

# FLORA OF PANAMA

## CHECKLIST AND INDEX

MISSOURI BOTANICAL GARDEN

AUG 17 1987

GARDEN LIBRARY







# **FLORA OF PANAMA**

## **CHECKLIST AND INDEX**

**W. G. D'ARCY**

**PART I: THE INTRODUCTION AND CHECKLIST**



Missouri Botanical Garden  
Saint Louis, Missouri  
1987



MONOGRAPHS IN SYSTEMATIC BOTANY  
from the Missouri Botanical Garden  
Vol. 17. 1987

**Flora of Panama: Checklist and Index**

William G. D'Arcy, Missouri Botanical Garden, P.O. Box 299. St. Louis, MO 63166. U.S.A.

Copyright © 1987 by the Missouri Botanical Garden

All rights reserved

Printed in the United States of America by Braun-Brumfield, Inc., Ann Arbor, Michigan.

**Library of Congress Cataloging in Publication Data**

D'Arcy, William G., 1931-  
Flora of Panama

(Monographs in systematic botany from the Missouri Botanical Garden, ISSN 8661874; vol. 17-18, 1987)

Flora of Panama appeared in the Annals of the Missouri Botanical Garden from 1943-1981.

Bibliography: p.

Includes index.

1. Botany—Panama. 2. Phytogeography—Panama. 3. Annals of the Missouri Botanical Garden—Indexes.

4. Botany—Periodicals—Indexes. 5. Botany—Classification—Periodicals—Indexes.

I. Missouri Botanical Garden. II. Title. III. Series: Monographs in systematic botany from the Missouri Botanical Garden; v. 17, etc.

QK221.D37 1987 581.97287 87-14210

ISBN 0-915279-08-8 (Paperback:set)

This publication constitutes **Part I of the Flora of Panama**, containing general information regarding the project.

Copies of the Flora of Panama: Checklist and Index can be ordered from:

Department 11, Missouri Botanical Garden, Box 299, St. Louis, MO 63166. U.S.A. (314) 577-5170.

ISBN: 0-915279-08-8 (Paperback:set)



## CONTENTS

ACKNOWLEDGMENTS .....	vi
INTRODUCTION .....	vii
THE HISTORY OF PROJECT .....	vii
SIZE OF THE PANAMANIAN FLORA .....	viii
Table 1. Panama Plant Families—Numbers of Species .....	ix
Table 2. Flora Size of Selected Areas .....	xi
Table 3. Numbers of New Taxa since Flora of Panama .....	xii
Table 4. Increase in Flora since Panama Treatments .....	xii
Table 5. Increase in Species for Parts of Panama .....	xiii
SOME CHARACTERISTICS OF THE PANAMANIAN FLORA .....	xiii
Table 6. Major Life Forms .....	xiii
Table 7. Species Occurring at Different Elevations .....	xiv
Table 8. Species Occurring in Different Geographic Regions of Panama .....	xiv
Table 9. Distributions Outside of Panama .....	xv
NAMING OF THE FLORA .....	xv
Panamanian Plant Names .....	xv
Table 10. Most Used Names for Panamanian Species .....	xv
Authors of Panamanian Plant Names .....	xvi
Table 11. Botanists who have Named the Most Panamanian Species .....	xvi
Table 12. Botanists who have Named the Most Panamanian Genera .....	xvii
Synonymy .....	xvii
CONTRIBUTORS TO DATABASE REVISION .....	xvii
Table 13. Major Contributions by Specialists .....	xvii
Table 14. Specialists Making Contributions to the Database .....	xviii
FORMAT .....	xx
The Checklist Part I .....	xx
The Index Part II .....	xxi
Authors .....	xxi
Elevations .....	xxi
Geographical Ranges Outside of Panama .....	xxi
Habits .....	xxii
Terms Used for Habit and Life Form .....	xxii
Table 15. Major Life Forms (Habits) .....	xxii
Table 16. Modifiers of Habit Type .....	xxii
Sources .....	xxii
BIBLIOGRAPHY RELATING TO FLORA OF PANAMA DATABASE .....	xxiii
SYMBOLS USED (TABLE 17) .....	xxviii
LIST OF FAMILIES (TABLE 18) .....	xxix
CHECKLIST .....	1
Index .....	325



## ACKNOWLEDGMENTS

Preparation of this index and checklist reflects the efforts of many people. Those who contributed to the analyses of various plant groups and made changes and additions to the taxonomy are noted in the section below: CONTRIBUTORS TO DATABASE REVISION.

Many others helped in preparation of the listing, including the following Missouri Botanical Garden staff. Sheri Murphy (Davis) prepared an initial card file of the Flora, and Bill Phillips made an initial search of the Missouri Botanical Garden herbarium. The Flora of Panama was entered into the computer by Andrea Solomon and Julie Gentry. Correction and update of the flora, computer entry, and herbarium and library verification was done by Julie Gentry and Virginia Kiefer. In addition, support staff at the Missouri Botanical Garden, particularly Ronald L. Liesner, helped with segregating and determining Panamanian collections in the Garden's main plant collection.

Mireya D. Correa A., University of Panama, facilitated use of the University of Panama herbarium and was supportive in other ways.

The computerization of the Checklist and Index made use of the Office of Computing and Telecommunications at the University of Missouri-St. Louis, which provided technical support and equipment for the project. The project made unexpectedly large calls on staff time and patience, which were always pleasantly met, and the size of the project at times taxed the physical resources of the unit. Arrangements and programming were begun through Harold L. Mack and William Young, and the task was later continued and brought to completion by Larry Pickett and Pam Hager. Expertise for installing the Database on the Missouri Botanical Garden's recently acquired Mentor 5000 for final editorial verification was provided by Robert E. Magill, who also assisted in many other ways.

The project was funded by National Science Foundation grants to support work on the Flora of Panama Project, the most recent of which bore Grant Number BSR-8305425 (W.G. D'Arcy, Principal Investigator). Other National Science Foundation Grants that helped support the project include G-7744 (R.E. Woodson, Jr., P.I.), GB-170 (H. Cutler, P.I.), GB-5674 (W.H. Lewis, P.I.), GB-36202, BMS 72-02441 (T.B. Croat, P.I.), and DEB 77-04300, DEB 79-22192, BSR-83-05425 (W.G. D'Arcy, P.I.). Marshall R. Crosby, Missouri Botanical Garden, helped greatly in arranging supplementary financing for the project.



# FLORA OF PANAMA CHECKLIST AND INDEX

W.G. D'Arcy

## INTRODUCTION

The Flora of Panama (Woodson et al. 1943-81) is a multivolume publication that aimed to describe all the higher plants occurring in Panama. Almost as soon as various parts of the Flora were issued, new plants were found in Panama and critical studies resulted in name changes, making the publication increasingly less comprehensive as time continued. Access to the new information is difficult, for publication of new finds and changes has taken place in a wide variety of scientific books and journals, and many of the new items have not yet reached the literature but are still documented only by herbarium specimens. The Flora of Panama has hitherto lacked an index, although most families were accompanied by individual indices when they were published.

As a step toward making information about the Panamanian flora more accessible to the public, the contents of the Flora of Panama were entered into a computer-based Flora of Panama Database. Library searches for articles affecting the Panamanian flora and herbarium searches for new items and newly annotated collections resulted in many increases and changes to this Database. A large group of collaborators revised and reviewed individual plant families. The present reports are the first to be published from the Database.

This publication consists of two reports: the Checklist (Part I), and the Index (Part II). The Index lists all names, accepted or synonymous, used in the Flora of Panama and elsewhere for Panamanian plants. If the name is a synonym, its accepted name is given. Where appropriate, the volume and page where the name appeared in the Flora of Panama is given. In other cases reference is given to another publication where the name has been treated or to a herbarium voucher, thus indicating a basis for acceptance or synonymy of a name. The Checklist lists only accepted names, and information is given about range and habit. Thus to find information for a given name, it may be necessary to consult both parts, the Index to ascertain under which name it appears in the Checklist or to find the source of the information, and the Checklist to find distributional or other information about the species concerned. Issued simultaneously in a microfiche format is a Taxonomic Listing which provides the information from both Part I and Part II in a taxonomic arrangement.

## HISTORY OF THE PROJECT

Plant collecting has taken place in Panama since the arrival of the Europeans. Dwyer (1981), in his history of plant collecting in Panama, notes that the earliest herbarium specimens are from the first part of the 18th century. By the time Carl Linnaeus was giving plant description its modern form with his *Species Plantarum* of 1753, he had material in hand to allow him to describe many plants occurring in Panama. Since then, description of Panamanian plants has taken place in a wide array of publications from many countries. But Panamanian botany has benefited by relatively few floras or florulas that compile the many descriptions and revisions of individual plant species and groups into a form of general utility. The first published flora that included Panama was the Flora of the Isthmus of Panama by Seemann in 1854. In the present century, Paul C. Standley published florulas covering Barro Colorado Island (1927) and the Panama Canal Zone (1928). The Flora of Panama (Woodson et al. 1943-1981) covered the entire country and is the subject of the present publication. Although published after the Flora of Panama was begun, the Floras of San José Island by Johnston (1949) and of Barro Colorado Island by Croat (1978) are important scientific statements about the plants of parts of Panama.

The Flora of Panama (Woodson et al. 1943-81) was begun in 1943 by Robert E. Woodson, Jr. and Robert W. Schery after collecting in Panama had resulted in an accumulation of significant specimens and the description of new species in the 1920's and 1930's. A short history of the project is given by D'Arcy (1981a). Schery left the project in 1952, but Woodson continued it until his death in 1963. The Flora was then carried on by Hugh C. Cutler, Walter H. Lewis, D. M. Porter, and Thomas B. Croat, with W.G. D'Arcy bringing it to completion in 1981. Beginning about 1965, work on the Flora was accelerated with initiation of a strong collecting program and expansion of the group of contributors to the Flora. The Flora of Panama, when completed in 1981, comprised 6818 printed pages and included 5314 species. By then many of the earlier parts were out-of-print, although some parts had been reprinted. The accelerated collecting of the 1970's and 80's made the earlier publication increasingly less comprehensive as new species were described and names were changed following more critical studies. Parts of the Flora of Panama were generally out-of-date as



soon as they were issued, and of course, the whole work seriously understated the flora at the time it was completed in 1981. In spite of this, the prospect of issuing a complete new and revised Flora was strongly counter-indicated at that time. The large amount of recently collected material was yielding numerous changes to the state of floristic knowledge about Panama, and any Flora that might be issued would suffer the same fate as the first one in being seriously out-of-date as soon as it appeared. The magnitude of this continuing alteration and addition is large, amounting to hundreds of changes each year. To date there has been no abatement in the rate of change, testimony to the richness of the Panamanian flora and the diligence of specialists making new assessments of already recorded Panamanian taxa. The time has still not come for the preparation of a new edition of the Flora of Panama.

The present publication is a compromise intended to permit access to new taxonomic information about Panamanian plants and to ease the task of those wishing to revise different plant groups. It provides references to descriptions of the plants but does not present new descriptions or keys. Most plant groups have been reviewed or revised by specialists or by the author, and to this extent the listing is a reassessment of the taxonomy of the flora. In a series of tables, a concise statement is presented about the size of the flora and its distribution in other regions. Analyses of this kind of new data that are available from the Database is to be provided later.

The computerized Database continues to be maintained and revised, and it is anticipated that these reports will be reissued in three to five years. This report is provisional both in the sense that there is much more information still to come and in the sense that errors remain to be corrected in future editions. The author welcomes corrections or advice that will strengthen future editions.

### **SIZE OF THE PANAMANIAN FLORA**

The Panamanian flora now includes 7345 species in 195 families. Table 1 shows the numbers of species now recorded from Panama by family.

The Panamanian flora is one of the most diverse in the world. With

7345 species of flowering plants now known in a land area of 75,902 km<sup>2</sup> (29,306 mi<sup>2</sup>), the floristic average is 0.0953 species per km<sup>2</sup> or 0.252 per mi<sup>2</sup>. Relating this to the average for other regions presents the problem that as land areas diminish, the floristic average tends to increase, so that continental size areas, even rich ones, have a low average, while quite small areas, for example, a one hectare disturbed hillside, may have an extremely large value. Nevertheless, some such comparisons of species richness and area may be useful if one keeps in mind this statistical bias and other factors that may influence the average and merely looks at the richness in species. Table 2 shows the species richness of several regions.

In addition to the 7345 species of flowering plants now known from Panama there are some 800 pteridophyte species (Lellinger 1986, pers. comm.) making a total of over 8100 species of vascular plants. Since 1981 over 330 species of flowering plants have been newly described from material collected in Panama, and no diminution of this rate of discovery has been seen to date. Thus the total flora of Panama may include 8500-9000 flowering plants and 900 pteridophytes. These numbers will decrease as habitats are eliminated from Panama and species are extirpated or extinguished. The bryophytes include some 350 species of mosses (Allen & Crosby, pers. comm.) plus an unknown number of hepatic and hornwort species. Hepatics are abundant, especially in cooler, moist parts of the country.

### **RECENT INCREASE IN SIZE OF THE KNOWN PANAMANIAN FLORA**

Since completion of the Flora of Panama, there has been a substantial increase in the number of taxa known from the country. Because the parts of the Flora were issued over a four decade period, changes in the numbers of recorded species conceal a varied rate of increase. Nevertheless, a few comparisons (Tables 3-5) indicate the great improvement of knowledge since the Flora was prepared. The Flora of Panama recognized 5314 species and a total of 5597 taxa of species rank or below, compared with the 7345 species recognized now. This increase of 2009 species does not include the 776 species recognized in the Flora of Panama that have been reduced to synonymy or excluded from the flora.



**TABLE 1**  
**PANAMA PLANT FAMILIES – NUMBERS OF SPECIES**

FAMILY IDENTIFICATION				NUMBERS OF SPECIES			FAMILY IDENTIFICATION				NUMBERS OF SPECIES		
Dalla Torre & Harms	Family Name	Acronym (Weber 1982)	(Flora of Panama)	Native Species	Introduced Species	Total Species	Dalla Torre & Harms	Family Name	Acronym (Weber 1982)	(Flora of Panama)	Native Species	Introduced Species	Total Species
1	CYCADACEAE	CCD	(1)	8	2	10	61	BETULACEAE	BET	(40)	1		1
5	PODOCARPACEAE	PDC	(2)	3		3	62	FAGACEAE	FAG	(41)	11		11
6	ARAUCARIACEAE	ARU	(—)		1	1	63	ULMACEAE	ULM	(42)	7		7
7	GNETACEAE	GNE	(2a)	1		1	64	MORACEAE	MOR	(43)	96	3	99
8	TYPHACEAE	TYP	(3)	1		1	65	URTICACEAE	URT	(44)	52	1	53
11	POTAMOGETONACEAE	POT	(3a)	4		4	66	PROTEACEAE	PRT	(45)	5		5
12	NAJADACEAE	NAJ	(3B)	2		2	67	LORANTHACEAE	LOR	(46)	51		51
15	ALISMATACEAE	ALI	(4)	9		9	71	OPILIACEAE	OPI	(47)	1		1
16	BUTOMACEAE	BUT	(5)	2		2	72	OLACACEAE	OLC	(48)	10		10
17	HYDROCHARITACEAE	HDC	(5a)	4	1	5	73	BALANOPHORACEAE	BNP	(49)	3		3
18	TRIURIDACEAE	TRI	(6)	2		2	74	ARISTOLOCHIACEAE	ARS	(50)	14		14
19	GRAMINEAE	GRM	(7)	344	15	359	75	RAFFLESIIACEAE	RAF	(50a)	3		3
20	CYPERACEAE	CYP	(8)	164	1	165	77	POLYGONACEAE	PLG	(51)	33	1	34
21	PALMAE	PAL	(9)	95	8	103	78	CHENOPODIACEAE	CHN	(52)	3	1	4
22	CYCLANTHACEAE	CYC	(10)	33		33	79	AMARANTHACEAE	AMA	(53)	31	4	35
23	ARACEAE	ARA	(11)	234		234	80	NYCTAGINACEAE	NYC	(54)	13	2	15
24	LEMNACEAE	LMN	(12)	7		7	81	BATAACEAE	BAT	(55)	1		1
28	MAYACACEAE	MAY	(13)	2		2	83	PHYTOLACCACEAE	PHT	(56)	10		10
29	XYRIDACEAE	XYR	(14)	3		3	84	AIZOACEAE	AIZ	(57)	3		3
30	ERIOCAULACEAE	ERO	(15)	9		9	85	PORTULACACEAE	POR	(58)	4		4
31	RAPATEACEAE	RPT	(16)	1		1	86	BASELLACEAE	BAS	(58a)	1	1	2
32	BROMELIACEAE	BML	(17)	136		136	87	CARYOPHYLLACEAE	CRY	(59)	10	2	12
33	COMMELINACEAE	CMM	(18)	31		31	88	NYMPHAEACEAE	NYM	(60)	4	1	5
34	PONTEDERIACEAE	PON	(19)	8		8	89	CERATOPHYLLACEAE	CTP	(61)	1		1
36	JUNCACEAE	JUN	(20)	3		3	91	RANUNCULACEAE	RAN	(62)	8		8
38	LILIACEAE	LIL	(21)	15	1	16	93	BERBERIDACEAE	BER	(63)	1		1
39	HAEMODORACEAE	HAE	(23)	1		1	94	MENISPERMACEAE	MNS	(64)	22		22
40	AMARYLLIDACEAE	AML	(24)	26	1	27	95	MAGNOLIACEAE	MAG	(65)	4		4
41	VELLOZIACEAE	VLL	(25)	1		1	95a	WINTERACEAE	WIN	(66)	1		1
43	DIOSCOREACEAE	DSC	(26)	14	2	16	98	ANNONACEAE	ANN	(67)	62	1	63
44	IRIDACEAE	IRI	(27)	10		10	99	MYRISTICACEAE	MYS	(68)	16		16
45	MUSACEAE	MUS	(29)	37	1	38	101	MONIMIACEAE	MNM	(69)	19		19
46	ZINGIBERACEAE	ZIN	(30)	36	6	42	102	LAURACEAE	LAU	(70)	78		78
47	CANNACEAE	CNA	(31)	3	1	4	103	HERNANDIACEAE	HRN	(71)	3		3
48	MARANTACEAE	MRN	(32)	49		49	104	PAPAVERACEAE	PAP	(72)		not yet found	
49	BURMANNIACEAE	BMN	(28)	15		15	104a	FUMARIACEAE	FUM	(—)	2		2
50	ORCHIDACEAE	ORC	(33)	891	2	893	105	CRUCIFERAE	CRU	(74)	4	6	10
51	CASUARINACEAE	CAS	(—)	1		1	106	TOVARIACEAE	TOV	(73a)	see 107 CAPPARACEAE		
53	PIPERACEAE	PIP	(34)	213		213	107	CAPPARACEAE	CPP	(73)	36	2	38
54	CHLORANTHACEAE	CLR	(35)	9		9	108	RESEDACEAE	RSD	(75)	1		1
55	LACISTEMATACEAE	LCS	(36)	3		3	109	MORINGACEAE	MRG	(76)	1		1
56	SALICACEAE	SAL	(37)	1		1	112	DROSERACEAE	DRS	(76a)	1		1
57	MYRICACEAE	MYR	(38)	2		2	113	PODOSTEMACEAE	PDS	(78)	12		12
60	JUGLANDACEAE	JUG	(39)	3		3	115	CRASSULACEAE	CRS	(77)	1	1	2



**TABLE 1**  
**PANAMA PLANT FAMILIES—NUMBERS OF SPECIES (continued)**

FAMILY IDENTIFICATION				NUMBERS OF SPECIES			FAMILY IDENTIFICATION				NUMBERS OF SPECIES		
Dalla Torre & Harms	Family Name	Acronym (Weber 1982)	(Flora of Panama)	Native Species	Introduced Species	Total Species	Dalla Torre & Harms	Family Name	Acronym (Weber 1982)	(Flora of Panama)	Native Species	Introduced Species	Total Species
117	SAXIFRAGACEAE	SAX	(79)	9		9	182	OCHNACEAE	OCH	(119)	15		15
119	BRUNELLIACEAE	BNL	(80a)	2		2	183	CARYOCARACEAE	CCR	(120)	3		3
120	CUNONIACEAE	CUN	(80)	4		4	184	MARCGRAVIACEAE	MRC	(121)	22		22
126	ROSACEAE	ROS	(81)	39	1	40	185	QUIINACEAE	QII	(121a)	3		3
127	CONNARACEAE	CNN	(82)	11	1	12	186	THEACEAE	TEA	(122)	9		9
128	LEGUMINOSAE	LEG	(83)	430	6	436	187	GUTTIFERAE	GUT	(123)	61		61
129	GERANIACEAE	GER	(85)	3		3	187a	HYPERICACEAE	HYP	(123a)	8		8
130	OXALIDACEAE	OXL	(84)	17	2	19	183	CISTACEAE	CIS	(124)		not yet found	
131	TROPAEOLACEAE	TRP	(86)	3		3	194	BIXACEAE	BIX	(125)	1	1	2
133	HUMIRIACEAE	HOU	(87a)	4		4	195	COCHLOSPERMACEAE	CCH	(126)	2		2
134	ERYTHROXYLACEAE	ERX	(87)	11	1	12	198	VIOLACEAE	VIO	(127)	27	1	28
135	ZYGOPHYLLACEAE	ZYG	(88)	4	1	5	199	FLACOURTIACEAE	FLC	(128)	46	1	47
137	RUTACEAE	RUT	(89)	31	6	37	201	TURNERACEAE	TNR	(129)	6		6
138	SIMAROUBACEAE	SMR	(90)	11		11	203	PASSIFLORACEAE	PAS	(130)	42		42
139	BURSERACEAE	BRS	(91)	14	1	15	205	CARICACEAE	CRC	(131)	8		8
140	MELIACEAE	MEL	(92)	31	2	33	206	LOASACEAE	LOA	(132)	7		7
141	MALPIGHIACEAE	MLP	(93)	62	1	63	208	BEGONIACEAE	BEG	(133)	35		35
142	TRIGONIACEAE	TRG	(94)	2		2	210	CACTACEAE	CAC	(134)	23	1	24
143	VOCHYSIACEAE	VOC	(95)	7		7	214	THYMELAEACEAE	THY	(135)	2		2
145	POLYGALACEAE	PGL	(96)	24		24	216	LYTHRACEAE	LYT	(136)	17	5	22
146	DICHAPETALACEAE	DCH	(96a)	7		7	219	LECYTHIDACEAE	LCY	(137)	31		31
147	EUPHORBIACEAE	EUP	(97)	134	1	135	220	RHIZOPHORACEAE	RHZ	(138)	5		5
148	CALLITRICHACEAE	CLL	(98)		not yet found		221	COMBRETACEAE	CMB	(139)	18	2	20
149	BUXACEAE	BUX	(99)	1		1	222	MYRTACEAE	MRT	(140)	51	13	64
151	CORIARIACEAE	CRR	(100)	1		1	223	MELASTOMATAACEAE	MLS	(141)	244		244
153	ANACARDIACEAE	ANA	(101)	11	3	14	224	ONAGRACEAE	ONA	(142)	23	2	25
154	CYRILLACEAE	CYR	(101a)	2		2	225	HALORAGACEAE	HAL	(143)	2		2
157	AQUIFOLIACEAE	AQF	(102)	9		9	227	ARALIACEAE	ARL	(144)	29		29
158	CELASTRACEAE	CEL	(103)	18		18	228	UMBELLIFERAE	UMB	(145)	19	3	22
159	HIPPOCRATEACEAE	HPC	(104)	23		23	229	CORNACEAE	COR	(146)	2		2
161	STAPHYLEACEAE	STP	(105)	1		1	230	CLETHRACEAE	CLE	(147)	3		3
162	ICACINACEAE	ICC	(106)	7		7	233	ERICACEAE	ERI	(148)	81		81
164	HIPPOCASTANACEAE	HCS	(107)	2		2	235a	THEOPHRASTACEAE	TEO	(151)	5		5
165	SAPINDACEAE	SAP	(108)	85	1	86	236	MYRSINACEAE	MRS	(150)	134		134
166	SABIACEAE	SAB	(109)	12		12	237	PRIMULACEAE	PRM	(152)	1		1
168	BALSAMINACEAE	BLS	(110)	1	1	2	238	PLUMBAGINACEAE	PLB	(153)		2	2
169	RHAMNACEAE	RHM	(111)	15	1	16	239	SAPOTACEAE	SPT	(154)	45	1	46
170	VITACEAE	VIT	(112)	12		12	240	EBENACEAE	EBN	(155)	5		5
171	ELAEOCARPACEAE	ELC	(113)	5		5	241	STYRACACEAE	STY	(156)	2		2
174	TILIACEAE	TIL	(114)	20		20	242	SYMPLOCACEAE	SYM	(157)	3		3
175	MALVACEAE	MLV	(115)	79	8	87	243	OLEACEAE	OLE	(158)	2	7	9
177	BOMBACACEAE	BOM	(116)	25		25	245	LOGANIACEAE	LOG	(159)	19		19
178	STERCULIACEAE	STR	(117)	24	1	25	246	GENTIANACEAE	GEN	(160)	32		32
180	DILLENACEAE	DLL	(118)	18	2	20	246a	MENYANTHACEAE	MNY	(161)	1		1



**TABLE 1**  
**PANAMA PLANT FAMILIES – NUMBERS OF SPECIES (continued)**

FAMILY IDENTIFICATION				NUMBERS OF SPECIES		
Dalla Torre & Harms	Family Name	Acronym (Weber 1982)	(Flora of Panama)	Native Species	Introduced Species	Total Species
247	APOCYNACEAE	APO	(162)	74	4	78
248	ASCLEPIADACEAE	ASC	(163)	47	4	51
249	CONVOLVULACEAE	CNV	(164)	65	1	66
250	POLEMONIACEAE	PLM	(165)	4		4
251	HYDROPHYLLACEAE	HYD	(166)	2		2
252	BORAGINACEAE	BOR	(167)	44		44
253	VERBENACEAE	VRB	(168)	81	9	90
253a	AVICENNIACEAE	AVI	(168a)	3		3
254	LABIATAE	LAB	(169)	46	1	47
256	SOLANACEAE	SOL	(170)	138	16	152
257	SCROPHULARIACEAE	SCR	(171)	52	2	54
258	BIGNONIACEAE	BIG	(172)	80	10	90
259	PEDALIACEAE	PED	(173)	1		1
260	MARTYNIACEAE	MAR	(—)	see 259 PEDALIACEAE		
261	OROBANCHACEAE	ORO	(174)	2		2
262	GESNERIACEAE	GSN	(175)	159	2	161
264	LENTIBULARIACEAE	LNT	(176)	14		14
266	ACANTHACEAE	ACA	(177)	110	2	112
269	PLANTAGINACEAE	PTG	(178)	2	1	3
270	RUBIACEAE	RUB	(179)	431	5	436
271	CAPRIFOLIACEAE	CPR	(180)	5		5
273	VALERIANACEAE	VAL	(181)	6		6
275	CUCURBITACEAE	CUC	(182)	44	8	52
276	CAMPANULACEAE	CAM	(183)	44	1	4
280	COMPOSITAE	CMP	(184)	272	7	279
TOTALS:				7123	222	7345

**TABLE 2**  
**FLORA SIZE OF SELECTED AREAS**

Country (latitude <sup>1</sup> )	Area <sup>2</sup> (1,000's km <sup>2</sup> )	No. of species	Ref.
California Floristic Province (29°-43°N)	324	4452	3
California (32°-42°N)	411	5046	3
Missouri (36°-41°N)	180	2438	4
Texas (26°-37°N)	692	4196	5
Cuba (20°-24°N)	115	5800	6
Jamaica (17°-18°N)	11	2888	7
<b>Panama (7°-10°N)</b>	76	7345	
Barro Colorado Is., Panama (8°N)	.016	1099	8
Cape Floristic Region (31°-35°S)	89	8550	9

[Sources: 1. Latitudes from The Odyssey World Atlas. 2. Areas from The World Almanac & Book of Facts 1981. 3. Raven & Axelrod 1978. 4. Steyermark 1963. 5. Correll & Johnston 1970. 6. León 1966. 7. Adams 1972; Asprey & Robbins 1953. 8. Croat 1978. 9. Goldblatt 1978.]



Table 3 shows the numbers of taxa recorded in the Flora of Panama and now known from Panama through the Database. The ranks between family and genus and between genus and species are not included as they are not generally useful for making comparisons. Ranks below species also may be quite incomplete, as contributors vary in their consideration of these ranks.

**TABLE 3**  
**NUMBERS OF NEW TAXA SINCE FLORA OF PANAMA**

Taxon	Flora	Present	Per cent Change
Families	192	195	1.6%
Genera	1520	1813	19.3
Species	5314*	7345	38.2
subspecies	35	89	
varieties	236	310	
subvarieties	0	0	
forms	12	9	
subforms	0	0	
Infra specific ranks	283	408	44.2%

\*26 of these recognized implicitly by recognition of infraspecific taxa

Some families have shown much greater increase in known taxa since publication of the Flora than others. Generally those families completed early show the biggest increase. Table 4 shows the increase in species for the largest plant families.

**TABLE 4**  
**INCREASE IN FLORA SINCE FLORA OF PANAMA TREATMENTS**  
**SPECIES NUMBERS FOR FAMILIES**  
**WITH MORE THAN 100 SPECIES**

Family (date)	Increase In Species For Selected Groups			Per Cent of Total Flora	
	Species in Flora	Species Now	Per cent Increase	In Flora	Now
Gramineae (1943)	276	359 +	30.1%		
Cyperaceae (1943)	102	165	61.8		
Palmae (1943)	71	103	45.1		
Araceae (1944)	74	234	316.2		
Bromeliaceae (1944)	85	136	60.0		
Orchidaceae (1946-49)	469	893	91.5		
All monocotyledons	1267	2246	77.3	23.8%	30.6%
Piperaceae (1950)	171	213	24.5		
Leguminosae (1950-80)	401	436	8.7		
Euphorbiaceae (1967)	100	135	35.0		
Melastomataceae (1958)	141	244	73.0		
Myrsinaceae (1971)	69	134	94.2		
Solanaceae (1973)	139	152	9.3		
Gesneriaceae (1979)	146	161	10.3		
Acanthaceae (1978)	107	112	4.7		
Rubiaceae (1980)	414	436	5.3		
Compositae (1975)	252	279	10.7		
All dicotyledons	4047	5099	30.0	76.1	69.4
All families	5314	7345 +	38.2%	100.0%	100.0%



Plant collecting has been more intense and more complete in some parts of the country than others. Table 5 shows the increases in recorded plant diversity for several regions since completion of the Flora. Three geographical subdivisions, the Canal Area, and Chiriqui and Panama Provinces have long had the most intense botanical exploration. Since completion of the Flora, there has been great effort to collect in other, more poorly explored parts of the country. The low absolute numbers in the Azuero Peninsula reflect in large part the reduction of the flora by human activities before the original flora could be sampled.

**TABLE 5  
INCREASE IN SPECIES FOR PARTS OF PANAMA**

Region	Species in Flora	Species Now	Per cent Increase
Canal Area	1888	2545	34.8
Chiriquí	2050	3057	49.1
Panama	2225	3246	45.9
Western Panama (Bocas del Toro, Chiriquí)	2679	3921	46.4
Central Provinces (Canal Area, Coclé, Colón, Herrera, Los Santos, Panamá, Veraguas)	3302	5146	55.8
Azuero Peninsula (Herrera, Los Santos)	654	801	22.5
Eastern Panama (Darién, San Blas)	1754	2563	46.1
All Panama	5314	7345	38.2

The increases for provinces and regions are larger than that for the entire country, because they reflect new province records that are not new for the country.

**SOME CHARACTERISTICS OF THE PANAMANIAN FLORA**

The following series of tables summarizes some characteristics of the Panamanian flora. These data are subject to some of the limita-

tions indicated in the section on FORMAT (page xx). Analyses of these characteristics and others will be presented in another publication.

**TABLE 6  
MAJOR LIFE FORMS**

Number	Habit (unmodified)	Percentage* of Known Cases
895	Climber	12.3 %
195	Epiphyte	2.7
2	Hemiepiphyte	0.03
3126	Herb	42.9
11	Parasite	0.2
2057	Shrub	28.2
189	Subshrub	2.6
11	Shrublet	0.2
1952	Tree	26.8
53	Treelet	0.7
56	Without Habit (not available from present data)	

Number	Percentage* of Known Cases	Habit (modified)
3459	47.4%	Woody Species (shrubs, trees, etc.)
1709	23.5	Climbing Plants (lianas, vines, epiphytes, hemiepiphytes)
3830	52.5	Herbaceous Plants (herbaceous minus woody plants)
4171	57.2	Herbaceous Plants (herbs, climbers, epiphytes, hemiepiphytes, parasites, aquatics, marine plants)

Total species in flora: 7345. Total species with known habit: 7289.

\*Do not total to 100% because of multiple categories.



**TABLE 7**  
**SPECIES OCCURRING AT DIFFERENT ELEVATIONS**

Number	Elevation Level	Percentage* of Known Cases
5875	0-1000m Elevation	83.5%
2215	1000-2000m Elevation	31.5
610	2000-3000m Elevation	8.7
155	Over 3000m Elevation	2.2
	<b>Elevation Range</b>	
6817	Below 2000m	96.9%
6989	Below 3000m	99.4
666	Above 2000m	9.5
2463	Above 1000m	35.0
2418	Between 1000m and 3000m	34.4
312	Without Elevation (not available from present data)	

Total species in flora: 7345. Species with known elevation: 7033.

\*Do not total to 100% because of multiple categories.

**TABLE 8**  
**SPECIES OCCURRING IN DIFFERENT GEOGRAPHIC DIVISIONS OF PANAMA**

Number	Geographical Division	Percentage* of Known Cases
1661	Bocas Del Toro	23.1%
2545	Canal Area	35.5
3057	Chiriquí	42.6
2174	Coclé	30.3
1586	Colón	22.1
2188	Darién	30.5
444	Herrera	6.2
556	Los Santos	7.7
3246	Panamá	45.2
1003	San Blas	14.0
1437	Veraguas	20.0%
166	Without Geographical Division (not available from present data)	

3922 54.6% Western Panama (Bocas del Toro, Chiriquí)

2563 35.7 Eastern Panama (Darién, San Blas)

5146 71.7 Central Panama (Canal Area, Coclé, Colón, Herrera, Los Santos, Panamá, Veraguas)

3061 Occur In 1 Province 320 Occur In 6 Provinces

1298 Occur In 2 Provinces 263 Occur In 7 Provinces

832 Occur In 3 Provinces 174 Occur In 8 Provinces

603 Occur In 4 Provinces 138 Occur In 9 Provinces

406 Occur In 5 Provinces 72 Occur In 10 Provinces

Total species in flora: 7345.

Total species with known geography: 7179.

\*Do not total to 100% because of multiple categories.



## NAMING OF THE FLORA

**TABLE 9  
DISTRIBUTIONS OUTSIDE OF PANAMA**

Distribution	Number	Percentage of Native Species
Native species:		
To the south of Panama	4034	56.6%
To the south only*	1006	14.1
To the north of Panama	5569	78.1
To the north only*	2433	34.1
Central America (Guatemala, El Salvador, Belize, Honduras, Nicaragua, Costa Rica)	5107	71.7
Central America only	2322	32.6
In the Antilles (excluding Trinidad & Tobago)	1298	18.2
Antilles only*	66	.9
Endemic species*	1230	17.3
Species restricted as above(*)	4735	66.4
Total native species	7123	100.0%
Introduced species	222	
Total flora	7345	

\*Species restricted in distribution outside of Panama.

### PANAMANIAN PLANT NAMES

The names that have been given to Panamanian plant species were derived from many different sources, but most were derived in one of three ways; they note the localities where the plants were first found, they honor a botanist, usually the botanist who first found the species, or they are descriptive of the plants themselves. To assess the frequency of use of species names, or epithets, it is most useful to compare the parts of the epithets lacking the gender-reflecting ending (usually the roots or stems). Thus *panamensis*, *panamaensis*, *panamana* are all treated as equivalent, and *dressleri* and *dressleriana* are also treated as equivalent. There is a convention, not always followed, that in naming a species after a person, the endings *-i*, *-um*, or *-ae* are used for a person who collected or otherwise worked with the plant, and the endings *-anus*, *-anum* or *-ana* for honoring a person who had little or nothing to do with the species at hand. Table 10 shows the names that have been used most often for the species accepted in this treatment.

**TABLE 10  
MOST USED NAMES FOR PANAMANIAN SPECIES**

NAME PART	NO. OF TIMES USED	COMMEMORATES
panam-	138	Panama
costaric-	84	Costa Rica
pittier-	58	Henri François Pittier
allen-	43	Paul Hamilton Allen
chiriqu-	40	Chiriqui Province, Panama
american-	34	America (New World)
mexican-	33	Mexico
macrophylla-	32	large leaved
darien-	28	Darien Province, Panama
latifol-	27	broad leaved
dressler-	23	Robert Louis Dressler
standley-	23	Paul Carpenter Standley

All other names have been used fewer than 20 times for species recognized as occurring in Panama.



## AUTHORS OF PANAMANIAN PLANT NAMES

A large component of the Panama flora consists of widespread species, and a great majority of species occurring in Panama were named on the basis of material collected in other countries. In a history of plant collecting in Panama, Dwyer (1981) notes that early collecting in Panama was conducted by Europeans, so it is no surprise that European botanists have been prolific in naming plants that occur in Panama. The botanist who named by far the greatest number of Panamanian species was Carl Linnaeus of Sweden, who initiated the present practice of using binomial names for plants and animals. During his lifetime (1707-1778) Linnaeus named about 7700 species (Stearn 1971), and the fact that nearly eight per cent of these now occur in Panama is a striking testimony to the strong representation of neotropical plants in European studies in the mid 18th century. The next most prolific namer of Panamanian plants was Paul Standley of the Field Museum of Natural History, who wrote floras for parts of Panama and for other parts of Central America. Table 11 lists botanists who were prolific in naming Panamanian species.

**TABLE 11**  
**BOTANISTS WHO HAVE NAMED**  
**THE MOST PANAMANIAN SPECIES**

BOTANIST	NO. OF SPECIES DESCRIBED	MAIN HOME LOCATION
Carl Linnaeus	629	Stockholm, Sweden
Paul Carpenter Standley	436	Chicago, U.S.A.
Humboldt, Bonpland & Kunth (H.B.K.)	268	Berlin/Paris
Augustin Pyramus de Candolle	251	Geneva, Switzerland
George Bentham	225	London, England
Heinrich Gustav Reichenbach (Jr.)	204	Hamburg, Germany
* John Duncan Dwyer	171	St. Louis, U.S.A.
Nikolaus Joseph Jacquin	160	Vienna, Austria
Olof Peter Swartz	154	Stockholm, Sweden
* Thomas Bernard Croat	142	St. Louis, U.S.A.
John Lindley	138	London, England
* Cyrus Longworth Lundell	117	Austin, Texas
Casimire de Candolle	107	Geneva, Switzerland

\* Still living.

No other botanist has named more than 100 species. This tabulation includes species first named or later transferred by the respective worker, and it includes names created in co-authorship with others.

As seen in Table 12, Linnaeus also excelled at the generic level, describing 417 genera that occur in Panama. No other botanists have described more than 25 of Panama's genera.



**TABLE 12**  
**BOTANISTS WHO HAVE NAMED**  
**THE MOST PANAMANIAN GENERA**

BOTANIST	NO. OF GENERA DESCRIBED	MAIN HOME LOCATION
Carl Linnaeus	417	Stockholm, Sweden
Jean Baptiste Christophe Fusée Aublet	88	Paris, France & colonies
Hipolito Ruiz & José Antonio Pavón	43	Madrid, Spain
Augustin Pyramus de Candolle	56	Geneva, Switzerland
John Lindley	39	London, England
George Bentham	34	London, England
Olof Peter Swartz	27	Stockholm, Sweden

#### SYNONYMY

Many names previously used for Panamanian plants are considered to be synonymous with the names accepted in this treatment. Practice in listing synonyms in the Flora of Panama differed greatly according to the particular author, some choosing to list all synonyms on a global basis, while others listed only synonyms directly germane to the Panamanian flora. Names listed in synonymies in the Flora included both validly published names and manuscript or other "ined" names. For these reasons, ratios of synonyms to accepted names in the present listing must be considered as only a gross approximation to the actual redundancy in naming. In the present Database, there are 10542 synonyms at species rank for the 7345 recognized species and 2477 synonyms for the 1813 recognized genera.

#### CONTRIBUTORS TO DATABASE REVISION

Help with parts of the Checklist was freely given by many specialists, some of whom undertook major updating. Families that benefited from major input by specialists are listed in Table 13; other families were reviewed by the author.

**TABLE 13**  
**MAJOR CONTRIBUTIONS BY SPECIALISTS**

#### Monocotyledons:

ALISMACEAE- Haynes; AMARYLLIDACEAE- Gereau; ARACEAE- Croat; BROMELIACEAE- Burt-Utley; BURMANNIACEAE- Van Benthem & Maas; BUTOMACEAE- Haynes; CANNACEAE- Maas; COMMELINACEAE- Faden; CYCLANTHACEAE- Hammel; CYPERACEAE- Adams/Davidse; GRAMINEAE- Davidse; HYDOCHARITACEAE- Haynes; IRIDACEAE- Goldblatt/Henrich; JUNCACEAE- Balsev; LEMNACEAE- Haynes; LILIACEAE- Gereau; MUSACEAE- Andersson/Kress/Stiles; NAJADACEAE- Haynes; ORCHIDACEAE- Atwood/Barringer/Dressler; PALMAE- Balick/Dransfield; PONTEDERIACEAE- Barrett; POTAMOGETONACEAE- Haynes; TRIURIDACEAE- Haynes; TYPHACEAE- Haynes; XYRIDACEAE- Kral.

#### Dicotyledons:

ACANTHACEAE- Durkee; ANNONACEAE- Maas/Mennenga; APOCYNACEAE- Leeuwenburg; AQUIFOLIACEAE- Hahn; ARISTOLOCHIACEAE- Barringer; ASCLEPIADACEAE- Stevens; BEGONIACEAE- Burt-Utley; BIGNONIACEAE- Gentry; BOMBACACEAE- Alverson; BORAGINACEAE- Miller; CACTACEAE- Bravo/Scheinvar; CAMPANULACEAE- Wilbur; CERATOPHYLLACEAE- Haynes; CHLORANTHACEAE- Todzia; COMPOSITAE- King/Strother; CONVULVACEAE- Austin; CORIARIACEAE- Skog; CRUCIFERAE- Rollins; CUCURBITACEAE- Wunderlin; ERICACEAE- Luteyn; ERYTHROXYLACEAE- Plowman; EUPHORBIACEAE- Huft/Webster; GENTIANACEAE- Maas; GESNERIACEAE- Skog; GUTTIFERAE- Hammel; HYPERICACEAE- Robson; ICACINACEAE- Howard; JUGLANDACEAE- Stone; LABIATAE- Harley; LAURACEAE- Van der Werff; LEGUMINOSAE- Barneby; LORANTHACEAE- Kjuitt;



**TABLE 13 (continued)**  
**MAJOR CONTRIBUTIONS BY SPECIALISTS**

MALVACEAE- Fryxell; MELASTOMATAEAE- Almeda;  
MENISPERMACEAE- Barneby; MONIMIACEAE- Antonio;  
MORACEAE- Berg; MYRSINACEAE- Pipoly; NYMPHAEACEAE-  
Haynes; ONAGRACEAE- Berry/Dietrich/Ramamoorthy/Raven/Zardini;  
OROBANCHACEAE- Haynes; PIPERACEAE- Humphries;  
POLYGALACEAE- Wendt/Wurdack; RANUNCULACEAE- Duncan;  
RUBIACEAE- Dwyer; SABIACEAE- Gentry; SCROPHULARIACEAE-  
Barringer; TILIACEAE- Meijer; UMBELLIFERAE- Constance.

**TABLE 14**  
**SPECIALISTS MAKING CONTRIBUTIONS TO THE DATABASE**  
(Does not include the many others who contributed through  
publications or various herbarium determinations)

Name -Institution	Taxon
Adams, C. D. -Missouri Botanical Garden	CYPERACEAE
Allen, B. -Missouri Botanical Garden	MUSCI
Allorge, L. -Museum National d'Histoire Naturelle, Paris	APOCYNACEAE
Almeda, F. -California Academy of Sciences	MELASTOMATAEAE
Andersson, L. -Herbarium, Botanical Museum, Göteborg, Sweden	SCROPHULARIACEAE, MUSACEAE
Antonio, T.M. -Chicago Botanical Garden	MONIMIACEAE
Atwood, J. -Marie Selby Botanic Garden	ORCHIDACEAE
Austin, D. -Florida Atlantic University	CONVOLVULACEAE
Balick, M.J. -New York Botanical Garden	PALMAE
Balsev, H. -University of Aarhus, Denmark	JUNCACEAE

Name -Institution	Taxon
Barneby, R.C. -New York Botanical Garden	MENISPERMACEAE, LEGUMINOSAE
Barrett, S. -University of Toronto	PONTEDERIACEAE
Barringer, K. -Brooklyn Botanic Gardens	ORCHIDACEAE, SCROPHULARIACEAE, ARISTOLOCHIACEAE
Bedell, H.G. -Arnold Arboretum, Harvard University	MARCGRAVIACEAE
Berry, P. -Universidad Simón Bolívar, Caracas	ONAGRACEAE
Berg, C.C. -Institute for Systematic Botany, Utrecht	MORACEAE
Bravo, H. -Universidad Nacional Autónomó de México	CACTACEAE
Burt-Utley, C. -University of New Orleans	BROMELIACEAE
Constance, L. -University of California (Berkeley)	UMBELLIFERAE
Croat, T.B. -Missouri Botanical Garden	ARACEAE
Crosby, M.R. -Missouri Botanical Garden	MUSCI
Davidse, G. -Missouri Botanical Garden	GRAMINEAE, CYPERACEAE
Dietrich, W. -Botanisches Institut der Universität, Düsseldorf	ONAGRACEAE
Dransfield J. -British Museum (N.H.)	PALMAE
Dressler, R.L. -Smithsonian Tropical Research Institute	ORCHIDACEAE
Duncan, T. -University of California (Berkeley)	RANUNCULACEAE
Durkee, L.A. -Grinnell College	ACANTHACEAE
Dwyer, J.D. -Missouri Botanical Garden	RUBIACEAE
Edmonds, J. -Cambridge University	SOLANACEAE
Faden, R. -Smithsonian Institution	COMMELINACEAE
Forero, E. -Missouri Botanical Garden	CONNARACEAE
Fryxell, P.A. -Dept. Soil & Crop Science, Texas A. & M. University	MALVACEAE



**TABLE 14 (continued)**  
**SPECIALISTS MAKING CONTRIBUTIONS TO THE DATABASE**

Name -Institution	Taxon
Gentry, A.H. -Missouri Botanical Garden	BIGNONIACEAE, SABIACEAE
Goldblatt, P. -Missouri Botanical Garden	IRIDACEAE
Graham, S.A. -Kent State University	LYTHRACEAE
Hahn, W. -Cornell University	AQUILFOLIACEAE
Hammel, B. -Missouri Botanical Garden	GUTTIFERAE, CYCLANTHACEAE
Haynes, R.R. -University of Alabama	NYMPHAEACEAE, LEMNACEAE, POTAMOGETONACEAE
Hekking, W.H.A. -Institute for Systematic Botany, Utrecht	VIOLACEAE
Henrich, J. -Missouri Botanical Garden	IRIDACEAE
Huft, M.J. -Missouri Botanical Garden	URTICACEAE, EUPHORBIACEAE
King, R.M. -Smithsonian Institution	COMPOSITE
Kral, R. -Vanderbilt University	XYRIDACEAE
Kress, J. -Marie Selby Botanic Garden	MUSACEAE
Kuijt, J. -University of Lethbridge	LORANTHACEAE
Leeuwenberg, A.J.M. -Laboratory for Plant Taxonomy, Wageningen	APOCYNACEAE
Lellinger, D. -Smithsonian Institution	PTERIDOPHYTA
Liesner, R.L. -Missouri Botanical Garden	Various
Luer, C. -Missouri Botanical Garden	ORCHIDACEAE
Luteyn, J.L. -New York Botanical Garden	ERICACEAE
Maas, P.J. -Institute for Systematic Botany, Utrecht	ANNONACEAE, MUSACEAE, BURMANNIACEAE, ZINGIBERACEAE, GENTIANACEAE
Meacham, C.A. -University of Georgia	RANUNCULACEAE
Meijer, W. -University of Kentucky	TILIACEAE
Mennega, E.A. -Institute for Systematic Botany, Utrecht	ANNONACEAE
Miller, J. -Missouri Botanical Garden	BORAGINACEAE
Moldenke, H.N.	VERBENACEAE

Name -Institution	Taxon
Murphy, H. -Field Museum of Natural History	ASCLEPIADACEAE
Pilz, G.E. -Escuela Agrícola Panamericana, Zamorana, Honduras	NYCTAGINACEAE
Pipoly, J. -New York Botanical Garden	MYRSINACEAE
Plowman, T. -Field Museum of Natural History	ERYTHROXYLACEAE
Press, J.R. -British Museum (N.H.)	AMARYLLIDACEAE
Ramamoorthy, T.P. -Universidad Nacional Autónoma de México	ACANTHACEAE, ONAGRACEAE
Raven, P.H. -Missouri Botanical Garden	ONAGRACEAE
Robson, N. -British Museum (N.H.)	HYPERICACEAE
Rollins, R. -Gray Herbarium, Harvard University	CRUCIFERAE
Schatz, G. -Missouri Botanical Garden	ANNONACEAE
Scheinvar, L. -Universidad Nacional Autónoma de México	CACTACEAE
Skog, L. -Smithsonian Institution	GESNERIACEAE, CORIARIACEAE
Sleumer, H.O. -Rijksherbarium, Netherlands	LACISTEMATAACEAE, FLACOURTIACEAE, OLACACEAE
Stevens, W.D. -Missouri Botanical Garden	ASCLEPIADACEAE
Stevenson, D. -New York Botanical Garden	CYCADACEAE
Stiles, G. -Universidad de Costa Rica	MUSACEAE
Strother, J. -University of California (Berkeley)	COMPOSITE
Sullivan, E. -Louisiana State University	RUBIACEAE
Todzia, C. -Missouri Botanical Garden	CHLORANTHACEAE
Utley, J.F. -University of New Orleans	MARCGRAVIACEAE
Van Benthem & P.J. Maas -Institute for Systematic Botany, Utrecht	BURMANNIACEAE
Van der Werff, H. -Missouri Botanical Garden	LAURACEAE
Wagner, W. -Bishop Museum	ONAGRACEAE
Webster, G. -University of California (Davis)	EUPHORBIACEAE
Wendt, T.L. -Escuela Nacional de Agricultura, Chapingo, Mexico	POLYGALACEAE
Wilbur, R.L. -Duke University	CAMPANULACEAE
Wunderlin, D. -University of South Florida	CUCURBITACEAE
Zardini, E. -Missouri Botanical Garden	ONAGRACEAE



## FORMAT

### THE CHECKLIST Part I.

The Checklist is an annotated listing of the names accepted as correct for the seed plants of Panama. For each name information is added on range inside and outside of Panama, on elevation and on habit. Plants that are introduced, naturalized or cultivated are identified as such. Whether or not the name was used in the Flora of Panama is also indicated.

This report includes only names accepted as correct for the flora of Panama: synonyms or names for taxa that do not occur in Panama are omitted.

The asterisk (\*) on the left of an entry means that the taxon is not represented in the Flora of Panama, at least under this name. Referral to the Index (Part II) will usually indicate if the taxon is in the Flora under a different name.

Authors are presented in the abbreviated form following the International Code of Botanical Nomenclature (ICBN 1983) Recommendations 46D.1 and 46E.1 : amplifications of authorities by use of *ex* and *in* are omitted.

Under the heading "Provinces" the Canal Area (*ca*) and the Comarca de San Blas (*sa*) are recognized. They are legal divisions in the country, although they are not provinces.

Ranges outside of Panama were entered as they were encountered (not corrected), thus in many cases both individual and general range codes appear. For example, a taxon might have *cag* (Central America General) and also a code for each or some of the countries in this region.

Habits were entered as they were encountered but were later standardized into the categories in Tables 15 and 16.

### SAMPLE ENTRIES (extracted from page 1):

#### 1 (1) CYCADACEAE

Explanation: 1 is the Dalla Torre & Harms family number. (1) is the Flora of Panama family number. **CYCADACEAE** is the name of the family.

#### \**Cycas*

\**circinalis* L. intr. cult

PROV: pa 000m: 0-1 RANGE: asi tree

Explanation: \**Cycas* indicates that the first genus, *Cycas*, was not reported as an accepted genus in the Flora of Panama, at least not under this name. \**circinalis* indicates that the species *Cycas circinalis* was not reported in the Flora of Panama under this name. The author for the species name is L. (Carl Linnaeus). The species is introduced to Panama and is cultivated there. It occurs in Panama (**pa**) Province, it occurs between sea level and 1000 m elevation (0- 1), and outside of Panama it occurs in Asia (**asi**). It is reported to be a tree.

#### *Podocarpus*

\**guatemalensis* Standl.

\*-var. *allenii* (Standl.) Buch. & Gray

PROV: bo cc etc. 000m: 0-1 etc. RANGE: cr gua tree

Explanation: *Podocarpus* is a genus that was treated in the Flora of Panama. However, the asterisk (\*) before each of the entries under *Podocarpus* (4 in the actual Checklist) indicates that none of the present names were accepted in that treatment. This means that the names used in the Flora of Panama have been changed and perhaps new ones added. The Flora itself would give the names used there, and reference to the Index (Part II) will show the present correct names for the changed (reduced or excluded) names. The species *Podocarpus guatemalensis* Standl. is represented in Panama by the variety *allenii*. This variety was first described by Standl. (P. C. Standley in R. E. Woodson & R. W. Schery, if the author is cited in full) but it was changed to its present status as a variety of *Podocarpus guatemalensis* by Buch. & Gray (J. T. Buchholtz and N. E. Gray). The variety occurs in Bocas Del Toro (**bo**) and Coclé (**cc**) (also Chiriquí, Herrera, Panamá, and Veraguas Provinces), it occurs between sea level and 1000 m (and also between 1000 and 2000 m), and outside of Panama it occurs in Costa Rica (**cr**) and Guatemala (**gua**). It is reported to be a tree.



## THE INDEX Part II.

This report includes all scientific names that were used in the Flora of Panama plus scientific names that have since been used for Panamanian plants. It includes accepted names, synonyms, names incidentally mentioned, and a few names for organisms other than vascular plants.

Names underlined are not currently correct: they are synonyms of other names. The indication "(FP: xxx)" with an accepted name indicates that it was known as xxx in the Flora of Panama.

All taxonomic ranks have been recognized as encountered. Because different authors adopted differing standards of coverage for other than the main ranks, the inclusion of these other ranks is uneven across the family spectrum.

Authors are cited in full (including *ex* and *in* embellishments).

The Source of Entry provides the reference to placement in the Flora of Panama, to other literature that affected the use of the name, or to a herbarium voucher. Unless otherwise indicated, all vouchers are deposited at the Missouri Botanical Garden (MO). Underlined numbers in this column refer to names mentioned incidentally in the Flora of Panama.

Families are identified by the Weber (1982) acronym and by the Dalla Torre & Harms (1900-1907) number.

## AUTHORS

Authors were standardized using Stafleu & Cowan (1976-) as a main reference. In numerous cases, an author's name is abbreviated differently in a compound than when alone. For example, Ruiz is abbreviated when it is in the compound R. & P. (Ruiz & Pavón), Bentham becomes Benth. when alone and B. in the compound B. & H. (Bentham & Hooker). Where several authors have the same surname, it was sometimes possible to indicate which is meant by the use of initials, but as authorities were mainly entered as encountered without recourse to the literature to check details, such differentiating initials were often omitted. Although this ignores the grace of attributing many names to their founders, it seldom or never causes difficulties in the roles for which they are intended: the separation of homonyms

published by different authors and as an aid in bibliographic referral. There are few cases, if any, where homonyms affecting the Flora of Panama were established by two different authors with the same surname, and perhaps none where referral to a Smith or a Fries without indicating which is the one meant will cause any confusion. In most cases, the different Smiths or Frieses worked on quite different plants at different times, and no confusion occurs.

In the Checklist, authors are presented in abbreviated form following recommendations (46C & 46D of ICBN 1966, 1972; 46D & 46E of ICBN 1978, 1983) of the Code of botanical nomenclature, that is, amplifications of authorities by use of *ex* and *in* are omitted. In the Index, the authorities are generally presented in full, although they are presented as they were encountered, and little attempt was made to ascertain whether still more amplified authorities might be derived. Thus, Willd. may appear as merely Willd. when it might have been expanded to (author) *ex* Willd. *in* L. (Sp. Pl. ed. 4), or Benth. rather than Benth. *in* Benth. & Hook. f. (Genera Plantarum).

## ELEVATIONS

Four elevational ranges are recognized: 0-1000 m (0-3000 ft), 1000-2000 m (3000-6000 ft), 2000-3000 m (6000-9000 ft), and 3000+ m (over 9000 ft). These ranges are a compromise between the ranges that might be most useful and the ranges that could be ascertained most reliably from the sources. Where the elevational range for a taxon is not known, the symbol *we* (without elevation) appears.

## GEOGRAPHICAL RANGES OUTSIDE OF PANAMA

Geographical ranges outside of Panama were entered as they were encountered, thus in many cases both individual and general range codes appear. For example, a taxon might have *cag* (Central America General) and also a code for each country in this region. Most of the ranges indicated have been documented or verified during the course of this project. Thus it is believed that the Database errs on the side of omission rather than misstatement.



## TERMS USED FOR HABIT AND LIFE FORM

A list of range symbols appears in Table 17 on page xxviii. For future publications based on this Database, it is hoped to add other coded distributions, for example; Chocó-Colombia, Brazil, and Mexico south of the Gulf of Tehuantepec/Río San Juan depression which includes the states of Campeche, Chiapas, Quintana Roo, Tabasco, Yucatán. These regions are not separated at present. Brazil appears within the category *sao* (South America Other).

### HABITS

Habits were generally entered as they were encountered with little verification. They were standardized in Table 15. It was immediately apparent that at present there is insufficient accepted vocabulary available to describe even some of the commonest growth habits. To describe such forms as bananas, pineapples, barrel cacti, and philodendrons as herbs, or acaulous palms and bamboos as shrubs is a distortion of the usual or traditional meanings of the terms and disguises the actual nature of the plants. Botanists working in the tropics are faced with the dilemma of insufficient habit type terminology. Many will apply well known or "standardized" terms in non-standard ways, or they will adopt more parochial terminology for the difficult cases they commonly encounter. For example, the term palmetto may be used to cover a wide range of dwarf palm-like forms, but the term has limited currency and uncertain definition beyond the particular palms it was derived to describe. The major life forms (nouns) are modified by adjectives listed in Table 16.

In this Database, any plants that are scandent are referred to as climbers, and this includes lianas, vines, hemiepiphytes, twiners, clamberers, and other ascendent or voluble habit concepts. Hemiepiphytes are separately identified in the few cases where they were clearly denoted in the Flora or literature: their number is greatly understated at this time.

### STATISTICS

As it is being developed and modified, the Database is changed on a daily basis, and statistics drawn from it also change. Thus the statistics presented in this publication may differ slightly from the reports; they represent the numbers as the reports were requested but before editorial corrections.

**TABLE 15**  
**MAJOR LIFE FORMS (HABITS)**

climber	shrub
epiphyte	shrublet
hemiep(iphyte)	subshrub
herb	tree
parasite	treelet

**TABLE 16**  
**MODIFIERS OF HABIT TYPE**

Adjective	Form used	Adjective	Form used
annual	ann	marine	marine
aquatic	aquat	parasite	paras
bushy	bushy	perennial	per
clambering	clamb	root(-climber)	root
climbing	climb	saprophyte	sapro
coarse	coarse	saxicole	saxic
epiphytic	epiph	succulent	succ
fresh-water	aquat	terrestrial	terr
giant	giant	twining	viny
hemiepiphytic	hemiep	vining	viny
		woody	woody

### SOURCES

Generally, source citations are restricted to the most recent revisions or to those where names were actually changed or records reported. Sources have been maintained within the Database documenting new province records, and this is to be found in the Taxonomic Listing (microfiche). One voucher is recorded for each name.



## BIBLIOGRAPHY RELATING TO FLORA OF PANAMA DATABASE

The following listing includes cited literature for all parts of this publication; the Introductions to Part I (this Part) and to the Taxonomic Listing (published separately on microfiche), to the Checklist (in this Part), to the Index (Part II), and to the Taxonomic Listing itself (microfiche).

- Abalo, J. E. & T. M. Antonio. 1981. A new *Heliconia* from Panama. *Baileya* 21: 139-142.
- Adams, C. D. 1972. Flowering Plants of Jamaica. Univ. West Indies: Mona, Jamaica.
- Agostini, G. 1980. Una nueva clasificación del género *Cybianthus* (Myrsinaceae). *Acta Biol. Venez.* 10: 129-185.
- Alain, H. 1962 [1963]. Flora de Cuba. vol. 5. Editorial Universitaria. Univ. Puerto Rico: Río Piedras.
- Allorge, L. 1983. Espèces et combinaisons nouvelles d'Apocynacées-Américaines. *Bull. Soc. Bot. France* 130, Lettres Bot. (4-5) 339-351.
- Almeda, F. 1980. Central American novelties in the genus *Blakea* (Melastomataceae). *Rhodora* 82: 609-615.
- \_\_\_\_\_. 1980. *Pilocosta*, A new genus of tropical American Melastomataceae. *Syst. Bot.* 5: 294-311.
- \_\_\_\_\_. 1981. The Mexican and Central American species of *Adelobotrys* (Melastomataceae). *Ann. Missouri Bot. Gard.* 68: 204-212.
- \_\_\_\_\_. 1981. New and reconsidered species of *Miconia* (Melastomataceae) from Costa Rica and Panama. *Proc. Calif. Acad. Sci.* 42: 303-314.
- \_\_\_\_\_. 1983. Three new Mesoamerican species of *Miconia* (Melastomataceae). *Brittonia* 35: 42-48.
- \_\_\_\_\_. 1984. New and noteworthy additions to the Melastomataceae of Panama. *Proc. Calif. Acad. Sci.* 43: 269-282.
- Anderson, L. C., R. L. Hartman & T. F. Stuessy. 1979. Morphology, anatomy, and taxonomic relationships of *Otopappus australis* (Asteraceae). *Syst. Bot.* 4: 44-56.
- Andersson, L. 1977. The genus *Ischnosiphon* (Marantaceae). *Opera Bot.* 43:1-114.
- Asprey, G. F. & R. G. Robbins. 1953. The vegetation of Jamaica. *Ecol. Monogr.* 23: 359-412.
- Austin, D. F., D. A. Powell & D. H. Nicolson. 1978. *Stictocardia tiliifolia* (Convolvulaceae) re-evaluated. *Brittonia* 30: 195.
- \_\_\_\_\_. & G. W. Staples. 1983. Additions and changes in the neotropical Convolvulaceae- notes on *Merremia*, *Operculina*, and *Turbina*. *J. Arnold Arboretum* 64: 483-489.
- Badillo, V. M. 1971. Monografía de la familia Caricaceae. 1-221. Assoc. Profesores: Maracay.
- Barringer, K. 1983. *Polygala dukei* (Polygalaceae), a new species from Panama. *Ann. Missouri Bot. Gard.* 70: 203-204.
- \_\_\_\_\_. 1983. Notes on Central American Aristolochiaceae. *Brittonia* 35: 171-174.
- \_\_\_\_\_. 1984. A new species of *Guatteria* (Annonaceae) from Panama. *Ann. Missouri Bot. Gard.* 71: 1186-1187.
- \_\_\_\_\_. 1985. Three new species of *Elleanthus* (Orchidaceae) from Central America. *Brittonia* 37: 286-290.
- Bockemuhl, L. 1984. Die Gattung *Odontoglossum* H.B.K. Studien zu einer natürlichen Gliederung (5. Fortsetzung). *Die Orchidee* 35: 57-58.
- Breedlove, D. E., P. E. Berry & P. H. Raven. 1982. The Mexican and Central American species of *Fuchsia* (Onagraceae) except for sect. *Encliandra*. *Ann. Missouri Bot. Gard.* 69: 209-234.
- Burger, W. 1973. Notes on the flora of Costa Rica, 3: new species in the Moraceae. *Phytologia* 26: 421-434.
- \_\_\_\_\_. 1977. Flora Costaricensis. Fagaceae in *Fieldiana Bot.* 40: 59-82.
- \_\_\_\_\_. 1983. Flora Costaricensis. *Fieldiana Bot. N.S.* 13: 1-255.
- Burt-Utley, K. 1982. New species in *Begonia* section *Gireoudia* (Begoniaceae) from Central America. *Brittonia* 34: 189-198.
- Churchill, S. P. & W. R. Buck. 1982. A taxonomic investigation of *Leptotheca* (Rhizogoniaceae). *Brittonia* 34: 1-11.
- Correll, D. S. & M. C. Johnston. 1970. Manual of the Vascular Plants of Texas. Texas Research Foundation: Renner.
- Croat, T. B. 1978. Flora of Barro Colorado Island. Stanford Univ. Press: Stanford.
- \_\_\_\_\_. 1979. *Matayba apetala* (Sapindaceae) new for the Flora of Panama. *Phytologia* 44: 381-383.
- \_\_\_\_\_. 1981. A revision of *Syngonium* (Araceae). *Ann. Missouri Bot. Gard.* 68: 565-651.
- \_\_\_\_\_. 1981. Studies in Araceae III: new species of *Anthurium* from Central America. *Selbyana* 5: 315-31.
- \_\_\_\_\_. 1983. A revision of the genus *Anthurium* (Araceae) of Mexico and Central America. Part I: Mexico and Middle America. *Ann. Missouri Bot. Gard.* 70: 211-420.
- \_\_\_\_\_. 1985. The large monocots of Panama. Pp. 5-12 in W. G. D'Arcy & M. D. Correa A., The Botany and Natural History of Panama: La Botánica e Historia Natural de Panamá. *Monogr. Syst. Bot. Missouri Bot. Gard.* Vol. 10.
- \_\_\_\_\_. 1986. A revision of the genus *Anthurium* (Araceae) of Mexico and Central America. Part III: Panama. *Monogr. Syst. Bot. Missouri Bot. Gard.* Vol. 14.



- \_\_\_\_\_ & R. L. Baker. 1979. The genus *Anthurium*. Brenesia 16 Suppl. 1: 1-174.
- Cuatrecasas, J. 1982. Miscellaneous notes on Neotropical Flora XV. Phytologia 52: 166-177.
- Dalla Torre, C. G. & H. Harms. 1900-1907. Genera Siphonogamarum. G. Engelmann: Leipzig.
- D'Arcy, W. G. 1975. New names and species of neotropical plants: Compositae. Phytologia 30: 5-6.
- \_\_\_\_\_. 1981a. The Flora of Panama: historical outline and selected bibliography. Ann. Missouri Bot. Gard. 67: v-viii.
- \_\_\_\_\_. 1981b. A new species of *Hernandia* (Hernandiaceae) from Panama. Ann. Missouri Bot. Gard. 68: 224-225.
- \_\_\_\_\_. 1985. Publication of *Verbesina fuscasiccans*. Phytologia 56: 500.
- \_\_\_\_\_ & R. L. Liesner. 1981. *Hedyosmum* (Chloranthaceae) in Panama. Syst. Bot. 6: 74-86.
- \_\_\_\_\_ & B. Hammel. 1985. The plants of 'Ocoquili' Island, San Blas Coast, Panama. Ann. Missouri Bot. Gard. 72: 264-267.
- \_\_\_\_\_. J. L. Gentry & J. E. Averett. 1981. Recognition of *Brachistus* (Solanaceae). Ann. Missouri Bot. Gard. 68: 227-228.
- \_\_\_\_\_ & M. D. Correa A. 1985. The Botany and Natural History: La Botánica e Historia Natural de Panamá. Monogr. Syst. Bot. Missouri Botanical Garden. Vol. 10.
- Davidse, G., T. R. Soderstrom & R. P. Ellis. 1986. *Pohlidium petiolatum* (Poaceae: Centothecae), a new genus and species from Panama. Syst. Bot. 11: 131-144.
- Dietrich, H. & M. A. Diaz D. 1984. Eine neue blattlose Orchidee für Panama: *Campylocentrum dressleri* H. Dietrich et M. Diaz. Die Orchidee 35: 28-30.
- Dodson, C. H. in C. H. Dodson. 1980. Icones Plantarum Tropicarum pl. 155.
- Dressler, R. L. 1972. Terrestrial plants of Panama. Bull. Biol. Soc. Washington 2: 179-186.
- \_\_\_\_\_. 1979. A distinctive new *Hexisea* from Panama: *Hexisea arctata* Dressler. Orquidea (Mex.) 7: 222-225.
- \_\_\_\_\_. 1979. Una *Sievekingia* llamativa de Panamá. Orquideol. 13: 221-227.
- \_\_\_\_\_. 1980. A new name for the dwarf purple *Anthurium*. Aroideana 3: 55.
- \_\_\_\_\_. 1980. Checklist of the orchids of Panama. Pp. I-XXVI in Orchids of Panama. Monogr. Syst. Bot. Missouri Bot. Gard. Vol. 4: 1-26.
- \_\_\_\_\_. 1981. *Maxillaria insolita*, especie nueva Panameña. Orquideol. 14: 203-208.
- \_\_\_\_\_. 1981. El género *Neowilliamsia* Garay. Orquidea (Mex.) 8: 27-36.
- \_\_\_\_\_. 1981. Dos *Kefersteinia* nuevas de Panamá. Orquideol. 16: 47-62.
- \_\_\_\_\_. 1983. *Palmorchis* in Panama mit einer neuen Art, *Palmorchis nitida*, an einem unerwarteten Standort. Die Orchidee 34: 25-31.
- \_\_\_\_\_. 1983. Eine charakteristische neue *Cochleanthes* aus Panama: *Cochleanthes anatona*. Die Orchidee 34: 157-161.
- \_\_\_\_\_. 1983. Otra nueva *Neowilliamsia* de Panamá. Orquidea (Mex.) 9: 32-30.
- Dwyer, J. D. 1985. The history of plant collecting in Panama. Pp. 179-183 in W. G. D'Arcy & M. D. Correa A., The Botany and Natural History of Panama: La Botánica e Historia Natural de Panamá. Monogr. Syst. Bot. Missouri Bot. Gard. Vol. 10.
- Edmonds, J. M. 1986. Biosystematics of *Solanum sarrachoides* Sendtner and *S. physalifolium* Rusby (*S. nitidibaccatum* Bitter). Bot. J. Linn. Soc. (London) 92: 1-38.
- Fallen, M. E. 1983. A systematic revision of *Anechites* (Apocynaceae). Brittonia 35: 222-231.
- Fontella Pereira, J. 1977. Revisão taxonômica do gênero *Tassadia* Decaisne (Asclepiadaceae). Arquivos Jard. Bot. Rio de Janeiro 21: 235-359.
- Fosberg, F. R. 1965. Revision of *Albizia* sect. *Pachysperma* (Leguminosae-Mimosoideae). Reinwardtia 7: 71-90.
- Fryxell, P. A. 1981. Revision and expansion of the neotropical genus *Wercklea* (Malvaceae). J. Arnold Arboretum 62: 457-486.
- Gates, B. 1982. *Banisteriopsis*, *Diploteris* (Malpighiaceae). Fl. Neotrop. Monogr. 30.
- Gentry, A. H. 1980. Bignoniaceae: Part 1. Fl. Neotrop. 25: 1-117.
- \_\_\_\_\_. 1982. New or noteworthy species of Middle American Bignoniaceae. Wrightia 7: 83-89.
- \_\_\_\_\_. 1985. Studies in Bignoniaceae 48: new South American species of Bignoniaceae. Phytologia 57: 240-248.
- Glassman, S. F. 1972. A revision of B. E. Dahlgren's Index of American Palms. Phanerog. Monogr. 6. Verlag Von Cramer.
- Goldblatt, P. 1978. An analysis of the flora of southern Africa: its characteristics, relationships, and origins. Ann. Missouri Bot. Gard. 65: 369-436.
- Gómez P., L. 1982. Plantae Mesoamericanae Novae. VI. Phytologia 52: 153-156.



- Gould, F. W. 1979. The genus *Bouteloua* (Poaceae). Ann. Missouri Bot. Gard. 66: 348-413.
- Grayum, M. & B. Hammel. 1982. Three new species of Cyclanthaceae from the Caribbean lowlands of Costa Rica. Syst. Bot. 7: 221-229.
- Hamilton, C. W. 1985. Notes on and descriptions of seven new species of Mesoamerican Clethraceae. Ann. Missouri Bot. Gard. 72: 539-543.
- Hammel, B. & W. G. D'Arcy. 1981. New taxa from the uplands of western Panama. Ann. Missouri Bot. Gard. 68: 213-217.
- Hamer, F. & C. H. Dodson in C. H. Dodson. 1982. Icones Plantarum Tropicarum Pl. 800.
- Harling, G. 1958. Monograph of the Cyclanthaceae. Act. Hort. Berg. 18: 1-428.
- Hatfield, G. M. et al. 1981. An investigation of Panamanian ipecac: botanical source and alkaloid analysis. J. Nat. Prod. 44: 452-456.
- Hekking, W. H. A. 1979. Studies on neotropical Violaceae tribe Rinoreae I. Phytologia 43: 461-489.
- Holmes, W. C. & S. McDaniel. 1979. Notes on *Mikania* (Compositae) V. Phytologia 41: 187.
- ICBN. 1966. International Code of Botanical Nomenclature. Regnum Veg. 46. Int. Bureau for Plant Taxonomy and Nomenclature: Utrecht.
- ICBN. 1972. International Code of Botanical Nomenclature. Regnum Veg. 82. A. Oosthoek's Uitgev.: Utrecht.
- ICBN. 1978. International Code of Botanical Nomenclature. Regnum Veg. 97. Bohn, Scheltema & Holkema: Utrecht.
- ICBN. 1983. International Code of Botanical Nomenclature. Regnum Veg. 111. Bohn, Scheltema & Holkema: Utrecht.
- Ilitis, H. 1981. Studies in the Capparidaceae XV: *Capparis panamensis*, n. sp. Ann. Missouri Bot. Gard. 68: 681-685.
- Irwin, H. S. & R. C. Barneby. 1978. Monographic studies in *Cassia* (Leguminosae-Caesalpinioideae). III. Sections *Absus* and *Grimaldia*. Mem. New York Bot. Gard. 30: 1-300.
- \_\_\_\_\_ & \_\_\_\_\_. 1982. The American Cassiinae: a synoptical revision of Leguminosae tribe Cassieae subtribe Cassiinae in the New World. Mem. New York Bot. Gard. 35(1-2): 1-918.
- Janzen, D. H. 1974. Swollen-thorn acacias of Central America. Smithsonian Contr. Bot. 13: 1-101.
- Jenny, R. 1983. Die Gongorinae, 6. *Gongora* Teil VI. *Gongora gibba*, *Gongora aromatica*, *Gongora grossa*, *Gongora fulva*. Die Orchidee 34: 147-157.
- \_\_\_\_\_. 1984. Die Gongorinae, 6. *Gongora* Teil IX. *Gongora claviodora* und *Gongora odoratissima*. Die Orchidee 35: 172-176.
- Johnson, I. M. 1949. The botany of San José Island. Sargentia 8: 1-306.
- Johnston, M. C. & L. A. Johnston. 1978. *Rhamnus*. Fl. Neotrop. Monogr. 20: 1-96.
- Kaastra, R. C. 1982. Pilocarpinae (Rutaceae). Fl. Neotrop. 33: 1-185.
- Keil, D. & T. Stuessy 1981. Systematics of *Isocarpha* (Compositae: Eupatorieae). Syst. Bot. 6: 258-287.
- \_\_\_\_\_. 1981. *Pectis linifolia* (Composite: Tageteae) added to the flora of Panama. Ann. Missouri Bot. Gard. 68: 225.
- Kennedy, H. 1978. Notes on Central American Marantaceae III. New species of *Calathea* from Costa Rica and Panama. Brenesia 8: 351.
- \_\_\_\_\_. 1978. *Calathea elegans* and *C. spiralis* — new Panamanian Marantaceae. Bot. Not. 131: 349.
- \_\_\_\_\_. 1978. Systematics and pollination of the "closed-flowered" species of *Calathea* (Marantaceae). Univ. Calif. Pub. Bot. 71: 41.
- King, R. M. & H. Robinson. 1983. Studies in the Eupatorieae (Asteraceae) CCXVI: various new species from the Andes and Panama. Phytologia 54: 36-51.
- \_\_\_\_\_. 1985. Studies in the Eupatorieae (Asteraceae). CCXXI. Additional species from tropical America. Phytologia 58: 258-272.
- Knapp, S. D. 1986. A revision of *Solanum* section *Geminata* (G. Don) Walpers. Ph.D. thesis, Cornell Univ.
- Kress, J. 1981. New Central American taxa of *Heliconia* (Heliconiaceae). J. Arnold Arboretum 62: 244-260.
- \_\_\_\_\_. 1984. Systematics of Central American *Heliconia* (Heliconiaceae) with pendent inflorescences. J. Arnold Arboretum 64: 429-532.
- Krukoff, B. A. 1979. Supplementary notes on the American species of *Strychnos* XVI. Phytologia 41: 201-238.
- \_\_\_\_\_. 1982. Supplementary notes on American Menispermaceae XVII. Phytologia 50: 80-111.
- Leeuwenberg, A. J. M. 1974 [1975]. The Loganiaceae of Africa XII. A revision of *Mitreola*. Meded. Landbrouwhogeschool 74-23:1-28.
- \_\_\_\_\_. 1976. The Apocynaceae of Africa I: *Tabernaemontana* L. Adansonia sér. 2, 16: 383-392.
- León, J. 1966. Central American and West Indian species of *Inga* (Leguminosae). Ann. Missouri Bot. Gard. 53: 115-264.
- Linnaeus, C. 1753. Species Plantarum. Stockholm.
- Lleras, E. 1978. Trigoniaceae. Fl. Neotrop. Monogr. 19:1-73.



- Luer, C. A. 1979. Icones Pleurothallidarum: miscellaneous new species in the Pleurothallidinae. *Selbyana* 5: 145-196.
- \_\_\_\_\_. 1981. Miscellaneous new species and combinations in the Pleurothallidinae (Orchidaceae). *Phytologia* 49: 197-240.
- \_\_\_\_\_. 1981. Miscellaneous new species and combinations in the Pleurothallidinae (Orchidaceae). *Phytologia* 55: 1175-203.
- \_\_\_\_\_. 1981. Miscellaneous new species and combinations in the Pleurothallidinae (Orchidaceae). *Phytologia* 57: 59-64.
- \_\_\_\_\_. 1982. Miscellaneous new species and combinations in the Pleurothallidinae (Orchidaceae). *Selbyana* 7: 100-128.
- \_\_\_\_\_. 1983. Miscellaneous new species in the Pleurothallidinae (Orchidaceae). *Phytologia* 54: 379-380.
- Lundell, C. 1979. Neotropical Myrsinaceae. *Wrightia* 5: 277-300.
- \_\_\_\_\_. 1980. Neotropical Myrsinaceae. *Wrightia* 6: 101-119.
- \_\_\_\_\_. 1981. Studies of American plants XX. *Phytologia* 48: 131-136.
- \_\_\_\_\_. 1981. Neotropical Myrsinaceae IV. *Phytologia* 48: 137-142.
- \_\_\_\_\_. 1981. Neotropical Myrsinaceae VI. *Phytologia* 49: 341-354.
- \_\_\_\_\_. 1982. Neotropical Myrsinaceae VII. *Wrightia* 7: 38-50.
- \_\_\_\_\_. 1983. Neotropical Myrsinaceae X. *Phytologia* 54: 285.
- \_\_\_\_\_. 1984. Neotropical Myrsinaceae XI. *Phytologia* 55: 235-242.
- \_\_\_\_\_. 1984. Neotropical Myrsinaceae XII. *Phytologia* 56: 19-27.
- \_\_\_\_\_. 1985. Neotropical species of the genus *Perrottetia* (Celastraceae). *Phytologia* 57: 231-238.
- \_\_\_\_\_. 1985. Neotropical Myrsinaceae XVI. *Phytologia* 57: 449-452.
- \_\_\_\_\_. 1985. Neotropical Myrsinaceae XVII. *Phytologia* 58: 273-278.
- Luteyn, J. L. 1983. Ericaceae-Part 1. *Cavendishia*. *Fl. Neotrop. Monogr.* 35: 1-290.
- Markgraf, F. et al. 1981. Two new species of *Bonafousia* (Apocynaceae) from Panama and Colombia-Ecuador. *Ann. Missouri Bot. Gard.* 68: 677-680.
- Maas, P. J. M. 1981. On the true identity of *Lagenanthus parviflorus* Ewan (Gentianaceae). *Ann. Missouri Bot. Gard.* 68: 685-686.
- Marques, Maria do Carmo Mendes. 1979. Revisão das espécies do gênero *Polygala* L. (Polygalaceae) do Estado do Rio de Janeiro. *Rodriguésia* 31: 69-341.
- Mathias, M. E. & L. Constance. 1962. The Andean genus *Niphogeton* (Umbelliferae) revisited. *Brittonia* 14: 154.
- \_\_\_\_\_. 1973. New and reconsidered Mexican Umbelliferae. *Contr. Univ. Mich. Herb.* 11: 1-24.
- \_\_\_\_\_. & W. L. Theobald. 1981. A revision of the genus *Hyperbaena* (Menispermaceae). *Brittonia* 33: 81-104.
- McDade, L. A. 1982. Three new species of *Aphelandra* (Acanthaceae) from Central America. *Ann. Missouri Bot. Gard.* 69: 402-411.
- Mears, J. A. 1977. The nomenclature and type collections of the widespread taxa of *Alternanthera* (Amaranthaceae). *Proc. Acad. Nat. Sci. Philadelphia* 129: 1-21.
- \_\_\_\_\_. 1980. The Linnaean species of *Gomphrena* L. (Amaranthaceae). *Taxon* 29: 85-95.
- Moldenke, H. N. 1979. Additional notes on the genus *Congea* II. *Phytologia* 45: 270-280.
- \_\_\_\_\_. 1983. Notes on Eriocaulaceae. *Phytologia* 54: 69-81.
- \_\_\_\_\_. 1983. Sixth summary supplement. *Phytologia* 54: 228-245.
- Murphy, H. 1986. A revision of the genus *Fischeria* (Asclepiadaceae). *Syst. Bot.* 11: 229-241.
- Odyssey 1966. *The Odyssey World Atlas*. Golden Press: New York.
- Ornduff, R. 1979. Neotropical *Nymphoides* (Menyanthaceae). *Brittonia* 21: 346-352.
- Pennington, T. D. 1981. Meliaceae. *Fl. Neotrop. Monogr.* 28: 1-470.
- Pipoly, J. J. & C. L. Lundell. 1982. Contributions toward a monograph of *Cybianthus* (Myrsinaceae) II. *Wrightia* 7: 52-54.
- Pilz, G. E. 1981. Sapotaceae of Panama. *Ann. Missouri Bot. Gard.* 68: 172-203.
- Polhill, R. M. & W. T. Stearn. 1976. Linnaeus's notes on Plumier drawings with special reference to *Mimosa latisiliqua*. *Taxon* 25: 323-325.
- \_\_\_\_\_. & P. H. Raven. 1981. *Advances in Legume Systematics*. 2 vols. Royal Botanic Gardens: Kew.
- Porter, D. M. 1970. A new *Tetragastris* (Burseraceae) from Panama. *Madroño* 20: 346-347.
- Prance, G. T. 1983. Additions to neotropical Dichapetalaceae. *Brittonia* 35: 49-54.
- \_\_\_\_\_. Prance, G. T. & S. A. Mori. 1979. Lecythidaceae—Part 1 The Actinomorphic-flowered New World Lecythidaceae (*Asteranthos*, *Gustavia*, *Grias*, *Allantoma*, & *Cariniana*). *Fl. Neotrop. Monogr.* 21: 1-270.
- Raven, P. H. & D. I. Axelrod. 1978. Origin and relationships of the California Flora. *Univ. Calif. Pub. Bot.* 72: 1-134.
- Rhodes, D. G. A revision of the genus *Cissampelos*. *Phytologia* 30: 415-484.
- Robertson, K. 1982. *Odonella*, a new genus of Convolvulaceae from tropical America. *Brittonia* 34: 417-423.
- Robbrecht, R. 1982. The identity of the Panamanian genus *Dressleriopsis* (Rubiaceae). *Ann. Missouri Bot. Gard.* 69: 429.
- Rodríguez-Carrasquilla, H. A. 1980. Studies in neotropical Sapotaceae III. *Phytologia* 45: 287-288.
- Rohwer, J. 1982. A taxonomic revision of the genera *Seguieria* Loefl. and *Gallesia* Casar. *Mitt. Staatssaml. Bot. München* 18: 231-288.



- Rudd, V. E. 1981. Two new species of *Paramachaerium* (Leguminosae) and a brief résumé of the genus. *Brittonia* 33: 435-440.
- \_\_\_\_\_. 1982. *Dalbergia darienensis* (Leguminosae), a new species from Panama. *Phytologia* 50: 183-184.
- Seemann, B. 1854. The Botany of the H.M.S. *Herald* (Flora of the Isthmus of Panama). London.
- Senghas, K. & L. Bockemuhl. 1984. *Brassavola glauca* Lindl. 1839. *Die Orchidee* 35: 107.
- Seymour, F. C. 1981. Bipinnate Leguminosae of Nicaragua. *Phytologia* 48: 1-72.
- Seigerist, E. 1984 [1985]. Herbarium specimens of the Orchidaceae of Central Central America. *Selbyana* 7: 281-311.
- Sheffer, R.C., W. L. Theobald & H. Kamemoto. 1980. Taxonomy of *Anthurium scandens* (Araceae). *Aroideana* 3: 86-93.
- Smith, L. B. & R. W. Read. 1979. Notes on Bromeliaceae XL. *Phytologia* 41: 329-345.
- Snelders, H. C. in P. J. M. Maas & H. C. Snelders. 1981. Burmanniaceae in Notes on New World saprophytes II. *Acta Bot. Neerl.* 30: 140-143.
- Soderstrom, T. R. 1982. *Cryptochloa dressleri* (Poaceae), a new bambusoid grass from Panama. *Brittonia* 34: 25-29.
- \_\_\_\_\_. & F. O. Zuloaga. 1985. New species of grasses in *Arberella*, *Cryptochloa*, and *Raddia* (Poaceae: Bambusoideae: Olyreae). *Brittonia* 37: 22-35.
- Sohmer, S. H. 1977. A revision of *Chamissoa*. *Bull. Torrey Bot. Club* 104: 111-126.
- Stafleu, F. A. & R. S. Cowan. 1976-. Taxonomic Literature. *Regnum Veg.* 94, 98, 105, 110, 112, 115. Bohn, Scheltema & Holkema: Utrecht.
- Standley, P. C. 1927. The flora of Barro Colorado Island. *Smithsonian Misc. Collect.* 78(8): 1-132.
- \_\_\_\_\_. 1928. Flora of the Panama Canal Zone. *Contr. U. S. Natl. Herb.* 27: 1-416.
- Stearn, W. T. 1971. Linnaean classification, nomenclature, and method. Appendix, Pp. 242-249 in W. Blunt. *The Compleat Naturalist: A Life of Linnaeus*. Viking: New York.
- Steyermark, J. A. 1963. Flora of Missouri. Iowa Univ. Press: Ames.
- \_\_\_\_\_. 1984. Piperaceae. Vol 2, part 2. Flora de Venezuela. Inst. Nac. Parques.
- Taylor, C. M. & D. Lorence. 1985. Lectotypification of *Palicourea galeottiana* M. Martens (Rubiaceae) and a new name for this common species. *Taxon* 34: 669.
- The World Almanac & Book of Facts 1981. Newspaper Enterprise Association, Inc: New York.
- Torres, A. M. 1968. Revision of *Jaegeria* (Compositae- Heliantheae). *Brittonia* 20: 52- 73.
- Tucker, G. C. 1983. The taxonomy of *Cyperus* (Cyperaceae) in Costa Rica and Panama. *Syst. Bot. Monogr.* 2: 1-85.
- \_\_\_\_\_. 1986. The species of *Cyperus* described by Liebmann in "Mexicos halvgraes." *Syst. Bot.* 11: 14-19.
- Utley, J. F. 1983. A revision of the Middle American thecophylloid *Vrieseas* (Bromeliaceae). *Tulane Stud. Zool. Bot.* 24: 1-81.
- Van Beek, T. A., R. Verpoorte, A. Baerheim Svendsen, A. J. M. Leeuwenberg, & N. G. Bisset. 1984. *Tabernaemontana* L. (Apocynaceae): a review of its taxonomy, phytochemistry, ethnobotany and pharmacology. *J. Ethnopharmacol.* 10: 1-156.
- Van der Werff, H. 1984. Notes on neotropical Lauraceae. *Ann. Missouri Bot. Gard.* 71: 1180-1183.
- Weber, W. A. 1982. Mnemonic three-letter acronyms for the families of vascular plants: a device for more effective herbarium curation. *Taxon* 31: 74-88.
- Whalen, M. D. et al. 1981. Taxonomy of *Solanum* section *Lasiocarpa*. *Gentes Herb.* 12: 1-129.
- Wilbur, R. L. 1981. Additional Panamanian species of *Burmeistera* (Campanulaceae: Lobelioideae). *Ann. Missouri Bot. Gard.* 68: 167-171.
- \_\_\_\_\_. & J. L. Luteyn. 1981. Additions to the Ericaceae of Panama. *Missouri Bot. Gard.* 68: 154-166.
- Wilder, G.J. 1978. Two new species and a new subgenus of Cyclanthaceae. *J. Arnold Arboretum* 59: 74-102.
- Williams, L.O. & P.H. Allen. 1980. Orchids of Panama. *Monogr. Syst. Bot. Missouri Botanical Garden*. Vol. 4. [facsimile reprint of Orchidaceae fascicles from Flora of Panama with checklist by R.E. Dressler.]
- Willis, J. C. 1966. A Dictionary of Flowering Plants and Ferns. ed. 7, rev. H. K. Airy Shaw. Cambridge Univ. Press: Cambridge.
- Windler, D. R. 1966. A revision of the genus *Neptunia* (Leguminosae). *Austral. J. Bot.* 14: 379-420.
- Wit, H. C. D. de. 1974. Typification of *Leucaena leucocephala* (Lam.) de Wit, *Lysiloma latisiliquum* (L.) Bth., and *Acacia glauca* (L.) Moench. *Taxon* 24: 349-352.
- Woodson, Robert E., Jr. 1943-1981. Flora of Panama. *Ann. Missouri Bot. Gard.*, various issues, vols. 30-67.
- Wunderlin, R. P. 1973. The tribe Cerceae and a revision of *Bauhinia* subgenus *Bauhinia* in Middle America and Antilles. Ph.D. thesis. Pp. 360. St. Louis Univ.
- Wurdack, J. J. 1981. Certamen Melastomataceis XXXII. *Phytologia* 48: 238-252.



**TABLE 17**  
**SYMBOLS FOR OCCURRENCES OUTSIDE OF PANAMA**      **1. BY SYMBOL.**

abc . . . Aruba, Bonaire, Curaçao	ecu . . . Ecuador	lag . . . Lesser Antilles (general)	per . . . Peru
afr . . . Africa	end . . . endemic to Panama	mex . . . Mexico	pr . . . Puerto Rico
ang . . . Antilles (general)	eur . . . Florida	nag . . . North America	sag . . . South America general
asi . . . Asia	exp . . . to be expected in Panama	nao . . . U.S.A.	sal . . . El Salvador
bah . . . Bahamas	fla . . . Florida	nas . . . Southern United States	sao . . . South America other (Brazil, etc.)
bel . . . Belize	gag . . . Greater Antilles (general)	nic . . . Nicaragua	sat . . . South America tropical
bol . . . Bolivia	gal . . . Galapagos	not . . . not in Panama	tex . . . Texas
cag . . . Central America (general)	gua . . . Guatemala	nwg . . . New World (general)	trt . . . Trinidad, Tobago
cal . . . California	gui . . . Guianas	nwt . . . New World (tropical)	ven . . . Venezuela
col . . . Colombia	his . . . Hispaniola	oce . . . Oceania (incl. Australia)	wdt . . . Pantropical
cr . . . Costa Rica	hon . . . Honduras	owg . . . Old World general	wdw . . . Cosmopolitan (worldwide)
cub . . . Cuba	jam . . . Jamaica	owt . . . Old World tropical	wr . . . without range

**SYMBOLS FOR OCCURRENCES OUTSIDE OF PANAMA**      **2. BY REGION.**

<b>PANAMA</b> endemic . . . . . end to be expected in Panama . . . exp not in Panama . . . . . not	<b>NORTH AMERICA</b> Florida . . . . . fla Texas . . . . . tex California . . . . . cal Mexico . . . . . mex Southern United States . . . nas United States . . . . . nao (North America other) North America . . . . . nag (North America general, includes Canada)	<b>SOUTH AMERICA</b> Colombia . . . . . col Venezuela . . . . . ven Guianas . . . . . gui Ecuador . . . . . ecu Galapagos . . . . . gal Peru . . . . . per Bolivia . . . . . bol South America tropical . . . sat South America general . . . sag South America other . . . . . sao (includes Brazil)	<b>ANTILLES</b> Bahamas . . . . . bah Cuba . . . . . cub Hispaniola . . . . . his Puerto Rico . . . . . pr Trinidad, Tobago . . . . . trt Aruba, Bonaire, Curaçao . . . abc Greater Antilles general . . . gag Lesser Antilles general . . . lag Antilles general . . . . . ang	<b>OLD WORLD</b> Africa . . . . . afr Europe . . . . . eur Asia . . . . . asi Oceania . . . . . oce Old World general . . . . . owg Old World tropical . . . . . owt
<b>CENTRAL AMERICA</b> Costa Rica . . . . . cr Nicaragua . . . . . nic El Salvador . . . . . sal Guatemala . . . . . gua Belize . . . . . bel Central America general . . . cag	<b>GENERAL</b> Pantropical . . . . . wdt (worldwide, tropical) Cosmopolitan (worldwide) . . . wdw Without range . . . . . wr	<b>NEW WORLD</b> New World tropical . . . . . nwt New World general . . . . . nwg		
<b>ELEVATION SYMBOLS</b> 0 . . below 1000 m 1 . . 1,000–2,000 m 2 . . 2,000–3,000 m 3 . . 3,000 m and over we . . elevation not available				



**TABLE 18**  
**LIST OF FAMILIES**

Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)	Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)	Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)
ACANTHACEAE	ACA	266	(177)	CAMPANULACEAE	CAM	276	(183)	DROSERACEAE	DRS	112	(76a)
AIZOACEAE	AIZ	84	(57)	CASUARINACEAE	CAS	51	(—)	DIOSCOREACEAE	DSC	43	(26)
ALISMATACEAE	ALI	15	(4)	CYCADACEAE	CCD	1	(1)	EBENACEAE	EBN	240	(155)
AMARANTHACEAE	AMA	79	(53)	COCHLOSPERMACEAE	CCH	195	(126)	ELAEOCARPACEAE	ELC	171	(113)
AMARYLLIDACEAE	AML	40	(24)	CARYOCARACEAE	CCR	183	(120)	ERICACEAE	ERI	233	(148, 149)
ANACARDIACEAE	ANA	153	(101)	CELASTRACEAE	CEL	158	(103)	ERIOCAULACEAE	ERO	30	(15)
ANNONACEAE	ANN	98	(67)	CHENOPODIACEAE	CHN	78	(52)	ERYTHROXYLACEAE	ERX	134	(87)
APOCYNACEAE	APO	247	(162)	CISTACEAE	CIS	193	(124)	EUPHORBIACEAE	EUP	147	(97)
AQUIFOLIACEAE	AQF	157	(102)	CLETHRACEAE	CLE	230	(147)	FAGACEAE	FAG	62	(41)
ARACEAE	ARA	23	(11)	CALLITRICHACEAE	CLL	148	(98)	FLACOURTIACEAE	FLC	199	(128)
ARALIACEAE	ARL	227	(144)	CHLORANTHACEAE	CLR	54	(35)	GENTIANACEAE	GEN	246	(160, 161)
ARISTOLOCHIACEAE	ARS	74	(50)	COMBRETACEAE	CMB	221	(139)	GERANIACEAE	GER	129	(85)
ARAUCARIACEAE	ARU	6	(—)	COMMELINACEAE	CMM	33	(18)	GNETACEAE	GNE	7	(2a)
ASCLEPIADACEAE	ASC	248	(163)	COMPOSITAE	CMP	280	(184)	GRAMINEAE	GRM	19	(7)
AVICENNIACEAE	AVI	253a	(168a)	CANNACEAE	CNA	47	(31)	GESNERIACEAE	GSN	262	(175)
BASELLACEAE	BAS	86	(58a)	CONNARACEAE	CNN	127	(82)	GUTTIFERAE	GUT	187	(123)
BATACEAE	BAT	81	(55)	CONVOLVULACEAE	CNV	249	(164)	HAEMODORACEAE	HAE	39	(23)
BEGONIACEAE	BEG	208	(133)	CORNACEAE	COR	229	(146)	HALORAGACEAE	HAL	225	(143)
BERBERIDACEAE	BER	93	(63)	CAPPARACEAE	CPP	107	(73)	HIPPOCASTANACEAE	HCS	164	(107)
BETULACEAE	BET	61	(40)	CAPRIFOLIACEAE	CPR	271	(180)	HYDROCHARITACEAE	HDC	17	(5a)
BIGNONIACEAE	BIG	258	(172)	CARICACEAE	CRC	205	(131)	HUMIRIACEAE	HOU	133	(87a)
BIXACEAE	BIX	194	(125)	CORIARIACEAE	CRR	151	(100)	HIPPOCRATEACEAE	HPC	159	(104)
BALSAMINACEAE	BLS	168	(110)	CRASSULACEAE	CRS	115	(77)	HERNANDIACEAE	HRN	103	(71)
BROMELIACEAE	BML	32	(17)	CRUCIFERAE	CRU	105	(74)	HYDROPHYLLACEAE	HYD	251	(166)
BURMANNIACEAE	BMN	49	(28)	CARYOPHYLLACEAE	CRY	87	(59)	HYPERICACEAE	HYP	187	(123a)
BRUNELLIACEAE	BNL	119	(80a)	CERATOPHYLLACEAE	CTP	89	(61)	ICACINACEAE	ICC	162	(106)
BALANOPHORACEAE	BNP	73	(49)	CUCURBITACEAE	CUC	275	(182)	IRIDACEAE	IRI	44	(27)
BOMBACACEAE	BOM	177	(116)	CUNONIACEAE	CUN	120	(80)	JUGLANDACEAE	JUG	60	(39)
BORAGINACEAE	BOR	252	(167)	CYCLANTHACEAE	CYC	22	(10)	JUNCACEAE	JUN	36	(20)
BURSERACEAE	BRS	139	(91)	CYPERACEAE	CYP	20	(8)	LABIATAE	LAB	254	(169)
BUTOMACEAE	BUT	16	(5)	CYRILLACEAE	CYR	154	(101a)	LAURACEAE	LAU	102	(70)
BUXACEAE	BUX	149	(99)	DICHAPETALACEAE	DCH	146	(96a)	LACISTEMATACEAE	LCS	55	(36)
CACTACEAE	CAC	210	(134)	DILLENIACEAE	DLL	180	(118)	LECYTHIDACEAE	LCY	219	(137)



TABLE 18  
LIST OF FAMILIES (continued)

Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)	Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)	Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)
LEGUMINOSAE	LEG	128	(83)	OLEACEAE	OLE	243	(158)	RUTACEAE	RUT	137	(89)
LILIACEAE	LIL	38	(21, 22)	ONAGRACEAE	ONA	224	(142)	SABIACEAE	SAB	166	(109)
LEMNACEAE	LMN	24	(12)	OPILIACEAE	OPI	71	(47)	SALICACEAE	SAL	56	(37)
LENTIBULARIACEAE	LNT	264	(176)	ORCHIDACEAE	ORC	50	(33)	SAPINDACEAE	SAP	165	(108)
LOASACEAE	LOA	206	(132)	OROBANCHACEAE	ORO	261	(174)	SAXIFRAGACEAE	SAX	117	(79)
LOGANIACEAE	LOG	245	(159)	OXALIDACEAE	OXL	130	(84)	SCROPHULARIACEAE	SCR	257	(171)
LORANTHACEAE	LOR	67	(46)	PALMAE	PAL	21	(9)	SIMAROUBACEAE	SMR	138	(90)
LYTHRACEAE	LYT	216	(136)	PAPAVERACEAE	PAP	104	(72)	SOLANACEAE	SOL	256	(170)
MAGNOLIACEAE	MAG	95	(65)	PASSIFLORACEAE	PAS	203	(130)	SAPOTACEAE	SPT	239	(154)
MARTYNIACEAE	MAR	260	(—)	PODOCARPACEAE	PDC	5	(2)	STAPHYLEACEAE	STP	161	(105)
MAYACACEAE	MAY	28	(13)	PODOSTEMACEAE	PDS	113	(78)	STERCULIACEAE	STR	178	(117)
MELIACEAE	MEL	140	(92)	PEDALIACEAE	PED	259	(173)	STYRACACEAE	STY	241	(156)
MALPIGHIACEAE	MLP	141	(93)	POLYGALACEAE	PGL	145	(96)	SYMPLOCACEAE	SYM	242	(157)
MELASTOMATAACEAE	MLS	223	(141)	PHYTOLACCACEAE	PHT	83	(56)	THEACEAE	TEA	186	(122)
MALVACEAE	MLV	175	(115)	PIPERACEAE	PIP	53	(34)	THEOPHRASTACEAE	TEO	135a	(151)
MONIMIACEAE	MNM	101	(69)	PLUMBAGINACEAE	PLB	238	(153)	THYMELAEACEAE	THY	214	(135)
MENISPERMACEAE	MNS	94	(64)	POLYGONACEAE	PLG	77	(51)	TILIACEAE	TIL	174	(114)
MENYANTHACEAE	MNY	546a	(161)	POLEMONIACEAE	PLM	250	(165)	TURNERACEAE	TNR	201	(129)
MORACEAE	MOR	64	(43)	PONTEDERIACEAE	PON	34	(19)	TOVARIACEAE	TOV	106	(73a)
MARCGRAVIACEAE	MRC	184	(121)	PORTULACACEAE	POR	85	(58)	TRIGONIACEAE	TRG	142	(94)
MORINGACEAE	MRG	109	(76)	POTAMOGETONACEAE	POT	11	(3a)	TRIURIDACEAE	TRI	18	(6)
MARANTACEAE	MRN	48	(32)	PRIMULACEAE	PRM	237	(152)	TROPAEOLACEAE	TRP	131	(86)
MYRSINACEAE	MRS	236	(150)	PROTEACEAE	PRT	66	(45)	TYPHACEAE	TYP	8	(3)
MYRTACEAE	MRT	222	(140)	QUIINACEAE	QII	185	(121a)	ULMACEAE	ULM	63	(42)
MUSACEAE	MUS	45	(29)	RAFFLESIIACEAE	RAF	75	(50a)	UMBELLIFERAE	UMB	228	(145)
MYRICACEAE	MYR	57	(38)	RANUNCULACEAE	RAN	91	(62)	FAMILY UNKNOWN	UNK	500	(—)
MYRISTICACEAE	MYS	99	(68)	RHAMNACEAE	RHM	169	(111)	FAMILY UNKNOWN	UNP	300	(—)
NAJADACEAE	NAJ	12	(3B)	RHIZOPHORACEAE	RHZ	220	(138)	(PTERIDOPHYTE)			
NYCTAGINACEAE	NYC	80	(54)	ROSACEAE	ROS	126	(81)	NOT VASCULAR PLANT	UNV	501	(—)
NYMPHAEACEAE	NYM	88	(60)	RAPATEACEAE	RPT	31	(16)	URTICACEAE	URT	65	(44)
OCHNACEAE	OCH	182	(119)	RESEDACEAE	RSD	108	(75)	VALERIANACEAE	VAL	273	(181)
OLACACEAE	OLC	72	(48)	RUBIACEAE	RUB	270	(179)	VIOLACEAE	VIO	198	(127)



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

1

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
1 (1) CYCADACEAE					
*Cycas					
*circinalis L.		intr. cult. PROV: pa	000m: 0-1	RANGE: asi	tree
*revoluta Thunb.		intr. cult. PROV: pa	000m: 0-1	RANGE: asi	tree
Zamia					
*acuminata Dyer		PROV: cc	000m: 0-1	RANGE: cr nic vr	herb
chigua Seem.		PROV: ch	000m: 1-2	RANGE: col	subshrub
*fairchildiana L.D. Gomez		PROV: ca ch cn pa sa	000m: 0-1	RANGE: cr ven	subshrub
*manicata Regel		PROV: da pa	000m: 0-1	RANGE: col	herb
*obliqua A. Br.		PROV: ch cn da	000m: 0-1	RANGE: col	subshrub
pseudoparasitica Yates		PROV: cc cn vr	000m: 0-1	RANGE: end	epiphyte
roezlii Linden		PROV: ca	000m: 0-1	RANGE: col	subshrub
skinneri Dietr.		PROV: bo cc ch cn pa sa vr	000m: 0-1,1-2	RANGE: cr nic	subshrub
5 (2) PODOCARPACEAE					
Podocarpus					
*guatemalensis Standl.					
*--var. allenii (Standl.) Buch. & Gray		PROV: bo cc ch he pa vr	000m: 0-1,1-2	RANGE: cr gua	tree
*magnifolius Buch. & N.E. Gray		PROV: da pa	000m: 0-1,1-2	RANGE: gui ven	tree
*oleifolius D. Don		PROV: ch	000m: 1-2	RANGE: col cr ecu per ven	tree
6 ARAUCARIACEAE					
*Araucaria					
*excelsa R. Br.		intr. cult. PROV: ca	000m: 0-1	RANGE: asi	treelet
7 (2A) GNETACEAE					
Gnetum					
leyboldii Tul.					
--var. woodsonianum Markgr.		PROV: bo ca cc da sa	000m: 0-1	RANGE: col	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
8 (3) TYPHACEAE					
Typha *domingensis Pers.		PROV: bo ca lo	000m: 0-1	RANGE: afr cub ecu nas per sao wdt	herb
11 (3A) POTAMOGETONACEAE					
Halodule wrightii Aschers.		PROV: cn pa	000m: 0-1	RANGE: nwt	marine herb
Potamogeton illinoensis Morong		PROV: cc	000m: 0-1	RANGE: ang cag cal fla mex nag nao tex	aquat herb
Ruppia maritima L.		PROV: ca he pa	000m: 0-1	RANGE: wdw	marine herb
Syringodium filiforme Kutz.		PROV: sa	000m: 0-1	RANGE: ang cag mex nas	herb
12 (3B) NAJADACEAE					
Najas arguta H.B.K.		PROV: ca da	000m: 0-1	RANGE: his sat	aquat herb
guadalupensis (Spr.) Magnus		PROV: bo	000m: 0-1	RANGE: nwg	herb
14 (--) JUNCAGINACEAE					
15 (4) ALISMATACEAE					
Echinodorus bracteatus Mich.		PROV: ca cn pa	000m: 0-1	RANGE: ecu nic	herb
*grandiflorus (Cham. & Schlecht.) Mich. *--var. grandiflorus		PROV: cc ch pa	000m: 0-1,1-2	RANGE: gui	aquat herb
longipetalus Mich.		PROV: da pa	000m: 0-1	RANGE: sag? sao	herb
*paniculatus Mich.		PROV: pa	000m: 0-1	RANGE: cag sat	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

1

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
15 (4) ALISMATACEAE cont.					
<i>tenellus</i> (Mart.) Buchenau		PROV: cc ch	000m: 0-1	RANGE: cag? col nag sag? sal	herb
* <i>tunicatus</i> Small		PROV: da	000m: 0-1	sao ven RANGE: sat	herb
<i>Sagittaria</i>					
* <i>graminea</i> Michx.		PROV: ca	000m: 0-1	RANGE: nas	herb
*--var. <i>platyphylla</i> Engelm.		PROV: ca cc pa	000m: 0-1	RANGE: cag his mex sao sat?	aquat
<i>guyanensis</i> H.B.K.				tr? herb	herb
<i>lanceifolia</i> L.		PROV: bo ca da pa	000m: 0-1	RANGE: ang cag fla mex nas	herb
				sat tex	
16 (5) BUTOMACEAE					
<i>Limncharis</i>					
<i>flava</i> (L.) Buchenau		PROV: ca cc da he lo pa vr	000m: 0-1, 1-2	RANGE: ang cag mex sat	herb
* <i>laforestii</i> Duchass.		PROV: ca pa	000m: 0-1	RANGE: cag sat	herb
17 (5A) HYDROCHARITACEAE					
<i>Halophila</i>					
<i>baillonis</i> Dickie		PROV: vr	000m: 0-1	RANGE: ang sao	marine herb
<i>decipiens</i> Ostenf.		PROV: sa	000m: 0-1	RANGE: ang asi oce sao	marine herb
<i>Hydrilla</i>					
<i>verticillata</i> (L. f.) Royle		intr. PROV: ca	000m: 0-1	RANGE: afr asi eur nas oce	aquat herb
<i>Limnoblum</i>					
* <i>stoloniferum</i> (C. Meyer) Griseb.		PROV: ca	000m: 0-1	RANGE: ang gue nic sat	aquat herb
<i>Thalassia</i>					
<i>testudinum</i> Koenig		PROV: ca sa	000m: 0-1	RANGE: ang bah cag fla mex nas	marine herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
18 (6) TRIURIDACEAE					
Sciaphila albescens Benth. *picta Miers		PROV: sa PROV: cn	000m: 0-1 000m: 0-1, 1-2	RANGE: gui sag sao ven RANGE: col	herb herb
19 (7) GRAMINEAE					
*Acroceras zizanioides (H.B.K.) Dandy		PROV: bo ca ch cn pa	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
Aegopogon cenchroides Willd. *tenellus (DC.) Trin.		PROV: ch PROV: ch	000m: 1-2 000m: 1-2	RANGE: bol cag? mex sag? RANGE: mex	herb herb
Agrostis hoffmannii Mez *tolucensis Kunth virescens H.B.K.		PROV: ch PROV: ch PROV: ch	000m: we 000m: 2-3, 3+ 000m: 3+	RANGE: cr RANGE: cag sat RANGE: bol cag? mex sag?	herb herb herb
Andropogon angustatus (Presl) Steud. bicornis L.		PROV: ca pa PROV: bo ca cc ch cn pa sa	000m: 0-1 000m: 0-1	RANGE: cag cub sag RANGE: ang bol sao	herb herb
glomeratus (Walt.) B.S.P. leucostachyus Kunth selloanus (Hack.) Hack. virginicus L.		PROV: ca ch pa sa PROV: ca ch cn pa PROV: ch pa PROV: ca pa	000m: 0-1 000m: 0-1, 1-2 000m: 0-1 000m: 0-1	RANGE: ang cag fla RANGE: ang cag mex sag RANGE: ang bel sag RANGE: ang cag nag	herb herb herb herb
Anthephora hermaphrodita (L.) Kuntze		PROV: ca cn pa	000m: 0-1	RANGE: nwt	herb
*Arberella *costaricensis (Hitchc.) Soders. & *dressleri Soders. & Calderon *lancifolia Soders. & Zuloaga	Calderon	PROV: cn PROV: cn PROV: cc pa	000m: 0-1 000m: 0-1 000m: 0-1	RANGE: cr RANGE: end RANGE: end	herb herb herb
Aristida capillacea Lam. jorullensis Kunth orizabensis Fourn. planifolia Swallen recurvata H.B.K. ternipes Cav.		PROV: ca cc ch pa PROV: ca cc ch pa PROV: cc PROV: ch PROV: ca pa PROV: ca pa	000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1, 1-2 000m: 0-1 000m: 0-1	RANGE: bol cag? mex sag? sao RANGE: cag? mex RANGE: cag? mex RANGE: col RANGE: bel col sao RANGE: bah cag? col cub nao tex	herb herb herb herb herb herb
tincta Trin. & Rupr.		PROV: ca pa	000m: 0-1	RANGE: cr sag? sao	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
<b>Arundinella</b>					
berteroniana (Schult.) Hitchc. & Chase		PROV: bo cc pa	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
confinis (Schult.) Hitchc. & Chase		PROV: ca ch	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
deppeana Nees		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: ang cag? mex sag? sao	herb
hispida (H. & B.) Kuntze		PROV: ch	000m: we	RANGE: sag? sao	herb
<b>Axonopus</b>					
*affinis Chase		PROV: pa	000m: 0-1	RANGE: cag sat	herb
ater Chase		PROV: ca	000m: 0-1	RANGE: wr	herb
aureus Beauv.		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: bel bol cag? pr sag? sao trt	herb
caespitosus Swallen		PROV: pa	000m: 0-1	RANGE: gua	herb
capillaris (Lam.) Chase		PROV: pa	000m: 0-1,1-2	RANGE: cr sag? sao trt	herb
centralis Chase		PROV: ca pa	000m: 0-1	RANGE: nic sal ven	herb
chrysoblepharis (Lag.) Chase		PROV: ca cc pa	000m: 0-1	RANGE: bol cr sag? sao trt	herb
compressus (Sw.) Beauv.		PROV: ca cc ch pa	000m: 0-1	RANGE: ang cag? fla owg sag? sao	herb
*poiophyllus Chase		PROV: wp	000m: we	RANGE: hon	herb
purpusii (Mez) Chase		PROV: ca ch pa	000m: 0-1,1-2	RANGE: cag? mex sag? sao	herb
scoparius (Flugge) Kuhlms.		PROV: ch	000m: 0-1	RANGE: bol cag sag? sao	herb
<b>Bambusa</b>					
*aculeata (Rupr.) Hitchc.		PROV: ca ch	000m: 0-1	RANGE: cag mex sag	tree
*amplexifolia (Presl) Schult. f.		PROV: ca ch	000m: 0-1	RANGE: col mex ven	herb
*arundinacea Retz.	intr. cult.	PROV: ca	000m: 0-1	RANGE: hon sao	herb
*balcooa Roxb.	cult.	PROV: ca	000m: 0-1	RANGE: asi	herb
*glaucescens Munro	cult.	PROV: ca	000m: 0-1	RANGE: asi	herb
*latifolia H. & B.		PROV: wp	000m: we	RANGE: cag	herb
*multiplex (Lour.) Raeusch.	cult.	PROV: ca	000m: 0-1	RANGE: asi	herb
*nana Roxb.	cult.	PROV: wp	000m: we	RANGE: asi	herb
*paniculata (Munro) Hack.		PROV: wp	000m: we	RANGE: cag sat	herb
*tulda Roxb.	cult.	PROV: ca	000m: 0-1	RANGE: asi hon	herb
vulgaris Wendl.	intr. cult.	PROV: ca	000m: 0-1	RANGE: owg	tree
<b>Bothriochloa</b>					
*bladhii (Retz.) S.T. Blake		PROV: ca cn pa sa	000m: 0-1	RANGE: ang hon	herb
*intermedia (R. Br.) A. Camus	intr.	PROV: ca pa sa	000m: 0-1	RANGE: asi	herb
*pertusa (L.) A. Camus		PROV: ca cc vr	000m: 0-1	RANGE: ang mex ven	herb
saccharoides (Sw.) Rydb.		PROV: pa	000m: 0-1	RANGE: ang mex sat	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
<i>Bouteloua</i>					
<i>americana</i> (L.) Scribn.		PROV: ca pa	000m: 0-1	RANGE: ang cag? cr gua hon herb mex nic sao sat?	
<i>disticha</i> (Kunth) Benth.		PROV: ca cc pa	000m: 0-1	RANGE: col cr cub ecu gua herb hon mex nic per ven	
* <i>media</i> (Fourn.) Gould & Kapadia		PROV: wp	000m: we	RANGE: cr gua hon mex nic herb sat	
<i>repens</i> (Kunth) Scribn. & Merr.		PROV: ca cc pa	000m: 0-1	RANGE: cag col gag mex nag herb ven	
* <i>simplex</i> Lag.		PROV: wp	000m: we	RANGE: cag mex nao sag sao herb	
<i>Brachiaria</i>					
* <i>fasciculata</i> (Sw.) Parodi		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: ang cag? ecu fla sag? herb sao tex	
* <i>mollis</i> (Sw.) Parodi		PROV: ca pa	000m: 0-1	RANGE: cag? mex sag? sao herb	
* <i>mutica</i> (Forssk.) Stapf	cult. nat.	PROV: ca ch pa	000m: 0-1	RANGE: nwg herb	
<i>plantaginea</i> (Link) Hitchc.	intr.	PROV: pa	000m: 0-1	RANGE: bol cag? mex nag sag? herb sao	
<i>Brachypodium</i>					
<i>mexicanum</i> (R. & S.) Link		PROV: ch	000m: 3+	RANGE: bol cag? mex sag? herb	
* <i>Briza</i>					
* <i>minor</i> L.		PROV: ch	000m: 2-3	RANGE: wdw herb	
<i>Bromus</i>					
<i>exaltatus</i> Bernh.		PROV: ch	000m: 3+	RANGE: gua mex herb	
* <i>Calderonella</i>					
* <i>sylvatica</i> Sodars. & Decker		PROV: cn sa	000m: 0-1	RANGE: end herb	
<i>Cenchrus</i>					
<i>brownii</i> R. & S.		PROV: ca ch cn pa	000m: 0-1, 1-2	RANGE: ang bol cag? fla mex herb oce sag? sao	
<i>echinatus</i> L.		PROV: ca pa	000m: 0-1	RANGE: ang cag? nag sag? sao herb	
* <i>incertus</i> M.A. Curtis		PROV: pa	000m: 0-1	RANGE: cag cag? nag sag? sao herb	
* <i>Chaetium</i>					
* <i>bromoides</i> Hemsl.		PROV: ch	000m: 1-2, 2-3	RANGE: mex herb	
<i>Chloris</i>					
<i>inflata</i> Link		PROV: ca cn pa	000m: 0-1	RANGE: ang cag? mex sag? sao herb	
<i>radiata</i> (L.) Sw.		PROV: bo ca ch pa	000m: 0-1	RANGE: ang bol cag? mex sag? herb sao	
<i>virgata</i> Sw.		PROV: ca	000m: 0-1	RANGE: ang mex nag owg sag herb	



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

7

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
*Chrysopogon					
*aciculatus (Retz.) Trin.		PROV: ca	000m: 0-1	RANGE: afr asi	herb
Chusquea					
longifolia Swallen		PROV: ch	000m: 1-2,2-3	RANGE: cr mex	shrub
*pittieri Hack.		PROV: ch	000m: 1-2	RANGE: cr mex	herb
simpliciflora Munro		PROV: ca cn pa	000m: 0-1	RANGE: cr gua	shrub
*virgata Hack.		PROV: ch	000m: 1-2	RANGE: cr	herb
Cinna					
poaeformis (Kunth) Scribn. & Merr.		PROV: ch	000m: 3+	RANGE: cag? mex per sag?	herb
*Coelorhachis					
*aurita (Steud.) A. Camus		PROV: ch pa	000m: 0-1,1-2	RANGE: cr sag	herb
ramosa (Fourn.) Nash		PROV: pa	000m: 0-1	RANGE: cag col	herb
Coix					
lacryma-jobi L.		intr. cult. nat. PROV: ca ch da	000m: 0-1,1-2	RANGE: owg	herb
Cortaderia					
*haplotricha (Pilger) Conert		PROV: ch	000m: 3+	RANGE: cr per sag?	herb
Cryptochloa					
*concinna (Hook. f.) Swallen		PROV: vr	000m: 0-1,1-2	RANGE: cr	herb
*decumbens Soders. & Zuloaga		PROV: cn pa	000m: 0-1	RANGE: end	herb
*dressleri Soders.		PROV: ca cc cn	000m: 0-1	RANGE: end	herb
*granulifera Swallen		PROV: pa	000m: 0-1,1-2	RANGE: cag col	herb
variana Swallen		PROV: ca cc sa	000m: 0-1,1-2	RANGE: col	herb
Ctenium					
conciissum Swallen		PROV: cc ch	000m: 0-1	RANGE: cag	herb
Cymbopogon					
citratu (DC.) Stapf		intr. cult. PROV: ca	000m: 0-1	RANGE: ang asi cag sag	herb
Cynodon					
dactylon (L.) Pers.		PROV: ca	000m: 0-1	RANGE: wdw	herb
Dactyloctenium					
aegyptium (L.) Aschers. & Schweinf.		PROV: ca cc pa	000m: 0-1	RANGE: wdw	herb
*Dendrocalamus					
*latiflorus Munro		cult. PROV: ca	000m: 0-1	RANGE: asi	herb
*strictus (Roxb.) Nees		cult. PROV: wp	000m: we	RANGE: afr ang asi	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
<i>*Dichantherium</i>					
<i>*acuminatum</i> (Sw.) Gould & Clark		PROV: ch	000m: 1-2,3+	RANGE: cag? mex ven	herb
<i>*--var. acuminatum</i>					
<i>*leucoblepharis</i> (Trin.) Gould & Clark		PROV: ca cc pa	000m: 0-1	RANGE: ang cag? col mex nag	herb
<i>*--var. pubescens</i> (Vasey) Gould & Clark					
<i>*sphaerocarpon</i> (Ell.) Gould		PROV: ch	000m: 1-2	RANGE: ang? cag cub mex nag	herb
<i>*viscidellum</i> (Scribn.) Gould		PROV: ch	000m: 0-1,1-2	RANGE: cag? col mex sag? sao	herb
<i>Diectomis</i>					
<i>fastigiata</i> (Sw.) H.B.K.		PROV: ca cc ch pa	000m: 0-1	RANGE: ang cag mex sag	herb
<i>Digitaria</i>					
<i>argillacea</i> (Hitchc. & Chase) Fern.		PROV: cc pa	000m: 0-1	RANGE: ang cag? mex	herb
<i>*bicornis</i> (Lam.) R. & S.		PROV: ca cc ch da he pa	000m: 0-1	RANGE: ang asi cag sat	herb
<i>*ciliaris</i> (Retz.) Koeler		PROV: ca ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: ang mex sat wdt	herb
<i>curtigluma</i> Hitchc.		PROV: ch	000m: 1-2	RANGE: cag mex	herb
<i>hirsuta</i> Swallen		PROV: ca pa	000m: 0-1	RANGE: end	herb
<i>horizontalis</i> Willd.		PROV: bo ca ch da pa	000m: 0-1,1-2	RANGE: wdw	herb
<i>insularis</i> Ekman		PROV: ca pa	000m: 0-1	RANGE: ang cag? fla mex sag? sao tex	herb
<i>lanuginosa</i> (Nees) Henr.		PROV: ch	000m: 2-3	RANGE: bol sag? sao	herb
<i>*panicea</i> Steud.		PROV: ca	000m: 0-1	RANGE: cub mex	herb
<i>sanguinalis</i> (L.) Scop.		PROV: ca ch pa	000m: 1-2	RANGE: wdw	herb
<i>singularis</i> Mez		PROV: ca pa	000m: 0-1	RANGE: sao	herb
<i>*violascens</i> Link		PROV: ca cc cn pa	000m: 0-1	RANGE: ang cr sat	herb
<i>Echinochloa</i>					
<i>colonum</i> (L.) Link		PROV: ca pa	000m: 0-1	RANGE: bah gag mex nwt sag trt	herb
<i>cruspavonis</i> (H.B.K.) Schult.		PROV: ca	000m: 0-1,1-2	RANGE: ang bol cag? nag sag? sao wdw	herb
<i>*polystachya</i> (Kunth) Hitchc.					
<i>*--var. spectabilis</i> (Nees) Martinez		PROV: sa	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
<i>Eleusine</i>					
<i>indica</i> (L.) Gaertn.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: afr ang asi cag sat	herb
<i>*Elionurus</i>					
<i>*tripsacoides</i> Willd.		PROV: cc ch	000m: 0-1,1-2	RANGE: nwg	herb
<i>*--var. ciliaris</i> (H.B.K.) Hack.		PROV: ch	000m: 0-1	RANGE: cag mex ven	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
*Elytrostachys *clavigera McClure		PROV: vr	000m: 0-1	RANGE: cr sao	herb
Eragrostis acutiflora (Kunth) Nees		PROV: ca cc ch pa	000m: 0-1	RANGE: bel bol cag? sag? sao trt	herb
ciliaris (L.) R. Br.		PROV: bo ca ch cn pa	000m: 0-1	RANGE: wdw	herb
hypnoides (Lam.) B.S.P.		PROV: ca cc cn	000m: 0-1	RANGE: ang cag? nag sag? sao	herb
maypurensis (Kunth) Steud.		PROV: ca cc ch pa	000m: 0-1	RANGE: bol mex sag? sao	herb
*mexicana (Hornem.) Link		PROV: ch	000m: 2-3	RANGE: cag per ven	herb
*prolifera (Sw.) Steud.		PROV: he pa	000m: 0-1	RANGE: ang cag? col mex	herb
simpliciflora (Presl) Steud.		PROV: cc pa	000m: 0-1	RANGE: cag mex	herb
*tenella R. & S. intr.		PROV: ca ch cn	000m: 0-1	RANGE: wdw	herb
tephrosanthos Schult.		PROV: bo ca ch cn pa	000m: 0-1	RANGE: ang cag? nag sag? sao	herb
*unioloides Steud.		PROV: ca ch	000m: 0-1	RANGE: bol ven	herb
Eriochloa distachya H.B.K.		PROV: cc pa	000m: 0-1	RANGE: cag? gua sag? sao	herb
punctata Hamilt.		PROV: bo da	000m: 0-1	RANGE: ang cag? nag sag? sao	herb
Eriochrysis cayennensis Beauv.		PROV: ch	000m: 0-1,1-2	RANGE: ang cag? mex sag? sao	herb
*Euclasta condylotricha (Hochst.) Stapf		PROV: ca	000m: 0-1	RANGE: afr ang cag? col mex ven	herb
Eustachys *petrea (Sw.) Desv.		PROV: ca cn sa	000m: 0-1	RANGE: ang mex nag trt	herb
Festuca amplissima Rupr.		PROV: ch	000m: 2-3,3+	RANGE: cag mex	herb
chiriquensis Swallen		PROV: ch	000m: 1-2	RANGE: cr	herb
dolichophylla Presl		PROV: ch	000m: 3+	RANGE: sag? sao	herb
Gymnopogon fastigiatus Nees		PROV: cc	000m: 0-1	RANGE: cr sao	herb
Gynerium sagittatum (Aubl.) Beauv.		PROV: ca da	000m: 0-1	RANGE: ang cag mex sag sao	aquat herb
Hackelochloa granularis (L.) Kuntze		PROV: ca cc ch pa	000m: 0-1	RANGE: wdw	herb
*Holcus *lanatus L.		PROV: bo ch	000m: 0-1,1-2	RANGE: cr sag sat	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

10

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
<i>Homolepis</i>					
<i>aturensis</i> (H.B.K.) Chase		PROV: bo ca ch cn pa	000m: 0-1,1-2,2-3	RANGE: bol cag? mex sag? sao	herb
* <i>glutinosum</i> (Sw.) Zuloaga & Soderst.		PROV: ch pa vr	000m: 0-1,1-2	RANGE: cag hon mex per sag	herb
* <i>isocalycia</i> (G. Meyer) Chase		PROV: ca pa	000m: 0-1	RANGE: gui sao ven	herb
<i>Hymenachne</i>					
<i>amplexicaulis</i> (Rudge) Nees		PROV: ca cc da	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
<i>donacifolia</i> (Raddi) Chase		PROV: ca pa	000m: 0-1	RANGE: bol cr cub sag? sao	herb
<i>Hyparrhenia</i>					
<i>bracteata</i> (H. & B.) Stapf		PROV: cc ch	000m: 0-1,1-2	RANGE: cag sag	herb
<i>rufa</i> (Nees) Stapf	intr. cult.	PROV: ca pa	000m: 0-1	RANGE: cag owg sag	herb
* <i>Hypogynium</i>					
* <i>virgatum</i> (Desv.) Dandy		PROV: ch	000m: 0-1,1-2	RANGE: ang cr sag	herb
<i>Ichnanthus</i>					
<i>axillaris</i> (Nees) Hitchc. & Chase		PROV: ca ch pa	000m: 0-1	RANGE: ang cag? ecu gua sag?	herb
* <i>brevivaginatus</i> Swallen		PROV: ca ch pa	000m: 0-1	RANGE: bel cag?	herb
* <i>nemoralis</i> (Schrad.)		PROV: pa	000m: 0-1	RANGE: bel gui hon trt ven	herb
<i>nemorosus</i> (Sw.) Doell		PROV: bo ch da	000m: 1-2,2-3,3+	RANGE: ang cag? gua	herb
<i>pallens</i> Benth.		PROV: bo bo ca ch da	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
<i>tenuis</i> (Presl) Hitchc. & Chase		PROV: bo ca ch da pa	000m: 0-1,1-2	RANGE: bel cag? col sag? sao	herb
<i>Imperata</i>					
* <i>brasiliensis</i> Trin.		PROV: pa	000m: 0-1	RANGE: ang cag	herb
<i>contracta</i> (H.B.K.) Hitchc.		PROV: bo ca ch	000m: 0-1	RANGE: ang cag? mex per sag?	herb
<i>Isachne</i>					
<i>arundinacea</i> (Sw.) Griseb.		PROV: cc ch	000m: 0-1,1-2,3+	RANGE: bol col cr ecu gua	herb
<i>polygonoides</i> (Lam.) Doell		PROV: ca cc ch cn pa	000m: 0-1	RANGE: ang cr per sag? sao	herb
<i>Ischaemum</i>					
* <i>indicum</i> (Houtt.) Merr.	intr.	PROV: ca	000m: 0-1	RANGE: asi gui	herb
* <i>latifolium</i> (Spr.) Kunth		PROV: wp	000m: we	RANGE: cag sat	herb
<i>rugosum</i> Salisb.	intr.	PROV: bo ca cc da lo	000m: 0-1	RANGE: ang ecu mex owg sao	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

11

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
<i>Jouvea</i> <i>straminea</i> Fourn.		PROV: pa	000m: 0-1	RANGE: cag? mex	herb
<i>Lasiacis</i> <i>divaricata</i> (L.) Hitchc. --var. <i>divaricata</i>		PROV: ca on pa	000m: 0-1	RANGE: ang bol cag fla mex sao sat	herb
* <i>linearis</i> Swallen		PROV: ch	000m: 0-1,1-2	RANGE: cag	herb
* <i>nigra</i> Davidse		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cag mex sat	herb
<i>oaxacensis</i> (Steud.) Hitchc.		PROV: bo ca ch da pa	000m: 0-1	RANGE: ang cag col ecu mex per sat? ven	herb
*--var. <i>maxonii</i> (Swallen) Davidse		PROV: ch	000m: 1-2	RANGE: or nic	herb
<i>procerrima</i> (Hack.) Hitchc.		PROV: bo ca cc ch cn pa sa	000m: 0-1,1-2,2-3	RANGE: cag mex per sat	herb
* <i>rhizophora</i> (Fourn.) Hitchc.		PROV: ch	000m: 1-2	RANGE: cag col mex	herb
* <i>rugellii</i> (Griseb.) Hitchc. *--var. <i>pohlii</i> Swallen		PROV: bo cc pa	000m: 0-1	RANGE: or gua nic	herb
<i>ruscifolia</i> (H.B.K.) Hitchc.		PROV: bo ca cc ch he lo pa vr	000m: 0-1	RANGE: cag col ecu gag mex per ven	herb
<i>scabrius</i> Hitchc.		PROV: bo cc cn da lo pa sa vr	000m: 0-1	RANGE: cag col ecu gua mex per	herb
<i>sorghoidea</i> (Desv.) Hitchc. & Chase		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1	RANGE: ang bol cag mex sag sao	herb
<i>standleyi</i> Hitchc.		PROV: ca ch da he pa vr	000m: 0-1,1-2	RANGE: cag col or ecu mex ven	herb
<i>Leersia</i> <i>hexandra</i> Sw.		PROV: ca cc pa	000m: 0-1	RANGE: ang cag? nag sag? sao	herb
* <i>ligularis</i> Trin. *--var. <i>grandiflora</i> (Doell) Pyrah		PROV: ch	000m: we	RANGE: cag? mex sag? sao	herb
<i>Leptochloa</i> <i>filiformis</i> (Lam.) Beauv.		PROV: ca pa	000m: 0-1	RANGE: cag? nag sag? sao	herb
* <i>longa</i> Griseb.		PROV: sa	000m: 0-1	RANGE: trt	herb
* <i>scabra</i> Nees		PROV: bo ch da pa	000m: 0-1	RANGE: cag sao sat trt	herb
<i>virgata</i> (L.) Beauv.		PROV: bo ca ch cn da lo pa	000m: 0-1	RANGE: ang cag? fla sag? sao tex vdw	herb
<i>Leptocoryphium</i> <i>lanatum</i> (H.B.K.) Nees		PROV: ca	000m: 0-1,1-2	RANGE: ang cag? mex sag? sao	herb
<i>Lithachne</i> <i>pauciflora</i> Poir.		PROV: ca ch pa	000m: 0-1,1-2	RANGE: ang cag? mex sag? sao	herb
* <i>Lolium</i> * <i>multiflorum</i> Lam.	intr.	PROV: ch	000m: 3+	RANGE: asi	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

12

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
<i>Luziola</i> <i>subintegra</i> Swallen		PROV: ca	000m: 0-1	RANGE: ang per	herb
* <i>Maclurolyra</i> * <i>tecta</i> Calderon & Soders.		PROV: cc cn pa sa	000m: 0-1	RANGE: col	herb
* <i>Melinis</i> * <i>minutiflora</i> Beauv.		PROV: ca ch pa vr	000m: 0-1,1-2,2-3,3+	RANGE: ang hon sat	herb
<i>Mesosetum</i> <i>pittieri</i> Hitchc.		PROV: cc pa	000m: 0-1	RANGE: cag	herb
<i>Muhlenbergia</i> * <i>implicata</i> (Kunth) Kunth		PROV: ch	000m: 1-2,2-3	RANGE: cag ven	herb
* <i>lehmanniana</i> Henr.		PROV: cc ch	000m: 1-2	RANGE: cag nag	herb
<i>setarioides</i> Fourn.		PROV: ch	000m: we	RANGE: cag? mex	herb
<i>tenella</i> (Kunth) Trin.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag? mex	herb
<i>tenuissima</i> (Presl) Kunth		PROV: ca pa	000m: 0-1	RANGE: mex	herb
* <i>Neurolepis</i> * <i>pittieri</i> McClure		PROV: ch	000m: 2-3	RANGE: ven	herb
<i>Olyra</i> * <i>caudata</i> Trin.		PROV: cc da sa	000m: 0-1,1-2	RANGE: cr	herb
* <i>ecaudata</i> Doell		PROV: da pa	000m: 0-1	RANGE: per sao ven	herb
* <i>fasciculata</i> Trin.		PROV: cn	000m: 0-1	RANGE: wr	herb
* <i>lateralis</i> (Presl) Chase		PROV: he pa	000m: 0-1,1-2	RANGE: bol cr cr sao sat	herb
<i>latifolia</i> L.		PROV: bo ca ch cn da pa sa vr	000m: 0-1	RANGE: ang bol cag? fla mex sag? sao	tree
* <i>standleyi</i> Hitchc.		PROV: pa	000m: 0-1,1-2	RANGE: ven	herb
<i>Oplismenus</i> <i>burmannii</i> (Retz.) Beauv.		PROV: bo ca ch da lo pa vr	000m: 0-1	RANGE: ang cag? mex sag? sao wdw	herb
<i>hirtellus</i> (L.) Beauv.		PROV: bo ca cc ch da pa	000m: 0-1,2-3	RANGE: ang cag? mex sag? sao	herb
* <i>setarius</i> (Lam.) R. & S.		PROV: vr	000m: 1-2	RANGE: col cub his jam sag sao ven	herb
<i>Orthoclada</i> <i>laxa</i> (Rich.) Beauv.		PROV: bo ca ch cn pa	000m: 0-1	RANGE: cag? mex per sag? sao	herb
<i>Oryza</i> * <i>alta</i> Swallen		PROV: ca	000m: 0-1	RANGE: hon mex sat	herb
<i>latifolia</i> Desv.		PROV: bo ca cn da pa	000m: 0-1	RANGE: ang bel cag? sag? sao	herb
<i>perennis</i> Moench		PROV: cc	000m: 0-1	RANGE: cub his sag? sao	herb
<i>sativa</i> L.	cult.	PROV: ca cc pa sa	000m: 0-1	RANGE: wdw?	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
<i>Panicum</i>					
<i>altum</i> Hitchc. & Chase		PROV: pa	000m: 0-1	RANGE: ang? bel cag? trt	herb
<i>arundinariae</i> Fourn.		PROV: ch	000m: we	RANGE: cag mex	herb
<i>cayennense</i> Lam.		PROV: ch pa	000m: 0-1	RANGE: cag? gag mex sag? sao	herb
<i>cordovense</i> Fourn.		PROV: ch	000m: we	RANGE: boi cag? mex sag? sao	herb
* <i>dichotomiflorum</i> Michx.		PROV: ca pa	000m: 0-1	RANGE: cag? mex sag? sao	herb
* <i>elephantipes</i> Nees		PROV: wp	000m: we	RANGE: ang col gua sat	herb
<i>frondescens</i> G. Meyer		PROV: bo ca ch cn sa	000m: 0-1	RANGE: cag? mex sag? sao	herb
<i>ghiesbreghtii</i> Fourn.		PROV: ca ch pa	000m: 0-1	RANGE: ang boi cag? mex sag? sao	herb
<i>grande</i> Hitchc. & Chase		PROV: ca cn da pa	000m: 0-1	RANGE: cag? nic trt ven	herb
<i>haenkeanum</i> Presl		PROV: ca ch pa	000m: 0-1	RANGE: cag? col gui mex sao ven	herb
<i>hirsutum</i> Sw.		PROV: bo ca pa sa	000m: 0-1	RANGE: ang hon mex	herb
<i>hirticaule</i> Presl		PROV: ca pa	000m: 0-1	RANGE: boi cag? nag sag?	herb
<i>laxum</i> Sw.		PROV: bo ca cc ch cn da pa	000m: 0-1, 1-2	RANGE: cag? mex sag? sao	herb
<i>maximum</i> Jacq.	intr. cult.	PROV: ca cc da he io pa vr	000m: 0-1	RANGE: afr ang boi cag? fla mex sag? sao	herb
<i>mertensii</i> Roth		PROV: ca pa	000m: 0-1	RANGE: cag? cub mex sag? sao	herb
<i>milleflorum</i> Hitchc. & Chase		PROV: ca pa	000m: 0-1	RANGE: bel sag? sao	herb
<i>pantrichum</i> Hack.		PROV: ch	000m: we	RANGE: sag? sao	herb
<i>pilosum</i> Sw.		PROV: ca cc ch cn da pa sa	000m: 0-1, 1-2, 2-3	RANGE: ang cag? mex sag? sao	herb
<i>polygonatum</i> Schult.		PROV: bo ca cc ch cn da pa sa	000m: 0-1, 1-2	RANGE: cag? mex sag? sao	herb
<i>puichellum</i> Raddi		PROV: bo ca ch cn io pa	000m: 0-1	RANGE: cag lag mex sag? sao	herb
<i>pyrularium</i> Hitchc. & Chase		PROV: ch	000m: 0-1	RANGE: col sao ven	herb
<i>rudgei</i> R. & S.		PROV: ca pa	000m: 0-1	RANGE: ang? cag? col gua jam sag? sao	herb
<i>schiffneri</i> Hack.		PROV: ch	000m: we	RANGE: ang cag? mex sag? sao	herb
<i>sellowii</i> Nees		PROV: ch	000m: 1-2, 2-3	RANGE: ang cag? mex sag? sao	herb
<i>stagnatile</i> Hitchc. & Chase		PROV: bo ca	000m: 0-1	RANGE: cag? mex	herb
<i>stenodoides</i> F.T. Hubb.		PROV: ca pa	000m: 0-1	RANGE: bel cr sao trt	herb
<i>stoloniferum</i> Poir.		PROV: bo ca pa	000m: 0-1	RANGE: cag? ecu gua sag? sao	herb
* <i>sublaeve</i> Swallen		PROV: pa	000m: 0-1	RANGE: end	herb
<i>trichanthum</i> Nees		PROV: bo ca da io pa	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
<i>trichoides</i> Sw.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1, 1-2	RANGE: ang cag? mex per sag? sao	herb
<i>Pariana</i>					
* <i>aurita</i> Swallen		PROV: ca cn pa sa	000m: 0-1, 1-2	RANGE: per	herb
* <i>campestris</i> Aubl.		PROV: sa	000m: 0-1	RANGE: sao	herb
<i>simulans</i> Tutin		PROV: ca cn	000m: 0-1	RANGE: col cr	herb
<i>strigosa</i> Swallen		PROV: ca da sa	000m: 0-1	RANGE: end	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
*Paspalidium *geminatum (Forssk.) Stapf		PROV: ca	000m: 0-1	RANGE: wdw	herb
Paspalum					
acutum Chase		PROV: ca	000m: 0-1	RANGE: sao	herb
*blodgettii Chapm.		PROV: sa	000m: 0-1	RANGE: ang cag	herb
boschianum Flugge		PROV: ch pa	000m: 0-1	RANGE: gua nao pr sao	herb
*brunneum Mez		PROV: ca	000m: 0-1	RANGE: arg	herb
candidum (H. & B.) Kunth		PROV: ch	000m: 1-2, 2-3, 3+	RANGE: cag? mex sag? sao	herb
centrale Chase		PROV: ca cc ch pa	000m: 0-1	RANGE: cag? sal	herb
clavuliferum C. Wright		PROV: ca pa	000m: 0-1	RANGE: ang cag? col mex sao	herb
conjugatum Bergius		PROV: bo ca ch cn da he pa sa	000m: 0-1, 1-2	RANGE: ang cag? fla mex nag? sag? sao tex	herb
--var. pubescens Doell		PROV: bo	000m: 0-1	RANGE: cag? lag mex sag? sao	herb
contractum Pilger		PROV: cc	000m: 0-1	RANGE: sag? sao	herb
convexum H. & B.		PROV: cc ch	000m: 0-1, 1-2	RANGE: cag? cub mex sag? sao	herb
coryphaeum Trin.		PROV: pa	000m: 0-1	RANGE: sag? sao trt	herb
decumbens Sw.		PROV: bo ca cc ch cn he pa	000m: 0-1	RANGE: ang bol cag? gua sag? sao	herb
densum Poir.		PROV: ca cc pa	000m: 0-1	RANGE: ang bol sag? sao	herb
fasciculatum Flugge		PROV: bo ca	000m: 0-1	RANGE: cag? ecu mex sag? sao	herb
fimbriatum H.B.K.		PROV: ca	000m: 0-1	RANGE: ang col nao sag? sao	herb
gardnerianum Nees		PROV: cc pa	000m: 0-1	RANGE: sag? sao	herb
heterotrichon Trin.		PROV: ch	000m: we	RANGE: his per sag? sao	herb
hitchcockii Chase		PROV: pa	000m: 0-1	RANGE: col	herb
humboldtianum Flugge		PROV: ch	000m: 1-2, 2-3	RANGE: cag? mex sag? sao	herb
jimenezii Chase		PROV: pa	000m: 0-1	RANGE: cr	herb
lineare Trin.		PROV: ch	000m: 1-2	RANGE: cr cub sag? sao	herb
melanospermum Desv.		PROV: ca	000m: 0-1	RANGE: bol lag? sag? sao	herb
microstachyum Presl		PROV: bo ca ch pa	000m: 0-1	RANGE: cag? ecu gua sag? sao	herb
*millegrana Schrad.		PROV: ca pa	000m: 0-1	RANGE: ang cag sao ven	herb
minus Fourn.		PROV: ca ch pa	000m: 0-1	RANGE: ang bol cag? mex sag? sao	herb
multicaule Poir.		PROV: ca cc ch pa	000m: 0-1	RANGE: bol cag? mex sag? sao trt	herb
notatum Flugge		PROV: ca cc ch pa	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
nutans Lam.		PROV: ca ch da pa	000m: 0-1, 1-2	RANGE: afr cag? hon lag sag? sao	herb
orbiculatum Poir.		PROV: bo ca cn pa	000m: 0-1	RANGE: ang cag? mex sag? sao	herb
paniculatum L.		PROV: bo ca ch cn da pa sa	000m: 0-1, 1-2	RANGE: afr ang cag? mex oce sag? sao	herb
parviflorum Flugge		PROV: pa	000m: 0-1	RANGE: pr sag? sao	herb
pectinatum Nees		PROV: ch pa	000m: 0-1	RANGE: cag? hon sag? sao	herb
pilosum Lam.		PROV: ca ch pa	000m: 0-1	RANGE: bol cr sag? sao	herb
plicatulum Michx.		PROV: ca cc ch cn da he pa sa	000m: 0-1, 1-2	RANGE: ang cag? nag sag? sao	herb
*pulchellum Kunth		PROV: cc	000m: 0-1	RANGE: cag sat	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
repens Bergius		PROV: ca pa	000m: 0-1	RANGE: cag nag nao sag sao	herb
saccharoides Ness		PROV: ca cc ch cn pa sa	000m: 0-1,1-2	RANGE: bol cr lag sag?	herb
*serpentinum Steud.		PROV: cc	000m: 0-1	RANGE: cag sao	herb
*squamulatum Fourn.		PROV: pa	000m: 0-1,1-2	RANGE: ang cag? fla mex	herb
standleyi Chase		PROV: pa	000m: 0-1	RANGE: ecu hon	herb
stellatum H. & B.		PROV: cc vr	000m: 0-1	RANGE: cag? his mex sag? sao	herb
subciliatum Chase		PROV: ca ch pa	000m: 0-1	RANGE: sao	herb
vaginatum Sw.		PROV: ca cn pa	000m: 0-1	RANGE: cag? nag? nao owg sag? sao	herb
virgatum L.		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: ang cag? mex sag? sao tex	herb
Pennisetum					
complanatum (Nees) Hemsl.		PROV: ch	000m: we	RANGE: cag? mex	herb
*purpureum Schum.		PROV: bo ca ch cn da pa sa	000m: 0-1,1-2	RANGE: ang cag? sat	herb
setosum (Sw.) Rich.		PROV: ca pa	000m: 0-1	RANGE: ang bol cag? fla mex sag? sao	herb
Pereilema					
crinitum Presl		PROV: cc	000m: 0-1	RANGE: cag? ecu mex sag?	herb
Pharus					
cornutus Hack.		PROV: bo	000m: 0-1	RANGE: cr	herb
glaber H.B.K.		PROV: ch	000m: 0-1	RANGE: ang cag? col mex sag? sao	herb
latifolius L.		PROV: bo ca ch cn da pa	000m: 0-1	RANGE: ang bel cag? per sag? sao	herb
longifolius Swallen		PROV: pa	000m: 0-1	RANGE: col	herb
parvifolius Nash		PROV: ca da	000m: 0-1	RANGE: ang cag? cr mex sag? sao	herb
virescens Doell		PROV: pa	000m: 0-1	RANGE: cag? gua his per sag? sao	herb
Phragmites					
*australis Steud.		PROV: ca ch cn da pa	000m: 0-1	RANGE: wdw	herb
Poa					
annua L.		intr. PROV: ch	000m: 3+	RANGE: cag eur nag sag	herb
*Pohlidium					
*petiolatum Davidse, Soderstrom, & Ellis		PROV: cc	000m: 0-1,1-2	RANGE: end	herb
Polypogon					
elongatus H.B.K.		PROV: ch	000m: 1-2,2-3	RANGE: cag? mex sag? sao	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
<i>Polytrias</i> <i>amaura</i> (Miq.) Kuntze		intr. cult. PROV: ca	000m: 0-1	RANGE: asi cub pr	herb
<i>Pseudechinolaena</i> <i>polystachya</i> (H.B.K.) Stapf		PROV: ch	000m: 0-1,1-2	RANGE: afr bol cag? mex sag? sao	herb
* <i>Raddiella</i> * <i>esenbeckii</i> (Steud.) Calderon & Soders.		PROV: pa	000m: 0-1,1-2	RANGE: sao trt ven	herb
* <i>Rhipidocladum</i> * <i>parviflorum</i> (Trin.) McClure		PROV: da pa	000m: 0-1	RANGE: ven	herb
* <i>pittieri</i> (Hack.) McClure		PROV: wp	000m: we	RANGE: cag	herb
* <i>racemiflorum</i> (Steud.) McClure		PROV: ca ch pa	000m: 0-1	RANGE: cag col mex	herb
* <i>Rhynchelytrum</i> * <i>repens</i> (Willd.) C.E. Hubb. Rupr.		PROV: bo ca ch	000m: 0-1	RANGE: ang cag sat	herb
* <i>Rottboelia</i> * <i>exaltata</i> L. f.		PROV: ca ch da pa sa	000m: 0-1	RANGE: ang cr owt sat	herb
<i>Saccharum</i> <i>officinatum</i> L.		cult. PROV: ca	000m: 0-1	RANGE: wdw	herb
* <i>spontaneum</i> L.		PROV: ca cn	000m: 0-1	RANGE: afr asi	herb
<i>Sacciolepis</i> <i>myuros</i> (Lam.) Chase		PROV: ca cc pa	000m: 0-1	RANGE: bol cag? cub mex sag? sao	herb
<i>striata</i> (L.) Nash		PROV: ca	000m: 0-1	RANGE: ang nag	herb
* <i>Schizachyrium</i> * <i>brevifolium</i> Kunth		PROV: ca cc da he pa	000m: 0-1	RANGE: ang cag mex sag sao wdw	herb
* <i>hirtiflorum</i> Nees		PROV: ch pa	000m: 0-1,1-2	RANGE: ang cag? nag per sag? sao	herb
* <i>microstachyum</i> (Desv.) Roseng. <i>semiberbe</i> Nees		PROV: ca cc ch pa PROV: ca pa	000m: 0-1 000m: 0-1	RANGE: ang cag mex sag? sao RANGE: ang cag? ecu fla mex sag? sao	herb herb
* <i>tenerum</i> Nees		PROV: cc ch	000m: 0-1,1-2	RANGE: ang cag? nag sag? sao	herb
<i>Setaria</i> <i>barbata</i> (Lam.) Kunth		intr. PROV: ca	000m: 0-1	RANGE: ang asi fla sao	herb
<i>geniculata</i> (Lam.) Beauv.		PROV: bo ca cc ch da pa sa	000m: 0-1,1-2	RANGE: ang cag? nag owg sag? sao	herb
<i>paniculifera</i> (Steud.) Fourn. <i>scandens</i> Schult.		PROV: bo ca cc da pa PROV: pa	000m: 0-1,1-2 000m: 0-1	RANGE: ang cag? col mex ven RANGE: ang cag? gua sag? sao	herb herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

17

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
tenacissima Schult.		PROV: ch	000m: 0-1	RANGE: ang cag? gua sag? sao	herb
tenax (Rich.) Desv.		PROV: pa	000m: 0-1	RANGE: cag sat	herb
vilpiseta (Lam.) R. & S.		PROV: bo ca da pa sa	000m: 0-1	RANGE: ang cag? mex per sag? sao	herb
Sorghastrum					
incompletum (Presl) Nash		PROV: ca cc ch pa	000m: 0-1	RANGE: afr cag col	herb
*setosum (Griseb.) Hitchc.		PROV: ch	000m: ve	RANGE: nag sag	herb
Sorghum					
*bicolor (L.) Moench		PROV: ca da he pa vr	000m: 0-1	RANGE: afr ang cag sat wdv	herb
halepense (L.) Pers.		PROV: ca	000m: 0-1	RANGE: wdv	herb
*Spartina					
*spartinae (Trin.) Merr.		PROV: sa vr	000m: 0-1	RANGE: cag sao ven	herb
Sporobolus					
ciliatus Presl		PROV: ca cc ch pa	000m: 0-1	RANGE: cag? hon sag? sao	herb
cubensis Hitchc.		PROV: ca	000m: 0-1	RANGE: ang cag? gui mex ven	herb
indicus (L.) R. Br.		PROV: ca cc ch cn da he pa vr	000m: 0-1	RANGE: ang col mex sag sao	herb
jacquemontii Kunth		PROV: ca cc cn he sa vr	000m: 0-1	RANGE: ang cag sao	herb
*purpurascens (Sw.) Hamilt.		PROV: ch	000m: 1-2	RANGE: cag jam	herb
*pyramidatus (Lam.) Hitchc.		PROV: he	000m: 0-1	RANGE: ang cag sat	herb
*tenuissimus (Schrank) Kuntze		PROV: ca	000m: 0-1	RANGE: ang ecu sai	herb
virginicus (L.) Kunth		PROV: ca cn sa	000m: 0-1	RANGE: ang nao sao	herb
Stenotaphrum					
secundatum (Walt.) Kuntze		PROV: bo ca cn pa sa	000m: 0-1	RANGE: afr ang cag? nag nao oce sag? sao	herb
Streptochaeta					
sodiroides Hack.		PROV: ca ch pa	000m: 0-1	RANGE: bei cag ecu	herb
spicata Nees		PROV: ca ch da pa	000m: 0-1	RANGE: ecu gua sag? sao trt	herb
Streptogyne					
*americana G.E. Hubb.		PROV: ca da pa	000m: 0-1	RANGE: cag? mex sag? sao trt	herb
*Swallenochloa					
*vulcanalis Soders. & Calderon		PROV: ch	000m: 2-3	RANGE: cr	shrub
Thrasya					
ciliatifolia Swallen		PROV: ca	000m: 0-1	RANGE: end	herb
gracilis Swallen		PROV: ch	000m: 0-1, 1-2	RANGE: end	herb
hitchcockii Chase		PROV: pa	000m: 0-1	RANGE: ven	herb
petrosa (Trin.) Chase		PROV: ca ch pa	000m: 0-1	RANGE: gua per sag? sao sao	herb
villosa Hitchc.		PROV: ch	000m: ve	RANGE: col ven	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

18

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
19 (7) GRAMINEAE cont.					
Trachypogon *plumosus (Willd.) Nees		PROV: ca ch pa	000m: 0-1	RANGE: cag mex	herb
Tripsacum *andersonii J.F. Gray		PROV: wp	000m: we	RANGE: cub	herb
*dactyloides (L.) L.		PROV: ca	000m: 0-1	RANGE: cag	herb
fasciculatum Aschers.	cult.	PROV: wp	000m: we	RANGE: wr	herb
latifolium Hitchc.	cult.	PROV: wp	000m: we	RANGE: wr	herb
Trisetum deyeuxioides (Kunth) Kunth		PROV: ch	000m: 1-2	RANGE: cag? ecu mex sag?	herb
irazuense (Kuntze) Hitchc.		PROV: ch	000m: 3+	RANGE: cag? ecu mex sag?	herb
pringlei (Scribn.) Hitchc.		PROV: ch	000m: we	RANGE: cr mex	herb
*tonduzii Hitchc.		PROV: ch	000m: 1-2	RANGE: cag	herb
Uniola pittieri Hack.		PROV: ca ch pa	000m: 0-1	RANGE: cag? ecu mex sag?	herb
Zea mays L.	cult.	PROV: da pa	000m: 0-1	RANGE: cag sag wdw	herb
Zeugites mexicana Steud.		PROV: pa	000m: 0-1	RANGE: bol cag? mex sag?	herb
panamensis Swallen		PROV: pa	000m: 0-1	RANGE: end	herb
pittieri Hack.		PROV: wp	000m: we	RANGE: cag	herb
20 (8) CYPERACEAE					
Abildgaardia *ovata (Burm. f.) Kral		PROV: ca he pa	000m: 0-1	RANGE: wdw	herb
Ascolepis brasiliensis C.B. Clarke		PROV: ch	000m: 1-2	RANGE: afr sao ven	herb
*Becquerelia *cymosa Brongn.		PROV: ca cn pa	000m: 0-1	RANGE: cr sat	herb
Bulbostylis *acutangula Roxb.		PROV: vr	000m: we	RANGE: wr	herb
*capillaris (L.) C.B. Clarke		PROV: wp	000m: 0-1,1-2	RANGE: bel cub hon mex nao	herb
junciformis S. Moore		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: bol cag? cub hon mex sag? sao	herb
*juncoides (Vahl) Kueken.		PROV: ch	000m: 1-2	RANGE: cag ecu sao ven	herb
paradoxa (Spr.) Lindm.		PROV: ca cc pa vr	000m: 0-1	RANGE: cr cub sat	herb
*pubescens (Presl) Sven.		PROV: wp	000m: we	RANGE: col mex	herb
tenuifolia (Rudge) Macbr.		PROV: ca cc ch pa	000m: 0-1,2-3	RANGE: ang cag mex sag?	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
20 (8) CYPERACEAE cont.					
<i>Calyptracarya</i>					
<i>glomerulata</i> (Brongn.) Urb.		PROV: bo ca cc cn cn da pa	000m: 0-1	RANGE: cag sag? sat	herb
* <i>poeppigiana</i> Kunth		PROV: cc da	000m: 0-1	RANGE: per sat	herb
<i>Carex</i>					
* <i>bonplandii</i> Kunth		PROV: bo	000m: 0-1	RANGE: cag sat	herb
<i>donnell-smithii</i> Bailey		PROV: ch	000m: 2-3, 3+	RANGE: cr gua hon	herb
<i>humboldtiana</i> Steud.		PROV: ch	000m: 3+	RANGE: cag? mex sag? sao	herb
* <i>jamesonii</i> Boott		PROV: ch	000m: 2-3	RANGE: cag ven	herb
<i>lemanniana</i> Boott		PROV: ch	000m: 2-3, 3+	RANGE: col cr ecu	herb
<i>polystachya</i> Wahl		PROV: ca cc ch he	000m: 0-1, 1-2	RANGE: ang cag? mex per sag?	herb
* <i>polysticha</i> Boeck.		PROV: ch	000m: 1-2	RANGE: wr	herb
* <i>standleyana</i> Steyerl.		PROV: ch	000m: 1-2	RANGE: gua hon	herb
<i>Cladium</i>					
<i>jamaicense</i> Crantz		PROV: ca cn	000m: 0-1	RANGE: cag? fla sag?	herb
<i>Cyperus</i>					
<i>albomarginatus</i> (Nees) Steud.		PROV: ca da lo pa	000m: 0-1	RANGE: bol cr mex nao nas sao wdt	herb
* <i>amabilis</i> Vahl		PROV: ca	000m: 0-1	RANGE: afr ang cag cr gua hon sal sao	herb
* <i>articulatus</i> L.		PROV: cn pa	000m: 0-1	RANGE: ang cag sat wdt	herb
* <i>bipartitus</i> Torr.		PROV: ch	000m: 1-2	RANGE: cag cr gua mex nag nic	herb
<i>cayennensis</i> (Lam.) Britt.		PROV: bo ca cc ch he lo pa vr	000m: 0-1, 1-2, 3+	RANGE: cag mex sag sao tex	herb
* <i>chorisanthos</i> C.B. Clarke		PROV: da	000m: 0-1	RANGE: cr nic	herb
<i>compressus</i> L.		PROV: bo ca cn da lo pa vr	000m: 0-1	RANGE: bol cag nag nao owg sag sao	herb
* <i>dentoniae</i> Tucker		PROV: ch	000m: 0-1	RANGE: cr gua mex nic sal	herb
* <i>difformis</i> L.		PROV: ca	000m: 0-1	RANGE: mex nic owg	herb
* <i>digitatus</i> Roxb.		PROV: ca ch lo pa	000m: 0-1	RANGE: wdt	herb
<i>esculentus</i> L.		intr. cult.			
<i>flavescens</i> L.		PROV: ca pa	000m: 0-1	RANGE: wdw	herb
--var. <i>flavescens</i>		PROV: cc ch pa vr	000m: 0-1	RANGE: wdw	herb
*--var. <i>piceus</i> (Liebm.) Fern.		PROV: wp	000m: we	RANGE: cr gua mex nic	herb
<i>giganteus</i> Vahl		PROV: bo ca ch pa	000m: 0-1, 1-2	RANGE: ang cag mex sag? sao	herb
<i>globulosus</i> Aubl.		PROV: ca lo pa sa	000m: 0-1	RANGE: ang cag cr nao	herb
<i>haspan</i> L.		PROV: ca cc ch cn pa vr	000m: 0-1, 1-2	RANGE: wdw	herb
<i>hayesii</i> Standl.		PROV: cc	000m: 0-1	RANGE: cr gua hon	herb
<i>hermaphroditus</i> (Jacq.) Standl.		PROV: ca ch pa	000m: 0-1, 1-2, 2-3, 3+	RANGE: cag mex sat	herb
* <i>imbricatus</i> Retz.		PROV: ca pa	000m: 0-1	RANGE: cr wdw	herb
* <i>iria</i> L.		PROV: ca da	000m: 0-1	RANGE: bel nas owg	herb
* <i>ischnos</i> Schltr.		PROV: ch	000m: 1-2	RANGE: cag col	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
20 (8) CYPERACEAE cont.					
*lanceolatus Poir.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: ang bel cr gua hon mex nas sat	herb
*laxus Lam.		PROV: sa	000m: 0-1	RANGE: ecu per sao	herb
ligularis L.		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1,1-2	RANGE: afr cag mex nao nas sag	herb
luzulae (L.) Retz.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag sag sao	herb
*manimae H.B.K.		PROV: ch	000m: 1-2	RANGE: cag nas sag ven	herb
*multifolius Poepp. & Kunth		PROV: da	000m: 0-1	RANGE: cr sat	herb
*mutisii (H.B.K.) Griseb.		PROV: ca ch vr	000m: 0-1,1-2	RANGE: ang bel bol cr gua hon mex nic sag	herb
niger R. & P.		PROV: ch	000m: 1-2	RANGE: bol cag cal sag sao	herb
*nubigenus Britt. & Standl.		PROV: ch	000m: 1-2	RANGE: col cr ecu	herb
*ochraceus Vahl		PROV: ch da	000m: 0-1	RANGE: cag mex nas sag	herb
odoratus L.		PROV: bo ca cc ch cn da he pa sa vr	000m: 0-1	RANGE: wdw	herb
*pallens (Liebm.) Standl. & Steyererm.		PROV: da	000m: we	RANGE: cag cal ecu mex per ven	herb
panamensis Standl.		PROV: ca cc he pa vr	000m: 0-1	RANGE: col cr ecu gua nic per sal	herb
polystachyos Rottb.		PROV: bo ca cc ch da pa sa	000m: 0-1	RANGE: cag nas sag sao wdt	herb
prolixus H.B.K.		PROV: ch	000m: 1-2	RANGE: bel col cr gua hon mex sag sao	herb
rotundus L.		PROV: bo ca ch ch da lo pa vr	000m: 0-1	RANGE: wdw	herb
simplex H.B.K.		PROV: ca da pa vr	000m: 0-1	RANGE: cag mex sat trt	herb
sphacelatus Rottb.		PROV: ca cn lo pa vr	000m: 0-1	RANGE: afr nwg	herb
surinamensis Rottb.		PROV: bo ca cc ch pa	000m: 0-1,1-2	RANGE: ang cag fla sag sao tex	herb
tenerrimus Presl		PROV: pa	000m: 0-1	RANGE: cag col mex	herb
tenuis Sw.		PROV: bo ca cc ch ch da he pa sa vr	000m: 0-1,1-2	RANGE: afr ang cag mex sag sao	herb
*tetraformis Ell.		PROV: ch	000m: 1-2	RANGE: wr	herb
tolucensis H.B.K.		PROV: bo ca cc ch ch da pa sa vr	000m: 0-1	RANGE: afr bol cag cub mex owg sag sao	herb
uniolooides R. Br.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag cal mex owg ven wdt	herb
*virens Michx.		PROV: ch	000m: 1-2	RANGE: ang cag nas sag	herb
*Diplacrum					
*capitatum (Willd.) Boeck.		PROV: cc	000m: 0-1	RANGE: bol sao trt ven	herb
*Diplasia					
*karatifolia Rich.		PROV: da	000m: 0-1	RANGE: cr sat	herb
Eleocharis					
*elegans (H.B.K.) R. & S.		PROV: ca cn vr	000m: 0-1,1-2,2-3	RANGE: nwt	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
20 (8) CYPERACEAE cont.					
<i>filiculmis</i> Kunth		PROV: ca cc ch pa vr	000m: 0-1,1-2	RANGE: cag cub his mex sag sao	herb
<i>fistulosa</i> (Poir.) Link		PROV: cc ch pa	000m: 0-1	RANGE: afr asi nwg	herb
<i>geniculata</i> (L.) R. & S.		PROV: bo ca cc ch cn he pa sa vr	000m: 0-1,1-2	RANGE: ang cag? mex sag? sao	herb
<i>interstincta</i> (Vahl) R. & S.		PROV: ca cc ch cn pa	000m: 0-1,1-2	RANGE: cag fla mex nao sag? tex	herb
<i>minima</i> Kunth		PROV: ca cc pa	000m: 0-1	RANGE: cag cub jam mex nao sag? sao tex	herb
* <i>montana</i> (H.B.K.) R. & S.		PROV: wp	000m: 0-1,1-2	RANGE: ang bel nao sat?	herb
<i>mutata</i> (L.) R. & S.		PROV: bo ca	000m: 0-1	RANGE: afr nwg	herb
<i>nigrescens</i> (Nees) Steud.		PROV: cc pa	000m: 0-1	RANGE: afr bel cag? hon nag? nao sag? sao	herb
<i>nodulosa</i> (Roth) Schult.		PROV: ca cc ch da pa	000m: 0-1,1-2	RANGE: cag fla nwg sag? sao tex	herb
* <i>pachystyla</i> (C. Wright) C.B. Clarke		PROV: wp	000m: we	RANGE: cag cub his pr sat	herb
<i>plicarhachis</i> (Griseb.) Svens.		PROV: ca pa	000m: 0-1	RANGE: cag? cub mex sag? sao	herb
* <i>radicans</i> (Poir.) Kunth		PROV: ch	000m: 1-2	RANGE: oce	herb
<i>retroflexa</i> (Poir.) Urb.		PROV: bo ca cc ch cn pa	000m: 0-1,1-2	RANGE: cag? col cub mex nao sao wdt	herb
* <i>sellowiana</i> Kunth		PROV: ch vr	000m: 1-2	RANGE: cag sag	herb
<i>Fimbristylis</i>					
<i>annua</i> (All.) R. & S.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: wdw	herb
* <i>autumnalis</i> (L.) R. & S.		PROV: ca	000m: 0-1	RANGE: ang cag mex nao sat	herb
* <i>camptotricha</i> C. Wright		PROV: cn sa	000m: 0-1	RANGE: bel gua hon mex	herb
<i>complanata</i> (Retz.) Link		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: wdw	herb
* <i>cymosa</i> R. Br.		PROV: bo ca cn he lo pa sa vr	000m: 0-1	RANGE: wdt	herb
* <i>dichotoma</i> (L.) Vahl		PROV: ca cc ch cn da he pa sa vr vr	000m: 0-1	RANGE: wdt	herb
<i>ferruginea</i> (L.) Vahl		PROV: ca cn sa	000m: 0-1	RANGE: ang? cag? cub owg sag? wdt	herb
<i>miliacea</i> (L.) Vahl		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: wdw	herb
* <i>pallidula</i> L.		PROV: ca	000m: 0-1	RANGE: mex nic	herb
* <i>quinguangularis</i> Kunth		PROV: da	000m: 0-1	RANGE: afr asi sat	herb
<i>spadicea</i> (L.) Vahl		PROV: ca cn da pa sa	000m: 0-1	RANGE: nwg	herb
<i>Fuirena</i>					
* <i>camptotricha</i> C. Wright		PROV: cn sa	000m: 0-1	RANGE: cub mex sat	herb
<i>incompleta</i> Nees		PROV: ch	000m: 1-2	RANGE: bel gua hon mex sao	herb
<i>robusta</i> Kunth		PROV: ca	000m: 0-1	RANGE: gui sao	herb
<i>umbellata</i> Rottb.		PROV: bo ca cc cn pa sa	000m: 0-1	RANGE: wdw	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
20 (8) CYPERACEAE cont.					
*Hemicarpha *micrantha (Vahl) Pax		PROV: ca	000m: 0-1	RANGE: afr ang cag nao sao	herb
Hypolytrum *longifolium Nees *--subsp. nicaraguense (Liebm.) Koyama		PROV: ca ca da da vr	000m: 0-1	RANGE: cag sao sat	herb
Kyllinga brevifolia Rottb.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: ang cag nas owg sat wdw	herb
odorata Vahl		PROV: ca ch pa vr	000m: 0-1,1-2	RANGE: afr asi cag? fla nao sag? sao wdw	herb
peruviana Lam. pumila Michx.		PROV: bo ca cn sa ca ca ch cn da he lo pa sa	000m: 0-1 000m: 0-1,1-2	RANGE: afr nwt RANGE: afr nwg	herb herb
*pungens Link		PROV: cn pa vr	000m: 0-1	RANGE: hon	herb
Lipocarpha maculata (Michx.) Torr. sellowiana Kunth		PROV: ca cc pa vr cc ch	000m: 0-1 000m: 0-1,1-2	RANGE: cag? nag? sag? RANGE: hon mex sag sao	herb herb
Mapania *assimilis Koyama *pycnocephala (Benth.) Benth.		PROV: bo cc cn da pa sa vr cc pa	000m: 0-1,1-2 000m: 0-1	RANGE: col cr gui ven RANGE: col cr ven	herb herb
*Mariscus *retrorsus (Chapm.) C.B. Clarke		PROV: cc	000m: 0-1	RANGE: wr	herb
*Oxycaryum *cubense (Kunth) Lye		PROV: ca pa	000m: 0-1	RANGE: afr cag gag nwg? sag	herb
Remirea maritima Aubl.		PROV: ca	000m: 0-1	RANGE: wdw	herb
Rhynchospora amazonica Kunth argentea Standl. *aristata Boeck.		PROV: pa cc pa sa ch	000m: 0-1 000m: 0-1 000m: 1-2,2-3	RANGE: sag? RANGE: end RANGE: cr gua hon mex nic ven	herb herb herb
armerioides Presl barbata (Vahl) Kunth *brevirostris Griseb. cephalotes (L.) Vahl *contracta (Nees) J. Raynal corymbosa (L.) Britt. eximia (Nees) Boeck.		PROV: pa cc ch pa wp ca cn pa sa vr ca lo pa bo ch cn cc pa	000m: 0-1 000m: 0-1,1-2 000m: we 000m: 0-1 000m: 0-1 000m: 0-1,1-2,2-3 000m: 0-1	RANGE: cr sag? RANGE: ang cag sat RANGE: afr cr hon mex ven RANGE: ang cag mex sat RANGE: afr ang cag nwg RANGE: wdw RANGE: cub hon mex	herb herb herb herb herb herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
20 (8) CYPERACEAE cont.					
globosa (H.B.K.) R. & S.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: ang bol cag? mex sag?	herb
hirsuta Vahl		PROV: pa	000m: 0-1,1-2	RANGE: cag cub sat	herb
*holoschoenoides (Rich.) Herter		PROV: pa	000m: 0-1	RANGE: afr ang cag mex sag	herb
*kunthii Nees		PROV: ch	000m: 1-2	RANGE: wr	herb
locuples C.B. Clarke		PROV: ch	000m: 1-2	RANGE: col cr ecu	herb
macrochaeta Steud.		PROV: ch	000m: 2-3,3+	RANGE: cr sag	herb
*mexicana (Liebm.) Steud.		PROV: pa	000m: 0-1	RANGE: his mex	herb
*nervosa (Vahl) Boeck.		PROV: ca cc ch cn da lo pa vr	000m: 0-1	RANGE: ang cag? mex sag?	herb
*orizabensis Kueken.		PROV: ch	000m: 1-2	RANGE: cr gua hon mex	herb
polyphylla (Vahl) Vahl		PROV: ch he	000m: 0-1,1-2	RANGE: ang cag col mex ven	herb
*pubera (Vahl) Boeck.		PROV: bo ca pa sa	000m: 0-1	RANGE: sag?	herb
*radicans (S. & C.) Pfeiff.		PROV: ca cc ch cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag sat	herb
robusta (Kunth) Boeck.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag his jam mex sag?	herb
*rugosa (Vahl) Gale		PROV: ch pa	000m: 0-1,1-2	RANGE: wdt	herb
*schiedeana Kunth		PROV: ch	000m: 1-2,2-3	RANGE: col cr ecu gua hon	herb
tenerrima Spr.		PROV: pa	000m: 0-1	RANGE: ang bel gua hon sat	herb
*tenuis Link		PROV: ch	000m: 1-2	RANGE: wr	herb
*trichodes C.B. Clarke		PROV: pa	000m: 0-1	RANGE: pr sag	herb
*watsonii (Britt.) Davidse		PROV: ca da pa vr	000m: 0-1	RANGE: cag col ecu	herb
Scirpus					
*inundatus (R. Br.) Poir.		PROV: ch	000m: 1-2	RANGE: asi cr gua oce sag	herb
Scleria					
*anceps Liebm.		PROV: pa	000m: 0-1	RANGE: gua hon mex	herb
bracteata Cav.		PROV: ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: ang bol cag? mex sag?	herb
*distantis Poir.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: afr nwg	herb
eggarsiana Boeck.		PROV: ca cn pa	000m: 0-1	RANGE: ang cag gui nag?	herb
interrupta Rich.		PROV: ca pa	000m: 0-1	RANGE: ang bel cr hon sat	herb
*lagoensis Boeck.		PROV: pa	000m: 0-1	RANGE: col cr sao ven	herb
latifolia Sw.		PROV: ca cc ch da pa vr	000m: 0-1,1-2	RANGE: cag lag mex sag	herb
lithosperma (L.) Sw.		PROV: ca pa vr	000m: 0-1	RANGE: wdw	herb
macrophylla Presl		PROV: ca ch pa vr	000m: 0-1	RANGE: bol cag? mex sag? sao	herb
melaleuca Schlecht. & Cham.		PROV: bo ca cc ch da he lo pa sa vr	000m: 0-1	RANGE: nwt	herb
microcarpa Nees		PROV: cn	000m: 0-1	RANGE: cag cub mex sag sao	herb
micrococca (Liebm.) Steud.		PROV: bo ca cn pa pa	000m: 0-1	RANGE: cag cub mex sag sao	herb
mitis Bergius		PROV: bo ca cc cn pa sa	000m: 0-1	RANGE: ang cag cub sag sao	herb
*polyphylla Steud.		PROV: pa	000m: 0-1	RANGE: wr	herb
purdiei C.B. Clarke		PROV: ch pa	000m: 0-1,1-2	RANGE: col ven	herb
*reticularis Michx.		PROV: ca	000m: 0-1	RANGE: gua hon	herb
secans (L.) Urb.		PROV: ca ch cn da pa vr	000m: 0-1	RANGE: ang bol cag mex sao	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
20 (8) CYPERACEAE cont.					
setacea Poir.		PROV: pa	000m: 0-1	RANGE: ang cag fla nag? nas sag? tex	herb
setuloso-ciliata Boeck.		PROV: ca da pa	000m: 0-1	RANGE: cag cub mex sag sao	herb
*tenella Kunth		PROV: cc	000m: 0-1	RANGE: ang cag sat	herb
*verticillata Muhl.		PROV: pa	000m: 0-1	RANGE: ang cag mex nag sag	herb
*Torulinium					
*eggersii (Boeck.) C.B. Clarke		PROV: cn	000m: 0-1	RANGE: cag gag mex sat	herb
Uncinia					
hamata (Sw.) Urb.		PROV: ch da vr	000m: 1-2,3+	RANGE: ang cag? mex sag? sao	herb
21 (9) PALMAE					
Acrocomia					
panamensis L.H. Bailey		PROV: ca ch he pa vr	000m: 0-1	RANGE: end	tree
Aiphanes					
fuscopubens L.H. Bailey		PROV: pa	000m: 0-1	RANGE: end	treelet
Asterogyne					
martiana Burret		PROV: bo cc cn da pa sa	000m: 0-1	RANGE: cag col ven	shrub
Astrocaryum					
alatum Loomis		PROV: ca cc cn vr	000m: 0-1	RANGE: cr	tree
*confertum Bur.		PROV: wp	000m: we	RANGE: cr	tree
standleyanum L.H. Bailey		PROV: ca sa	000m: 0-1	RANGE: col nic sat	tree
*Attalea					
*allenii H. Moore		PROV: ca cn sa	000m: 0-1	RANGE: col	tree
Bactris					
alleniana L.H. Bailey		PROV: bo ca cc ch	000m: 0-1	RANGE: nic	shrub
aureodrupa L.H. Bailey		PROV: cc	000m: 0-1	RANGE: end	shrub
*baileyana H. Moore		PROV: ch	000m: 1-2	RANGE: cr	shrub
barronis L.H. Bailey		PROV: ca pa vr	000m: 0-1	RANGE: end	shrub
coloniata L.H. Bailey		PROV: ca cn pa sa	000m: 0-1	RANGE: sat	shrub
coloradonis L.H. Bailey		PROV: ca	000m: 0-1	RANGE: end	shrub
divisicupula L.H. Bailey		PROV: cc cn pa	000m: 0-1	RANGE: cr	shrub
fuscospina L.H. Bailey		PROV: pa	000m: 0-1	RANGE: wr	shrub
*gasipaes H.B.K.		intr. cult.			
		PROV: ca pa	000m: 0-1	RANGE: cag sat	tree
*guineensis (L.) H. Moore		PROV: wp	000m: we	RANGE: cag col cr	wh
major Jacq.		PROV: ca da lo pa	000m: 0-1	RANGE: cag col sat trt	shrub
oraria L.H. Bailey		PROV: ca cc lo pa	000m: 0-1	RANGE: end	shrub
paula L.H. Bailey		PROV: cc cn pa sa	000m: 0-1	RANGE: end	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
21 (9) PALMAE cont.					
<i>*Calyptrogyne</i>					
<i>*brachystachys</i> Burret		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr	shrub
<i>*condensata</i> (L.H. Bailey) Wessels Boer		PROV: bo cn pa vr	000m: 0-1,1-2	RANGE: cr	shrub
<i>*ghiesbreghtiana</i> (Linden & Wendl.) Wendl.		PROV: ca cc cn pa sa	000m: 0-1	RANGE: cag	shrub
<i>*sarapiquensis</i> Burret		PROV: cn pa	000m: 0-1	RANGE: cr	shrub
<i>*trichostachys</i> Burret		PROV: bo	000m: 0-1	RANGE: cr	shrub
<i>*Catoblastus</i>					
<i>*radiatus</i> (Cook & Doyle) Burret		PROV: cn	000m: 0-1	RANGE: sat	tree
<i>Chamaedorea</i>					
<i>allenii</i> L.H. Bailey		PROV: cc ch cn da sa	000m: 0-1	RANGE: end	shrub
<i>*arenbergiana</i> Wendl.		PROV: wp	000m: we	RANGE: cag gua	wh
<i>brachyclada</i> Wendl.	cult.	PROV: ch	000m: 0-1	RANGE: wr	shrub
<i>coclensis</i> L.H. Bailey		PROV: bo cc pa vr	000m: 0-1,1-2	RANGE: end	shrub
<i>*concolor</i> Mart.		PROV: pa vr	000m: 0-1,1-2	RANGE: mex	shrub
<i>*deckeriana</i> (Kl.) Hemsl.		PROV: bo cc ch pa	000m: 1-2	RANGE: gua	tree
<i>flavovirens</i> Wendl.		PROV: cc cn da pa vr	000m: 0-1,1-2	RANGE: end	shrub
<i>hageniorum</i> L.H. Bailey		PROV: ch vr	000m: 0-1,1-2,2-3	RANGE: end	shrub
<i>latipinna</i> L.H. Bailey		PROV: bo	000m: 0-1	RANGE: end	shrub
<i>linearia</i> L.H. Bailey		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>lucidifrons</i> L.H. Bailey		PROV: bo cc pa vr	000m: 0-1	RANGE: end	shrub
<i>microphylla</i> Wendl.		PROV: ch	000m: we	RANGE: end	shrub
<i>pacaya</i> Oerst.		PROV: ca cc ch da pa vr	000m: 1-2	RANGE: cr	shrub
<i>pittieri</i> L.H. Bailey		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>*pumila</i> Damm.		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: cr	shrub
<i>pygmaea</i> Damm.		PROV: ch da	000m: 0-1,1-2	RANGE: col cr	shrub
<i>scheryi</i> L.H. Bailey		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>seibertii</i> L.H. Bailey		PROV: bo ch	000m: 1-2	RANGE: end	shrub
<i>*tepejilote</i> Mart.		PROV: bo ca da pa sa vr	000m: 0-1,1-2	RANGE: col cr mex nic	shrub
<i>terryorum</i> Standl.		PROV: da	000m: 0-1	RANGE: end	shrub
<i>wedeliana</i> L.H. Bailey		PROV: bo	000m: 0-1	RANGE: end	shrub
<i>woodsoniana</i> L.H. Bailey		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr?	shrub
<i>Cocos</i>					
<i>nucifera</i> L.		intr. cult. nat. PROV: ca cn	000m: 0-1	RANGE: wdw	tree
<i>*Colpothrinax</i>					
<i>*cookii</i> Read		PROV: pa sa	000m: 0-1	RANGE: cr gua	tree
<i>Cryosophila</i>					
<i>warscewiczii</i> (Wendl.) Bartlett		PROV: ca cc ch da pa sa	000m: 0-1	RANGE: cag	tree







FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

27

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
21 (9) PALMAE cont.					
*Jessenia					
*bataua (Mart.) Burret		PROV: da	000m: 0-1	RANGE: sat	tree
Manicaria					
saccifera Gaertn.		PROV: bo ca cn sa	000m: 0-1	RANGE: ang? cag?	tree
Neonicholsonia					
*watsonii Damm.		PROV: ch	000m: 0-1	RANGE: cr	shrub
Oenocarpus					
*mapora Karst.		PROV: ca da pa sa	000m: 0-1	RANGE: bol col cr ecu per sao ven	tree
*Pelagodoxa					
*henryana Becc.	intr. cult.	PROV: ca	000m: 0-1	RANGE: owt	tree
*Pholidostachys					
*pulchra Burret		PROV: pa vr	000m: 0-1	RANGE: cr	treelet
*synanthera (Mart.) H. Moore		PROV: pa	000m: 0-1	RANGE: col ecu per	treelet
Phytelephas					
seemannii O.F. Cook		PROV: cn da	000m: 0-1	RANGE: end	treelet shrub
Prestoea					
*allenii H. Moore		PROV: ch	000m: we	RANGE: end	wh
*decurrens (Burret) H. Moore		PROV: cc	000m: 0-1, 1-2	RANGE: wr	tree
*roseospadix (L.H. Bailey) H. Moore		PROV: ch	000m: 1-2, 2-3	RANGE: end	tree
sejuncta L.H. Bailey		PROV: ca cc	000m: 0-1	RANGE: sat	tree
Raphia					
taedigera Mart.		PROV: bo ca	000m: 0-1	RANGE: afr col cr nic nwg? sao	tree
*Reinhardtia					
*gracilis (Wendl.) Burret		PROV: pa vr	000m: 0-1	RANGE: cag	shrub
*koschnyana (Wendl. & Damm.) Burret		PROV: da	000m: 0-1	RANGE: cag	tree
simplex Burret		PROV: bo da	000m: 0-1	RANGE: cr	shrub
Roystonea					
oleracea (Jacq.) Cook	intr. cult.	PROV: wp	000m: 0-1	RANGE: lag? trt	tree
regia (H.B.K.) Cook	intr. cult.	PROV: wp	000m: 0-1	RANGE: cub	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
21 (9) PALMAE cont.					
<i>Sabal</i> <i>allenii</i> L.H. Bailey		PROV: da pa	000m: 0-1	RANGE: end	tree
<i>Scheelea</i> <i>zonensis</i> L.H. Bailey		PROV: ca cn da pa	000m: 0-1	RANGE: cr	tree
* <i>Serenoa</i> * <i>repens</i> (Bartram) Small	intr. cult.	PROV: ca	000m: 0-1	RANGE: fla	shrub
<i>Socratea</i> <i>durissima</i> (Oerst.) Wendl.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: cr nic sat	tree
<i>Synechanthus</i> <i>warscewiczianus</i> Wendl.		PROV: bo ca cc cn da pa sa vr	000m: 0-1,1-2	RANGE: col cr ecu	shrub
<i>Welfia</i> <i>georgii</i> Burret		PROV: bo ca cc pa	000m: 0-1	RANGE: col cr	tree
* <i>Wettinia</i> * <i>hirsuta</i> Burret		PROV: cn pa sa	000m: 0-1	RANGE: col	tree
22 (10) CYCLANTHACEAE					
* <i>Asplundia</i> * <i>alata</i> Harl.		PROV: ca ch cn da pa sa	000m: 0-1,2-3	RANGE: col cr	shrub climber
* <i>antioquiae</i> Harl.		PROV: bo cc	000m: 0-1,1-2	RANGE: col cr	epiph herb
* <i>costaricensis</i> Harl.		PROV: cc pa sa	000m: 0-1	RANGE: cr	epiph herb
* <i>microphylla</i> (Oerst.) Harl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	climber
*--subsp. <i>panamensis</i> Harl.		PROV: sa	000m: 0-1	RANGE: cr	shrub
* <i>pittieri</i> (Woods.) Harl.		PROV: cc	000m: 0-1	RANGE: cr	herb
* <i>sleeperae</i> Grayum & Hammel		PROV: cc	000m: 0-1	RANGE: col cr ecu gua per	epiph
* <i>vagans</i> Harl.		PROV: cc	000m: 0-1	ven	herb
<i>Carludovica</i> <i>drudei</i> Mast.		PROV: ca ch da sa	000m: 0-1	RANGE: cr mex	shrub
<i>palmata</i> R. & P.		PROV: bo ca cc cn da pa	000m: 0-1,1-2	RANGE: bol cag gag mex per sag	shrub
<i>rotundifolia</i> Hook. f.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
*--subsp. <i>pachyspadix</i> Harl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
22 (10) CYCLANTHACEAE cont.					
--subsp. rotundifolia		PROV: bo	000m: 0-1	RANGE: cr hon	shrub
<i>Cyclanthus</i>					
<i>bipartitus</i> Poit.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: cag gua lag per sag sao trt	shrub
* <i>indivisus</i> Schult.		PROV: pa sa	000m: 0-1	RANGE: col	shrub
* <i>Dicranopygium</i>					
* <i>crinitum</i> Harl.		PROV: ca cn pa sa	000m: 0-1,2-3	RANGE: end	herb
* <i>cuatrecasanum</i> Harl.		PROV: cc vr	000m: 0-1	RANGE: col	herb
* <i>harlingi</i> Wilder		PROV: pa	000m: 0-1	RANGE: end	herb
* <i>pachystemon</i> Harl.		PROV: cn	000m: 0-1	RANGE: per	herb
* <i>testaceum</i> Harl.		PROV: da	000m: 0-1	RANGE: col	herb
* <i>wallisii</i> (Regel) Harl.		PROV: da pa	000m: 0-1	RANGE: col	herb
* <i>wedellii</i> Harl.		PROV: bo cc da pa vr	000m: 0-1,1-2	RANGE: cag? cr gag hon	herb shrub
<i>Evodianthus</i>					
* <i>funifer</i> (Poit.) Lindm.					
*--subsp. <i>funifer</i>		PROV: bo cc cn da pa sa sa vr	000m: 0-1	RANGE: cag? cr hon per sao trt	climber
<i>Ludovia</i>					
* <i>integrifolia</i> (Woods.) Harl.		PROV: ca cc cn da pa vr	000m: 0-1	RANGE: col cr ecu	climber shrub
* <i>lancifolia</i> Brongn.		PROV: cn pa	000m: 0-1	RANGE: col per sao	epiph herb
* <i>Sphaeradenia</i>					
* <i>alleniana</i> Harl.		PROV: cc pa	000m: 0-1,1-2	RANGE: end	epiph herb
* <i>chiriquensis</i> Harl.		PROV: cc ch da	000m: 1-2,2-3	RANGE: end	terr herb
* <i>davidsoniae</i> Harl.		PROV: ch	000m: 2-3	RANGE: end	epiph herb
* <i>ensiformis</i> (Hook. f.) Harl.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr	epiph herb
* <i>horrida</i> (Harl.) Harl.		PROV: ch	000m: 1-2	RANGE: ecu	herb
* <i>killipii</i> (Standl.) Harl.		PROV: da	000m: we	RANGE: col	shrub
* <i>pachystigma</i> Harl.		PROV: ch	000m: 1-2,2-3	RANGE: end	herb
* <i>quitoensis</i> (Harl.) Harl.		PROV: ch	000m: 1-2	RANGE: ecu	herb
* <i>stenosperma</i> Harl.		PROV: pa	000m: 0-1	RANGE: col	epiph herb
* <i>woodsonii</i> Harl.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
* <i>Thoracocarpus</i>					
* <i>bissectus</i> (Vell.) Harl.		PROV: cc cn da	000m: 0-1,1-2	RANGE: col gui per sag sao trt	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE					
*Alocasia *macrorrhiza Schott		cult. PROV: vr	000m: 0-1	RANGE: asi	herb
Anthurium acutangulum Engl.		PROV: bo bo ca cn pa sa	000m: 0-1,1-2	RANGE: cr hon nic	epiph herb
*acutifolium Engl.		PROV: ch	000m: 0-1	RANGE: cr	terr herb
*aiticola Croat		PROV: bo ch da	000m: 1-2	RANGE: col	epiph herb
*amnicola Dressler		PROV: cc	000m: 0-1	RANGE: end	herb
*angustilobum Croat		PROV: pa	000m: 0-1	RANGE: end	herb
*angustispadix Croat & Baker		PROV: ch	000m: 0-1,1-2	RANGE: cr	epiph herb
*antonioanum Croat		PROV: ch da	000m: 1-2	RANGE: end	epiphyte
*bakeri Hook. f.		PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: bel col cr gua mex nic	epiphyte
*barryi Croat		PROV: da	000m: 0-1	RANGE: end	epiphyte
*bicollectivum Croat		PROV: ca cc ch cn da pa vr	000m: 0-1	RANGE: end	epiphyte
*brevispadix Croat		PROV: cc	000m: 0-1	RANGE: end	epiphyte
*brownii Mast.		PROV: ca cc cn da pa sa	000m: 0-1,1-2	RANGE: col cr	epiphyte
*caloveboranum Croat		PROV: bo cc ch vr	000m: 0-1,1-2	RANGE: end	epiphyte
*caperatum Croat & Baker		PROV: cc ch da pa vr	000m: 0-1,1-2	RANGE: cr	terr epiph herb
*carnosum Croat & Baker		PROV: bo ch	000m: 0-1,1-2,2-3	RANGE: cr	epiph climber
*cartiense Croat		PROV: cn pa sa	000m: 0-1	RANGE: end	epiphyte
*cerrocampanense Croat		PROV: cc cn pa	000m: 0-1	RANGE: end	terr herb
*cerropirrense Croat		PROV: da	000m: 0-1,1-2	RANGE: end	epiphyte
chiriquense Standl.		PROV: ch	000m: 1-2	RANGE: end	epiphyte
*chorrense Croat		PROV: pa	000m: 0-1	RANGE: end	epiphyte
*chromostachyum Croat		PROV: da	000m: 0-1	RANGE: end	terr
*cineraceum Croat		PROV: da	000m: 0-1	RANGE: col	epiph herb
*cinereopetiolatum Croat		PROV: pa	000m: 0-1	RANGE: end	epiph herb
*circinatum Croat		PROV: bo ch	000m: 1-2	RANGE: end	terr epiph herb
*clavigerum Poepp.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: bol col cr ecu gui nic per sao sat ven	epiphyte
*clidemloides Standl.		PROV: bo	000m: 0-1	RANGE: cr	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000m.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
*coadiense Croat		PROV: cc ch pa vr	000m: 0-1, 1-2	RANGE: end	epiph terr herb
*collinsii Croat		PROV: pa	000m: 0-1	RANGE: end	terr herb
*colonense Croat		PROV: ca cc ch da vr	000m: 0-1, 1-2	RANGE: end	epiphyte
colonicum K. Krause		PROV: cc ch pa sa vr	000m: 0-1, 1-2	RANGE: end	epiphyte
*coloradense Croat		PROV: ch	000m: 1-2	RANGE: end	terr herb
condinnatum Schott		PROV: cc ch pa	000m: 0-1, 2-3	RANGE: cr	epiph terr herb
*condolor K. Krause		PROV: bo ca ch	000m: 0-1	RANGE: col	epiphyte
*consobrinum Schott		PROV: vr	000m: 0-1	RANGE: cag cr nic	epiphyte
*correse Croat		PROV: cc ch pa sa	000m: 0-1	RANGE: end	epiphyte
*cotabrusii Croat & Baker		PROV: ch	000m: 1-2	RANGE: cr	terr epiph herb
*crassilaminum Croat		PROV: cc	000m: 0-1	RANGE: end	epiph herb
*crassiradix Croat					
*-var. crassiradix		PROV: cc ch pa	000m: 0-1	RANGE: end	epiphyte
*-var. purpureospadix Croat		PROV: cc	000m: 0-1	RANGE: end	epiphyte
*crassitapalum Croat		PROV: da	000m: 1-2	RANGE: end	epiphyte
*crystallinum Linden & Andre		PROV: da	000m: 1-2	RANGE: col	epiphyte
*cuisicanum Croat		PROV: da	000m: 1-2	RANGE: end	epiphyte
*cubense Engl.		PROV: ch	000m: 0-1	RANGE: col cr cub gua mex nic ven	terr epiph herb
*cucullispathum Croat		PROV: cc ch ch da pa vr	000m: 0-1, 1-2	RANGE: end	epiphyte
*cuneatissimum (Engl.) Croat		PROV: cc ch	000m: 0-1	RANGE: cr	epiphyte
*curvilaminum Croat		PROV: cc pa	000m: 0-1	RANGE: end	epiph terr herb
*curvispadix Croat		PROV: cc ch da pa sa vr	000m: 0-1, 1-2	RANGE: end	epiphyte
*cuspidatum Mast.		PROV: bo cc ch ch da pa sa vr	000m: 0-1, 1-2	RANGE: col cr ecu nic	terr epiph herb
*davidsoniae Standl.		PROV: bo ch	000m: 1-2	RANGE: cr	terr herb
*dichrophyllum Croat		PROV: vr	000m: 1-2	RANGE: end	epiphyte
*dressleri Croat		PROV: ca ch pa sa	000m: 0-1	RANGE: col	terr herb
*dukai Croat		PROV: da	000m: 0-1, 1-2	RANGE: end	epiphyte
*dwyeri Croat		PROV: cc ch da pa sa	000m: 0-1, 1-2	RANGE: col	epiphyte
*erythrostachyum Croat		PROV: da	000m: 1-2	RANGE: col	epiph terr herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
*fatoense K. Krause		PROV: bo cc ch cn vr	000m: 0-1	RANGE: cr	epiphyte
*fendleri Schott		PROV: vr	000m: 0-1	RANGE: col ven	terr epiph herb
*flexile Schott		PROV: bo ca cc ch da	000m: 0-1	RANGE: bel cag cr gua hon	epiphyte
*folsomianum Croat		PROV: pa	000m: 0-1	RANGE: mex nic end	terr epiph herb
*foreroanum Croat		PROV: da	000m: 1-2	RANGE: end	epiphyte
*formosum Schott		PROV: bo cc ch cn vr	000m: 0-1,1-2	RANGE: col cr ecu	epiph terr herb
*fragrantissimum Croat		PROV: cc cn da pa vr	000m: 0-1,1-2	RANGE: col	epiph herb
*friedrichsthalii Schott		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: cag col cr gua	epiphyte
*fusiforme Croat		PROV: ch	000m: 1-2	RANGE: end	epiphyte
garagaranum Standl.		PROV: cc cn da pa sa vr	000m: 0-1,1-2	RANGE: col	epiph herb
*gentryi Croat		PROV: pa	000m: 0-1	RANGE: end	epiphyte
*globosum Croat		PROV: bo ch	000m: 1-2,2-3	RANGE: end	epiph terr herb
*gracile (Rudge) Lindl.		PROV: bo ca da pa	000m: 0-1	RANGE: ang bel cag col cr gua gui hon per sat trt	epiphyte
*gracillaminum Croat		PROV: ch	000m: 1-2	RANGE: end	epiphyte
*gracilispadix Croat		PROV: bo cc ch	000m: 0-1,1-2	RANGE: end	epiph herb
*hacumense Engl.		PROV: ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: col cr	epiphyte
*hammelii Croat		PROV: bo	000m: 1-2	RANGE: end	epiphyte
*hebetatum Croat		PROV: cc vr	000m: 0-1,1-2	RANGE: end	epiphyte
*hoffmannii Schott		PROV: cc ch cn vr	000m: 0-1,1-2	RANGE: cr	epiph terr herb
*hornitense Croat		PROV: ch vr	000m: 1-2	RANGE: end	epiph herb
*hutchisonii Croat		PROV: cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: col	terr epiph herb
*impolitum Croat		PROV: cn da pa sa	000m: 0-1	RANGE: end	herb
*interruptum Sod.		PROV: cc ch da vr	000m: 0-1,1-2	RANGE: bel col cr ecu gua nic	epiph herb
*jefense Croat		PROV: pa	000m: 0-1,1-2	RANGE: end	epiph herb
*kallunkiae Croat		PROV: vr	000m: 1-2	RANGE: end	epiphyte
*kamemotoanum Croat		PROV: pa	000m: 0-1	RANGE: end	epiph terr herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
*kunthii Poepp.		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: col cr ecu nic per	epiph herb
*lactifructum Croat		PROV: da	000m: 0-1	RANGE: end	epiphyte
*lancifolium Schott		PROV: ch	000m: 1-2	RANGE: end	herb
*--var. albifructum Croat		PROV: bo cc ch cn da	000m: 0-1,1-2	RANGE: col cr nic	epiph
*--var. lancifolium		pa sa vr			terr herb
*lentii Croat & Baker		PROV: cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: col cr	epiph terr herb
*leptocaula Croat		PROV: bo cc ch vr	000m: 0-1,1-2	RANGE: end	herb
*llanense Croat		PROV: cn pa sa	000m: 0-1	RANGE: end	epiphyte
*longistipitatum Croat		PROV: bo ch	000m: 1-2	RANGE: end	epiphyte
*luteynii Croat		PROV: cc da vr	000m: 0-1	RANGE: end	epiph terr herb
*madisonianum Croat		PROV: ch vr	000m: 0-1,1-2,2-3	RANGE: end	epiphyte
*malianum Croat		PROV: da	000m: 1-2	RANGE: col	epiphyte
*melastomatis Croat		PROV: cc sa	000m: 0-1,1-2	RANGE: end	epiph terr herb
michelii Guillaumin		PROV: bo cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: col cr	epiph terr herb
microspadix Schott		PROV: ch vr	000m: 0-1,1-2,2-3	RANGE: bel col cr ecu gua hon mex nic	epiph terr herb
myosuroides (H.B.K.) Endl.		PROV: ca cc pa	000m: 0-1	RANGE: col	epiphyte
*nervatum Croat		PROV: cc ch vr	000m: 0-1,1-2	RANGE: end	epiphyte
*niqueanum Croat		PROV: da	000m: 1-2	RANGE: end	epiph herb
*obtusilobum Schott		PROV: bo ch da	000m: 0-1,1-2	RANGE: col cr	epiph terr herb
ochranthum K. Koch		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: cr	herb
*oxystachyum Croat		PROV: cc	000m: 0-1	RANGE: end	epiphyte
*pageanum Croat		PROV: bo cc pa vr	000m: 0-1,1-2	RANGE: end	epiphyte
pallens Schott		PROV: bo ch	000m: 1-2	RANGE: cr	epiph herb
*paludosum Engl.		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: col cr	epiph herb
*panamense Croat		PROV: bo cc vr	000m: 0-1	RANGE: end	epiph herb
*panduriforme Schott		PROV: bo cc ch da pa vr	000m: 0-1,1-2	RANGE: col cr	epiph herb
*papillilaminum Croat		PROV: cn da	000m: 0-1	RANGE: end	herb
*pauciflorum Croat		PROV: ch	000m: 1-2	RANGE: end	epiphyte



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

34

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
*pendens Croat		PROV: cn da pa sa	000m: 0-1	RANGE: col	epiphyte
*pentaphyllum (Aubl.) G. Don					
*--var. bombacifolium (Schott) M. Madison		PROV: ca cc ch cn da pa sa	000m: 0-1	RANGE: bel cr gua hon mex	epiph herb
*pirrense Croat		PROV: da	000m: 1-2	RANGE: end	epiphyte
pittieri Engl.					
*--var. morii Engl.		PROV: bo cc ch vr	000m: 0-1,1-2,2-3	RANGE: end	terr epiph herb
--var. pittieri		PROV: cc ch cn pa vr	000m: 0-1,1-2,2-3	RANGE: cr per	epiphyte
*platyrhizum Croat		PROV: cn sa	000m: 0-1	RANGE: end	epiphyte
*pluricostatum Croat & Baker		PROV: ch cn pa	000m: 0-1	RANGE: cr	herb
*protensum Schott					
*--subsp. arcuatum Croat		PROV: bo ch vr	000m: 0-1,1-2	RANGE: cr	epiph herb
*pseudospectabile Croat		PROV: ch	000m: 1-2	RANGE: end	epiphyte
*purpureospathum Croat		PROV: bo ch	000m: 0-1,1-2	RANGE: end	epiph terr herb
ramonense K. Krause		PROV: bo ca cc cn da pa sa vr	000m: 0-1,1-2	RANGE: cr nic	epiph herb
*ranchoanum Engl.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: cr	epiph terr herb
*ravenii Croat & Baker		PROV: ca cc ch cn da pa sa vr	000m: 0-1	RANGE: col cr ecu hon nic	epiph herb
*redolens Croat		PROV: cc da pa	000m: 0-1,1-2,2-3	RANGE: end	epiphyte
*roseospathum Croat		PROV: ca cc ch pa vr	000m: 0-1	RANGE: end	epiph herb
*rotundistigmatum Croat		PROV: da pa vr	000m: 0-1	RANGE: end	epiphyte
*rubrifructum Croat		PROV: da	000m: 1-2	RANGE: end	epiph climber
*rupicola Croat		PROV: cc vr	000m: 0-1	RANGE: end	herb
*sagawae Croat		PROV: pa	000m: 0-1	RANGE: end	epiph herb
*salviniae Hemsl.		PROV: ca ch da pa	000m: 0-1,1-2	RANGE: cag col cr gua hon	epiphyte
*sanctifidense Croat		PROV: cc ch cn da pa sa vr	000m: 0-1	RANGE: end	herb
*sapense Croat		PROV: da	000m: 0-1	RANGE: end	epiphyte
scandens (Aubl.) Engl.					
*--subsp. pusillum Sheffer		PROV: cc ch da pa vr	000m: 0-1,1-2,2-3	RANGE: col hon ven	epiph herb
--subsp. scandens		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2,2-3	RANGE: ang bel cag cr gag gua gui hon mex nic sal sao trt ven	epiph herb
*seibertii Croat & Baker		PROV: ch	000m: 1-2	RANGE: cr	epiph herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
*spathiphyllum N.E. Br.		PROV: bo cc	000m: 0-1	RANGE: cr nic	epiphyte
*subrotundum Croat		PROV: da	000m: 1-2	RANGE: end	herb
*supraglandulum Croat		PROV: pa	000m: 0-1	RANGE: end	epiphyte
*sytsmae Croat		PROV: cc	000m: 0-1	RANGE: end	epiph herb
*tacarcunense Croat		PROV: da pa	000m: 0-1,1-2	RANGE: end	epiph herb
*teribense Croat		PROV: bo	000m: 0-1	RANGE: end	epiphyte
*terryae Standl. & L.O. Wms.		PROV: da	000m: 0-1,1-2	RANGE: end	epiphyte
*testaceum Croat & Baker		PROV: bo ch	000m: 0-1,1-2,2-3	RANGE: cr	epiph terr herb
*tilaranense Standl.		PROV: cc ch da pa vr	000m: 0-1,1-2	RANGE: cr	epiphyte
*tonduzii Engl.		PROV: cc ch da vr	000m: 0-1,1-2	RANGE: cr	epiph terr herb
trinerve Miq.		PROV: bo ca cc ch cn da he pa sa vr	000m: 0-1,1-2	RANGE: bel cr gua gui hon nic sao	epiph herb
*trisectum Sod.		PROV: cc ch vr	000m: 0-1	RANGE: col cr ecu	herb
*tutense Croat		PROV: cc ch vr	000m: 0-1,1-2	RANGE: end	epiphyte
*tysonii Croat		PROV: pa	000m: 0-1	RANGE: end	herb
validifolium K. Krause		PROV: ch	000m: 1-2	RANGE: end	epiph herb
*vallense Croat		PROV: cc cn pa vr	000m: 0-1,1-2	RANGE: col	epiph terr herb
*watermaliense L.H. Bailey		PROV: bo ch vr	000m: 0-1,1-2,2-3	RANGE: col cr	herb
*wedelianum Croat					
*--subsp. viridispadix Croat		PROV: cc cn vr	000m: 0-1,1-2	RANGE: end	epiphyte
*--subsp. wedelianum		PROV: bo	000m: 0-1	RANGE: end	epiphyte
*wendlingerii G. Barroso		PROV: cc cn pa sa vr	000m: 0-1	RANGE: cr	epiphyte
williamsii K. Krause		PROV: bo cc da pa vr	000m: 0-1,1-2	RANGE: col cr ecu	epiph herb
Caladium					
bicolor (Ait.) Vent. cult.		PROV: ca	000m: 0-1	RANGE: gui nwg?	herb
*lindenii (Andre) M. Madison cult.		PROV: ca cn	000m: 0-1	RANGE: wr	terr herb
*Colocasia					
*esculenta (L.) Schott		PROV: bo ch da pa sa	000m: 0-1	RANGE: wdt	terr herb
Dieffenbachia					
aurantiaca Engl.		PROV: ch	000m: 0-1	RANGE: cr	herb
longispatha Engl. & K. Krause		PROV: bo ca cc ch cn pa sa	000m: 0-1	RANGE: col? cr hon	herb
oerstedii Schott		PROV: bo ca ch cn da lo pa	000m: 0-1	RANGE: gua	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

36

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
<i>pittieri</i> Engl. & K. Krause		PROV: ca cc sa	000m: 0-1,1-2	RANGE: end	herb
<i>Dracontium</i>					
<i>costaricense</i> Engl.		PROV: ca sa	000m: 0-1	RANGE: cr	herb
* <i>dressleri</i> Croat		PROV: ca cn da	000m: 0-1	RANGE: cr	herb
* <i>Heteropsis</i>					
* <i>oblongifolia</i> Kunth		PROV: ch on da pa sa	000m: 0-1	RANGE: cr	climber
<i>Homalomena</i>					
* <i>wallisii</i> Regel		PROV: bo pa sa	000m: 0-1	RANGE: wr	wh
<i>wendlandii</i> Schott		PROV: ca ch cn pa sa	000m: 0-1	RANGE: col cr	climber
<i>Monstera</i>					
* <i>adansonii</i> Schott					
*--var. <i>laniata</i> (Schott) M. Madison		PROV: bo ca cc ch cn da lo pa vr	000m: 0-1,1-2	RANGE: abc ang cag col cr ecu gui hon lag mex nic per sag sao trt ven	epiph climber
<i>deliciosa</i> Liebm.		PROV: ca ch vr	000m: 0-1,1-2	RANGE: cag mex	epiph climber
* <i>dilacerata</i> (K. Koch & Sello) K. Koch		PROV: ca cc ch da pa sa	000m: 0-1,1-2	RANGE: bel cag col cr gua nic per sag sao ven	epiph herb climber
* <i>dubia</i> (H.B.K.) Engl. & K. Krause		PROV: ca ch pa	000m: 0-1	RANGE: bol cr sag sao trt	epiph climber
* <i>lechleriana</i> Schott		PROV: pa	000m: 0-1	RANGE: cag sat	epiph climber
* <i>membranacea</i> M. Madison		PROV: ch	000m: 0-1	RANGE: cr	epiph climber
* <i>minima</i> M. Madison		PROV: sa	000m: 0-1	RANGE: end	climber
* <i>obliqua</i> Miq.		PROV: bo cc da pa sa vr	000m: 0-1	RANGE: col gui per sao trt ven	epiph herb
* <i>oreophila</i> M. Madison		PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: cr	epiph herb
<i>pittieri</i> Engl.		PROV: ca cc cn	000m: 0-1	RANGE: cr	epiph climber
* <i>punctulata</i> (Schott) Engl.		PROV: ch da	000m: 1-2	RANGE: cag mex	epiph herb
* <i>spruceana</i> (Schott) Engl.		PROV: pa sa	000m: 0-1	RANGE: cr sag	herb
* <i>tenuis</i> K. Koch		PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
* <i>tuberculata</i> Lund.					
*--var. <i>brevinodum</i> (Standl. & W.O. Wms.) M. Madison		PROV: bo	000m: 0-1	RANGE: bel cr gua mex	climber
<i>Montrichardia</i>					
<i>arborescens</i> (L.) Schott		PROV: bo ca cn da sa	000m: 0-1	RANGE: bel gua gui lag	aquat herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
Philodendron					
*aurantiifolium Schott		PROV: wp	000m: 0-1	RANGE: cr	climber
brenesii Standl.		PROV: ch	000m: 1-2	RANGE: cr	epiph climber
brevispathum Schott		PROV: ca	000m: 0-1	RANGE: cr nic ven	epiph climber
grandipes K. Krause		PROV: bo ca cc ch cn	000m: 0-1	RANGE: cr ecu nic	epiph herb
*hederaceum (Jacq.) Schott		PROV: ca da he lo pa	000m: 0-1	RANGE: cag col cub gui mex	hemiep climber
*inaequilaterum Liebm.		PROV: ca cc ch da pa	000m: 0-1,1-2	RANGE: col cr ecu mex per	hemiep climber
*inconcinnum Schott		PROV: bo ca cn da	000m: 0-1	RANGE: col cr nic	hemiep climber
*lewisii Croat & Grayum		PROV: bo cc ch cn pa	000m: 0-1,1-2	RANGE: cr	hemiep climber
*mediavaginatum Croat & Grayum		PROV: ca	000m: 0-1	RANGE: cr	hemiep climber
panamense K. Krause		PROV: ca ch pa	000m: 0-1	RANGE: cr ecu hon nic?	epiph hemiep climber
*platypetiolatum M. Madison		PROV: wp	000m: 0-1	RANGE: cr ecu	epiph herb
*popenoei Standl. & Steyer.		PROV: ch	000m: 0-1	RANGE: cr hon nic	climber
*pterotum K. Koch		PROV: ca ch cn	000m: 0-1	RANGE: cr	epiph hemiep climber
radiatum Schott		PROV: bo ca cn	000m: 0-1	RANGE: cag mex	epiph hemiep climber
rigidifolium K. Krause		PROV: ca	000m: 0-1	RANGE: cr nic	hemiep climber
*sagittifolium Liebm.		PROV: ca cn pa sa	000m: 0-1	RANGE: cag col cr mex	epiph hemiep climber
*scandens K. Koch & Sello		PROV: bo ca cc ch cn	000m: 0-1	RANGE: ang bol cag cr gua	climber
*schottianum Schott		PROV: bo ca cn pa	000m: 0-1	RANGE: bel cr gui per sao	epiph climber
*tenue K. Koch		PROV: wp	000m: 0-1	RANGE: col ecu nic ven	epiph climber
tripartitum (Jacq.) Schott		PROV: bo ca cc pa	000m: 0-1	RANGE: bel cag col gua jam	epiph climber
verrucosum Mathieu	cult.	PROV: bo sa	000m: 0-1	RANGE: col cr	climber
wendlandii Schott		PROV: bo ca cn	000m: 0-1	RANGE: cr	epiph climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

38

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
<i>Pistia stratiotes</i> L.		PROV: ca da pa	000m: 0-1	RANGE: wdw	aquat herb
<i>Rhodospatha moritziana</i> (Schott) Croat		PROV: ca ch cn sa	000m: 0-1	RANGE: col cr ven	terr herb
<i>*wendlandii</i> Schott		PROV: ca cc da	000m: 0-1,1-2	RANGE: cag? col? cr mex?	epiph climber
<i>Spathiphyllum floribundum</i> (Linden & Andre) N.E. Br.		PROV: ca cc pa	000m: 0-1	RANGE: col	herb
<i>friedrichsthali</i> Schott		PROV: bo ca cc ch cn da sa	000m: 0-1,1-2	RANGE: cag col gua nic sal	herb
<i>fulvovirens</i> Schott		PROV: bo cc sa	000m: 0-1	RANGE: cr	herb
<i>*kalbreyeri</i> Bunting		PROV: da	000m: 0-1	RANGE: col	herb
<i>phryniifolium</i> Schott		PROV: bo ca cc ch cn lo pa sa vr	000m: 0-1,1-2,2-3	RANGE: cag col gua nic	herb
<i>*quindiense</i> Engl.		PROV: cc pa sa	000m: 0-1	RANGE: col	herb
<i>*wendlandii</i> Schott		PROV: ch	000m: 1-2	RANGE: cr	herb
<i>Stenospermation allenii</i> Gomez & Croat		PROV: cc cn pa sa	000m: 0-1	RANGE: end	epiph climber
<i>*andreanum</i> Engl.		PROV: cc da pa vr	000m: 0-1	RANGE: bol col ecu	epiph herb
<i>*angustifolium</i> Hemsl.		PROV: bo ca cc ch cn da pa vr	000m: 0-1,1-2	RANGE: col cr nic	epiph climber
<i>*luteynii</i> Gomez & Croat		PROV: cc ch pa	000m: 0-1,1-2	RANGE: end	epiph herb
<i>*marantifolium</i> Hemsl.		PROV: bo cc cn pa vr	000m: 0-1,1-2	RANGE: cr nic	epiph herb
<i>*multiflorum</i> Engl.		PROV: sa	000m: 0-1	RANGE: wr	wh
<i>*multiovulatum</i> (Engl.) N.E. Br.		PROV: bo ca cc cn pa vr	000m: 0-1	RANGE: bol col gui per sag sao ven	epiph herb
<i>*robustum</i> Engl.		PROV: ch da pa	000m: 0-1,1-2	RANGE: col cr gua	epiph herb
<i>sessile</i> Engl.		PROV: bo ca cc ch pa	000m: 0-1,1-2	RANGE: cr	epiph climber
<i>spruceanum</i> Schott		PROV: bo cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: col cr gua gui per sag sao ven	epiph climber
<i>Syngonium angustatum</i> Schott	cult.	PROV: ca	000m: 0-1	RANGE: bel cr gua hon mex nic	hemiep climber
<i>*erythrophyllum</i> Bunting		PROV: ca pa	000m: 0-1	RANGE: end	hemiep climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
23 (11) ARACEAE cont.					
*glaucopetiolatum Croat		PROV: ch	000m: 1-2	RANGE: end	hemiep climber
hoffmannii Schott		PROV: cc ch da he pa vr	000m: 0-1,1-2	RANGE: cr nic	climber
*laterinervium Croat		PROV: ch	000m: 0-1	RANGE: cr	hemiep climber
*llanoense Croat		PROV: ca cn pa	000m: 0-1	RANGE: end	hemiep climber
*macrophyllum Engl.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: col cr ecu gua hon mex nic	herb
*mauroanum Bunting		PROV: ch he lo pa vr	000m: 0-1	RANGE: cr	hemiep climber
podophyllum Schott					
*--var. peliocladum (Schott) Croat		PROV: bo	000m: 0-1	RANGE: cr	hemiep climber
--var. podophyllum		PROV: bo ca ch cn da pa	000m: 0-1,1-2	RANGE: ang bel bol col cr ecu gua gui hon mex nic per sag trt ven	climber
*schottianum Schott		PROV: bo cc ch cn pa sa vr	000m: 0-1	RANGE: cr hon nic	hemiep climber
*triphyllum Croat		PROV: cc ch cn vr	000m: 0-1	RANGE: cr hon nic	hemiep climber
Urospatha					
*friedrichsthali Schott		PROV: ca	000m: 0-1	RANGE: cag col gua	herb
Xanthosoma					
helleborifolium (Jacq.) Schott		PROV: ca	000m: 0-1	RANGE: cr gui lag per	herb
mexicanum Liebm.		PROV: ca pa	000m: 0-1	RANGE: cag? mex	herb
*nigrum (Vell.) Steff. cult.		PROV: ca pa	000m: 0-1	RANGE: wdt	herb
pilosum K. Koch & Aug.		PROV: ca cc ch da lo pa vr	000m: 0-1	RANGE: col cr	herb
*sagittifolium Schott		PROV: pa sa	000m: 0-1	RANGE: wr	herb

24 (12) LEMNACEAE

Lemna					
*aequinoctialis Welw.		PROV: wp	000m: we	RANGE: afr ang asi cag nag oce sat	aquat herb
*biperforata W. Koch		PROV: ca	000m: 0-1	RANGE: sag	aquat herb
*miniscula Herter		PROV: ch	000m: 1-2	RANGE: cag nag sag	aquat herb
*polyrhiza (L.) Schleid		PROV: pa	000m: 0-1	RANGE: ang asi cag eur nag oce sat	aquat herb
valdiviana Phil.		PROV: ca ch pa	000m: 0-1,1-2	RANGE: ang cag? mex nag sag	aquat herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
24 (12) LEMNACEAE cont.					
Wolffia *brasiliensis Wedd.		PROV: ca	000m: 0-1	RANGE: cag mex sag	aquat herb
Wolffiella lingulata HgIm.		PROV: ca	000m: 0-1	RANGE: cal mex nag nas sag	aquat herb
28 (13) MAYACACEAE					
Mayaca aubletii Michx.		PROV: pa	000m: 0-1	RANGE: cag? cub fla mex nag? nao tex	aquat herb
fluviatilis Aubl.		PROV: ch pa	000m: 0-1,1-2	RANGE: cub fla his jam nag? nao sag? sao trt	aquat herb
29 (14) XYRIDACEAE					
Xyris jupicai Rich.		PROV: cc pa	000m: 0-1,1-2	RANGE: cag gag mex nas sag sao	herb
*laxifolia Mart. *--var. laxifolia		PROV: ch pa	000m: 0-1,1-2	RANGE: cr gua sag ven	herb
*subulata R. & P. *--var. acutifolia Hiemerl.		PROV: bo	000m: 2-3,3+	RANGE: bol col cr per ven	herb
30 (15) ERIOCAULACEAE					
Eriocaulon panamense Mold.		PROV: ch	000m: 1-2	RANGE: end	herb
seemannii Mold.		PROV: ca pa	000m: 0-1	RANGE: end	herb
williamsii Mold.		PROV: cc	000m: 0-1	RANGE: bel	herb
woodsonianum Mold.		PROV: he pa	000m: 0-1	RANGE: end	herb
Paepalanthus *costaricensis Mold. lamarckii Kunth		PROV: bo PROV: cc	000m: 2-3 000m: 0-1	RANGE: cr RANGE: bel cag? cub his sao trt	herb herb
*pilosus (H.B.K.) Kunth		PROV: bo	000m: 2-3	RANGE: cr	herb
Syngonanthus pittieri Mold.		PROV: ch	000m: 0-1,1-2	RANGE: end	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

41

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
30 (15) ERIOCAULACEAE cont.					
Tonina fluviatilis Aubl.		PROV: ch	000m: 1-2	RANGE: bel cag? col cub sao trt	aquat herb
31 (16) RAPATEACEAE					
*Epidryos *allenii (Steerm.) Maguire		PROV: cc vr	000m: 0-1	RANGE: end	epiph herb
32 (17) BROMELIACEAE					
Aechmea					
allenii L.B. Sm.		PROV: cc pa sa	000m: 0-1	RANGE: end	herb
angustifolia P. & E.		PROV: bo ca da	000m: 0-1,1-2	RANGE: bol col cr per sao	epiphyte
*bracteata (Sw.) Griseb.		PROV: bo	000m: 0-1,1-2	RANGE: cag col mex ven	epiphyte
dactylina Baker		PROV: bo ca cc cn pa sa	000m: 0-1	RANGE: col cr nic	epiphyte
germinyana (Carr.) Baker		PROV: da	000m: 1-2	RANGE: col	herb
*lingulata (L.) Baker		PROV: ch	000m: 0-1,1-2	RANGE: ang bah cr gui sao trt ven	herb
magdalenae Baker		PROV: bo ca ch da pa sa	000m: 0-1	RANGE: bel col cr ecu gua hon mex sal ven	terr herb
mexicana Baker		PROV: cc vr	000m: 0-1,1-2	RANGE: cr ecu gua mex	epiphyte
nudicaulis (L.) Griseb.		PROV: bo sa	000m: 0-1	RANGE: ang cr ecu gag mex nic per sao trt ven	epiphyte
pubescens Baker		PROV: bo ca cc cn da pa	000m: 0-1,1-2	RANGE: col cr hon nic ven	epiphyte
setigera Schult.		PROV: ca cn da he pa	000m: 0-1	RANGE: col gui sao	epiph
*strobilina (Beurl.) L.B. Sm. & Read		PROV: cn pa sa	000m: 0-1	RANGE: end	herb
tillandsioides					
--var. kienastii (Mez) L.B. Sm.		PROV: bo ca cn	000m: 0-1	RANGE: cag col gui mex sao	epiphyte
tonduzii Mez & Pitt.		PROV: da pa	000m: 1-2	RANGE: cr	epiphyte
veitchii Baker		PROV: ch da	000m: 1-2	RANGE: col cr	epiphyte
Ananas					
comosus (L.) Merr.	cult.	PROV: ca	000m: 0-1	RANGE: sao wdt	herb
Billbergia					
macrolepis L.B. Sm.		PROV: ca pa	000m: 0-1	RANGE: col cr ven	herb
Bromelia					
pinguin L.		PROV: ca pa	000m: 0-1	RANGE: ang cag gui mex	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
32 (17) BROMELIACEAE cont.					
*plumieri (E. Morr.) L.B. Sm.		PROV: pa	000m: 0-1	RANGE: ecu gag mex sao	herb
Catopsis berteroniana (Schult.) Mez		PROV: cc	000m: 0-1	RANGE: bel fla gag gua gui mex sao trt	epiphyte
*brevifolia Mez & Werckle		PROV: wp	000m: 0-1	RANGE: wr	epiph herb
*juncifolia Mez		PROV: ca	000m: 0-1	RANGE: bel cr gua	epiphyte
*micrantha L.B. Sm.		PROV: bo	000m: 0-1	RANGE: end	herb
nitida (Hook.) Griseb.		PROV: ch	000m: 1-2	RANGE: cr gag gua gui hon nic	epiphyte
nutans (Sw.) Griseb.		PROV: ca cn	000m: 0-1	RANGE: cag ecu gag mex ven	epiphyte
sessiliflora (R. & P.) Mez		PROV: bo ca	000m: 0-1	RANGE: ang cag mex nwt per sao	epiphyte
*--var. dioica L.B. Sm.		PROV: ca pa	000m: 0-1	RANGE: wr	epiphyte
wangerinii Mez & Werckle		PROV: ch	000m: 1-2	RANGE: cr gua mex sal	epiphyte
Guzmania angustifolia (Baker) Wittm.		PROV: ch da	000m: 0-1,1-2	RANGE: col cr ecu nic	epiphyte
*attenuata L.B. Sm. & R.W. Read		PROV: da	000m: 1-2	RANGE: col	herb
*berteroniana (Schult. f.) Mez		PROV: cc	000m: 1-2	RANGE: his pr	epiphyte
*calamifolia Mez		PROV: cc vr	000m: 0-1	RANGE: col ecu	epiphyte
*compacta Mez		PROV: wp	000m: we	RANGE: wr	epiphyte
coriostachya (Griseb.) Mez		PROV: cc da pa	000m: 0-1	RANGE: col cr ven	epiphyte
*desautelsii Read & L.B. Sm.		PROV: cc pa sa vr	000m: 0-1,1-2	RANGE: cr nic	epiphyte
dissitiflora (Andre) L.B. Sm.		PROV: cc ch sa vr	000m: 0-1,1-2	RANGE: col cr	epiphyte
donnellsmithii J.D. Sm.		PROV: bo cc pa vr	000m: 0-1,1-2	RANGE: cr nic	epiphyte
*filiorum L.B. Sm.		PROV: pa	000m: 0-1,1-2	RANGE: end	epiphyte
glomerata Mez & Werckle		PROV: cc da	000m: 0-1,1-2	RANGE: col cr nic	epiphyte
*kennedyae L.B. Sm. & R.W. Read		PROV: pa sa	000m: 0-1	RANGE: end	epiphyte
*lingulata (L.) Mez					
*--var. minor (Mez) L.B. Sm. & Pittend.		PROV: bo ca cc da pa	000m: 0-1	RANGE: cr nic sao	epiphyte
		sa			
*macropoda L.B. Sm.		PROV: pa	000m: 0-1	RANGE: end	epiphyte
monostachia Mez		PROV: bo ca cn pa	000m: 0-1,1-2	RANGE: ang cr fla nic per sao	epiphyte
musaica (Linden & Andre) Mez		PROV: bo cc ch da pa	000m: 0-1,1-2	RANGE: col	epiph terr herb
*--var. zebrina Cut.		PROV: cc sa	000m: 1-2	RANGE: end	herb
nicaraguensis Mez & C. Baker		PROV: cc ch	000m: 0-1,1-2	RANGE: bel cr gua mex nic	epiphyte
*obtusiloba L.B. Sm.		PROV: ch	000m: 1-2	RANGE: col cr	herb
*patula Mez & Werckle		PROV: ca pa	000m: 0-1,1-2	RANGE: col cr ecu sao	epiphyte
*plicatifolia L.B. Sm.		PROV: cc vr	000m: 0-1,1-2	RANGE: cr	epiphyte
polycephala Mez & Werckle		PROV: ch da	000m: 1-2	RANGE: cr	epiphyte
*sanguinea Mez		PROV: ch	000m: 0-1	RANGE: col cr ecu trt	herb
*scherzeriana Mez		PROV: cc da pa vr	000m: 0-1,1-2	RANGE: cag col ecu gua	epiphyte
*sibundoyorum L.B. Sm.		PROV: pa	000m: 1-2	RANGE: col	epiphyte



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

43

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
32 (17) BROMELIACEAE cont.					
*sphaeroidea Mez		PROV: ch pa	000m: 0-1,1-2	RANGE: col ecu ven	epiphyte
*splitgerberi Mez		PROV: ch	000m: 1-2	RANGE: cr trt	herb
*sprucei (Andre) L.B. Sm.		PROV: cc pa vr	000m: 0-1,1-2	RANGE: col	epiphyte
*stenostachya L.B. Sm.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
subcorymbosa L.B. Sm.	cult.	PROV: ca da pa	000m: 0-1	RANGE: col cr	herb
*tarapotina Ule		PROV: ca pa	000m: 0-1	RANGE: ecu per	epiphyte
*virescens (Hook.) Mez					
*--var. laxior L.B. Sm.		PROV: da pa	000m: 0-1,1-2	RANGE: end	epiph herb
zahnii (Hook. f.) Mez	cult.	PROV: ch	000m: 1-2,3+	RANGE: cr nic	epiphyte
Pitcairnia					
*aphelandriflora Lem.		PROV: bo	000m: 0-1	RANGE: ecu per	terr herb
atrorubens (Beer) Baker		PROV: cc ch da pa	000m: 0-1,1-2	RANGE: col cr gua hon mex	terr herb
*attenuata L.B. Sm. & R.W. Read		PROV: cc	000m: 0-1	RANGE: per	terr herb
*brittoniana Mez		PROV: da	000m: 1-2	RANGE: cr	epiph herb
carnea Beer	cult.	PROV: vr	000m: we	RANGE: end	herb
*chiriquensis L.B. Sm.		PROV: ch	000m: 0-1	RANGE: end	herb
heterophylla (Lindl.) Beer		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: cag ecu mex per ven	herb
kalbreyeri Baker		PROV: ch	000m: 1-2	RANGE: col cr	herb
*megasepala Baker		PROV: da	000m: 0-1,1-2	RANGE: col cr	herb
*multiflora L.B. Sm.		PROV: cc	000m: 0-1	RANGE: col	epiph terr herb
oblanceolata L.B. Sm.		PROV: cc cn pa	000m: 0-1,1-2	RANGE: col cr	herb
saxicola L.B. Sm.		PROV: ch	000m: 0-1,2-3	RANGE: gua mex	herb
valerii Standl.		PROV: cc pa	000m: 0-1,1-2	RANGE: cr	herb
*Ronnbergia					
*explodens L.B. Sm.		PROV: pa	000m: 0-1	RANGE: per	terr epiph herb
*maidifolia Mez		PROV: cc	000m: 0-1,1-2	RANGE: col	terr epiph herb
*petersii L.B. Sm.		PROV: pa	000m: 0-1	RANGE: end	epiph herb
Tillandsia					
acostae Mez & Tonduz		PROV: ch	000m: 0-1	RANGE: cr gua mex	epiphyte
adpressa					
*--var. orthiantha (Standl.) L.B. Sm.		PROV: ch	000m: 1-2,2-3	RANGE: cr	epiphyte
--var. tonduziana (Mez) L.B. Sm.		PROV: ch	000m: 1-2,2-3	RANGE: bol col cr ecu ven	epiphyte



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
32 (17) BROMELIACEAE cont.					
anceps Lodd.		PROV: ca cc ch cn da pa vr	000m: 0-1	RANGE: bel col cr gua gui hon nic trt ven	epiphyte
balbisiana Schult.		PROV: ca cc da	000m: 0-1	RANGE: bah cag cub fla his jam mex	epiphyte
*biflora R. & P.		PROV: ch	000m: 1-2	RANGE: bol col cr ecu ven	epiphyte
*brachycaulos Schlecht.		PROV: ch	000m: 0-1	RANGE: cag mex	epiphyte
bulbosa Hook.		PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: ang cag col gui mex sao trt ven	epiphyte
butzii Mez		PROV: ch	000m: 1-2	RANGE: cag mex	epiphyte
complanata Benth.		PROV: ch da	000m: 1-2, 2-3	RANGE: ang bol cr gui per	epiphyte
*contorta Mez		PROV: cc da sa vr	000m: 0-1, 1-2	RANGE: cr	epiphyte
crispa (Baker) Mez		PROV: da	000m: 0-1, 1-2	RANGE: col ecu per	herb
*elongata H.B.K.					
*--var. subimbricata (Baker) L.B. Sm.		PROV: cn da pa	000m: 0-1	RANGE: col cub jam mex nic per sao trt	epiphyte
excelsa Griseb.		PROV: bo ch vr	000m: 0-1, 1-2	RANGE: cag cub jam	epiphyte
fasciculata Sw.		PROV: ca da pa	000m: 0-1	RANGE: ang cag col fla gui mex	herb
--var. convexispica Mez		PROV: ca	000m: 0-1	RANGE: bel gua jam	herb
--var. uncispica Mez		PROV: bo	000m: 0-1	RANGE: cub gua his lag?	epiphyte
festucoides Mez		PROV: bo da	000m: 0-1	RANGE: cag fla gag mex	epiphyte
flexuosa Sw.		PROV: ca ch cn da lo pa	000m: 0-1	RANGE: ang col fla gui ven	epiphyte
*guatemalensis L.B. Sm.		PROV: vr	000m: 1-2	RANGE: cag mex	epiphyte
*insignis (Mez) L.B. Sm. & Pittend.		PROV: bo cc ch	000m: 0-1, 1-2	RANGE: cr	epiph terr herb
juncea (R. & P.) Poir.		PROV: bo ch cn da pa	000m: 1-2	RANGE: bol cag col cub fla his jam mex per trt	epiphyte
kegeliana Mez		PROV: ca da	000m: 0-1	RANGE: col gui sao ven	epiphyte
*leiboldiana Schlecht.		PROV: ch vr	000m: 0-1, 1-2, 2-3	RANGE: cag mex	epiphyte
monadelphina (E. Morr.) Baker		PROV: ca cc cn da pa sa vr	000m: 0-1	RANGE: cag col ecu gui trt	herb
*monostachya (E. Morr.) Baker		PROV: pa	000m: 0-1	RANGE: wr	epiphyte
multicaulis Steud.		PROV: ch	000m: 1-2	RANGE: bel cr gua hon mex nic sal	epiphyte
*oerstediana L.B. Sm.		PROV: ch	000m: 1-2	RANGE: cr	epiphyte
*pinnata Mez & Sod.		PROV: pa	000m: 0-1	RANGE: ecu	epiphyte
punctulata Schlecht. & Cham.		PROV: ch vr	000m: 1-2, 2-3	RANGE: cag gui mex	epiphyte
rubra R. & P.					
--var. costaricensis (Mez) Mez		PROV: ch	000m: 1-2	RANGE: cr	epiphyte
singularis Mez & Werckle		PROV: bo cc pa vr	000m: 0-1	RANGE: cr	epiphyte
*spiculosa Griseb.					
*--var. spiculosa		PROV: ca ch cn da pa	000m: 0-1	RANGE: bol col cr his sao	epiphyte
subulifera Mez		PROV: ca	000m: 0-1	RANGE: trt	herb
*tricolor Schlecht. & Cham.					
--var. melanocrater (L.B. Sm.) L.B. Sm.		PROV: ca ch cn da	000m: 0-1, 1-2	RANGE: cag cr gua	epiphyte



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
32 (17) BROMELIACEAE cont.					
usneoides (L.) L.		PROV: bo ca ch da pa	000m: 0-1,1-2,2-3	RANGE: ang cag nao sag sao tex	epiph herb
valenzuelana A. Rich.		PROV: bo ca	000m: 0-1	RANGE: bol cag col fla gag mex ven	herb
<i>Vriesea</i>					
*acuminata Mez & Werckle		PROV: vr	000m: 0-1	RANGE: cr	herb
alta Mez		PROV: ch	000m: 0-1,1-2,2-3	RANGE: jam	herb
*attenuata L.B. Sm. & Pittend.		PROV: cc ch vr	000m: 0-1	RANGE: cr	epiphyte
*bicolor L.B. Smith		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb
*capitata (Mez & Werckle) L.B. Sm. & Pittend.		PROV: pa	000m: 0-1	RANGE: cr	epiphyte
*chontelensis (Baker) L.B. Sm.		PROV: ch da vr	000m: 0-1,1-2	RANGE: wr	epiph herb
*diffusa L.B. Sm. & Pittend.		PROV: ch da pa	000m: 0-1,1-2	RANGE: cr	epiphyte
gladioliflora (Wendl.) Antoine		PROV: ca ch	000m: 0-1,1-2	RANGE: bel col cr gua	epiphyte
*graminifolia Mez & Werckle		PROV: ch	000m: 1-2,2-3	RANGE: cr gua	herb
heliconioides Walp.		PROV: bo ca da pa	000m: 0-1	RANGE: bol cag? gua sag? sao	herb
*hygrometrica (Mez) L.B. Sm. & Pittend.		PROV: ch vr	000m: 0-1,1-2	RANGE: col cr ecu gua mex ven	epiph herb
*incurva (Griseb.) R.W. Read		PROV: ch	000m: 1-2	RANGE: bol col cr cub gag jam ven	epiphyte
*killipiana L.B. Sm.		PROV: pa	000m: 0-1	RANGE: col	epiphyte
*leptopoda L.B. Sm. & Pittend.		PROV: ch	000m: 1-2	RANGE: cr	epiphyte
*leucophylla L.B. Sm.		PROV: ch	000m: 1-2	RANGE: cr	epiphyte
*monstrum (Mez) L.B. Sm.		PROV: pa sa	000m: 0-1	RANGE: col cr	epiphyte
*nephrolepis L.B. Sm. & Pittend.		PROV: ch vr	000m: 0-1,1-2	RANGE: cr	epiphyte
*ororiensis (Mez) L.B. Sm. & Pittend.		PROV: bo cc ch	000m: 0-1,1-2,3+	RANGE: cr	epiphyte
*pedicellata (Mez & Werckle) L.B. Sm. & Pittend.		PROV: ch	000m: 1-2	RANGE: cr hon nic	epiphyte
*picta (Mez & Werckle) L.B. Sm. & Pittend.		PROV: ch	000m: 2-3	RANGE: cr	epiphyte
*pittieri Mez		PROV: pa	000m: 0-1	RANGE: wr	epiph herb
ringens (Griseb.) Harms		PROV: ca cn da	000m: 0-1,1-2	RANGE: ang col cr	epiphyte
sanguinolenta Cogn. & Marchal		PROV: bo ca ch pa	000m: 0-1	RANGE: col cr cub jam	epiphyte
*stenophylla (Mez & Werckle) L.B. Sm. & Pittend.		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: cr	epiphyte
subsecunda Wittm.		PROV: ch da	000m: 1-2	RANGE: cr	herb
*umbrosa L.B. Sm.		PROV: pa	000m: 0-1	RANGE: cr	epiphyte
*williamsii L.B. Sm.		PROV: cn	000m: 1-2,2-3	RANGE: cr	herb
woodsoniana L.B. Sm.		PROV: ch	000m: 1-2	RANGE: end	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

46

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
33 (18) COMMELINACEAE					
Aneilema *umbrosum (Vahl) Kunth *--subsp. ovato-oblongum (P. Beauv.) J.K. Morton		PROV: wp	000m: we	RANGE: wr	herb
*Aploleia *monandra (Sw.) H. Moore		PROV: da	000m: 0-1	RANGE: mex nwt	herb
Callisia *ciliata H.B.K. *repens L.		PROV: ca pa PROV: wp	000m: 0-1 000m: we	RANGE: col RANGE: wr	herb herb
Campelia zanonia (L.) H.B.K.		PROV: bo ca cc ch da pa	000m: 0-1,1-2	RANGE: bol gag mex nwt sao	herb
Cochliostema odoratissimum Lem.		PROV: bo sa	000m: 0-1	RANGE: bol cr? ecu nic	epiph herb
Commelina diffusa Burm. f. *elongata (Meyer) Woods. *erecta L.		PROV: bo ca cc ch da PROV: ca PROV: ca cc ch da he pa sa	000m: 0-1,1-2,2-3 000m: 0-1 000m: 0-1,1-2	RANGE: wdw RANGE: wr RANGE: fla tex wdw	herb herb herb
*obliqua Vahl *standleyi Steyerl.		PROV: wp PROV: wp	000m: we 000m: we	RANGE: wr RANGE: wr	herb herb
Commelinopsis *rufipes (Seub.) D.R. Hunt		PROV: pa	000m: 0-1	RANGE: wr	herb
Dichorisandra hexandra (Aubl.) Standl.		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1,1-2	RANGE: gua nwt sao	herb
Floscopa robusta (Seub.) C.B. Clarke		PROV: bo	000m: 0-1	RANGE: cag nic per sag sao	herb
Gibasis *geniculata (Jacq.) Rohw.		PROV: bo ca cc da	000m: 0-1	RANGE: mex nwt sao	herb
Leptorrhoeo *filiformis (Mart. & Gal.) C.B. Clarke		PROV: ca pa	000m: 0-1	RANGE: mex nwt sao	herb
Murdannia *nudiflora (L.) Brenan		PROV: ca pa	000m: 0-1	RANGE: wr	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

47

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
33 (18) COMMELINACEAE cont.					
Phaeosphaerion leiocarpum (Benth.) C.B. Clarke		PROV: ca	000m: 0-1	RANGE: cag mex ven	herb
Phyodina *cordifolia (Sw.) Rohw.		PROV: ca cc da pa	000m: 0-1	RANGE: bel cag col ecu fla gag hon mex per ven	herb
*gracilis (H.B.K.) Raf.		PROV: wp	000m: we	RANGE: per ven	herb
*Pollia *americana Faden		PROV: pa	000m: 0-1	RANGE: end	herb
Tinantia erecta (Jacq.) Schlecht. leilocalyx C.B. Clarke *standleyi Steyerl.		PROV: ch PROV: bo ca cc pa PROV: wp	000m: 2-3, 3+ 000m: 0-1 000m: we	RANGE: asi mex nwt RANGE: cag mex ven RANGE: cag col mex	herb herb herb
Tradescantia *pallida D. Hunt *poelliae D. Hunt		PROV: cc PROV: ch	000m: 0-1 000m: 1-2, 2-3	RANGE: wr RANGE: cag mex	herb herb
Tripogandra *multiflora (Sw.) Woods. *purpurascens (Schauer) Handl. *--subsp. purpurascens *serrulata (Vahl) Handl.		PROV: wp PROV: ch PROV: bo ca cc ch cn da pa sa	000m: we 000m: 2-3 000m: 0-1, 1-2	RANGE: ang bol cr sat RANGE: cag mex RANGE: ang cag mex per sag sao	herb herb herb
Zebrina *huehueteca Standl. & Steyerl. pendula Schnizl. cult.		PROV: cc pa vr PROV: bo	000m: 0-1 000m: 0-1	RANGE: gua RANGE: cag mex nwt	herb herb
34 (19) PONTEDERIACEAE					
Eichhornia azurea (Sw.) Kunth crassipes (Mart.) Solms *heterosperma E.J. Alex.		PROV: bo ca PROV: bo ca ch PROV: ca	000m: 0-1 000m: 0-1, 1-2 000m: 0-1	RANGE: ang cag mex sag sao RANGE: ang cag? nag sag? sao wdw RANGE: col sao trt ven	herb aquat herb herb
Heteranthera limosa (Sw.) Willd. reniformis R. & P. spicata Presl		PROV: cc he pa PROV: bo ca cc ch pa PROV: cc he	000m: 0-1 000m: 0-1, 1-2 000m: 0-1	RANGE: cag nag sag sao RANGE: cag nag sag sao RANGE: cub his mex	herb herb herb
Pontederia parviflora E.J. Alex.		PROV: cc he pa	000m: 0-1	RANGE: nwt ven	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
34 (19) PONTEDERIACEAE cont.					
rotundifolia L. f.		PROV: ca da	000m: 0-1	RANGE: cag? mex sag? sao	herb
36 (20) JUNCACEAE					
*Juncus					
*liebmannii Macbr.		PROV: bo	000m: 3+	RANGE: mex	herb
*--var. liebmannii		PROV: ch	000m: 1-2	RANGE: cao sao	herb
*microcephalus H.B.K.					
Luzula					
*denticulata Liebm.		PROV: ch	000m: 3+	RANGE: cr gua mex	herb
38 (21, 22) LILIACEAE					
Anthericum					
echeandioides Baker		PROV: ch	000m: 1-2	RANGE: cag? cr mex	herb
*eleutherandrum (Koch) H. Moore		PROV: ch	000m: 1-2	RANGE: wr	herb
macrophyllum Baker		PROV: cc ch da	000m: 0-1,1-2	RANGE: cr	herb
*Cordyline					
*fruticosa Goepp.	cult.	PROV: ca cn	000m: 0-1	RANGE: nwt	shrub
*Dracaena					
*americana J.D. Sm.		PROV: ch	000m: 0-1	RANGE: cr mex	tree
Echeandia					
prolixa Woods.		PROV: pa	000m: 0-1	RANGE: cr hon nic	herb
venusta Woods.		PROV: ch	000m: 2-3	RANGE: end	herb
*Sansevieria					
*guineensis Willd.	intr. cult.	PROV: pa	000m: 0-1	RANGE: owt	herb
Smilacina					
paniculata Mart. & Gal.		PROV: ch	000m: 2-3,3+	RANGE: cag mex	herb
Smilax					
chiriquensis Morton		PROV: bo cc ch vr	000m: 0-1,1-2	RANGE: end	climber
*lanceolata L.		PROV: bo ca cc ch cn	000m: 0-1,1-2,3+	RANGE: ang cag mex nag?	climber
		da he pa sa vr			
mollis Willd.		PROV: ca cc ch cn da	000m: 0-1,1-2	RANGE: cag? mex	climber
		he pa sa			
panamensis Morong		PROV: bo ca cc ch da	000m: 0-1,1-2	RANGE: cr gua hon	climber
spinosa Mill.		PROV: bo ca cc ch da	000m: 0-1,1-2	RANGE: ang cag? mex	climber
		lo pa vr			



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
38 (21, 22) LILIACEAE cont.					
<i>spissa</i> Killip & Morton		PROV: ca cc da pa vr	000m: 0-1,1-2	RANGE: cr	climber
<i>subpubescens</i> A. DC.		PROV: bo ch pa	000m: 0-1,1-2	RANGE: cag mex	climber
39 (23) HAEMODORACEAE					
<i>Xiphidium caeruleum</i> Aubl.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: ang bol cag? mex sag? sao	herb
40 (24) AMARYLLIDACEAE					
<i>Agave panamana</i> Trel.		PROV: ca lo pa	000m: 0-1	RANGE: end	herb
* <i>Amaryllis belladonna</i> L.	cult.	PROV: ca	000m: 0-1	RANGE: nwt owt	herb
<i>Bomarea</i>					
* <i>acuminata</i> Baker		PROV: bo ch	000m: 2-3	RANGE: cr	herb
* <i>acutifolia</i>		PROV: bo ch	000m: 2-3	RANGE: cr gua hon mex sal	climber
<i>alleni</i> Killip		PROV: cc pa vr	000m: 0-1	RANGE: sat	climber herb
* <i>andreana</i> Baker		PROV: bo	000m: 2-3	RANGE: col	herb
* <i>caldasii</i> (H.B.K.) Aschers. & Graebn.		PROV: ch	000m: 2-3	RANGE: col cr ecu	herb
<i>chiriquina</i> Killip		PROV: ch	000m: 1-2,2-3	RANGE: cr	climber
<i>chontalensis</i> Seem.		PROV: bo	000m: 0-1	RANGE: cag? nic	climber
* <i>denticulata</i> (R. & P.) Herb.		PROV: ch	000m: 2-3	RANGE: pr	herb
<i>edulis</i> (Tuss.) Herb.		PROV: cc ch	000m: 0-1,1-2	RANGE: ang cag mex sao	climber
<i>hirsuta</i> (H.B.K.) Herb.					
--var. <i>concolor</i> (Cufod.) Killip		PROV: bo ch	000m: 1-2,2-3,3+	RANGE: cr	climber
--var. <i>hirsuta</i>		PROV: ch	000m: 2-3	RANGE: col cr ecu	climber
* <i>obovata</i> Herb.		PROV: bo	000m: 0-1	RANGE: bol ecu per	herb
<i>Crinum</i>					
<i>dariensis</i> Woods.		PROV: cc da pa	000m: 0-1	RANGE: end	herb
<i>erubescens</i> Ait.	cult.	PROV: bo ca cc da sa	000m: 0-1	RANGE: nwg?	herb
<i>longiflorum</i> Herb.	cult. nat.	PROV: bo	000m: 0-1	RANGE: jam	herb
<i>Curculigo</i>					
<i>scorzoneraefolia</i> (Lam.) Baker		PROV: pa	000m: 0-1	RANGE: ang cag mex sag	herb
<i>Eucharis</i>					
<i>bouchei</i> Woods. & Allen		PROV: cc pa	000m: 0-1	RANGE: end	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
40 (24) AMARYLLIDACEAE cont.					
<i>candida</i> Planch.		cult. PROV: cc	000m: 0-1	RANGE: col	herb
<i>Furcraea</i> <i>cabuya</i> Trel. --var. <i>integra</i> Trel.		PROV: ch he PROV: pa	000m: 0-1 000m: 0-1,1-2	RANGE: cr RANGE: wr	herb herb
<i>Hymenocallis</i> * <i>pedalis</i> Herb.		PROV: bo ca cn pa sa	000m: 0-1	RANGE: bel sao	herb
<i>Hypoxis</i> <i>decumbens</i> L. <i>humilis</i> H.B.K.		PROV: cc ch cn PROV: ch	000m: 0-1,1-2 000m: 1-2	RANGE: ang cag? mex sag? sao RANGE: cag? mex sag? sao	herb herb
<i>Pancratium</i> <i>littorale</i> Jacq.		PROV: bo pa	000m: 0-1	RANGE: ang cag? nag? sag?	herb
<i>Zephyranthes</i> <i>citrina</i> Baker <i>rosea</i> Lindl. <i>tubispatha</i> Herb.		intr. PROV: bo PROV: bo PROV: bo ca sa	000m: 0-1 000m: 0-1 000m: 0-1	RANGE: cub gui? nwg? trt RANGE: ang cub RANGE: cag jam per sao? trt	herb herb herb
41 (25) VELLOZIACEAE					
<i>Vellozia</i> <i>panamensis</i> Standl.		PROV: ch	000m: 0-1	RANGE: end	shrub
42 TACCACEAE					
43 (26) DIOSCOREACEAE					
<i>Dioscorea</i> * <i>alata</i> L.		intr. cult. nat. PROV: ca ch vr PROV: pa	000m: 0-1,1-2 000m: 0-1	RANGE: asi RANGE: mex	climber climber
* <i>carionis</i> Prain & Burkill <i>convolvulacea</i> Schlecht. & Cham. --var. <i>glabra</i> Knuth <i>cymosula</i> Hemsl. * <i>deamii</i> Matuda * <i>haenkeana</i> Presl <i>lepida</i> Morton <i>macrostachya</i> Benth. * <i>mexicana</i> Scheidw.		PROV: cc da PROV: ca cc pa vr PROV: vr PROV: ca PROV: cc ch pa vr PROV: bo ca cc ch cn pa sa PROV: ca cn	000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1,1-2,2-3 000m: 0-1,1-2 000m: 0-1	RANGE: cag mex trt RANGE: end RANGE: bel hon RANGE: per RANGE: cr RANGE: cag mex RANGE: cr hon mex	climber climber climber climber climber climber climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
43 (26) DIOSCOREACEAE cont.					
panamensis Knuth		PROV: ca pa	000m: 0-1	RANGE: end	climber
polygonoides Willd.		PROV: ca da pa	000m: 0-1,1-2	RANGE: ang cag? col mex sao	climber
racemosa (Kl.) Uline		PROV: bo cc ch da pa vr	000m: 0-1,1-2	RANGE: cr	climber
sapindoides Presl		PROV: ca ch cn pa	000m: 0-1	RANGE: cr mex	climber
standleyi Morton	cult.	PROV: bo ch cn pa	000m: 0-1	RANGE: cr	climber
trifida L. f.	intr. cult. nat.	PROV: bo ca pa vr	000m: 0-1	RANGE: ang cag? gua per sag? sao	climber
urophylla Hemsl.		PROV: ca cc ch cn da he pa vr	000m: 0-1,1-2	RANGE: col cr hon per	climber
44 (27) IRIDACEAE					
Cipura					
paludosa Aubl.		PROV: ca cc ch lo pa	000m: 0-1	RANGE: ang? cag? cub mex sag? sao	herb
Crocasia					
*crocosmiaeflora (Nichols.) N.E. Br.		PROV: ch	000m: 2-3	RANGE: ecu per sao	herb
Neomarica					
caerulea (Ker-Gawl.) Sprague	cult.	PROV: bo	000m: 0-1	RANGE: gui sao	herb
gracilis (Herb.) Sprague		PROV: bo ca cc cn da he lo pa vr	000m: 0-1	RANGE: cag mex sat	herb
Orthrosanthus					
*monadelphus Ravenna		PROV: ch	000m: 2-3,3+	RANGE: bol cag? mex per sag?	herb
Sisyrinchium					
chiricanum Woods.		PROV: ch lo	000m: 0-1,2-3	RANGE: end	herb
convolutum Nocca		PROV: ch	000m: 0-1	RANGE: cag? mex per sag?	herb
mandoni Baker		PROV: ch	000m: 1-2	RANGE: bol col	herb
micranthum Cav.		PROV: ch	000m: 1-2	RANGE: bol cag? mex sag?	herb
tinctorium H.B.K.		PROV: ch lo	000m: 0-1,1-2	RANGE: bol cag? mex per sag?	herb
45 (29) MUSACEAE					
Heliconia					
*atropurpurea Daniels & Stiles		PROV: ch vr	000m: 0-1	RANGE: cr	herb
*colgantea Daniels & Stiles		PROV: ch da pa	000m: 0-1	RANGE: cr	herb
curtispatha O.G. Peters.		PROV: ca cc ch cn da pa sa vr	000m: 0-1	RANGE: cr nic	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
45 (29) MUSACEAE cont.					
<i>hirsuta</i> L. f.		PROV: ca da pa sa	000m: 0-1	RANGE: cag sat	herb
* <i>ignescens</i> Daniels & Stiles		PROV: bo	000m: we	RANGE: cr	herb
<i>imbricata</i> (Kuntze) Baker		PROV: bo ca cc ch cn da	000m: 0-1	RANGE: cr	herb
* <i>irrasa</i> R.R. Sm.		PROV: ca cc ch cn da pa vr	000m: 0-1,1-2	RANGE: cr	herb
<i>lankesteri</i> Standl.		PROV: ch	000m: 1-2	RANGE: cr	herb
*--var. <i>rubra</i> Daniels & Stiles		PROV: ch	000m: we	RANGE: cr	herb
<i>latispatha</i> Benth.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: cag col mex ven	herb
* <i>longiflora</i> R.R. Sm.		PROV: cc cn da pa sa	000m: 0-1	RANGE: cr nic	herb
* <i>lophocarpa</i> Daniels & Stiles		PROV: cc vr	000m: 0-1	RANGE: cr	herb
* <i>maculata</i> Kress		PROV: cn	000m: 0-1	RANGE: end	herb
* <i>magnifica</i> Kress		PROV: pa	000m: 0-1	RANGE: end	herb
<i>marginata</i> (Griggs) Pitt.		PROV: da	000m: 0-1	RANGE: cr ven	herb
<i>mariae</i> Hook. f.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: cag col nic	herb
* <i>mathiasiae</i> Daniels & Stiles		PROV: bo	000m: we	RANGE: cr	herb
* <i>metallica</i> Hook.		PROV: ca cc cn da pa pa	000m: 0-1	RANGE: cr nic ven	herb
* <i>monteverdensis</i> Daniels & Stiles		PROV: ch vr	000m: 1-2	RANGE: cr	herb
* <i>necrobracteata</i> Kress		PROV: cc	000m: 0-1	RANGE: end	herb
<i>nutans</i> Woods.		PROV: ch vr	000m: 0-1,1-2,2-3	RANGE: cr	herb
* <i>osaensis</i> Cufod.		PROV: ch	000m: 0-1	RANGE: cr	herb
<i>platystachys</i> Baker		PROV: ca cc ch cn da lo pa sa	000m: 0-1	RANGE: col cr ven	herb
* <i>pogonantha</i> Cufod.					
*--var. <i>holerythra</i> Daniels & Stiles		PROV: bo ca cc cn da pa vr	000m: 0-1	RANGE: cr	herb
*--var. <i>veraguasensis</i> Kress		PROV: vr	000m: 0-1	RANGE: end	herb
* <i>ramonensis</i> Daniels & Stiles					
*--var. <i>glabra</i> Kress		PROV: cc	000m: 0-1	RANGE: end	herb
*--var. <i>lanuginosa</i> Kress		PROV: bo ch	000m: 1-2	RANGE: end	herb
*--var. <i>xanthotricha</i> Kress		PROV: cc	000m: 0-1	RANGE: end	herb
<i>reticulata</i> (Griggs) Winkl.		PROV: bo cc cn vr	000m: 0-1	RANGE: col cr ecu	herb
* <i>sarapiquensis</i> Daniels & Stiles		PROV: bo cc	000m: 0-1	RANGE: cr	herb
* <i>secunda</i> R.R. Sm.		PROV: ch	000m: 1-2	RANGE: cr	herb
* <i>sessilis</i> Kress		PROV: ca cn	000m: 0-1	RANGE: end	herb
* <i>spathocircinata</i> Arist.		PROV: bo cc pa	000m: 0-1	RANGE: cr ven	herb
* <i>stilesii</i> Kress		PROV: ch	000m: 0-1	RANGE: cr	herb
* <i>tacarcuna</i> L. Andersson		PROV: da	000m: we	RANGE: end	herb
* <i>talamancana</i> Daniels & Stiles		PROV: vr	000m: 0-1	RANGE: cr	herb
<i>tortuosa</i> Griggs		PROV: ch	000m: 1-2	RANGE: cag mex	herb
* <i>trichocarpa</i> Daniels & Stiles		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: cr	herb
* <i>vaginalis</i> Benth.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: cag col ecu mex	herb
<i>wagneriana</i> O.G. Peters.		PROV: bo ca cc ch cn da sa	000m: 0-1	RANGE: cag col cr	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
45 (29) MUSACEAE cont.					
*xanthovillosa Kress		PROV: pa	000m: 0-1	RANGE: end	herb
*Musa *sapiantum L.		intr. cult. PROV: ca	000m: 0-1	RANGE: asi	herb
46 (30) ZINGIBERACEAE					
*Alpinia *purpurata Schum.		intr. cult. PROV: ca	000m: 0-1	RANGE: owt	herb
*speciosa Schum.		intr. cult. PROV: ca pa	000m: 0-1	RANGE: owt	herb
Costus					
*allenii Maas		PROV: ca cc cn pa vr	000m: 0-1	RANGE: col ecu ven	herb
*comosus (Jacq.) Rosc.					
*--var. bakeri (Schum.) Maas		PROV: vr	000m: 0-1	RANGE: col gua mex sal	herb
*--var. comosus		PROV: vr	000m: 0-1	RANGE: col cr ven	herb
*curvibracteatus Maas		PROV: cc ch cn da pa vr	000m: 0-1,1-2	RANGE: cr	herb
*glaucus Maas		PROV: ca cc da	000m: 0-1	RANGE: col cr	herb
*guanaiensis Rusby					
*--var. macrostrobilus (Schum.) Maas		PROV: bo ca ch da pa	000m: 0-1	RANGE: bel col ecu gua gui	herb
laevis R. & P.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: bel col cr ecu gua	herb
*lasius Loes. lima Schum.		PROV: cc ch da pa	000m: 0-1,1-2	RANGE: col cr per sao	herb
--var. lima		PROV: bo cc ch da vr	000m: 0-1	RANGE: col cr ecu nic	herb
*--var. scabremarginatus Maas		PROV: da	000m: 0-1	RANGE: col ecu ven	herb
*nitidus Maas		PROV: bo	000m: 0-1	RANGE: cr	herb
*plicatus Maas		PROV: ch pa vr	000m: 0-1	RANGE: cr	herb
*pulverulentus Presl		PROV: bo ca cc ch cn da lo pa vr	000m: 0-1	RANGE: cag col ecu gua mex sat ven	herb
scaber					
*--var. xlasius R. & P.		PROV: bo ca ch cn da sa	000m: 0-1,1-2	RANGE: end	herb
*speciosus (Koenig) J.E. Sm.		PROV: ca	000m: 0-1	RANGE: bel cr	herb
villosissimus Jacq.		PROV: bo ca cc ch cn da he pa sa	000m: 0-1	RANGE: col cr ecu gua gui jam lag per sag? ven	herb
*vinosus Maas		PROV: cn	000m: 0-1	RANGE: end	herb
*wilsonii Maas		PROV: ch	000m: 1-2	RANGE: cr	herb
*woodsonii Maas		PROV: bo ca cn sa vr	000m: 0-1	RANGE: cr nic	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
46 (30) ZINGIBERACEAE cont.					
<i>Dimerocostus strobilaceus</i> Kuntze		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: col cr ecu hon per ven	herb
* <i>Hedychium coronarium</i> Koenig		intr. cult. nat. PROV: bo ca cc ch cn da lo	000m: 0-1	RANGE: owt	herb
* <i>Kaempferia rotunda</i> L.		intr. PROV: cn	000m: 0-1	RANGE: asi sao	herb
* <i>Nicolaia elatior</i> (Jack) Horan.		intr. PROV: ca	000m: 0-1	RANGE: owt	herb
<i>Renealmia alpinia</i> (Rottb.) Maas		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: bel cag lag mex sat	herb
<i>cernua</i> (Sw.) Macbr.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: col cr ecu gua per per sat ven	herb
<i>chiriquina</i> Standl.		PROV: bo ch	000m: 1-2,2-3	RANGE: end	herb
* <i>congesta</i> Maas		PROV: cc vr	000m: 0-1,1-2	RANGE: cr	herb
<i>costaricensis</i> Standl.		PROV: bo cc cn pa sa	000m: 0-1	RANGE: col cr	herb
* <i>dressleri</i> Maas		PROV: pa	000m: 0-1,1-2	RANGE: end	herb
* <i>erythrocarpa</i> Standl.		PROV: vr	000m: 0-1	RANGE: cr nic	herb
* <i>foliifera</i> Standl.		PROV: bo cc cn da pa vr	000m: 0-1,1-2	RANGE: col cr	herb
* <i>helenae</i> Maas		PROV: pa	000m: 0-1	RANGE: end	herb
* <i>ligulata</i> Maas		PROV: ch	000m: 1-2	RANGE: col cr	herb
* <i>lucida</i> Maas		PROV: bo ch	000m: 1-2	RANGE: wr	herb
* <i>mexicana</i> O.G. Peters.		PROV: bo ca cn pa vr	000m: 0-1	RANGE: cag mex	herb
* <i>monosperma</i> Miq.		PROV: da	000m: 0-1	RANGE: col gui sao ven	herb
* <i>multiplicata</i> Maas		PROV: pa	000m: 0-1	RANGE: wr	herb
<i>occidentalis</i> (Sw.) Sweet		PROV: ca cc cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: ang bel cag sat sat	herb
* <i>pluriplicata</i> Maas		PROV: bo ca cc cn pa sa vr	000m: 0-1	RANGE: col cr ecu per	herb
* <i>scaposa</i> Maas		PROV: cc	000m: 0-1	RANGE: cr	herb
* <i>thyrsoidea</i> (R. & P.) P. & E.		PROV: ch da	000m: 0-1,1-2	RANGE: cr cr sat	herb
* <i>Zingiber officinale</i> Rosc.		intr. cult. PROV: ca	000m: 0-1	RANGE: wdt	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
47 (31) CANNACEAE					
Canna					
<i>flaccida</i> Salisb.		cult. PROV: bo ca lo	000m: 0-1	RANGE: ang fla nao nao	herb
<i>glauca</i> L.		PROV: bo	000m: 0-1	RANGE: ang gui sag? sao	herb
<i>indica</i> L.		intr. cult. PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: ang cag? mex sag? sao	herb
		da pa			
* <i>tuerckheimii</i> Kranzl.		PROV: ch	000m: 1-2	RANGE: cag mex	herb
48 (32) MARANTACEAE					
Calathea					
<i>allenii</i> Woods.		PROV: cc cn pa sa vr	000m: 0-1	RANGE: end	herb
* <i>brenesii</i> Standl.		PROV: ch vr	000m: 0-1	RANGE: cr	herb
* <i>caesariata</i> H. Kennedy		PROV: pa	000m: 0-1	RANGE: cr	herb
* <i>cleistantha</i> Standl.		PROV: cc	000m: 0-1	RANGE: cr	herb
* <i>coriacea</i> H. Kennedy		PROV: pa	000m: 0-1	RANGE: end	herb
* <i>crotalifera</i> Wats.		PROV: ch	000m: 0-1	RANGE: cr	herb
* <i>cuneata</i> H. Kennedy		PROV: vr	000m: 0-1	RANGE: cr	herb
* <i>donnell-smithii</i> Schum.		PROV: cc pa	000m: 0-1	RANGE: cr	herb
* <i>dressleri</i> H. Kennedy		PROV: da pa	000m: 0-1	RANGE: end	herb
* <i>elegans</i> H. Kennedy		PROV: pa sa	000m: 0-1	RANGE: col cr	herb
<i>foliosa</i> Woods.		PROV: bo	000m: 0-1	RANGE: cr?	herb
* <i>guzmanioides</i> L.B. Sm. & Idrobo		PROV: vr	000m: 0-1	RANGE: cr	herb
* <i>gymnocarpa</i> H. Kennedy		PROV: bo cn	000m: 0-1	RANGE: cr	herb
<i>indecora</i> Woods.		PROV: bo ch vr	000m: 0-1	RANGE: cr	herb
* <i>inocephala</i> (Kuntze) H. Kennedy & D. Nichols.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: cag? cr gua gui per	herb
		da pa		sag?	
<i>insignis</i> O.G. Peters.		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: cag col mex per	herb
		da pa sa vr			
* <i>killipii</i> L.B. Sm. & Idrobo		PROV: pa	000m: 0-1	RANGE: col	herb
<i>lasiostachya</i> J.D. Sm.		PROV: bo ca cc cn da	000m: 0-1	RANGE: cr	herb
		pa			
* <i>latifolia</i> (Link) Kl.		PROV: ca ch cn da he	000m: 0-1	RANGE: col trt ven	herb
		pa sa			
* <i>leucostachys</i> Hook. f.		PROV: cn	000m: 0-1	RANGE: cr nic	herb
<i>lutea</i> (Aubl.) G. Meyer		PROV: bo ca cc ch cn	000m: 0-1	RANGE: ang bel cag? per sag?	herb
		da lo pa		sao	
* <i>macrocephala</i> Schum.		PROV: ch lo vr	000m: 0-1	RANGE: cag	herb
* <i>marantifolia</i> Standl.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: bel per sat	herb
		da pa sa vr			
<i>micans</i> (Mathieu) Koern.		PROV: bo ca cc cn da	000m: 0-1	RANGE: cag? cr gua per sag?	herb
		pa sa vr		sao	
* <i>nitidifolia</i> H. Kennedy		PROV: vr	000m: 0-1	RANGE: cr	herb
<i>panamensis</i> Standl.		PROV: ca da lo pa	000m: 0-1	RANGE: cr	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
48 (32) MARANTACEAE cont.					
*portobelensis H. Kennedy		PROV: ca cn pa	000m: 0-1	RANGE: end	herb
*robin-fosteri H. Kennedy		PROV: cn	000m: 0-1	RANGE: end	herb
*silvicola H. Kennedy		PROV: ch cn pa vr	000m: 0-1	RANGE: wr	herb
*similis H. Kennedy		PROV: bo	000m: 0-1	RANGE: wr	herb
*spiralis H. Kennedy		PROV: cc ch da vr	000m: 0-1, 1-2	RANGE: end	herb
*venusta H. Kennedy		PROV: cn	000m: 0-1	RANGE: cr	herb
*verecunda H. Kennedy		PROV: pa	000m: 0-1	RANGE: end	herb
villosa (Lodd.) Lindl.		PROV: ca pa	000m: 0-1	RANGE: cr sag? sao	herb
warscewiczii (Mathieu) Koern.		PROV: bo	000m: 0-1	RANGE: cr hon	herb
<i>Ctenanthe</i>					
dasycarpa (J.D. Sm.) Schum.		PROV: bo cc pa vr	000m: 0-1	RANGE: cr	herb
* <i>Hylaeanth</i>					
*panamensis (Standl.) H. Kennedy		PROV: ca da pa	000m: 0-1	RANGE: col cr	herb
<i>Ischnosiphon</i>					
*arouma (Aubl.) Koern.		PROV: ca cc cn	000m: 0-1	RANGE: col ecu gui lag sat trt ven	herb
*elegans Standl.		PROV: bo	000m: 0-1	RANGE: cr nic	herb
*helenae Andersson		PROV: cc cn pa	000m: 0-1	RANGE: sat	herb
*inflatus Andersson		PROV: bo cn pa	000m: 0-1	RANGE: col cr	herb
leucophaeus (P. & E.) Koern.					
*--subsp. ramosus Andersson		PROV: bo ca da pa sa	000m: 0-1	RANGE: col cr nic ven	herb
<i>Maranta</i>					
arundinacea L.		PROV: ca cc ch pa sa vr	000m: 0-1	RANGE: cag nag? sag	herb
<i>Pleiostachya</i>					
morlae (Eggers) Schumann		PROV: bo da	000m: 0-1	RANGE: sag?	herb
pittieri Standl.		PROV: sa	000m: 0-1	RANGE: col?	herb
pruinosa (Regel) Schum.		PROV: bo ca ch da pa vr	000m: 0-1	RANGE: bel	herb
<i>Stromanthe</i>					
*jacquinii (R. & S.) H. Kennedy & D. Nichols.		PROV: ca cn da pa sa	000m: 0-1	RANGE: col cr ven	herb
*tonckat (Aubl.) Eichl.		PROV: da	000m: 1-2	RANGE: ven	herb
<i>Thalia</i>					
geniculata L.		PROV: ca ch da he pa	000m: 0-1	RANGE: ang cag fla mex sag? sao	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
49 (28) BURMANNIACEAE					
<i>Apteria</i>					
<i>aphylla</i> Small		PROV: bo sa	000m: 0-1	RANGE: bol cag cub his mex nag? pr sag? sao	herb
<i>Burmannia</i>					
<i>capitata</i> (J.F. Gmel.) Mart.		PROV: ca cc pa	000m: 0-1	RANGE: ang cag? nag? nao sag? sao	herb
* <i>flava</i> Mart.		PROV: pa	000m: 0-1	RANGE: cag sat	herb
* <i>kalbreyeri</i> Oliv.		PROV: ch	000m: 1-2	RANGE: wr	epiph herb
<i>Cymbocarpa</i>					
* <i>refracta</i> Miers		PROV: wp	000m: we	RANGE: cub	herb
<i>Dictyostega</i>					
* <i>orobanchioides</i> (Hook.) Miers					
*--subsp. <i>orobanchioides</i>		PROV: cc ch da	000m: 0-1,1-2	RANGE: nwt	herb
*--subsp. <i>parviflora</i> (Benth.) Jonker		PROV: da	000m: 1-2	RANGE: ang sat	herb
*--subsp. <i>purdieana</i> (Benth.) Snelders & Maas		PROV: da	000m: 1-2	RANGE: col ecu per	herb
<i>Gymnosiphon</i>					
* <i>brachycephalus</i> Snelders & Maas		PROV: cc	000m: 0-1	RANGE: wr	herb
* <i>breviflorus</i> Gleason		PROV: wp	000m: 0-1	RANGE: col sao	herb
* <i>divaricatus</i> (Benth.) Benth. & Hook.		PROV: ca	000m: 0-1	RANGE: cag sat	herb
<i>panamensis</i> Jonker		PROV: bo ch cn da he pa sa vr	000m: 0-1	RANGE: cag mex	herb
<i>suaveolens</i> (Karst.) Urb.		PROV: bo ch pa	000m: 0-1,1-2	RANGE: cag? mex sag? sao	herb
* <i>tenellus</i> (Benth.) Urb.		PROV: da	000m: 0-1	RANGE: cag jam sao sat	herb
* <i>Sanblasia</i>					
* <i>dressleri</i> Andersson		PROV: cn sa	000m: 0-1	RANGE: end	herb
<i>Thismia</i>					
* <i>leutzelburgii</i> Gobel & Suess.		PROV: cn	000m: 0-1	RANGE: wr	herb
<i>panamensis</i> (Standl.) Jonker		PROV: ca cn	000m: 0-1	RANGE: ecu	herb
50 (33) ORCHIDACEAE					
<i>Acineta</i>					
<i>chrysantha</i> (C. Morr.) Lindl. & Paxt.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

58

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>sella-turcica</i> Rchb. f.		PROV: ch	000m: we	RANGE: wr	herb
<i>superba</i> (H.B.K.) Rchb. f.		PROV: ch	000m: 0-1	RANGE: col ecu herb ven	epiph
<i>Acostaea</i>					
* <i>bicornis</i> Luer		PROV: pa	000m: 0-1,1-2	RANGE: end	epiphyte
<i>costaricensis</i> Schltr.		PROV: cc	000m: 0-1,1-2	RANGE: cr	epiph herb
* <i>pleurothalloides</i> Schltr.		PROV: pa	000m: 0-1	RANGE: cr	herb
* <i>unicornis</i> Luer		PROV: cc vr	000m: 0-1,1-2	RANGE: end	epiphyte
<i>*Ada</i>					
* <i>allenii</i> (Schweinf.) N.H. Wms.		PROV: cc pa	000m: 0-1	RANGE: wr	epiph herb
* <i>chlorops</i> (Endres & Rchb. f.) N.H. Wms.		PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
<i>*Arundina</i>					
* <i>graminifolia</i> (Don) Hoch. intr. cult.		PROV: ca pa	000m: 0-1	RANGE: hon	terr herb
<i>Aspasia</i>					
<i>epidendroides</i> Lindl.		PROV: cc ch pa vr	000m: 0-1	RANGE: cr gua hon nic	epiph herb
<i>principissa</i> Rchb. f.		PROV: ca cn da pa	000m: 0-1	RANGE: cag cr nic	epiph herb
<i>*Aspidogyne</i>					
* <i>stictophylla</i> (Schltr.) Garay		PROV: vr	000m: 0-1	RANGE: wr	herb
<i>*Barbosella</i>					
* <i>circinata</i> Luer		PROV: ch	000m: we	RANGE: wr	herb
* <i>orbicularis</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
<i>Barkeria</i>					
* <i>chinensis</i> (Lindl.) Thien		PROV: ch	000m: we	RANGE: cag	herb
<i>*Baskervilla</i>					
* <i>colombiana</i> Garay		PROV: ch pa vr	000m: 0-1	RANGE: col	herb
<i>Beloglottis</i>					
<i>costaricensis</i> (Rchb. f.) Schltr.		PROV: ca lo	000m: 0-1	RANGE: cr gua hon mex nic	herb
<i>Bletia</i>					
<i>campanulata</i> Llave & Lex.		PROV: ch	000m: 1-2	RANGE: cag cr gua hon mex nic sal	herb
<i>purpurea</i> (Lam.) DC.		PROV: cc pa	000m: 0-1	RANGE: ang bel col cr gua hon mex nic ven	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<b>*Brachionidium</b>					
*folsomii Dressler		PROV: cc	000m: 0-1	RANGE: wr	wh
*kuhniarum Dressler		PROV: cc	000m: 0-1	RANGE: wr	wh
*pusillum A. & S.		PROV: ch vr	000m: 0-1	RANGE: cr	herb
*valerioi A. & S.		PROV: ch vr	000m: 0-1	RANGE: cr	herb
<b>Brachystele</b>					
guyanensis (Lindl.) Schltr.		PROV: ca	000m: 0-1	RANGE: bol col cr gua gui hon mex trt	herb
<b>Brassavola</b>					
acaulis Lindl.		PROV: ch	000m: 1-2	RANGE: cr gua?	epiph herb
*glauca Lindl.		PROV: wp	000m: ve	RANGE: gua hon mex	terr epiph
nodosa (L.) Lindl.		PROV: bo ca cc pa vr	000m: 0-1	RANGE: ang cag mex sag	epiph herb
<b>Brassia</b>					
*arcuigera Rchb. f.		PROV: cc pa	000m: 0-1	RANGE: cr gua hon per	epiph herb
caudata (L.) Lindl.		PROV: ca ch da lo pa vr	000m: 0-1,1-2	RANGE: bol cag fla gag mex sag? sao	epiph herb
gireoudiana Rchb. f. & Warsc.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
*lanceana Lindl.		PROV: wp	000m: ve	RANGE: gui	herb
<b>Bulbophyllum</b>					
aristatum (Rchb. f.) Hemsl.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr gua hon mex sai	epiph herb
pachyrrhachis (Rchb. f.) Griseb.		PROV: ca pa vr	000m: 0-1	RANGE: ang cr gua hon mex nic sai trt	epiph herb
*wagneri Schltr.		PROV: wp	000m: ve	RANGE: end	herb
<b>Calanthe</b>					
*calanthoides (Rich. & Gal.) Hamer & Garay		PROV: bo ch	000m: 1-2,2-3	RANGE: ang cr gua mex nic sai	herb
<b>Campylocentrum</b>					
brenesii Schltr.		PROV: ch pa vr	000m: 0-1,1-2	RANGE: cr gua	epiph herb
*dressleri Dietrich & Diaz		PROV: da	000m: 0-1	RANGE: wr	epiph
fasciola (Lindl.) Cogn.		PROV: da pa	000m: 0-1	RANGE: ang cag mex sao	wh
*longicalcaratum Ames & Schweinf.		PROV: wp	000m: ve	RANGE: cr	wh
micranthum (Lindl.) Rolfe		PROV: bo ca da pa	000m: 0-1	RANGE: cag? cub gui his jam mex per sag? sao trt	epiph herb
*pachyrrhizum (Rchb. f.) Rolfe		PROV: ca pa	000m: 0-1	RANGE: ang nao trt ven	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

60

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
* <i>poepigii</i> (Rchb. f.) Rolfe		PROV: ca	000m: 0-1	RANGE: wr	herb
* <i>schneeanum</i> Foldats		PROV: wp	000m: we	RANGE: ven	wh
* <i>tuerckheimii</i> Schltr.		PROV: wp	000m: we	RANGE: gua	wh
* <i>tyrridion</i> Garay & Dunsterv.		PROV: ca	000m: 0-1	RANGE: ven	herb
<i>Catasetum</i>					
<i>bicolor</i> Kl.		PROV: ca ch cn	000m: 0-1,1-2	RANGE: col? sao ven	epiph herb
<i>maculatum</i> H.B.K.		PROV: bo ch vr	000m: 0-1	RANGE: col? cr gua hon nic	epiph herb
<i>viridiflavum</i> Hook.		PROV: ca cc cn pa vr	000m: 0-1	RANGE: wr	epiph herb
<i>Cattleya</i>					
* <i>dowiana</i> Batem.		PROV: da	000m: we	RANGE: col cr	epiph herb
* <i>patinii</i> Cogn.		PROV: ca pa	000m: 0-1	RANGE: col cr trt ven	herb
* <i>Caularthron</i>					
* <i>bilamellatum</i> (Rchb. f.) R.E. Schult.		PROV: bo ca ch cn da pa	000m: 0-1	RANGE: bel cag cr gua hon mex nic sal trt ven	epiph herb
* <i>Chaubardiella</i>					
* <i>chasmatochila</i> (Fowlie) Garay		PROV: pa	000m: 0-1	RANGE: wr	herb
<i>Chondrorhyncha</i>					
* <i>albicans</i> Rolfe		PROV: bo	000m: we	RANGE: cr	wh
* <i>bicolor</i> Rolfe		PROV: cc ch vr	000m: 0-1	RANGE: cr	herb
* <i>crassa</i> Dressler		PROV: cc ch	000m: 0-1	RANGE: wr	epiph
* <i>eburnea</i> Dressler		PROV: cc	000m: 0-1	RANGE: wr	epiph
* <i>reichenbachiana</i> Schltr.		PROV: cc da	000m: 0-1	RANGE: cr	herb
<i>Chysis</i>					
<i>aurea</i> Lindl.					
--var. <i>maculata</i> Hook.		PROV: ca	000m: 0-1	RANGE: cag col cr ven	epiph herb
* <i>Cischweinfia</i>					
* <i>dasyandra</i> (Rchb. f.) Dressler & N.H. Wms.		PROV: ch pa	000m: 0-1	RANGE: wr	herb
* <i>pusilla</i> (C. Schweinf.) Dressler & N.H. Wms.		PROV: cc ch da	000m: 0-1	RANGE: cr	epiph herb
<i>Cleistes</i>					
<i>rosea</i> Lindl.		PROV: ca cc pa vr	000m: 0-1,1-2	RANGE: ang col cr? gui ven	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
Clowesia					
*rosea Lindl.		PROV: wp	000m: we	RANGE: mex	herb
*russelliana (Hook.) Dodson		PROV: wp	000m: we	RANGE: gua hon nic sal	herb
*warczewitzii (Lindl. & Paxt.) Dodson		PROV: ca cc cn pa	000m: 0-1	RANGE: col cr ven	epiph herb
*Cochleanthes					
*anatona Dressler		PROV: cc cn da	000m: 0-1	RANGE: end	epiph
*aromatica (Rchb. f.) Schult. & Garay		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
*discolor (Lindl.) R.E. Schult. & Garay		PROV: ch	000m: 1-2,2-3	RANGE: cr cub	herb
*lipscombiae (Rolfe) Garay		PROV: ca cc pa	000m: 0-1	RANGE: col	epiph herb
*picta (Rchb. f.) Garay		PROV: ch	000m: 1-2,2-3	RANGE: cr	epiph herb
*Coelia					
macrostachya Lindl.		PROV: ch	000m: 1-2	RANGE: gua hon mex nic	epiph herb
Coeliopsis					
hyacinthosma Rchb. f.		PROV: cc ch pa	000m: 0-1	RANGE: cr	epiph herb
*Comparettia					
*falcata P. & E.		PROV: ch	000m: we	RANGE: gua hon nic	herb
Coryanthes					
maculata Hook.		PROV: ca pa	000m: 0-1	RANGE: cr gui per sao trt ven	epiph herb
*speciosa (Hook.) Hook.		PROV: ca	000m: 0-1	RANGE: bel gua hon	herb
Corymborchis					
flava (Sw.) Kuntze		PROV: ch	000m: 1-2	RANGE: ang bel cr sag sal	herb
Cranichis					
*diphylla Sw.		PROV: pa	000m: 0-1	RANGE: gua sal	herb
muscosa Sw.		PROV: cc ch pa	000m: 0-1,2-3	RANGE: ang cr fla mex	herb
*Cryptarrhena					
*guatemalensis Schltr.		PROV: pa	000m: 0-1	RANGE: gua nic	herb
*lunata R. Br.		PROV: wp	000m: we	RANGE: bel hon nic	herb
Cryptocentrum					
*calcaratum (Schltr.) Schltr.		PROV: wp	000m: we	RANGE: wr	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>gracilipes</i> Schltr.		PROV: cc	000m: 0-1	RANGE: cr	epiph herb
* <i>gracillimum</i> A. & S.		PROV: wp	000m: we	RANGE: cr	herb
<i>inaequisepalum</i> C. Schweinf.		PROV: ch	000m: 1-2	RANGE: col? ecu? per	epiph herb
<i>latifolium</i> Schltr.		PROV: cc	000m: 0-1,1-2	RANGE: cr	epiph herb
* <i>minus</i> Schlecht.		PROV: vr	000m: 0-1	RANGE: per	epiph herb
<i>standleyi</i> Ames		PROV: cc	000m: 0-1	RANGE: cr	epiph herb
<i>Cryptophoranthus</i> <i>lepidotus</i> L.O. Wms.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
<i>Cyclopogon</i> <i>prasophyllum</i> (Rchb. f.) Schltr.		PROV: ca cc	000m: 0-1	RANGE: cr gua hon	epiph herb
<i>Cycnoches</i> <i>aureum</i> Lindl. & Paxt.		PROV: cc	000m: 0-1	RANGE: cr hon	epiph herb
<i>chlorochilon</i> Kl.		PROV: ch pa	000m: 0-1	RANGE: col gui ven	epiph herb
<i>dianae</i> Rchb. f.		PROV: ch	000m: 0-1,1-2	RANGE: cr?	epiph herb
<i>egertonianum</i> Batem.		PROV: ca cc ch pa	000m: 0-1	RANGE: cag col cr gua hon mex nic per sal sao	epiph herb
<i>stenodactylon</i> Schltr.		PROV: wp	000m: we	RANGE: end	herb
<i>ventricosum</i> Batem.		PROV: cc ch da vr	000m: 0-1	RANGE: cag cr gua hon mex nic sal	epiph herb
* <i>Cymbiglossum</i> * <i>stellatum</i> (Lindl.) Halbinger		PROV: wp	000m: we	RANGE: gua mex ven	epiph
<i>Cyrtopodium</i> <i>punctatum</i> (L.) Lindl.		PROV: pa	000m: 0-1	RANGE: ang cag col cr fla gua gui mex per sao ven	herb
<i>Dichaea</i> * <i>brachypoda</i> Rchb. f.		PROV: pa	000m: 0-1	RANGE: cr nic	epiph herb
* <i>costaricensis</i> Schltr.		PROV: ch	000m: we	RANGE: cr	herb
* <i>dammeriana</i> Kranzl.		PROV: ch	000m: we	RANGE: nic	herb
* <i>hystericina</i> Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr gua hon	epiph herb
* <i>lobata</i> (Ames & Corr.) L.O. Wms.		PROV: ch	000m: we	RANGE: cr	herb
<i>morrisii</i> Fawc. & Rendl.		PROV: cc ch	000m: 1-2	RANGE: cr his hon jam nic	epiph herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>muricata</i> (Sw.) Lindl.		PROV: cc ch cn	000m: 0-1,1-2	RANGE: cag? cub gag? lag mex sag? sao	epiph herb
* <i>oxypetala</i> Schltr.		PROV: ch	000m: 2-3	RANGE: cr	epiphyte
<i>panamensis</i> Lindl.		PROV: bo ca cc cn pa vr	000m: 0-1	RANGE: bel cag cr gua hon mex nic	epiph herb
* <i>trulla</i> Rchb. f.		PROV: bo ca cn da pa	000m: 0-1	RANGE: col cr hon nic	epiph herb
* <i>tuerckheimii</i> Schltr.		PROV: pa	000m: 0-1	RANGE: bel cr gua hon nic	herb
<i>Dimerandra</i>					
* <i>emarginata</i> (G. Meyer) Hoehne		PROV: bo ca da he pa	000m: 0-1	RANGE: ang bel cag cr gua hon mex sag	epiph herb
* <i>isthmi</i> Schltr.		PROV: bo ca da pa	000m: 0-1	RANGE: wr	epiph herb
* <i>Dracula</i>					
* <i>erythrochaete</i> (Rchb. f.) Luer		PROV: ch	000m: we	RANGE: wr	herb
* <i>pusilla</i> (Rolfe) Luer		PROV: ch	000m: we	RANGE: gua nic	herb
* <i>Dresslerella</i>					
* <i>elvallensis</i> Luer		PROV: cc	000m: 0-1	RANGE: wr	herb
* <i>hispida</i> (L.O. Wms.) Luer		PROV: cc pa	000m: 0-1	RANGE: nic	epiph herb
* <i>pertusa</i> (Dressler) Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>powellii</i> (Ames) Luer		PROV: wp	000m: we	RANGE: wr	herb
* <i>Dressleria</i>					
* <i>dilecta</i> (Rchb. f.) Dodson		PROV: vr	000m: 0-1	RANGE: cr nic	epiph herb
* <i>suavis</i> (A. & S.) Dodson		PROV: pa	000m: 0-1	RANGE: col nic	epiph herb
* <i>Dryadella</i>					
* <i>gnoma</i> (Luer) Luer		PROV: bo	000m: we	RANGE: wr	wh
* <i>linearifolia</i> (Ames) Luer		PROV: pa	000m: 0-1	RANGE: gua	herb
* <i>pusiola</i> (Rchb. f.) Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>simula</i> (Rchb. f.) Luer		PROV: ca	000m: 0-1	RANGE: col cr ecu gua hon nic	epiph herb
<i>Elleanthus</i>					
<i>aurantiacus</i> (Lindl.) Rchb. f.		PROV: cc ch pa	000m: 0-1,1-2,2-3	RANGE: cr hon nic per sag?	herb
<i>capitatus</i> (P. & E.) Rchb. f.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: ang cag mex per sag?	herb
* <i>caricoides</i> Nash		PROV: ch	000m: 2-3	RANGE: hon nic	epiphyte
* <i>curtii</i> Schltr.		PROV: wp	000m: we	RANGE: nic	herb
* <i>glaucophyllus</i> Schltr.		PROV: bo	000m: 2-3	RANGE: nic	epiphyte
* <i>graminifolius</i> (Barb. Rodr.) Lojt		PROV: cc cn pa vr	000m: 0-1,1-2	RANGE: nic	epiphyte
<i>hymenophorus</i> Rchb. f.		PROV: cc ch da pa vr	000m: 0-1,1-2	RANGE: col cr nic per	epiph herb
* <i>jimenezii</i> (Schltr.) C. Schweinf.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	epiphyte
* <i>lancifolium</i> Presl		PROV: da	000m: 0-1	RANGE: cr?	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

64

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>linifolius</i> Presl		PROV: ca cc cn da pa	000m: 0-1	RANGE: ang bel cag cr gua per sag?	epiph herb
* <i>longibracteatus</i> (Griseb.) Fawc.		PROV: ca cn da pa	000m: 0-1	RANGE: col cr	epiph herb
<i>musciicola</i> Schltr.		PROV: cc	000m: 0-1	RANGE: cr	epiph herb
* <i>poiformis</i> Schltr.		PROV: ch vr	000m: 0-1,1-2	RANGE: gua nic	epiphyte
* <i>stolonifer</i> Barringer		PROV: ch pa	000m: 0-1,1-2	RANGE: cr	epiphyte herb
* <i>tillandsioides</i> Barringer		PROV: ch	000m: 0-1,1-2	RANGE: cr	epiphyte
<i>Encyclia</i>					
* <i>abbreviata</i> (Schltr.) Dressler		PROV: cc ch vr	000m: 0-1,1-2	RANGE: cr gua hon nic	epiph herb
* <i>amanda</i> (Ames) Dressler		PROV: wp	000m: we	RANGE: wr	epiph herb
* <i>brassavolae</i> (Rchb. f.) Dressler		PROV: ch	000m: 1-2	RANGE: cr gua hon mex sal	epiph herb
<i>campylostalix</i> (Rchb. f.) Schltr.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
* <i>ceratistes</i> (Lindl.) Schltr.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr gua hon nic sal	epiph herb
* <i>chacaoensis</i> (Rchb. f.) Dressler & Pollard		PROV: ca ch lo vr	000m: 0-1,1-2	RANGE: cag mex ven	epiph herb
* <i>chimborazoensis</i> (Schltr.) Dressler		PROV: ca cc cn pa sa vr	000m: 0-1	RANGE: col ecu	epiph herb
* <i>cochleata</i> (L.) Lemee		PROV: da	000m: we	RANGE: ang cag col mex ven	epiph herb
* <i>cordigera</i> (H.B.K.) Dressler		PROV: cc ch pa	000m: 0-1	RANGE: ang cr gua hon mex nic sag sal	epiph herb
* <i>fortunae</i> Dressler		PROV: ch	000m: we	RANGE: wr	wh
<i>gravida</i> (Lindl.) Schltr.		PROV: ch pa	000m: 0-1	RANGE: cr hon mex nic	epiph herb
* <i>ionocentra</i> (Rchb.) Dressler		PROV: ca da pa	000m: 0-1	RANGE: wr	epiph herb
* <i>livida</i> (Lindl.) Dressler		PROV: ch	000m: 1-2	RANGE: cag col cr gua hon mex sal ven	epiph herb
* <i>mooreana</i> (Rolfe) Schltr.		PROV: ch	000m: 1-2,2-3	RANGE: cr	epiph herb
* <i>prismatocarpa</i> (Rchb. f.) Dressler cult.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr	epiph herb
* <i>pseudopygmaea</i> (Finet) Dressler & Pollard		PROV: ch	000m: 1-2	RANGE: gua sal	herb
* <i>pygmaea</i> (Hook.) Dressler		PROV: cc ch pa	000m: 0-1	RANGE: ang bol cag fla mex sag? sao	epiph herb
* <i>sima</i> Dressler		PROV: cc da pa sa	000m: 0-1,1-2	RANGE: wr	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*spondiada (Rchb. f.) Dressler		PROV: ch	000m: 1-2	RANGE: cr jam?	epiph herb
*triptera (Brongn.) Dressler & Pollard		PROV: ca cc ch da	000m: 0-1	RANGE: ang fla mex sao trt	epiphyte
*varicosa (Batem.) Schltr.		PROV: ch	000m: we	RANGE: cr gua hon mex sal	epiph herb
*vespa (Vell.) Dressler		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: ang cr hon nic sag sao	epiph herb
Epidanthus					
*crassus Dressler		PROV: cc	000m: 0-1	RANGE: wr	epiphyte
*musciicola (Schltr.) L.O. Wms.		PROV: ch	000m: 1-2,2-3	RANGE: cr	epiph herb
paranthicus (Rchb. f.) L.O. Wms.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr gua hon mex nic	epiph herb
Epidendrum					
*acunae Dressler		PROV: bo ca	000m: 0-1	RANGE: ang cag cr fla gua mex sag? sao	epiph herb
allenii L.O. Wms.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: end	epiph herb
*amparoanum Schltr. anceps Jacq.		PROV: vr PROV: bo ca ch pa	000m: 0-1 000m: 0-1,1-2	RANGE: cr RANGE: ang cag fla mex per sag? sao	epiphyte epiph herb
*anoglossum Schltr.		PROV: ch	000m: we	RANGE: cr	herb
*barbeyanum Kranzl.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
*baumannianum Schltr. bisulcatum Ames		PROV: bo cc cn pa PROV: ch	000m: 0-1 000m: 1-2	RANGE: col RANGE: end	herb epiph herb
carolii Schltr.		PROV: ch	000m: 1-2	RANGE: cr hon mex sal	epiph herb
ciliare L.		PROV: ch vr	000m: 0-1,1-2	RANGE: ang cag mex sag	epiph herb
cocleense Ames, Hubb. & Schweinf.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
*concavilabium C. Schweinf. confertum A. & S.		PROV: pa PROV: ch	000m: 0-1 000m: 1-2	RANGE: cr RANGE: cr	herb epiph herb
congestum Rolfe coriifolium Lindl.		PROV: cc PROV: cc ch	000m: 0-1 000m: 0-1,1-2	RANGE: cr hon RANGE: cr ecu gua mex per ven	herb epiph herb
*coronatum R. & P.		PROV: ca vr	000m: 0-1	RANGE: col cr ecu gua mex per sao trt ven	epiph herb
criniferum Rchb. f.		PROV: cc	000m: 0-1	RANGE: cr nic per	epiph herb
*cristatum R. & P. cryptanthum L.O. Wms.		PROV: cc PROV: cc	000m: 0-1 000m: 0-1	RANGE: gua hon nic RANGE: end	herb epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

66

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
dentiferum A. & S.		PROV: da	000m: 2-3	RANGE: cr	epiph herb
dentilobum Ames, Hubb. & Schweinf.		PROV: ca	000m: 0-1	RANGE: wr	epiph herb
difforme Jacq.		PROV: ca cc ch da pa vr	000m: 0-1,1-2,2-3	RANGE: ang cag fla mex nwt per sag? sao	epiph herb
--var. firmum (Rchb. f.) Ames, Hubb. & Schweinf.		PROV: ch	000m: 1-2	RANGE: cr gua	epiph herb
--var. simulacrum (Ames) Ames, Hubb. & Schweinf.		PROV: ch	000m: 1-2	RANGE: wr	epiph herb
eburneum Rchb. f.		PROV: bo ca cn	000m: 0-1	RANGE: hon nic	epiph herb
ellipsophyllum L.O. Wms.		PROV: cc	000m: 0-1,1-2	RANGE: end	epiph herb
*exile Ames		PROV: ch	000m: we	RANGE: cr	herb
*flexuosissimum C. Schweinf.		PROV: cc pa	000m: 0-1	RANGE: end	herb
fragrans Sw.		PROV: ca cc	000m: 0-1	RANGE: ang cr gua mex per sag? sao	epiph herb
fuscopurpureum Schltr.		PROV: wp	000m: we	RANGE: end	epiph herb
*hellerianum A.D. Hawkes		PROV: cn pa	000m: 0-1	RANGE: nic	herb
hunterianum Schltr.		PROV: ca	000m: 0-1	RANGE: cr	epiph herb
imatophyllum Lindl.		PROV: ca da lo pa	000m: 0-1	RANGE: cag col gui mex per sao trt	herb
incomptum Rchb. f.		PROV: ch	000m: we	RANGE: cr gua mex	epiph herb
isomerum Schltr.		PROV: bo ca	000m: 0-1	RANGE: bel cag cr gua hon mex nic	epiph herb
*lancilabium Schltr.		PROV: ch	000m: we	RANGE: cr	herb
*latifolium (Lindl.) Garay & Sweet		PROV: cc	000m: 0-1	RANGE: gua hon	herb
*laucheanum Rolfe		PROV: ch	000m: we	RANGE: gua hon nic sal	herb
lividum Lindl.	cult.	PROV: wp	000m: we	RANGE: col cr ven	herb
lockhartioides Schltr.		PROV: ca cc pa	000m: 0-1	RANGE: cr	epiph herb
microdendron Rchb. f.		PROV: ch	000m: 1-2,2-3	RANGE: cr	epiph herb
*microphyllum Lindl.		PROV: da	000m: we	RANGE: wr	herb
*miserrimum Rchb. f.		PROV: cc vr	000m: 0-1	RANGE: nic	herb
nocturnum Jacq.		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: afr ang cag fla mex sag?	epiph herb
obesum Ames		PROV: ch	000m: 1-2	RANGE: cr ecu? nic	epiph herb
*obliquifolium Ames, Hubb. & Schweinf.		PROV: ch	000m: we	RANGE: cr	herb
oerstedii Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr hon nic	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

67

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
oncidoides Lindl.					
--var. ramonense (Rchb. f.) Ames, Hubb. & Schweinf.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr hon	epiph herb
panamense Schltr.		PROV: pa	000m: 0-1	RANGE: wr	epiph herb
paniculatum R. & P.		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: cag mex sag sao	herb
parkinsonianum Hook.		PROV: ch	000m: 1-2	RANGE: cr gua hon mex nic sal	epiph herb
pendens L.O. Wms.		PROV: cc	000m: 0-1	RANGE: cr	epiph herb
*peperomia Rchb. f.		PROV: ca ch	000m: 0-1,1-2	RANGE: cr gua hon mex ven	epiph herb
*phyllocharis Rchb. f.		PROV: cc ch	000m: 0-1	RANGE: wr	herb
physodes Rchb. f.		PROV: bo	000m: 0-1	RANGE: cr gua	herb
platystigma Rchb. f.		PROV: ch	000m: 2-3,3+	RANGE: cr	herb
polyanthum Lindl.		PROV: ch	000m: 1-2	RANGE: cag cr gua hon nic sao ven	epiph herb
--var. myodes (Rchb. f.) Ames, Hubb. & Schweinf.		PROV: ch	000m: 1-2	RANGE: cr hon	epiph herb
powellii Schltr.		PROV: cc ch	000m: 0-1,1-2	RANGE: wr	epiph herb
probiflorum Schltr.		PROV: ch	000m: we	RANGE: end	epiph herb
pseudepidendrum Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
pudicum Ames		PROV: ch	000m: 1-2	RANGE: nic	epiph herb
radicans Lindl.		PROV: bo ca cc ch pa	000m: 0-1,1-2,2-3	RANGE: cag col gui mex per ven	herb
ramosum Jacq.		PROV: cc ch	000m: 0-1,1-2	RANGE: ang cag sat	epiph herb
repens Cogn.		PROV: ch	000m: 2-3	RANGE: ang cag cr gua gua hon mex nic sal ven	epiph herb
rigidum Jacq.		PROV: bo ca cn da pa	000m: 0-1	RANGE: ang bel cag fla gua hon mex nic nwt sag sat	epiph herb
--var. angustisegmentum L.O. Wms.		PROV: bo	000m: 0-1	RANGE: end	epiph herb
rousseauae Schltr.		PROV: ca ch pa	000m: 0-1	RANGE: end	epiph herb
*rugosum Ames		PROV: ch	000m: we	RANGE: cr	herb
sancoii Ames		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
schlechterianum Ames		PROV: ca vr	000m: 0-1	RANGE: cag gui jam mex per sao	herb
sculptum Rchb. f.		PROV: ca cn pa	000m: 0-1	RANGE: cr? gui hon?	epiph herb
*selaginella Schltr.		PROV: cc ch vr	000m: 0-1	RANGE: nic	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

68

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*smaragdinum Lindl.		PROV: cn	000m: 0-1	RANGE: wr	herb
stamfordianum Batem.		PROV: ch	000m: 0-1	RANGE: cag col mex ven	epiph herb
stangeanum Rchb. f.		PROV: ca	000m: 0-1	RANGE: cr hon nic	epiph herb
strobiliferum Rchb. f.		PROV: ca pa	000m: 0-1	RANGE: ang cag fla gui mex per sao ven	epiph herb
subnutans A. & S.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
trachythece Schltr.		PROV: ch	000m: 1-2	RANGE: cr gua hon nic sal	epiph herb
triangulabium A. & S.		PROV: cc pa	000m: 0-1	RANGE: cr nic	epiph herb
*vincentinum Lindl.		PROV: da	000m: we	RANGE: wr	herb
volutum Lindl. & Paxt.		PROV: ch	000m: 1-2	RANGE: wr	epiph herb
warszewiczii Rchb. f.		PROV: pa	000m: 0-1	RANGE: cr?	epiph herb
Eriopsis					
*biloba Lindl.		PROV: cc ch pa	000m: 0-1, 1-2	RANGE: wr	epiph herb
Erythrodes					
killipii Ames		PROV: cc ch	000m: 0-1, 1-2	RANGE: cr	herb
*querceticola Ames		PROV: cn	000m: 0-1	RANGE: wr	terr herb
*vesicifera (Rchb. f.) Ames		PROV: cc	000m: 0-1	RANGE: gua nic	herb
Eulophia					
alta (L.) Fawc. & Rendl.		PROV: ca cc cn pa	000m: 0-1	RANGE: ang bel col fla gua mex per sao ven	herb
*Eurystyles					
*cotyledon Wawra		PROV: ch	000m: we	RANGE: wr	herb
Galeandra					
baueri Lindl.		PROV: bo	000m: we	RANGE: bel cag gua gui hon mex	epiph herb
*beyrichii Rchb. f.		PROV: cc	000m: 0-1	RANGE: wr	herb
*stylomisantha (Vell.) Hoehne		PROV: pa	000m: 0-1	RANGE: gui sao ven	herb
Gongora					
armeniaca (Lindl.) Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
*atropurpurea Hook.		PROV: da	000m: we	RANGE: wr	wh
*charontis Rchb. f.		PROV: da	000m: we	RANGE: wr	wh
*claviodora Dressler		PROV: wp	000m: we	RANGE: cr nic	epiph
fulva Lindl.		PROV: ca cc cn pa	000m: 0-1	RANGE: col per	herb
*gibba Dressler		PROV: cc cn sa	000m: 0-1	RANGE: end	epiph



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*horichiana Fowlie quinquenervis R. & P.		PROV: vr PROV: bo ca cc ch pa	000m: 0-1 000m: 0-1	RANGE: cr RANGE: bel cag? ecu mex per sag? sao	herb epiph herb
Govenia cililabia A. & S. lillicea Lindl.		PROV: ch PROV: ch	000m: 1-2 000m: 1-2,2-3	RANGE: cr sal RANGE: ang bol cag cr gua hon mex sal sao sao ven	herb herb
Habenaria alata Hook. avicula Schltr. bicornis Lindl. *clypeata Lindl. *entomantha (Llave & Lex.) Lindl. *leprieuri Rchb. f. *mesodactyla Griseb. monorrhiza (Sw.) Rchb. f. petalodes Lindl. repens Nutt.		PROV: ca ch PROV: ca pa PROV: ca pa PROV: ch PROV: ch PROV: pa vr PROV: pa PROV: cc ch PROV: ca cc pa PROV: ca	000m: 0-1 000m: 0-1 000m: 0-1 000m: 2-3 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1,1-2 000m: 0-1 000m: 0-1	RANGE: wdw RANGE: end RANGE: ang RANGE: gua hon nic RANGE: bel gua hon nic sal RANGE: col gui sao ven RANGE: bel RANGE: ang cag gua sag RANGE: col cr sao RANGE: ang bel cr gua hon nag nic sag RANGE: cag mex sag sao	herb herb herb herb herb herb herb herb herb herb
*trifida H.B.K.		PROV: ch pa	000m: 0-1	RANGE: cag mex sag sao	herb
*Helleriella *nicaraguensis Hawkes		PROV: ch	000m: we	RANGE: gua hon nic nic sal	herb
Hexisea *arctata Dressler bidentata Lindl. imbricata (Lindl.) Rchb. f. *sigmoidea A. & S.		PROV: ch vr PROV: ch pa vr PROV: ca PROV: ch	000m: 0-1 000m: 0-1,1-2 000m: 0-1 000m: we	RANGE: wr RANGE: bel col cr gui hon mex nic RANGE: col cr gua hon mex nic per ven RANGE: cr	herb epiph herb epiph herb herb
*Homalopetalum *pumilio (Rchb. f.) Schltr.		PROV: ch	000m: we	RANGE: gua hon nic sal	herb
*Horichia *dressleri Jenny		PROV: bo cc	000m: 0-1	RANGE: wr	wh
*Houlletia *odoratissima Lindl. & Paxt. *tigrina Lindl. & Paxt.		PROV: pa PROV: cc da pa	000m: 0-1 000m: 0-1	RANGE: wr RANGE: nic	herb herb
Huntleya burtii Endres & Rchb. f. *fasciata Fowlie		PROV: cc da pa PROV: cc	000m: 0-1 000m: 0-1	RANGE: col cr sao RANGE: bel	epiph herb herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<b>*Hybochilus</b>					
*inconspicuus (Kranzl.) Schltr.		PROV: ch	000m: we	RANGE: wr	herb
*leochilinus (Rchb. f.) Mansf.		PROV: ch	000m: we	RANGE: wr	herb
<b>Ionopsis</b>					
*satyrioides (Sw.) Rchb. f.		PROV: ca ch cn	000m: 0-1	RANGE: ang bel cr gua hon	herb
utricularioides (Sw.) Lindl.		PROV: ca da pa	000m: 0-1	RANGE: ang sat ven cag fla mex sag? sao	epiph herb
<b>Isochilus</b>					
major Cham. & Schlecht.		PROV: ch	000m: 1-2	RANGE: cr gua hon jam mex nic	epiph herb
<b>*Jacquiniella</b>					
*aporophylla (L.O. Wms.) Dressler		PROV: vr	000m: 0-1	RANGE: wr	herb
*equitantifolia (Ames) Dressler		PROV: ca ch	000m: 0-1,1-2	RANGE: bel hon mex	epiph herb
*globosa (Jacq.) Schltr.		PROV: cc ch cn pa	000m: 0-1	RANGE: gua hon nic	herb
*pedunculata Dressler		PROV: cn	000m: 0-1	RANGE: wr	epiph herb
*standleyi (Ames) Dressler		PROV: ch	000m: we	RANGE: wr	herb
*teretifolia (Sw.) Britt. & Wils.		PROV: ch vr	000m: 0-1,1-2	RANGE: ang gua hon mex nic ven	epiph herb
<b>Kefersteinia</b>					
*auriculata Dressler		PROV: cc	000m: 0-1	RANGE: wr	epiphyte
costaricensis Schltr.		PROV: cn	000m: 0-1	RANGE: cr nic	epiph herb
*deflexipetala Fowlie		PROV: ch	000m: we	RANGE: wr	herb
lactea (Rchb. f.) B.D. Jacks.		PROV: ch	000m: we	RANGE: cr	epiph herb
*maculosa Dressler		PROV: wp	000m: we	RANGE: wr	wh
*mystacina (Rchb. f.) Rchb. f.		PROV: da	000m: we	RANGE: wr	herb
*parvilabris Schltr.		PROV: cc ch	000m: 0-1	RANGE: wr	herb
<b>Kegeliella</b>					
houtteana (Rchb. f.) L.O. Wms.		PROV: cc	000m: 0-1	RANGE: gui jam trt	epiph herb
kupperi Mansf.		PROV: cn	000m: 0-1	RANGE: cr	epiph herb
<b>Koellensteinia</b>					
kellneriana Rchb. f.		PROV: cc pa	000m: 0-1	RANGE: col gui sao ven	herb
<b>*Lacaena</b>					
*specatabilis (Kl.) Rchb. f.		PROV: ch	000m: we	RANGE: wr	wh



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

71

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>Laelia</i>					
<i>rubescens</i> Lindl.		PROV: ch	000m: we	RANGE: cag cr gua hon mex nic sal	epiph herb
<i>Leochilus</i>					
<i>labiatus</i> (Sw.) Kuntze		PROV: cc	000m: 0-1	RANGE: ang hon nic sal trt	epiph herb
<i>scriptus</i> (Scheidw.) Rchb. f.		PROV: ca pa vr	000m: 0-1	RANGE: cr gua hon nic sal	epiph herb
<i>Lepanthes</i>					
* <i>brunnescens</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	wh
* <i>caloptera</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	wh
<i>chiriquensis</i> Schltr.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
* <i>coeloglossa</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
* <i>demissa</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
<i>eciliata</i> Schltr.		PROV: ch	000m: 1-2	RANGE: end	epiph herb
<i>elata</i> Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
* <i>empis</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
<i>eximia</i> Ames		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
* <i>floripecten</i> (Rchb. f.) Ames		PROV: wp	000m: we	RANGE: wr	herb
* <i>horrida</i> Rchb. f.		PROV: bo	000m: 0-1	RANGE: wr	epiphyte
* <i>infundibulum</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
<i>insectiflora</i> C. Schweinf.		PROV: ch	000m: 1-2	RANGE: end	epiph herb
* <i>lindleyana</i> Oerst. & Rchb. f.		PROV: wp	000m: we	RANGE: cr	herb
* <i>maduroi</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
* <i>mariposa</i> Luer		PROV: ch	000m: we	RANGE: wr	herb
<i>maxonii</i> Schltr.		PROV: ch	000m: 2-3	RANGE: end	epiph herb
* <i>pachyglossa</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	wh
* <i>prora</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>psyche</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
<i>rotundifolia</i> L.O. Wms.		PROV: cc	000m: 0-1	RANGE: cr nic	epiph herb
* <i>schizocardia</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	wh
* <i>setos</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
* <i>trichidion</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
<i>turalvae</i> Rchb. f.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag mex	epiph herb
<i>Leucochyle</i>					
<i>warczewiczii</i> Kl.		PROV: wp	000m: we	RANGE: wr	epiphyte



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*Ligeophila *clavigera (Rchb. f.) Garay		PROV: pa	000m: 0-1	RANGE: wr	herb
*Liparis fratrum Schltr.		PROV: wp	000m: we	RANGE: cr	herb
*nervosa (Thunb.) Lindl.		PROV: ca pa	000m: 0-1	RANGE: ang cag col cr fla gua hon mex nic per sao	herb
Lockhartia acuta (Lindl.) Rchb. f.		PROV: ca ch cn pa	000m: 0-1	RANGE: col trt ven	epiph herb
amoena Endres & Rchb. f. --var. amoena		PROV: cc ch	000m: 0-1,1-2	RANGE: cr gua nic	epiph herb
--var. triangulabia C. Schweinf. & P.H. Allen		PROV: ch	000m: 1-2	RANGE: end	epiph herb
*hercodonta Kranzl. micrantha Rchb. f.		PROV: cc pa PROV: ca cc ch pa vr	000m: 0-1 000m: 0-1,1-2	RANGE: cr gua hon nic RANGE: cag? gui nic sag?	herb epiph herb
obtusata L.O. Wms.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
oerstedii Rchb. f.		PROV: ch lo	000m: 0-1,1-2,2-3	RANGE: bel cag cr gua hon mex nic	epiph herb
pittieri Schltr.		PROV: ca da	000m: 0-1	RANGE: bel cr	epiph herb
Lycaste brevispatha Lindl.		PROV: ch	000m: 1-2	RANGE: cr gua	epiph herb
campbellii C. Schweinf.		PROV: pa	000m: 0-1	RANGE: end	epiph herb
*leucantha (Kl.) Lindl. macrophylla Lindl.		PROV: ch PROV: cc ch vr	000m: we 000m: 0-1,1-2	RANGE: wr RANGE: bol col cr nic per ven	herb epiph herb
powellii Schltr.		PROV: ca cc pa	000m: 0-1	RANGE: end	herb
*schilleriana Rchb. f. tricolor (Kl.) Rchb. f.		PROV: ch PROV: cc vr	000m: we 000m: 0-1	RANGE: wr RANGE: bel cr gua	herb epiph herb
*xytriophora Linden & Rchb. f.		PROV: da	000m: we	RANGE: wr	herb
Macradenia brassavolae Rchb. f.		PROV: ca pa	000m: 0-1	RANGE: col gua nic	epiph herb
Malaxis blephariglottis (Schltr.) Ames excavata (Lindl.) Kuntze		PROV: ch PROV: ch	000m: 1-2 000m: 1-2,2-3,3+	RANGE: cr RANGE: bol col cr ecu gua hon mex per sao	herb herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
fastigiata (Rchb. f.) Kuntze		PROV: ch pa	000m: 0-1,1-2	RANGE: cr gua hon mex nic	herb
*higionantha (Link, Kl. & Otto) Garay & Dunsterv.		PROV: bo ca ch	000m: 0-1,1-2	RANGE: cr gua hon mex per?	herb
majanthemifolia Cham. & Schlecht.		PROV: ch	000m: 1-2,2-3,3+	RANGE: gua hon mex nic sal	herb
pittieri (Schltr.) Ames		PROV: ch	000m: 2-3	RANGE: end	herb
simillima (Rchb. f.) Kuntze		PROV: ch	000m: 1-2	RANGE: cr	herb
soulei L.O. Wms.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr gua hon mex nao	herb
tipuloides (Lindl.) Kuntze		PROV: ch pa	000m: 0-1,1-2,2-3	RANGE: col cr nic	epiph herb
wendlandii (Rchb. f.) L.O. Wms.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
woodsonii L.O. Wms.		PROV: ch	000m: 1-2	RANGE: end	herb
Masdevallia					
attenuata Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
chontalensis Rchb. f.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: cr gua hon nic	epiph herb
collina L.O. Wms.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
ecaudata Schltr.		PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
*erinacea Rchb. f.		PROV: ch cn pa vr	000m: 0-1	RANGE: wr	herb
*lata Rchb. f.		PROV: ch	000m: we	RANGE: wr	wh
livingstoneana Rchb. f.		PROV: ca cn pa	000m: 0-1	RANGE: cr?	epiph herb
*molossoides Kranzl.		PROV: ch	000m: we	RANGE: cr	herb
*nidifica Rchb. f.		PROV: ch	000m: we	RANGE: nic	herb
*pelecaniceps Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
*picturata Rchb. f.		PROV: ch	000m: we	RANGE: wr	herb
*pleurothalloides Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
*scabrilinguis Luer		PROV: ch	000m: we	RANGE: wr	herb
*schizopetala Kranzl.		PROV: bo	000m: we	RANGE: col	herb
*tonduzii Woolw.		PROV: bo	000m: we	RANGE: cr	herb
*utriculata Luer		PROV: ch	000m: we	RANGE: wr	herb
*zahbruckneri Kranzl.		PROV: pa	000m: 0-1	RANGE: cr	herb
Maxillaria					
*adendrobium (Rchb. f.) Dressler		PROV: pa	000m: 0-1	RANGE: wr	herb
alba (Hook.) Lindl.		PROV: ca ch cn da pa	000m: 0-1,1-2	RANGE: cr cub gua gui hon jam nic sao trt	epiph herb
allenii L.O. Wms.		PROV: cc pa	000m: 0-1,1-2	RANGE: wr	epiph herb
angustisegmenta A. & S.		PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
angustissima Ames, Hubb. & Schweinf.		PROV: cn	000m: 0-1	RANGE: cr nic	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

74

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>arachnitiflora</i> A. & S.		PROV: cc	000m: 0-1	RANGE: cr	epiph herb
<i>biolleyi</i> (Schltr.) L.O. Wms.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
<i>brachybulbon</i> Schltr.		PROV: pa	000m: 0-1	RANGE: cr hon	epiph herb
* <i>bracteata</i> (Schltr.) Ames & Corr.		PROV: bo	000m: we	RANGE: wr	wh
<i>bradeorum</i> (Schltr.) L.O. Wms.		PROV: cc ch	000m: 0-1,1-2	RANGE: col cr	epiph herb
<i>brevipes</i> Schltr.		PROV: cc	000m: 0-1,1-2	RANGE: cr	epiph herb
* <i>brunnea</i> Linden & Rchb. f.		PROV: cc ch da pa	000m: 0-1,1-2	RANGE: bel cr gua hon mex nic per sag?	epiph herb
<i>camaridii</i> Rchb. f.		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: cr gua gui trt	epiph herb
<i>chartacifolia</i> A. & S.		PROV: cc	000m: 0-1	RANGE: cr	epiph herb
<i>conduplicata</i> (A. & S.) L.O. Wms.		PROV: ch	000m: 1-2	RANGE: wr	epiph herb
<i>confusa</i> A. & S.		PROV: cc vr	000m: 0-1	RANGE: cr hon nic	epiph herb
<i>crassifolia</i> (Lindl.) Rchb. f.		PROV: bo ca ch da pa	000m: 0-1,1-2	RANGE: bel cag col cr cub fla gua his hon jam mex nic sal sao ven	epiph herb
<i>ctenostachya</i> Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
<i>cucullata</i> Lindl.		PROV: ch	000m: 1-2	RANGE: cag cr gua mex nic	epiph herb
<i>dendrobioides</i> (Schltr.) L.O. Wms.		PROV: bo ch	000m: 0-1,1-2	RANGE: cr	epiph herb
<i>diuturna</i> A. & S.		PROV: cc cn pa	000m: 0-1	RANGE: cr nic	epiph herb
<i>exaltata</i> (Kranzl.) C. Schweinf.		PROV: cc	000m: 0-1,1-2	RANGE: col? ecu? per	epiph herb
* <i>falcata</i> Ames & Corr.		PROV: ch	000m: we	RANGE: cr	herb
* <i>flava</i> Ames, Hubb. & Schweinf.		PROV: ch	000m: we	RANGE: wr	herb
* <i>foliosa</i> A. & S.		PROV: pa	000m: 0-1	RANGE: cr nic	epiphyte
<i>friedrichsthalii</i> Rchb. f.		PROV: ca cc ch da pa	000m: 0-1,1-2	RANGE: bel cr gua hon mex nic sag?	epiph herb
<i>fulgens</i> (Rchb. f.) L.O. Wms.		PROV: bo cc ch da pa sa vr	000m: 0-1,1-2,3+	RANGE: nic	herb
* <i>hedwigae</i> Hamer & Dodson		PROV: bo	000m: we	RANGE: wr	wh
* <i>horichii</i> Senghas		PROV: ch	000m: we	RANGE: cr	herb
<i>inaudita</i> Rchb. f.		PROV: vr	000m: 0-1	RANGE: cr	epiph herb
* <i>insolita</i> Dressler		PROV: pa	000m: 0-1	RANGE: wr	epiph herb
* <i>linearifolia</i> A. & S.		PROV: ch	000m: we	RANGE: cr	herb
<i>longipetiolata</i> A. & S.		PROV: pa	000m: 0-1	RANGE: wr	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

75

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*lueri Dodson		PROV: cn	000m: 0-1	RANGE: wr	wh
luteo-alba Lindl.		PROV: cc pa	000m: 0-1	RANGE: col cr ecu	epiph herb
maleolens Schltr.		PROV: ca cc	000m: 0-1	RANGE: cr hon nic	epiph herb
minor (Schltr.) L.O. Wms.		PROV: cc	000m: 0-1,1-2	RANGE: cr	epiph herb
*nasuta Rchb. f.		PROV: ch da	000m: 1-2	RANGE: hon nic	epiph herb
neglecta (Schltr.) L.O. Wms.		PROV: ca cc ch cn lo	000m: 0-1,1-2,2-3	RANGE: bel cag cr gua hon	epiph herb
oreocharis Schltr.		pa PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
parvilabia A. & S.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
pittieri (Ames) L.O. Wms.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
planicola C. Schweinf.		PROV: ca cn pa	000m: 0-1	RANGE: wr	epiph herb
powellii Schltr.		PROV: ca cc pa	000m: 0-1,1-2	RANGE: end	epiph herb
*reichenheimiana Rchb. f.		PROV: ch	000m: we	RANGE: cr ecu nic	herb
repens L.O. Wms.		PROV: cc	000m: 0-1,1-2	RANGE: end	epiph herb
rufescens Lindl.		PROV: cc	000m: 0-1	RANGE: cag cr cub gua gui his hon jam nic per sao trt	epiph herb
*sanguinea Rolfe		PROV: bo	000m: we	RANGE: cr	herb
*speciosa Rchb. f.		PROV: cc vr	000m: 0-1	RANGE: wr	herb
*splendens P. & E.		PROV: pa	000m: 0-1	RANGE: wr	herb
*tonduzii (Schltr.) Ames & Corr.		PROV: cc ch	000m: 0-1,2-3	RANGE: cr	herb
umbratilis L.O. Wms.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
uncata Lindl.		PROV: bo ca cc cn da	000m: 0-1,1-2	RANGE: bel cag cr gua gui hon nic per sao	epiph herb
vagans A. & S.		pa vr PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr hon	epiph herb
Valenzuelana (A. Rich.) Nash		PROV: ch	000m: 1-2	RANGE: ang cag col cr cub hon nic sao sat ven	epiph herb
variabilis Lindl.		PROV: ca cc ch cn pa	000m: 0-1,1-2	RANGE: bel cag cr gua gui hon mex nic sal ven	epiph herb
wercklei (Schltr.) L.O. Wms.		vr PROV: cc	000m: 0-1	RANGE: col cr	epiph herb
*wrightii (Schltr.) Ames & Corr.		PROV: cc	000m: 0-1	RANGE: cr nic	herb
*Mendoncella					
*grandiflora (A. Rich.) A.D. Hawkes		PROV: ch da	000m: 0-1,2-3	RANGE: cr gua mex nic	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
Mesospinidium					
*endresii (Kranzl.) Garay		PROV: ch pa	000m: 0-1	RANGE: wr	wh
*panamense Garay		PROV: cc pa	000m: 0-1	RANGE: cr	epiph herb
*Miltoniopsis					
*roezlii (Rchb. f.) Godefr.-Leb.		PROV: cc ch da pa vr	000m: 0-1,1-2	RANGE: cr per	epiph herb
warscewiczii (Rchb. f.) Garay & Dunsterv.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
*Monophyllorchis					
*maculata Garay		PROV: ca cc cn vr	000m: 0-1	RANGE: wr	herb
Mormodes					
atropurpureum Lindl.		PROV: ch	000m: 0-1	RANGE: cr	epiph herb
*cartonii Hook.		PROV: pa	000m: 0-1	RANGE: wr	epiph herb
colossus Rchb. f.		PROV: ca cc	000m: 0-1	RANGE: cr	epiph herb
hookeri Lem.		PROV: wp	000m: we	RANGE: cr	epiph herb
igneum Lindl. & Paxt.		PROV: ca cc ch pa vr	000m: 0-1	RANGE: col cr hon	epiph herb
*lancilabris Pabst		PROV: cc	000m: 0-1	RANGE: end	herb
powellii Schitr.		PROV: ca cc cn	000m: 0-1	RANGE: end	epiph herb
*Myoxanthus					
*affinis (Lindl.) Luer		PROV: wp	000m: we	RANGE: wr	wh
*hirsuticaulis (A & S.) Luer		PROV: vr	000m: 0-1	RANGE: wr	herb
*octomeriae (Schitr.) Luer		PROV: cc ch	000m: 0-1	RANGE: cr hon?	epiph herb
*parahybunensis (Barb. Rodr.) Luer		PROV: ch	000m: we	RANGE: wr	herb
*scandens (Ames) Luer		PROV: cn pa	000m: 0-1	RANGE: wr	herb
*speciosus (Luer) Luer		PROV: ch	000m: we	RANGE: end	herb
*trachychlamys (Schitr.) Luer		PROV: ca da pa	000m: 0-1	RANGE: cr per? ven	epiph herb
Neomoorea					
irrorata Rolfe		PROV: ca	000m: 0-1	RANGE: col	epiph herb
*Neowilliamsia					
*alfaroi (A. & S.) Dressler		PROV: ch	000m: we	RANGE: cr	herb
*cuneata Dressler		PROV: vr	000m: 0-1	RANGE: wr	wh



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

77

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*tenuisulcata Dressler		PROV: cc	000m: 0-1	RANGE: end	herb
*wercklei (Schltr.) Dressler		PROV: ch	000m: we	RANGE: cr	herb
*Nidema					
boothii (Lindl.) Schltr.		PROV: bo	000m: 0-1	RANGE: ang cag cag mex sag?	epiph herb
ottonis (Rchb. f.) Britt. & Millsp.		PROV: bo pa	000m: 0-1	RANGE: ang col hon nic per ven	epiph herb
Notylia					
*albida Kl.		PROV: ca cn da	000m: 0-1	RANGE: col	epiph herb
barkeri Lindl.		PROV: ca ch vr	000m: 0-1,1-2	RANGE: cag mex	epiph herb
cordesii L.O. Wms.		PROV: bo	000m: 0-1	RANGE: cr	epiph herb
*juncta Dressler		PROV: pa	000m: 0-1	RANGE: wr	herb
*lankesteri Ames		PROV: wp	000m: we	RANGE: cr	herb
latilabia A. & S.		PROV: ca	000m: 0-1	RANGE: end	epiph herb
*linearis A. & S.		PROV: cc da pa	000m: 0-1,1-2	RANGE: cr	herb
pentachne Rchb. f.		PROV: ca da vr	000m: 0-1	RANGE: hon nic	epiph herb
*ramonensis Schltr.		PROV: ch	000m: we	RANGE: cr	herb
*simplex Dressler		PROV: pa	000m: 0-1	RANGE: wr	herb
*Octomeria					
*valerioi A. & S.		PROV: ch	000m: we	RANGE: nic	herb
Odontoglossum					
*bictoniense (Batem.) Lindl.		PROV: ch	000m: we	RANGE: gua hon sal	herb
*krameri Rchb. f.		PROV: ch pa	000m: 0-1	RANGE: nic	herb
*--var. album (Halb.) Halb.		PROV: bo	000m: we	RANGE: wr	epiphyte
*maculata (Lindl.) Lindl.		PROV: ca	000m: 0-1	RANGE: gua	herb
oerstedii Rchb. f.		PROV: ch	000m: 2-3,3+	RANGE: cr nic	epiph herb
*Oerstedella					
*caligaria (Rchb. f.) Hags.		PROV: vr	000m: 0-1	RANGE: end	epiph herb
centradenia Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
centropetala (Rchb. f.) Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr gua hon	epiph herb
*crescentiloba (Ames) Hags.		PROV: ch	000m: 2-3	RANGE: wr	terr herb
*endresii (Rchb. f.) Hags.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

78

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*exasperata (Rchb. f.) Hags.		PROV: cc ch	000m: 0-1,2-3	RANGE: cr	epiph herb
*fuscina Dressler		PROV: cc	000m: 0-1	RANGE: wr	epiphyte
*intermixta (A. & S.) Hags.		PROV: ch vr	000m: 0-1	RANGE: wr	herb
*lactea (Dressler) Hags.		PROV: vr	000m: 0-1	RANGE: wr	herb
*ornata Dressler		PROV: ch	000m: 2-3	RANGE: wr	epiphyte
*pajitense (C. Schweinf.) Hags.		PROV: cc	000m: 0-1	RANGE: wr	herb
*pansamalae (Schltr.) Hags.		PROV: cc	000m: 0-1	RANGE: wr	herb
*pinnifera (C. Schweinf.) Hags.		PROV: ch	000m: we	RANGE: wr	herb
*pseudo-wallisii (Schltr.) Hags.		PROV: pa	000m: 0-1	RANGE: wr	epiphyte
*pumila (Rolfe) Hags.		PROV: ch	000m: we	RANGE: wr	herb
*schumanniana (Schltr.) Hagsater		PROV: cc	000m: 0-1	RANGE: cr	epiph herb
*tetraceros (Rchb. f.) Hags.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
*wallisii (Rchb. f.) Hags.		PROV: cc pa	000m: 0-1	RANGE: wr	herb
Oncidium					
*abortivum Rchb. f.		PROV: ch	000m: 1-2	RANGE: wr	epiphyte
ampliatum Lindl.		PROV: ca cc pa vr	000m: 0-1	RANGE: gua hon nic per trt ven	epiph herb
ansiferum Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr gua	epiph herb
baueri Lindl.		PROV: ch pa	000m: 0-1	RANGE: cag? lag? mex per sag? sao	epiph herb
bracteatum Warsc. & Rchb. f.		PROV: wp	000m: we	RANGE: cr	epiph herb
cabagrae Schltr.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr	epiph herb
cariniferum (Rchb. f.) Beer		PROV: ch	000m: 1-2,2-3	RANGE: cr ven	epiph herb
carthaginense (Jacq.) Sw.		PROV: ca ch da pa	000m: 0-1	RANGE: ang cag fla mex sao ven	epiph herb
cheirophorum Rchb. f.		PROV: cc ch	000m: 0-1,1-2	RANGE: col cr nic sal	epiph herb
crista-galli Rchb. f.		PROV: cc	000m: 0-1	RANGE: cag col mex per	epiph herb
ensatum Lindl.		PROV: pa	000m: 0-1	RANGE: bel cag?	herb
*exalatum Hags.		PROV: vr	000m: 0-1	RANGE: end	epiphyte
*fuscatum Rchb. f.		PROV: pa	000m: 0-1	RANGE: wr	herb
globuliferum H.B.K.		PROV: cc ch da pa vr	000m: 0-1,1-2	RANGE: cr per ven	epiph herb
heteranthum P. & E.		PROV: ch	000m: 1-2	RANGE: bol col cr per	epiph herb
isthmi Schltr.		PROV: ca da pa	000m: 0-1	RANGE: cr	epiph herb
klotzschianum Rchb. f.		PROV: wp	000m: we	RANGE: gua mex	epiph herb
*luteum Rolfe		PROV: ch vr	000m: 0-1,1-2	RANGE: wr	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

79

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*nudum Batem.		PROV: da pa	000m: 0-1,1-2	RANGE: wr	epiph herb
obryzatum Rchb. f.		PROV: cc ch	000m: 0-1,1-2	RANGE: col cr ecu gua per sal	epiph herb
ochmatochilum Rchb. f.		PROV: cc ch	000m: 0-1,1-2	RANGE: col cr gua nic per	epiph herb
*ornithorhynchum H.B.K. panamense Schltr.		PROV: ch PROV: ca pa	000m: 1-2 000m: 0-1	RANGE: gua nic sal RANGE: nic	epiphyte epiph herb
panduriforme A. & S.		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
parviflorum L.O. Wms.		PROV: cc pa	000m: 0-1	RANGE: wr	epiph herb
powellii Schltr.		PROV: ca cc	000m: 0-1	RANGE: nic	epiph herb
*schroederianum Garay & Stacey stenotis Rchb. f.		PROV: ch PROV: bo ch	000m: we 000m: 0-1	RANGE: wr RANGE: cr hon nic	herb epiph herb
stipitatum Lindl.		PROV: ca ch cn pa	000m: 0-1	RANGE: bel hon nic	epiph herb
teres A. & S.		PROV: ch vr	000m: 0-1	RANGE: hon nic	epiph herb
warscewiczii Rchb. f.		PROV: ch	000m: 2-3	RANGE: cr	epiph herb
*Ophidion *pleurothalloopsis (Kranzl.) Luer		PROV: da	000m: we	RANGE: wr	herb
Ornithocephalus bicornis Lindl.		PROV: ca da pa vr	000m: 0-1	RANGE: cag col cr ecu gua hon mex nic ven	epiph herb
cochleariformis C. Schweinf.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
*gladius Hook.		PROV: ch	000m: 1-2	RANGE: bel cr gua hon mex nic	epiph herb
powellii Schltr.		PROV: ca pa	000m: 0-1	RANGE: end	epiph herb
Osmoglossum egertonii (Lindl.) Schltr.		PROV: ch	000m: 1-2	RANGE: cr gua hon mex nic	epiph herb
*Otoglossum *chiriquense (Rchb. f.) Garay & Dunsterv.		PROV: bo ch pa vr	000m: 0-1,1-2,2-3	RANGE: col cr per	epiph herb
*Pachyphyllum *hispidulum (Rchb. f.) Garay & Dunsterv.		PROV: ch	000m: we	RANGE: wr	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>Palmorchis</i>					
* <i>nitida</i> Dressler		PROV: cn	000m: 0-1	RANGE: end	epiph herb
<i>powellii</i> (Ames) Schweinf. & Corr.		PROV: ca cn pa	000m: 0-1	RANGE: end	herb
* <i>silvicola</i> L.O. Wms.		PROV: ch vr	000m: 0-1	RANGE: nic	herb
<i>trilobulata</i> L.O. Wms.		PROV: cc da pa	000m: 0-1	RANGE: end	herb
<i>Paphinia</i>					
* <i>clausula</i> Dressler		PROV: bo	000m: we	RANGE: wr	herb
* <i>crystata</i> Lindl.		PROV: cc	000m: 0-1	RANGE: wr	herb
<i>Pelexia</i>					
<i>funckiana</i> (A. Rich. & Gal.) Schitr.		PROV: cc	000m: 0-1,1-2	RANGE: bel cag gua hon mex nic sag?	herb
<i>Peristeria</i>					
<i>elata</i> Hook.		PROV: cc cn pa	000m: 0-1	RANGE: col cr sal ven	herb
* <i>pendula</i> Hook.		PROV: da	000m: we	RANGE: wr	herb
<i>Pescatorea</i>					
<i>cerina</i> (Lindl.) Rchb. f.		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: cr	epiph herb
* <i>dayana</i> Rchb. f.		PROV: da	000m: we	RANGE: wr	herb
<i>Phloephila</i>					
* <i>peperomioides</i> (Ames) Garay		PROV: pa	000m: 0-1	RANGE: wr	epiphyte
<i>Phragmipedium</i>					
* <i>dariense</i> (Rchb. f.) Garay		PROV: wp	000m: we	RANGE: wr	herb
<i>hincksianum</i> (Rchb. f.) Garay		PROV: wp	000m: we	RANGE: cr	herb
<i>longifolium</i> (Warsc. & Rchb. f.) Rolfe		PROV: cc ch pa	000m: 0-1,1-2	RANGE: col cr	herb
* <i>roezlii</i> (Rchb. f.) Garay		PROV: wp	000m: we	RANGE: col cr	herb
* <i>warscewiczianum</i> (Rchb. f.) Garay		PROV: ch	000m: 1-2	RANGE: gua hon	herb
<i>Phymatidium</i>					
* <i>panamense</i> Dressler		PROV: pa	000m: 0-1	RANGE: wr	herb
<i>Platyglottis</i>					
<i>coriacea</i> L.O. Wms.		PROV: cc pa vr	000m: 0-1,1-2	RANGE: end	epiph herb
<i>Platystele</i>					
* <i>calymma</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>caudatisepala</i> (C. Schweinf.) Garay		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>compacta</i> (Ames) Ames		PROV: ch	000m: we	RANGE: bel gua hon nic	herb
* <i>dressleri</i> Luer		PROV: cn pa	000m: 0-1	RANGE: wr	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

81

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*jungermannioides (Schltr.) Garay		PROV: cn	000m: 0-1	RANGE: gua	herb
*lancilabris (Rchb. f.) Schltr.		PROV: cc	000m: 0-1	RANGE: gua hon	herb
*minimiflora (Schltr.) Garay		PROV: cn pa	000m: 0-1	RANGE: wr	herb
*perpusilla (Rchb. f.) Garay		PROV: wp	000m: we	RANGE: wr	herb
*stenostachya (Rchb. f.) Garay		PROV: ch lo	000m: 0-1,1-2	RANGE: bel cag cr gua hon mex nic	epiph herb
*taylori Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
*Platythelys					
*maculata (Hook.) Garay		PROV: cc vr	000m: 0-1	RANGE: wr	herb
*venustula (Ames) Garay		PROV: ch	000m: we	RANGE: gua hon nic	herb
*Plectrophora					
*alata (Rolfe) Garay		PROV: ch	000m: we	RANGE: gua	herb
Pleurothallis					
*aberrans Luer		PROV: vr	000m: 0-1	RANGE: end	herb
*abjecta Ames		PROV: pa	000m: 0-1	RANGE: gua hon nic	herb
*acostaei Schltr.		PROV: wp	000m: we	RANGE: cr	herb
acrisepala A. & S.		PROV: bo ca da pa	000m: 0-1	RANGE: end	epiph herb
alexandrae Schltr.		PROV: cc	000m: 1-2	RANGE: cr	epiph herb
allenii L.O. Wms.		PROV: cc lo	000m: 0-1	RANGE: hon nic	epiph herb
alpina Ames		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	epiph herb
*amparoana Schltr.		PROV: ch	000m: 1-2,2-3	RANGE: cr	epiphyte
*amygdalodora Kranzl.		PROV: pa	000m: 0-1	RANGE: per	herb
*annectans Luer		PROV: ch	000m: we	RANGE: end	herb
antonensis L.O. Wms.		PROV: cc da pa	000m: 0-1,1-2	RANGE: end	epiph herb
*archicolonae Luer		PROV: cn pa	000m: 0-1	RANGE: end	herb
*areldii Luer		PROV: ch	000m: we	RANGE: end	herb
arietina Ames		PROV: bo cc ch	000m: 0-1,1-2	RANGE: cr gua	epiph herb
aristata Hook.		PROV: ch	000m: 1-2	RANGE: ang cr	epiph herb
barboselloides Schltr.		PROV: bo ca da pa	000m: 0-1	RANGE: end	epiph herb
*barbulata Lindl.		PROV: cn pa	000m: 0-1	RANGE: nic	herb
blaisdellii S. Wats.		PROV: ch	000m: 1-2	RANGE: bel cr hon mex nic sal	epiph herb
brighamii S. Wats.		PROV: bo ca cn da pa	000m: 0-1	RANGE: cag gua	epiph herb
*butcheri L.O. Wms.		PROV: ch	000m: we	RANGE: wr	herb
*cactantha Luer		PROV: pa	000m: 0-1	RANGE: end	herb
calyptrosteale Schltr.		PROV: cc pa	000m: 0-1	RANGE: cr	epiph herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*campicola Luer		PROV: ch	000m: we	RANGE: end	herb
cardiochila L.O. Wms.		PROV: ch da	000m: 0-1,1-2	RANGE: gua hon nic sal	epiph herb
*cardiothallis Rchb. f.		PROV: ch vr	000m: 0-1	RANGE: gua hon nic sal	herb
*carinilabia Luer		PROV: da	000m: we	RANGE: end	epiph herb
*carnosilabia Heller & Hawkes		PROV: vr	000m: 0-1	RANGE: nic	herb
*carpinterae Schltr.		PROV: ch vr	000m: 0-1	RANGE: cr	herb
*cedralensis Ames		PROV: cc ch	000m: 0-1	RANGE: cr	herb
*ciliaris (Lindl.) L.O. Wms.		PROV: wp	000m: we	RANGE: gua hon nic	herb
*citrophila Luer		PROV: cc	000m: 0-1	RANGE: end	herb
cobraeformis L.O. Wms.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
cogniauxiana Schltr.		PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
conceviflora C. Schweinf.		PROV: cc pa	000m: 0-1	RANGE: cr	epiph herb
*condylata Luer		PROV: ch	000m: we	RANGE: end	herb
*congruens Luer		PROV: cn pa	000m: 0-1	RANGE: end	herb
*convallaria Schltr.		PROV: vr	000m: 0-1	RANGE: nic	herb
*corniculata (Sw.) Lindl.		PROV: wp	000m: we	RANGE: cr gua hon nic	herb
*corynophora Luer		PROV: ch	000m: we	RANGE: wr	wh
*costaricensis Rolfe		PROV: vr	000m: 0-1	RANGE: cr	herb
*crocodiliceps Rchb. f.		PROV: wp	000m: we	RANGE: wr	herb
*cucumeris Luer		PROV: ch	000m: we	RANGE: end	herb
*cuspidata Luer		PROV: ch	000m: we	RANGE: end	herb
*decipiens A. & S.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
*dentipetala Ames		PROV: ch	000m: we	RANGE: cr	herb
*deregularis (Barb. Rodr.) Luer		PROV: ch	000m: 0-1,1-2	RANGE: cr hon nic	herb
*dressleri Luer		PROV: pa	000m: 0-1	RANGE: end	herb
*dura Lindl.		PROV: ch	000m: we	RANGE: wr	herb
ellipsophylla L.O. Wms.		PROV: bo pa	000m: 0-1	RANGE: end	epiph herb
*endotrachys Rchb. f.		PROV: ch da he lo vr	000m: 0-1,1-2	RANGE: bel cag cr hon mex sal	epiph herb
eumecocaulon Schltr.		PROV: cc ch	000m: 0-1	RANGE: cr	epiph herb
*excavata Schltr.		PROV: cc	000m: 0-1	RANGE: cr	herb
*foliata Griseb.		PROV: ch da vr	000m: 0-1,1-2	RANGE: ang cr hon mex nic	epiph herb
fuegii Rchb. f.					
--var. echinata L.O. Wms.		PROV: ch	000m: 2-3	RANGE: end	epiph herb
fulgens Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
gelida Lindl.		PROV: bo ch	000m: 0-1,1-2	RANGE: ang bel cag fla hon mex nic sag	epiph herb
geminiflora Ames, Hubb. & Schweinf.		PROV: cc	000m: 0-1	RANGE: cr	epiph



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

83

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>glandulosa</i> Ames		PROV: ca lo pa	000m: 0-1	RANGE: cr gua sal	herb epiph
<i>grobyi</i> Lindl.		PROV: ca ch cn pa vr	000m: 0-1	RANGE: ang cag mex nwt sag	herb epiph
* <i>guttata</i> Luer		PROV: pa	000m: 0-1	RANGE: end	herb
* <i>harpago</i> Luer		PROV: da	000m: we	RANGE: end	herb
* <i>hemileuca</i> Luer		PROV: ch	000m: we	RANGE: wr	wh
* <i>homalanthoides</i> Schltr.		PROV: wp	000m: we	RANGE: cr	herb
<i>homolantha</i> Schltr.		PROV: cc ch sa vr	000m: 0-1	RANGE: bel cag cr hon nic sal	epiph herb
* <i>imago</i> Luer		PROV: cc pa	000m: 0-1	RANGE: end	herb
* <i>immersa</i> Linden & Rchb. f.		PROV: ch	000m: we	RANGE: gua hon nic sal	herb
* <i>imraei</i> Lindl.		PROV: ca cc ch da pa vr	000m: 0-1,1-2	RANGE: wr	herb
* <i>instar</i> Luer		PROV: ch	000m: we	RANGE: end	herb
* <i>intricata</i> Lindl.		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>isthmica</i> Luer		PROV: ch	000m: we	RANGE: end	herb
* <i>jaretiae</i> Luer		PROV: ch	000m: 1-2	RANGE: end	epiph herb
* <i>johnsonii</i> Ames		PROV: cc	000m: 0-1	RANGE: gua hon sal	herb
* <i>lappiformis</i> Heller & L.O. Wms.		PROV: cc cn pa	000m: 0-1	RANGE: nic	herb
* <i>lateralis</i> L.O. Wms.		PROV: cc	000m: 0-1	RANGE: cr	epiphyte
<i>lepidota</i> L.O. Wms.		PROV: ch	000m: 1-2	RANGE: gua	epiph herb
* <i>lewisae</i> Ames		PROV: ca pa	000m: 0-1	RANGE: gua hon nic	herb
* <i>longipedicellata</i> A. & S.		PROV: ch	000m: we	RANGE: cr	herb
* <i>loranthophylla</i> Rchb. f.		PROV: vr	000m: 0-1	RANGE: wr	herb
* <i>luctuosa</i> Rchb. f.		PROV: ch	000m: we	RANGE: nic	herb
<i>macrantha</i> L.O. Wms.		PROV: ch	000m: 1-2	RANGE: end	herb
* <i>mammillata</i> Luer		PROV: cn pa	000m: 0-1	RANGE: end	herb
* <i>membraniflora</i> C. Schweinf.		PROV: wp	000m: we	RANGE: cr	herb
* <i>memor</i> Rchb. f.		PROV: ch pa	000m: 0-1,1-2,2-3	RANGE: cr nic	epiph herb
* <i>microphylla</i> A. Rich. & Gal.		PROV: wp	000m: we	RANGE: hon nic	herb
* <i>minutipetala</i> A. & S.		PROV: wp	000m: we	RANGE: cr	herb
* <i>monocardia</i> Rchb. f.		PROV: wp	000m: we	RANGE: wr	herb
* <i>moschata</i> Rchb. f.		PROV: wp	000m: we	RANGE: wr	herb
<i>muricata</i> Schltr.		PROV: cc vr	000m: 0-1	RANGE: cag mex per?	epiph herb
* <i>mystax</i> Luer		PROV: vr	000m: 0-1	RANGE: end	herb
* <i>nitida</i> Luer		PROV: ch	000m: we	RANGE: end	herb
* <i>operculata</i> Luer		PROV: cc	000m: 0-1	RANGE: end	epiph herb
* <i>orbicularis</i> (Lindl.) Lindl.		PROV: cc	000m: 0-1	RANGE: cr nic	epiph herb
* <i>oscitans</i> Ames		PROV: cc pa	000m: 0-1	RANGE: hon nic	herb
<i>ovatilabia</i> A. & S.		PROV: ch	000m: 0-1	RANGE: cr hon	epiph herb
* <i>pallida</i> Luer		PROV: cc	000m: 0-1	RANGE: end	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*pan Luer		PROV: pa vr	000m: 0-1	RANGE: end	herb
*peculiaris Luer		PROV: vr	000m: 0-1	RANGE: end	herb
*pergrata Ames		PROV: cc	000m: 0-1	RANGE: cr	herb
*phyllocardia Rchb. f.		PROV: ch	000m: 1-2, 2-3	RANGE: cr	epiphyte
phyllocardioides Schltr.		PROV: da	000m: we	RANGE: hon nic	herb
picta Lindl.		PROV: ca ch cn pa vr	000m: 0-1	RANGE: wr	epiph herb
pittieri Schltr.		PROV: cc ch	000m: 0-1	RANGE: wr	epiph herb
*platysepala Schltr.		PROV: wp	000m: we	RANGE: col	herb
*polygonoides Griseb.		PROV: ch pa	000m: 0-1	RANGE: wr	herb
*polysticha Luer		PROV: da	000m: we	RANGE: end	herb
powellii Schltr.		PROV: ch pa	000m: 0-1, 1-2	RANGE: cr?	epiph herb
praegrans Ames		PROV: da	000m: 1-2	RANGE: end	epiph herb
pruinosa Lindl.		PROV: ch	000m: 1-2	RANGE: ang cr gui hon nic per?	epiph herb
*pubescens Lindl.		PROV: pa	000m: 0-1	RANGE: hon nic	epiphyte
racemiflora Lodd.		PROV: ch pa vr	000m: 0-1, 1-2	RANGE: ang bel cr gua hon mex	epiph herb
*ramonensis Schltr.		PROV: cc ch	000m: 0-1	RANGE: cr	epiph herb
rhodoglossa Schltr.		PROV: ch	000m: 1-2	RANGE: end	epiph herb
rowleei Ames		PROV: ch da	000m: 1-2	RANGE: cr	epiph herb
*rubellia Luer		PROV: ch	000m: we	RANGE: end	herb
ruscifolia (Jacq.) R. Br.		PROV: cc ch cn da pa vr	000m: 0-1, 1-2	RANGE: ang cr gua? sag sal?	epiph herb
*sanchoi Ames		PROV: ch	000m: we	RANGE: cr	herb
*scitula Luer		PROV: ch	000m: we	RANGE: end	herb
*sclerophylla Lindl.		PROV: ch	000m: 2-3, 3+	RANGE: cr gua mex	epiph herb
segoviensis Rchb. f.		PROV: cc ch da vr	000m: 0-1, 1-2	RANGE: cr gua hon mex nic	epiph herb
*segregatifolia A. & S.		PROV: wp	000m: we	RANGE: hon nic sal	herb
*sempergemmata Luer		PROV: ch	000m: we	RANGE: end	herb
simulans L.O. Wms.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
spectabilis A. & S.		PROV: vr	000m: 0-1	RANGE: cr	epiph herb
*tantilla Luer		PROV: cc pa	000m: 0-1	RANGE: end	herb
*telamon Luer		PROV: cc	000m: 0-1	RANGE: end	herb
*thymochilus Luer		PROV: pa	000m: 0-1	RANGE: end	herb
*titan Luer		PROV: ch	000m: we	RANGE: end	herb
*tonduzii Schltr.		PROV: ch	000m: we	RANGE: cr	herb
triangulabia C. Schweinf.		PROV: ch	000m: 1-2, 2-3	RANGE: cr	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

85

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
tribuloides (Sw.) Lindl.		PROV: ch	000m: 1-2	RANGE: ang bel cag cr gua hon mex	epiph herb
*tripterantha Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr mex	herb
*tropida Luer		PROV: cc	000m: 0-1,1-2	RANGE: end	epiph herb
tuerckheimii Schltr.		PROV: ch pa	000m: 0-1,1-2	RANGE: cag cr gua mex	epiph herb
uncinata Fawc.		PROV: cc ch	000m: 0-1,1-2	RANGE: ang cr nic	epiph herb
*vaginata Schltr.		PROV: ch	000m: 0-1	RANGE: cr	herb
velaticaulis Rchb. f.		PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: ang cr per sag? ven	epiph herb
*veraguacensis Luer		PROV: vr	000m: 0-1	RANGE: end	herb
verecunda Schltr.		PROV: ca cn	000m: 0-1	RANGE: cr	epiph herb
vittata Lindl.		PROV: cc	000m: 0-1	RANGE: cr gua hon mex ven?	epiph herb
*volcanica Luer		PROV: ch	000m: we	RANGE: end	herb
Polycycnis					
barbata (Lindl.) Rchb. f.		PROV: cc	000m: 0-1,1-2	RANGE: col cr sao ven	epiph herb
gratiosa Endres & Rchb. f.		PROV: cc pa	000m: 0-1	RANGE: wr	epiph herb
*lehmannii Rolfe		PROV: da	000m: we	RANGE: wr	herb
*musicfera (Lindl. & Paxt.) Rchb. f.		PROV: ch	000m: we	RANGE: wr	herb
*ornata Garay		PROV: da	000m: we	RANGE: ecu	herb
*tortuosa Dressler		PROV: cc	000m: 0-1	RANGE: wr	herb
Polystachya					
*foliosa (Hook.) Rchb. f.		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: ang cag mex sag?	epiph herb
masayensis Rchb. f.		PROV: ca cc ch cn	000m: 0-1	RANGE: bel cag cr gua hon mex nic	epiph herb
Ponthieva					
brenesii Schltr.		PROV: wp	000m: we	RANGE: cr	herb
ephippium Rchb. f.		PROV: ch	000m: 1-2	RANGE: gua hon mex	herb
maculata Lindl.		PROV: ch	000m: 2-3	RANGE: col cr ecu gua mex sal ven	herb
racemosa (Walt.) Mohr		PROV: cc ch pa	000m: 0-1,3+	RANGE: ang cr fla gua hon mex nag? nao nao per sag?	herb
Prescottia					
oligantha (Sw.) Lindl.		PROV: cc ch	000m: 0-1	RANGE: ang col cr fla gua mex ven	herb
stachyodes (Sw.) Lindl.		PROV: ca cc	000m: 0-1	RANGE: ang bel cag col gua hon mex sao	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

86

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*Pseudocentrum *hoffmannii Rchb. f.		PROV: bo ch	000m: we	RANGE: wr	wh
*Psilochilus *macrophyllus (Lindl.) Ames		PROV: cc ch	000m: 0-1,1-2	RANGE: gua nic	herb
*Psychmorchis *pumilio (Rchb. f.) Dodson & Dressler		PROV: ch	000m: we	RANGE: hon nic	herb
*pusilla (L.) Dodson & Dressler		PROV: bo ca cc cn da pa	000m: 0-1,1-2	RANGE: bol cag mex sag? sao trt	epiph herb
*Pterichis *costaricensis A. & S.		PROV: bo	000m: we	RANGE: cr	herb
*Reichenbachanthus *cuniculatus (Schltr.) Pabst.		PROV: cc	000m: 0-1	RANGE: wr	wh
*reflexus (Lindl.) Brade		PROV: cn pa	000m: 0-1	RANGE: cr	herb
Restrepia filamentosa A. & S.		PROV: ch	000m: 1-2	RANGE: wr	epiph herb
subserrata Schltr.		PROV: ch pa	000m: 0-1,1-2	RANGE: cr	epiph herb
xanthophthalma Rchb. f.		PROV: ch	000m: 1-2	RANGE: cr gua hon mex nic	epiph herb
*Restrepiopsis *tubulosa (Lindl.) Luer		PROV: wp	000m: we	RANGE: wr	herb
*ujarensis (Rchb. f.) Luer		PROV: ch	000m: we	RANGE: gua	herb
*viridula (Lindl.) Luer		PROV: wp	000m: we	RANGE: wr	herb
Rodriguezia compacta Schltr.		PROV: bo	000m: 0-1	RANGE: cr nic	epiph herb
*lanceolata R. & P.		PROV: ca cn pa	000m: 0-1	RANGE: col gui trt ven	epiph herb
*Rossioglossum *powellii (Schltr.) Garay & Kennedy		PROV: ch	000m: we	RANGE: wr	epiph herb
*schlieperianum (Rchb. f.) Garay & Kennedy		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
*Rudolphiella *picta (Schltr.) Hoehne		PROV: da	000m: 0-1	RANGE: col	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

87

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*Salpistele					
*brunnea Dressler		PROV: cc ch vr	000m: 0-1	RANGE: wr	herb
*lutea Dressler		PROV: ch	000m: we	RANGE: wr	herb
Sarcoglottis					
acaulis (J.E. Sm.) Schltr.		PROV: ca	000m: 0-1	RANGE: ang cag mex sag sao	herb
Scaphosepalum					
*clavellatum Luer		PROV: cn pa	000m: 0-1	RANGE: wr	herb
elasmotopus Schltr.		PROV: ca ch	000m: 0-1,1-2,2-3	RANGE: end	epiph herb
*microdactylum Rolfe		PROV: ch	000m: we	RANGE: wr	herb
*punctatum (Rolfe) Kranzl.		PROV: ch	000m: we	RANGE: wr	herb
*standleyi Ames		PROV: ch	000m: we	RANGE: gua hon	herb
*viviparum Luer		PROV: vr	000m: 0-1	RANGE: wr	herb
Scaphyglottis					
acostaei (Schltr.) C. Schweinf.		PROV: ch	000m: 1-2,2-3	RANGE: cr	epiph herb
amethystina (Rchb. f.) Schltr.		PROV: ca ch	000m: 0-1	RANGE: cr nic	epiph herb
*amparoana (Schltr.) Dressler		PROV: ch cn vr	000m: 0-1	RANGE: wr	herb
bilineata (Rchb. f.) Schltr.		PROV: ca cc	000m: 0-1	RANGE: cr	epiph herb
*brachyphlla (Rchb. f.) C. Schweinf.		PROV: ch	000m: we	RANGE: wr	herb
*gigantea Dressler		PROV: ch	000m: we	RANGE: wr	herb
*graminifolia (R. & P.) P. & E.		PROV: ca ch pa vr	000m: 0-1	RANGE: bel col cr ecu gua hon nic per ven	herb
*jimenezii Schltr.		PROV: ch	000m: we	RANGE: cr	herb
laevilabia Ames		PROV: pa	000m: 0-1	RANGE: wr	herb
lindeniana (Rich. & Gal.) L.O. Wms.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr gua mex	epiph herb
longicaulis S. Wats.		PROV: ca cn da pa sa	000m: 0-1	RANGE: col cr gua hon nic	epiph herb
mesocopis Hemsl.		PROV: ca cc ch	000m: 0-1,1-2	RANGE: cr	epiph herb
micrantha (Lindl.) Ames & Corr.		PROV: ch vr	000m: 0-1	RANGE: cag cr gua hon nic sal	epiph herb
minutiflora Ames & Corr.		PROV: cc	000m: 0-1	RANGE: bel gua hon sal	epiph herb
prolifera Cogn.		PROV: ca cc pa	000m: 0-1	RANGE: ang bol cag sao	epiph herb
*punctulata (Rchb. f.) Schweinf.		PROV: ch da pa	000m: 0-1	RANGE: wr	herb
*spathulata C. Schweinf.		PROV: cc	000m: 0-1	RANGE: wr	herb
*stenotepala (Rchb. f.) C. Schweinf.		PROV: wp	000m: we	RANGE: wr	herb
tenella L.O. Wms.		PROV: cc	000m: 0-1	RANGE: cr nic	epiph herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*Scelochilus *tuerckheimii Schltr.		PROV: ch	000m: we	RANGE: gua	wh
Schomburgkia *undulata Lindl.		PROV: cc ch	000m: 0-1	RANGE: cr ven?	epiph herb
Selenipedium chica Rchb. f.		PROV: ca pa	000m: 0-1	RANGE: end	herb
*Sepalosaccus *strumatum (Endres & Rchb. f.) Garay		PROV: ch	000m: we	RANGE: wr	herb
Sievekingia *butcheri Dressler *fimbriata Rchb. f. suavis Rchb. f.		PROV: cc PROV: cc pa PROV: ca cn	000m: 0-1 000m: 0-1 000m: 0-1	RANGE: end RANGE: pr RANGE: cr nic	herb herb epiph herb
Sigmatostalix abortiva L.O. Wms.		PROV: ca cc cn da	000m: 0-1	RANGE: end	epiph herb
*brownii Garay guatemalensis Schltr.		PROV: ch PROV: ch	000m: we 000m: 1-2	RANGE: wr RANGE: cr gua mex	herb epiph herb
hymenantha Schltr.		PROV: da vr	000m: 0-1	RANGE: cr	epiph herb
*macrobulbon Kranzl. *picta Rchb. *picturatissima Kranzl.		PROV: cc ch vr PROV: ca ch PROV: cc ch pa vr	000m: 0-1,1-2 000m: 0-1,1-2 000m: 0-1	RANGE: cr RANGE: wr RANGE: cr	epiphyte epiphyte epiph herb
Sobralia allenii L.O. Wms.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
amabilis (Rchb. f.) L.O. Wms. *atropubescens A. & S. bletiae Rchb. f. bouchei A. & S. callosa L.O. Wms. *decora Batem.		PROV: ch PROV: cc PROV: ch PROV: cc PROV: cc PROV: cc da pa	000m: we 000m: 0-1 000m: we 000m: 0-1 000m: 0-1 000m: 0-1	RANGE: cr sal RANGE: cr RANGE: wr RANGE: nic RANGE: end RANGE: bel cag gua hon nic sal	herb herb herb herb herb epiphyte
fenziana Rchb. f. fragrans Lindl.		PROV: cc ch pa PROV: ca cc ch da pa vr	000m: 0-1 000m: 0-1	RANGE: wr RANGE: bel cr gua hon	herb herb
labiata Warsc. & Rchb. f. lindleyana Rchb. f. macrophylla Rchb. f.		PROV: ch PROV: ch PROV: bo ca pa	000m: we 000m: 1-2 000m: 0-1	RANGE: wr RANGE: cr nic RANGE: wr	herb herb herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
powellii Schltr.		PROV: cc da pa	000m: 0-1	RANGE: cr	herb
suaveolens Rchb. f.		PROV: ca pa	000m: 0-1	RANGE: nic	herb
*undatocarinata C. Schweinf.		PROV: ch	000m: we	RANGE: cr	herb
valida Rolfe		PROV: da	000m: 0-1	RANGE: end	herb
warszewiczii Rchb. f.		PROV: ch	000m: 1-2	RANGE: bel nic	herb
*wercklei (Schltr.) L.O. Wms.		PROV: vr	000m: 0-1	RANGE: wr	wh
*Solenocentrum					
*costaricense Schltr.		PROV: ch	000m: we	RANGE: cr	herb
*Spathoglottis					
*plicata Blume	intr.	PROV: ca cn	000m: 0-1	RANGE: wr	herb
*Sphyrastylis					
*cryptantha (Schweinf. & Allen) Garay		PROV: cc	000m: 0-1,1-2	RANGE: wr	epiph herb
Spiranthes					
woodsonii L.O. Wms.		PROV: ch	000m: 1-2	RANGE: end	herb
Stanhopea					
*cirrhata Lindl.		PROV: ch	000m: we	RANGE: hon	herb
costaricensis Rchb. f.		PROV: wp	000m: we	RANGE: cr hon nic	epiph herb
*ecornuta Lem.		PROV: bo	000m: we	RANGE: hon nic	herb
graveolens Lindl.		PROV: ca pa	000m: 0-1	RANGE: cr gua hon mex sal	epiph herb
oculata (Lodd.) Lindl.		PROV: cc	000m: 0-1	RANGE: cag? mex sag?	epiph herb
pulla Rchb. f.		PROV: ca cc vr	000m: 0-1	RANGE: cr	epiph herb
wardii Lindl.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag? cr gua mex sag?	epiph herb
Stelis					
aemula Schltr.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr gua? hon?	epiph herb
allenii L.O. Wms.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
*aprica Lindl.		PROV: ch pa	000m: 0-1,1-2	RANGE: cag cr gua hon mex nic sal	epiph herb
*argentata Lindl.		PROV: cc da pa	000m: 0-1,1-2	RANGE: cr gua mex nic sag?	epiph herb
atrorubens L.O. Wms.		PROV: cc	000m: 0-1	RANGE: end	epiph herb
*biserrula Lindl.		PROV: cc vr	000m: 0-1	RANGE: wr	herb
*butcheri Luer		PROV: ch	000m: 2-3	RANGE: end	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
<i>collina</i> Schltr.		PROV: pa	000m: 0-1	RANGE: end	epiph herb
* <i>cooperi</i> Schltr.		PROV: ch	000m: 2-3	RANGE: cr	herb
<i>crescentiicola</i> Schltr.		PROV: ca cc cn da pa	000m: 0-1	RANGE: cr nic	epiph herb
<i>despectans</i> Schltr.		PROV: ch	000m: 2-3	RANGE: cr sal	epiph herb
* <i>dressleri</i> Luer		PROV: vr	000m: 0-1	RANGE: end	epiph herb
* <i>fimbriata</i> R.K. Baker		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>gratiosa</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
<i>inaequalis</i> Ames		PROV: pa	000m: 0-1	RANGE: hon nic	epiph herb
<i>leucopogon</i> Rchb. f.		PROV: cc ch	000m: 0-1, 1-2	RANGE: cr gua sag?	epiph herb
* <i>loculifera</i> Luer		PROV: ch	000m: 1-2	RANGE: end	epiph herb
<i>longipetiolata</i> Ames		PROV: ch	000m: 2-3	RANGE: end	epiph herb
<i>maxonii</i> Schltr.		PROV: ch	000m: 1-2, 2-3, 3+	RANGE: cr nic	epiph herb
<i>microchila</i> Schltr.		PROV: cc	000m: 0-1	RANGE: cr gua	epiph herb
<i>montana</i> L.O. Wms.		PROV: ch	000m: 2-3	RANGE: end	epiph herb
<i>panamensis</i> Schltr.		PROV: pa	000m: 0-1	RANGE: cr	epiph herb
<i>powellii</i> Schltr.		PROV: bo ch	000m: 0-1, 1-2	RANGE: cr	epiph herb
* <i>purpurea</i> (R. & P.) Willd.		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>sarcophylla</i> Luer		PROV: ch	000m: 1-2	RANGE: end	epiph herb
* <i>semperflorens</i> Luer		PROV: pa	000m: 0-1	RANGE: end	epiph herb
<i>skutchii</i> Ames		PROV: ch	000m: 1-2	RANGE: cr	epiph herb
* <i>spathulata</i> P. & E.		PROV: ch	000m: 1-2	RANGE: wr	herb
<i>storkii</i> Ames		PROV: cc pa	000m: 0-1	RANGE: cr	epiph herb
* <i>triaristata</i> Luer		PROV: pa	000m: 0-1	RANGE: wr	herb
* <i>umbelliformis</i> Hesp. & Dressler		PROV: cn pa	000m: 0-1	RANGE: wr	herb
<i>vestita</i> Ames		PROV: ch	000m: 1-2	RANGE: cr sal	epiph herb
<i>williamsii</i> Ames		PROV: da	000m: 1-2	RANGE: hon nic	epiph herb
* <i>Stellilabium</i>					
* <i>minutiflorum</i> (Kranzl.) Garay		PROV: cc ch pa	000m: 0-1	RANGE: nic	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
Stenoptera					
<i>costaricensis</i> Schltr.		PROV: ch	000m: 1-2,2-3	RANGE: cr sag?	herb
*Stenorrhynchos					
* <i>lanceolatum</i> Spr.		PROV: ca ch cn pa sa	000m: 0-1	RANGE: ang cag fla mex sag	herb
<i>navarrensis</i> Ames		PROV: bo cc ch vr	000m: 0-1,1-2,2-3	RANGE: cr sao	herb
* <i>speciosum</i> Spr.		PROV: ch da pa vr	000m: 0-1,1-2	RANGE: ang cr gua hon mex	herb
* <i>standleyi</i> Ames		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr nic sag	terr herb
*Systemoglossum					
* <i>panamense</i> Dressler & N.H. Wms.		PROV: ch pa vr	000m: 0-1,1-2	RANGE: end	herb
Telipogon					
* <i>ampliflorus</i> C. Schweinf.		PROV: wp	000m: we	RANGE: cr	herb
<i>dendriticus</i> Rchb. f.		PROV: ch	000m: 1-2	RANGE: col	epiph herb
* <i>endresianum</i> Kranzl.		PROV: ch	000m: we	RANGE: cr	herb
* <i>parvulus</i> C. Schweinf.		PROV: ch	000m: 1-2	RANGE: cr	epiphyte
<i>radiatus</i> Rchb. f.		PROV: ch	000m: 1-2	RANGE: col per	epiph herb
*Teuscheria					
* <i>pickiana</i> (Schltr.) Garay		PROV: ca ch cn	000m: 0-1	RANGE: hon nic	herb
*Trevoria					
* <i>zahbruckneriana</i> (Schltr.) Garay		PROV: vr	000m: 0-1	RANGE: nic	herb
Trichocentrum					
* <i>caloceras</i> Endres & Rchb. f.		PROV: ch	000m: we	RANGE: wr	herb
* <i>capistratum</i> Rchb. f.		PROV: ca cc cn pa	000m: 0-1	RANGE: col cr ven	epiph herb
Trichopilia					
<i>leucoxantha</i> L.O. Wms.		PROV: cc	000m: 0-1	RANGE: wr	epiph herb
<i>maculata</i> Rchb. f.		PROV: ca cc pa	000m: 0-1	RANGE: hon	epiph herb
<i>marginata</i> Henfr.		PROV: ch	000m: 1-2	RANGE: col cr gua hon nic	epiph herb
--var. <i>alba</i> Rchb. f.		PROV: ch	000m: we	RANGE: wr	epiph herb
--var. <i>lepida</i> Veitch		PROV: ch	000m: we	RANGE: wr	epiph herb
--var. <i>olivacea</i> Rchb. f.		PROV: ch	000m: we	RANGE: wr	epiph herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

92

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
suavis Lindl. & Paxt.		PROV: ch	000m: 1-2	RANGE: col cr	epiph herb
subulata (Sw.) Rchb. f.		PROV: ca cc ch pa	000m: 0-1	RANGE: col cub jam per trt	epiph herb
turalvae Rchb. f.		PROV: vr	000m: 0-1	RANGE: cr nic	epiph herb
Trigonidium					
egertonianum Lindl.		PROV: bo ca cc cn da pa vr	000m: 0-1	RANGE: bel cag col cr ecu gua hon mex nic per sal ven	epiph herb
lankesteri Ames		PROV: cc	000m: 0-1	RANGE: cr	epiph herb
Triphora					
*gentianoides (Sw.) Ames & Schltr.		PROV: ca	000m: 0-1	RANGE: cub fla gua hon mex	herb
mexicana (S. Wats.) Schltr.		PROV: ca	000m: 0-1	RANGE: gua hon mex	herb
wagneri Schltr.		PROV: ch vr	000m: 0-1	RANGE: end	herb
*Trisetella					
*dressleri (Luer) Luer		PROV: cc pa	000m: 0-1	RANGE: end	herb
*huebneri (Luer) Luer		PROV: bo vr	000m: 0-1	RANGE: wr	herb
*tenuissima (C. Schweinf.) Luer		PROV: cc	000m: 0-1	RANGE: end	epiph herb
*triaristella (Rchb. f.) Luer		PROV: vr	000m: 0-1	RANGE: wr	herb
*tridactylites (Rchb. f.) Luer		PROV: cc	000m: 0-1	RANGE: wr	epiph herb
Trizeuxis					
falcata Lindl.		PROV: ch vr	000m: 0-1	RANGE: bol cr per sao trt ven	epiph herb
*Uleiorchis					
*ulaei (Cogn.) Handro		PROV: ca	000m: 0-1	RANGE: wr	herb
Vanilla					
*pauciflora Dressler		PROV: pa	000m: 0-1	RANGE: cr?	herb
*pfaviana Rchb. f.		PROV: ch	000m: we	RANGE: bel gua hon	herb
planifolia Andr.	cult.	PROV: ca pa sa	000m: 0-1	RANGE: ang? cag mex	herb
pompona Scheide		PROV: ca	000m: 0-1	RANGE: ang bol cag ecu gui mex ven	herb
Warrea					
costaricensis Schltr.		PROV: ch	000m: 0-1	RANGE: cr gua	herb
*Warreopsis					
*parviflora (L.O. Wms.) Garay		PROV: ch	000m: 1-2	RANGE: wr	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
50 (33) ORCHIDACEAE cont.					
*Wulfschlaegelia					
*aphylla (Sw.) Rchb. f.		PROV: cc	000m: 0-1	RANGE: gua hon	herb
*calcarata Benth.		PROV: cn pa	000m: 0-1	RANGE: wr	herb
Xylobium					
*colleyi (Lindl.) Rolfe		PROV: cn	000m: 0-1	RANGE: wr	herb
elongatum (Lindl.) Hemsl.		PROV: cc ch da	000m: 0-1,1-2,2-3	RANGE: cr gua nic	epiph herb
foveatum (Lindl.) Nichols.		PROV: ca pa	000m: 0-1	RANGE: cag col gui hon jam mex nic per sag?	epiph herb
powellii Schltr.		PROV: ch	000m: 1-2	RANGE: cr nic	epiph herb
*Zootrophion					
*atropurpureum (Lindl.) Luer		PROV: cc pa	000m: 0-1	RANGE: wr	wh
51 CASUARINACEAE					
*Casuarina					
*equisetifolia L.		intr. cult. PROV: pa	000m: 0-1	RANGE: oce	tree
53 (34) PIPERACEAE					
Anderssoniopiper					
panamense Trell.		PROV: wp	000m: we	RANGE: end	shrub
Peperomia					
acuminata R. & P.		PROV: ch	000m: 1-2,2-3	RANGE: ang gua per sag sat	herb
albescens Trell.		PROV: cc	000m: 0-1	RANGE: end	herb
*amphitricha Trell.		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb
*angularis C. DC.		PROV: cc ch lo pa	000m: 0-1,1-2	RANGE: cag sat	herb
*angustata H.B.K.		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb
barbinodis Trell.		PROV: ch	000m: 1-2	RANGE: cr	herb
bifrons Trell.		PROV: ch	000m: 1-2	RANGE: end	herb
*blephariphylla Trell. & Yuncker		PROV: pa	000m: 0-1	RANGE: wr	epiph herb
brevipeduncula Trell.		PROV: da pa	000m: 0-1	RANGE: end	herb
caudulilimba C. DC.		PROV: bo ca cc da	000m: 0-1	RANGE: end	herb
--var. cylindribacca (C. DC.) Yuncker		PROV: ch	000m: 0-1	RANGE: end	herb
chiriquiensis Yuncker		PROV: ch	000m: 1-2,2-3	RANGE: end	herb
chryseri Yuncker		PROV: bo ca pa	000m: 0-1	RANGE: end	herb
*ciliaris C. DC.		PROV: cc pa	000m: 0-1,1-2	RANGE: sat	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

94

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
53 (34) PIPERACEAE cont.					
<i>ciliolibractea</i> C. DC.		PROV: ca da pa	000m: 0-1	RANGE: end	herb
<i>cocleana</i> Trel.		PROV: cc	000m: 0-1	RANGE: end	herb
<i>cordulata</i> C. DC.		PROV: ca cn	000m: 0-1	RANGE: end	epiph herb
<i>cordulatiformis</i> Trel.		PROV: ca da pa	000m: 0-1	RANGE: end	herb
* <i>costaricensis</i> C. DC.		PROV: da	000m: 0-1	RANGE: cr gua	epiph terr herb
<i>cyclophylla</i> Miq.		PROV: ca ch da pa vr	000m: 0-1	RANGE: ang bol cag cr gua per sao sat	herb
<i>davidsonii</i> Yuncker		PROV: ch	000m: 2-3	RANGE: end	herb
<i>digitinervia</i> Trel.		PROV: cc cn cn pa vr	000m: 0-1	RANGE: end	epiph herb
<i>distachya</i> (L.) A. Dietr.		PROV: bo cc pa vr	000m: 0-1,1-2	RANGE: ang cag ecu gui mex per sao ven	herb
* <i>dotana</i> Trel.		PROV: ch vr	000m: 1-2,2-3	RANGE: col cr ecu ven	herb
* <i>ebingeri</i> Yuncker		PROV: ca vr	000m: 0-1	RANGE: cr gua	herb
<i>elata</i> Schroeder		PROV: ch vr	000m: 1-2	RANGE: cr hon	herb
* <i>emarginella</i> (Sw.) C. DC.		PROV: cc da pa vr	000m: 0-1,1-2	RANGE: ang cr sat?	epiphyte
* <i>emiliana</i> C. DC.		PROV: bo da	000m: 0-1	RANGE: cag	epiph herb
<i>flexinervia</i> Yuncker		PROV: bo cc ch vr	000m: 0-1	RANGE: end	herb
* <i>galloides</i> H.B.K.		PROV: ch	000m: 1-2,2-3	RANGE: ang cag cr mex sat ven	herb
<i>glabella</i> (Sw.) A. Dietr.		PROV: ca ch cn da pa	000m: 0-1,1-2	RANGE: ang cag col cr gua sa sat? ven	herb
--var. <i>glabella</i>					
--var. <i>nervulosa</i> (C. DC.) Yuncker		PROV: ca da	000m: 0-1	RANGE: ang cag sat	herb
* <i>guapilesiana</i> Trel.		PROV: bo pa	000m: 0-1	RANGE: cr	epiph terr herb
* <i>hernandiifolia</i> (Vahl) A. Dietr.		PROV: cc ch da vr	000m: 0-1,1-2	RANGE: ang cag col cr mex sao	epiph climb herb
<i>hispidula</i> (Sw.) A. Dietr.		PROV: ch	000m: 1-2	RANGE: ang cag cr gua sao sat ven	herb
* <i>hoffmannii</i> C. DC.		PROV: ch	000m: 0-1,1-2	RANGE: cr gua sao	herb
<i>hygrophiloides</i> C. DC.		PROV: ch	000m: 1-2	RANGE: end	epiph herb
<i>insueta</i> Trel.		PROV: ca cc cn da pa sa	000m: 0-1	RANGE: end	herb
<i>killipi</i> Trel.		PROV: ca ch cn da lo pa	000m: 0-1	RANGE: end	herb
* <i>lanceolato-peltata</i> C. DC.		PROV: cc lo pa	000m: 0-1,1-2	RANGE: cag sat ven	epiph herb
* <i>lancifolia</i> Hook.		PROV: da pa vr	000m: 0-1,1-2	RANGE: col cr ecu gui mex per sao sat ven	herb
* <i>lancifolioidea</i> Burger		PROV: cc cn pa	000m: 0-1	RANGE: cr	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
53 (34) PIPERACEAE cont.					
*laxiflora H.B.K.		PROV: da	000m: 0-1	RANGE: wr	herb
machaerodonta Trel.		PROV: ch	000m: 1-2	RANGE: end	epiph herb
*macrostachya (Vahl) A. Dietr.		PROV: bo ca ch cn da pa vr	000m: 0-1	RANGE: cr gui mex sag sao	herb
maculosa (L.) Hook.		PROV: ca ch da pa	000m: 0-1,1-2	RANGE: ang cr sat?	herb
magnoliaefolia (Jacq.) A. Dietr.		PROV: bo ca	000m: 0-1	RANGE: ang cag col sag	herb
mameiana Schroeder		PROV: ca cc ch cn da lo pa vr	000m: 0-1	RANGE: cr	herb
nievecitana Trel.		PROV: bo vr	000m: 0-1	RANGE: end	epiph herb
obscurifolia C. DC.		PROV: ca cc ch cn da	000m: 0-1,1-2,2-3	RANGE: end	herb
obtusifolia (L.) A. Dietr.					
--var. emarginata (R. & P.) Dahlst.		PROV: ca vr	000m: 0-1	RANGE: ang cag sat	herb
--var. longibracteata Yuncker		PROV: cc	000m: 0-1	RANGE: cag sat	herb
--var. obtusifolia		PROV: bo ca cc ch da pa vr	000m: 0-1,1-2,2-3	RANGE: ang cag mex sag	herb
*oerstedii C. DC.		PROV: cc pa vr	000m: 0-1	RANGE: cr	herb
*olivacea C. DC.		PROV: wp	000m: 1-2	RANGE: cr	herb
*omnicola C. DC.		PROV: bo ch vr	000m: 1-2	RANGE: cr ecu gua ven	herb
palmana C. DC.		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb
panamensis C. DC.		PROV: ca cc da pa vr	000m: 0-1	RANGE: col cr ecu nag? trt ven	epiphyte
pellucida (L.) H.B.K.		PROV: bo ca cn da lo pa sa	000m: 0-1,1-2,2-3	RANGE: ang cag cr mex nag? oce owg? sat?	herb
*pereskiaefolia (Jacq.) H.B.K.		PROV: ca cc pa	000m: 0-1	RANGE: col cr nic ven	epiph herb
perglandulosa Yuncker		PROV: cc pa	000m: 0-1,1-2	RANGE: end	epiph herb
pernambucensis Miq.		PROV: bo ca cc cn da pa vr	000m: 0-1,1-2	RANGE: cag? col cr gui sag?	herb
*philipsonii Yuncker					
*--var. panamensis Yuncker		PROV: pa	000m: 0-1	RANGE: wr	herb
*poasana C. DC.		PROV: ca cc ch pa vr	000m: 0-1,1-2	RANGE: cr	epiph herb
portobellensis Beurl.		PROV: cn	000m: 0-1	RANGE: end	herb
pseudo-dependens C. DC.		PROV: pa vr	000m: 0-1	RANGE: col cr ven	herb
quadrangularis (Thomps.) A. Dietr.					
quadrifolia (L.) H.B.K.		PROV: da ch da	000m: 0-1 000m: 1-2,2-3	RANGE: ang sag RANGE: ang cag col cr mex sat? ven	herb herb
quaternata Miq.		PROV: ch	000m: 1-2	RANGE: wr	herb
*reptabunda Trel.		PROV: ca ch da	000m: 0-1,1-2	RANGE: cr	herb
*rhexiaefolia C. DC.		PROV: wp	000m: we	RANGE: col cr gua ven	epiph herb
rotundifolia (L.) H.B.K.		PROV: bo ca cc ch cn da lo pa vr	000m: 0-1,1-2	RANGE: cr nwg	herb
*saligna H.B.K.		PROV: ch	000m: 2-3	RANGE: cag col cr ecu sat ven	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
53 (34) PIPERACEAE cont.					
seemanniana Miq.		PROV: ch	000m: 1-2	RANGE: cr gua	herb
serpens (Sw.) Loud.		PROV: bo ca da pa	000m: 0-1	RANGE: ang per sag? sao	herb
substriata G. DC.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	herb
*syringifolia C. DC.		PROV: ch vr	000m: 0-1,3+	RANGE: cr	epiphyte
*tenellaeformis Trel.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr	epiph herb
*tetraphylla (G. Forst.) Hook. & Arn.		PROV: ca ch da	000m: 0-1,1-2,2-3	RANGE: ang cag mex sag wdt	epiph herb
*tsakiana C. DC.		PROV: cc vr	000m: 0-1,1-2	RANGE: cr	epiphyte
umbrigaudens Yuncker		PROV: cn da pa	000m: 0-1	RANGE: end	herb
urocarpoides C. DC.		PROV: bo cc cn da	000m: 0-1	RANGE: end	herb
valliculae Trel.		PROV: cc	000m: 0-1	RANGE: end	herb
wedelii Yuncker		PROV: bo cc cn	000m: 0-1	RANGE: end	epiph herb
Piper					
aduncum L.		PROV: bo ca cc ch cn da he lo pa vr	000m: 0-1,1-2	RANGE: ang cag sat? ven	shrub tree
--var. brachyarthrum (Trel.) Yuncker		PROV: ca cc ch vr	000m: 0-1,1-2	RANGE: ang cag sag? ven	shrub
aequale Vahl		PROV: bo ca cc ch cn da lo pa vr	000m: 0-1,1-2	RANGE: ang cr hon sag sao ven	shrub
--var. laurifolium (Trel.) Yuncker		PROV: da	000m: 0-1	RANGE: end	shrub
albopunctulatifolium Trel.		PROV: cc	000m: 0-1	RANGE: end	shrub
*amalago L.		PROV: ca ch da pa	000m: 0-1,1-2	RANGE: ang cag sag ven	shrub tree
arboreum Aubl.		PROV: ca cc ch cn da lo pa sa	000m: 0-1,1-2	RANGE: ang cag cr gua	shrub tree
--var. falcifolium (Trel.) Yuncker		PROV: ch pa	000m: 0-1,1-2	RANGE: ang sag?	shrub
--var. hirtellum Yuncker		PROV: ca ch pa	000m: 0-1	RANGE: gui sag? sao ven	herb
*arieianum C. DC.		PROV: bo ca cc cn da he pa sa	000m: 0-1	RANGE: col cr nic trt trt ven	shrub tree
aristolochiaefolium (Trel.) Yuncker		PROV: ca	000m: 0-1	RANGE: end	shrub
augustum Rudge		PROV: bo ca cc ch cn da pa vr	000m: 0-1,1-2	RANGE: col cr gui sat ven	shrub
--var. cocleanum (Trel.) Yuncker		PROV: ca cc ch da	000m: 0-1,1-2	RANGE: end	shrub
auritum H.B.K.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: ang cag mex sat?	tree
*biauratum C. DC.		PROV: bo ch da pa vr	000m: 0-1,1-2	RANGE: cr	shrub
*biolleyi C. DC.		PROV: bo	000m: 0-1	RANGE: cr nic	shrub treelet
*bisasperatum Trel.		PROV: ch vr	000m: 0-1,1-2	RANGE: cr	shrub
bogotense C. DC.		PROV: wp	000m: we	RANGE: sag?	shrub tree
*boquetense Yuncker		PROV: ch	000m: 1-2	RANGE: end	shrub
*bredemeyeri Jacq.		PROV: ch	000m: 1-2	RANGE: col cr hon ven	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
53 (34) PIPERACEAE cont.					
campanum Yuncker		PROV: cc cn pa	000m: 0-1	RANGE: end	shrub
*canaense Standl.		PROV: bo cc cn da pa vr	000m: 0-1,1-2	RANGE: col	shrub
*carpinteranum C. DC.		PROV: ch	000m: 1-2	RANGE: cr	herb shrub
carrilloanum C. DC.		PROV: bo ca ch cn da pa	000m: 0-1,1-2	RANGE: col cr ecu nic	shrub
catalense Trel.		PROV: cn	000m: 0-1	RANGE: end	shrub
changuinolanum Trel.		PROV: bo	000m: 0-1	RANGE: end	shrub
*chrysostachyum C. DC.		PROV: ch vr	000m: 0-1,1-2	RANGE: cr	shrub
*coilostachum C. DC.		PROV: ch	000m: 0-1	RANGE: wr	shrub
colon-insulae Trel.		PROV: bo	000m: 0-1	RANGE: end	shrub
colonense C. DC.		PROV: ca ch cn pa sa	000m: 0-1,1-2	RANGE: cr	shrub
*concepcionis Trel.		PROV: da pa vr	000m: 0-1	RANGE: cr ecu	shrub
cooperi Yuncker		PROV: bo	000m: 0-1	RANGE: end	shrub tree
cordulatum C. DC.		PROV: ca cn pa vr	000m: 0-1,1-2	RANGE: end	shrub tree
*crassinervium H.B.K.					
*--var. crassinervium		PROV: ch	000m: 1-2	RANGE: col cr per sao ven	shrub tree
crassispicatum Opiz		PROV: wp	000m: we	RANGE: end	shrub?
culebranum C. DC.		PROV: ca cn pa	000m: 0-1	RANGE: cr	shrub
*curtispicum C. DC.		PROV: cc cn da pa vr	000m: 0-1	RANGE: cr	shrub herb
*daguanum C. DC.		PROV: cc cn da vr	000m: 0-1	RANGE: wr	shrub
darienense C. DC.		PROV: bo ca ch da pa sa	000m: 0-1	RANGE: col cr nic ven	shrub
davidsonii Yuncker		PROV: ch	000m: 1-2	RANGE: end	shrub
dilatatum Rich.		PROV: ca cc ch cn da lo pa	000m: 0-1	RANGE: ang cr gui mex sag sao trt	shrub
distigmatum Yuncker		PROV: ch	000m: 1-2	RANGE: end	shrub? tree
*dryadum C. DC.		PROV: cc da vr	000m: 0-1	RANGE: cr	shrub climber
*dukei C. DC.		PROV: bo cc cn pa vr	000m: 0-1	RANGE: col cr	shrub
*enganyanum Trel. & Yuncker		PROV: ch vr	000m: 0-1	RANGE: wr	subshrub
*epigynium C. DC.		PROV: cc	000m: 0-1	RANGE: cr	shrub treelet
erubescenspicum Trel.		PROV: bo	000m: 0-1	RANGE: end	shrub
exiguicaule Yuncker		PROV: bo pa vr	000m: 0-1	RANGE: wr	shrub
*fimbriulatum C. DC.		PROV: cc	000m: 0-1	RANGE: cr	shrub
*flagelliscuspe Trel. & Yuncker		PROV: pa	000m: 0-1	RANGE: wr	climber shrub
*friedrichsthallii C. DC.		PROV: bo ca cc ch cn lo vr	000m: 0-1,1-2	RANGE: cr	shrub
garaganum C. DC.		PROV: ca cc cn da pa vr	000m: 0-1	RANGE: cr nic	shrub
*glabrescens (Miq.) C. DC.		PROV: bo ch da vr	000m: 0-1,1-2	RANGE: ang cr ecu gua nic	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

98

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
53 (34) PIPERACEAE cont.					
gonocarpum Trell.		PROV: ca	000m: 0-1	RANGE: end	shrub
grande Vahl		PROV: ca cc ch cn da lo pa sa vr	000m: 0-1	RANGE: col col cr nic ven	shrub tree
hartwegianum (Benth.) C. DC.		PROV: wp	000m: we	RANGE: col	shrub tree
*haughtii Trell. & Yuncker		PROV: cc	000m: 0-1,1-2	RANGE: wr	treelet
*hebetifolium Burger		PROV: vr	000m: 0-1	RANGE: wr	shrub
*heterotrichum C. DC.		PROV: da	000m: 1-2	RANGE: wr	shrub
hirtellipetiolum C. DC.					
--var. harveyanum (Trell.) Yuncker		PROV: bo ca cc ch pa	000m: 0-1,1-2	RANGE: end	shrub
--var. hirtellipetiolum		PROV: bo ca ch da pa	000m: 0-1	RANGE: end	shrub
--var. tapianum (Trell.) Yuncker		PROV: pa	000m: 0-1	RANGE: end	shrub
hispidum Sw.					
--var. ellipticifolium Yuncker		PROV: cc	000m: 0-1	RANGE: end	shrub
--var. hispidum		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag cr sag ven	shrub
--var. trachydermum (Trell.) Yuncker		PROV: ca cc cn pa	000m: 0-1	RANGE: ang cag sag	shrub
humorigaudens Trell.		PROV: cc	000m: 0-1	RANGE: end	shrub
imperiale (Miq.) C. DC.		PROV: ca cc ch cn da pa sa	000m: 0-1,1-2	RANGE: cr	shrub tree
infraluteum Trell.		PROV: wp	000m: we	RANGE: end	shrub
*jacquemontianum Kunth		PROV: bo ca cn	000m: 0-1	RANGE: cr his mex pr	shrub
*lacunosum H.B.K.		PROV: ch	000m: 2-3	RANGE: col cr	shrub tree
*lanceaefolium H.B.K.		PROV: ch	000m: 1-2,2-3	RANGE: col cr ecu	shrub
latibracteum C. DC.		PROV: da	000m: 0-1,1-2	RANGE: wr	shrub
leptocladum C. DC.		PROV: ca cn pa	000m: 0-1	RANGE: cr	shrub
*littorale C. DC.		PROV: bo cn	000m: 0-1	RANGE: cc cr	shrub
lucigaudens C. DC.		PROV: bo ca cc ch vr	000m: 0-1,2-3	RANGE: end	shrub tree
--var. allenii (Trell.) Yuncker		PROV: da	000m: 0-1	RANGE: end	tree
magnantherum C. DC.		PROV: da	000m: 0-1	RANGE: end	shrub?
marginatum Jacq.					
--var. anisatum (H.B.K.) C. DC.		PROV: ch da pa	000m: 0-1	RANGE: ang cag sag?	shrub
--var. catalpaefolium (H.B.K.) C. DC.		PROV: ca da pa	000m: 0-1	RANGE: ang cag sag?	shrub
--var. clausum Yuncker		PROV: ca pa	000m: 0-1	RANGE: wr	herb
--var. marginatum		PROV: ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: ang cag ecu sag? sao	shrub tree
maxonii C. DC.		PROV: ch	000m: 1-2	RANGE: cr	shrub tree
--var. varium (Trell.) Yuncker		PROV: ch	000m: 1-2	RANGE: end	shrub
minute-scabiosum Trell.		PROV: cc cn vr	000m: 0-1	RANGE: end	shrub tree
*multiplinervium C. DC.		PROV: ca da pa vr	000m: 0-1,1-2	RANGE: col cr ven	climber shrub
*munchanum C. DC.		PROV: da	000m: 0-1	RANGE: ven	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
53 (34) PIPERACEAE cont.					
*nudifolium C. DC.		PROV: bo co ch cn da pa sa	000m: 0-1, 1-2	RANGE: col or nic	herb subshrub
*obliquum R. & P.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1, 1-2, 2-3	RANGE: cr gua gui pr	shrub tree
*otophorum C. DC.		PROV: ca cn da pa sa	000m: 0-1	RANGE: cr	shrub
*ottoniaefolium C. DC.		PROV: cn da pa vr	000m: 0-1, 1-2	RANGE: col	shrub
*parmatum Dressler		PROV: cn	000m: 0-1	RANGE: end	herb
peracuminatum C. DC.		PROV: bo ca cc ch da pa vr	000m: 0-1	RANGE: cr	shrub tree
perbrevicaulis Yuncker					
- var. perbrevicaulis		PROV: bo vr	000m: 0-1	RANGE: end	subshrub
- var. subglaberrimum Yuncker		PROV: bo	000m: 0-1	RANGE: end	subshrub
perlasense Yuncker		PROV: ca da pa	000m: 0-1	RANGE: end	shrub
persubulatum C. DC.		PROV: cn	000m: 0-1	RANGE: end	shrub
peruligerum Trell.		PROV: bo	000m: 0-1	RANGE: end	shrub
pervelutinum Trell.		PROV: vp	000m: ve	RANGE: vr	shrub?
pervenosum C. DC.		PROV: sa	000m: 0-1	RANGE: end	shrub
phytolaccaefolium Opiz		PROV: bo co ch da pa	000m: 0-1, 1-2	RANGE: col cr ecu	shrub
pinoganense Trell.		PROV: ca ch da la	000m: 0-1	RANGE: end	shrub tree
pittieri C. DC.		PROV: bo co cn	000m: 0-1, 1-2, 2-3	RANGE: cr	shrub
*posanum C. DC.		PROV: ch	000m: 1-2, 2-3	RANGE: cr	shrub
pseudocastaliense Trell.		PROV: cn	000m: 0-1	RANGE: end	shrub
*pseudofulgineum C. DC.		PROV: ca co ch cn da pa sa vr	000m: 0-1, 1-2, 3+	RANGE: cag cr mex sag? ven	shrub
pseudoparagaranum Trell.		PROV: ca co cn da pa	000m: 0-1	RANGE: end	shrub
pubistipulum C. DC.		PROV: ca co cn pa	000m: 0-1	RANGE: end	shrub
reptabundum C. DC.		PROV: bo	000m: 0-1	RANGE: cr	shrub
reticulatum L.		PROV: bo ca co ch cn da pa sa	000m: 0-1	RANGE: ang cag col ecu per sag seo ven	shrub tree
*riparense C. DC.		PROV: co ch pa vr	000m: 0-1, 1-2	RANGE: cr nic	shrub
sambuanum C. DC.		PROV: da	000m: 0-1	RANGE: end	shrub?
*sancti-felicis Trell.		PROV: bo ca co ch cn da pa vr	000m: 0-1	RANGE: ang cr hon	shrub
*scensum Trell. & Yuncker		PROV: da sa	000m: 0-1	RANGE: col	shrub
*scutellinum C. DC.		PROV: vr	000m: 0-1	RANGE: vr	shrub
septulinervium (Miq.) C. DC.		PROV: cn	000m: 0-1	RANGE: end	shrub?
- var. subgubbinervium Yuncker		PROV: vp	000m: ve	RANGE: end	shrub
*setosum Trell. & Yuncker		PROV: da	000m: 1-2	RANGE: col	shrub
*silvavagum C. DC.		PROV: bo	000m: 0-1	RANGE: cr	shrub
*sinugaudens C. DC.		PROV: vr	000m: 0-1	RANGE: vr	shrub
*sternii Yuncker		PROV: ca da	000m: 0-1, 1-2	RANGE: sat	tree shrub
stevensii Trell.		PROV: ca	000m: 0-1	RANGE: end	shrub?
storkii Trell.		PROV: bo	000m: 0-1	RANGE: end	shrub?
subcaudatum Trell.		PROV: bo da vr	000m: 0-1	RANGE: end	shrub?
*subpedale Trell. & Yuncker		PROV: pa vr	000m: 0-1	RANGE: vr	shrub
subquinquerve Trell.		PROV: bo	000m: 0-1	RANGE: end	shrub?
subrepens Trell.		PROV: co	000m: 0-1	RANGE: end	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

100

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
53 (34) PIPERACEAE cont.					
tecumense Trel.		PROV: pa	000m: 0-1	RANGE: end	shrub
tenuimucronatum C. DC.		PROV: ch	000m: 1-2	RANGE: cr	shrub
*terrabanum C. DC.		PROV: bo pa sa vr	000m: 0-1	RANGE: cr	shrub
--var. retrohirsutum (Yuncker) D'Arcy		PROV: bo	000m: 0-1	RANGE: end	herb
*tricuspe (Miq.) C. DC. cult.		PROV: da	000m: 0-1	RANGE: wr	shrub
*trigonum C. DC.		PROV: bo cc cn da sa vr	000m: 0-1, 1-2	RANGE: col cr	shrub
tuberculatum Jacq.		PROV: ca cc ch cn da lo pa sa	000m: 0-1	RANGE: ang cag cr mex per sao sat	shrub tree
--var. minus C. DC.		PROV: ca cc	000m: 0-1	RANGE: ang cag sat	shrub
*umbricola C. DC.		PROV: ch	000m: 2-3	RANGE: cr	shrub
*urostachyum Hemsl.		PROV: bo cc da sa	000m: 0-1	RANGE: cr nic	shrub
variitrichum Yuncker		PROV: da	000m: 0-1	RANGE: end	shrub
veraguense C. DC.		PROV: wp	000m: 0-1	RANGE: col cr ecu ven	shrub tree?
via-chicoense Yuncker		PROV: ca da pa	000m: 0-1	RANGE: end	shrub?
villiramulum C. DC.		PROV: ca da pa	000m: 0-1	RANGE: wr	shrub
--var. gamboanum (C. DC.) Trel.		PROV: bo ca ch cn da lo pa sa	000m: 0-1	RANGE: cr nic	shrub tree
--var. villiramulum					
*virgulatorum C. DC.		PROV: wp	000m: 0-1	RANGE: cr	shrub
viridicaule Trel.		PROV: ca	000m: 0-1	RANGE: end	shrub
wagneri C. DC.		PROV: ch	000m: 1-2	RANGE: end	shrub
*xanthostachyum C. DC.		PROV: bo ch da pa	000m: 0-1, 1-2, 2-3	RANGE: cr	climb shrub
*yucatanense C. DC.		PROV: bo ca pa	000m: 0-1	RANGE: cag mex	shrub
Pothomorphe					
peltata (L.) Miq.		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1, 1-2	RANGE: ang cag cr nwt per sao sat	shrub subshrub
umbellata (L.) Miq.		PROV: cc ch pa vr	000m: 0-1, 1-2	RANGE: ang bol cag cr mex per sao sat	shrub
Sarcorrhachis					
naranjoana (C. DC.) Trel.		PROV: cc ch da pa	000m: 0-1, 1-2	RANGE: cr ecu	climb shrub
*Trianaeopiper					
*confertinodum Trel. & Yuncker		PROV: vr	000m: 0-1	RANGE: wr	shrub
54 (35) CHLORANTHACEAE					
Hedyosmum					
*bonplandianum H.B.K.		PROV: bo cc ch pa	000m: 0-1, 1-2	RANGE: col cr nic	tree
brenesii Standl.		PROV: bo ch da	000m: 0-1, 1-2	RANGE: cr hon nic	shrub
*burgerianum D'Arcy & Liesner		PROV: ch	000m: 1-2	RANGE: end	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

101

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
54 (35) CHLORANTHACEAE cont.					
*correanum D'Arcy & Liesner		PROV: ch	000m: 1-2	RANGE: end	shrub tree
*costaricense Wood		PROV: ch vr	000m: 1-2,2-3	RANGE: cr	shrub
*gentryi D'Arcy & Liesner		PROV: da	000m: 1-2	RANGE: col ven	tree
*goudotianum		PROV: ch	000m: 1-2,2-3	RANGE: cr nic sat	shrub
*mexicanum Cord.		PROV: ch	000m: 2-3	RANGE: cag mex	shrub
scaberrimum Standl.		PROV: cc sa	000m: 0-1	RANGE: col cr nic	shrub tree
55 (36) LACISTEMATACEAE					
Lacistema					
aggregatum (Berg) Rusby		PROV: bo ca cc cn da he lo pa vr	000m: 0-1	RANGE: ang bol cag? mex per sag? sao	shrub tree
Lozania					
*mustisiana R. & S.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub tree
*pittieri (Blake) L.B. Sm.		PROV: bo ca cn pa sa vr	000m: 0-1,1-2	RANGE: col cr mex ven	shrub tree
56 (37) SALICACEAE					
Salix					
humboldtiana Willd.		PROV: ch	000m: 1-2	RANGE: cag mex sag	shrub tree
57 (38) MYRICACEAE					
Myrica					
*cerifera L.		PROV: ch	000m: 2-3	RANGE: fla mex nas	tree
mexicana Willd.		PROV: cc pa	000m: 0-1	RANGE: cag mex	tree
60 (39) JUGLANDACEAE					
Alfaroa					
costaricensis Standl.		PROV: ch vr	000m: 1-2	RANGE: cr gua mex	shrub tree
*williamsii A. Molina		PROV: ch	000m: 1-2	RANGE: cr	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

102

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
60 (39) JUGLANDACEAE cont.					
*Oreomunnea *mexicana (Standl.) Leroy		PROV: cc ch	000m: 0-1,1-2	RANGE: gua mex nic	shrub tree
61 (40) BETULACEAE					
Ainus *acuminata H.B.K.		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree
62 (41) FAGACEAE					
Quercus					
copeyensis C.H. Mull.		PROV: ch	000m: 2-3	RANGE: cr	tree
corrugata Hook.		PROV: ch	000m: 2-3	RANGE: cag? cr mex	tree
davidsoniae Standl.		PROV: ch	000m: 1-2	RANGE: cr	tree
guelmi-treleasei C.H. Mull.		PROV: ch	000m: 1-2	RANGE: cr	tree
humboldtii Bonpl.		PROV: da	000m: 1-2	RANGE: col	tree
*insignis Mart. & Gal.		PROV: ch	000m: 1-2	RANGE: cr	tree
oocarpa Liebm.		PROV: ch	000m: 1-2	RANGE: cag? mex	tree
*pilarius Trel.		PROV: ch	000m: 1-2	RANGE: cr mex	tree
*rapurahuensis Trel.		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree
seemannii Liebm.		PROV: ch	000m: 2-3	RANGE: cr	tree
seibertii C.H. Mull.		PROV: ch	000m: 1-2	RANGE: cr	tree
63 (42) ULMACEAE					
Ampelocera					
*edentula Kuhl.		PROV: cn	000m: 0-1	RANGE: bol ven	tree
hottlei (Standl.) Standl.		PROV: cn da pa sa	000m: 0-1	RANGE: cag	tree
Celtis					
iguanaeus (Jacq.) Sarg.		PROV: ca da pa	000m: 0-1	RANGE: ang cag? mex sag? sao	shrub tree
*schippii Standl.		PROV: ca	000m: 0-1	RANGE: ecu	tree
Lozanella					
enantiophylla (J.D. Sm.) Killip & Mort.		PROV: ch	000m: 1-2	RANGE: cag? mex per sag?	tree
Trema					
micrantha (L.) Blume		PROV: bo ca cc ch cn da he pa sa vr	000m: 0-1,1-2,2-3	RANGE: cag nwt sat	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
63 (42) ULMACEAE cont.					
<i>Ulmus mexicana</i> (Liebm.) Planch.		PROV: ch	000m: 1-2	RANGE: cag mex	tree
64 (43) MORACEAE					
<b>*Artocarpus</b>					
<i>*altilis</i> (Park.) Fosb.	cult.	PROV: ca	000m: 0-1	RANGE: oce	tree
<i>*tonkinensis</i> R. Chev.	intr.	PROV: ca	000m: 0-1	RANGE: asi	tree
<b>Batocarpus</b>					
<i>*costaricensis</i> Standl. & L.O. Wms.		PROV: da	000m: 0-1	RANGE: cr	tree
<i>orinocensis</i> Karst.		PROV: bo	000m: 0-1	RANGE: col per	tree
<b>Brosimum</b>					
<i>alicastrum</i> Sw.		PROV: bo ca ch da lo pa	000m: 0-1	RANGE: cag? cub ecu jam mex sag?	tree
<i>*--subsp. boliviensis</i> (Pitt.) C. Berg					
		PROV: ca ch da lo pa	000m: 0-1	RANGE: cr gui sao sat	tree
<i>bernadetteae</i> Woods.		PROV: ca da pa	000m: 0-1	RANGE: end	tree
<i>costaricanum</i> Liebm.		PROV: ca ch	000m: 0-1	RANGE: cr	tree
<i>guianense</i> (Aubl.) Huber		PROV: bo cn da pa sa	000m: 0-1	RANGE: bel cag? ven	tree
<i>*lactescens</i> (S. Moore) Berg		PROV: bo	000m: 0-1	RANGE: bel bol per sao ven	tree
<i>*rubescens</i> Taub.		PROV: cc cn pa sa	000m: 0-1	RANGE: col per sao	tree
<i>terrabanum</i> Pitt.		PROV: bo	000m: 0-1	RANGE: cr gua? sal?	tree
<i>utile</i> (H.B.K.) Pitt.		PROV: sa	000m: 0-1	RANGE: col cr	tree
<b>*Cannabis</b>					
<i>*sativa</i> L.	intr. cult.	PROV: ch	000m: 1-2	RANGE: wdw	herb
<b>Castilla</b>					
<i>elastica</i> Cerv.		PROV: bo ca cc da pa	000m: 0-1	RANGE: cag? col ecu mex	tree
<i>*--var. costaricana</i> (Liebm.) C. Berg					
		PROV: ca	000m: 0-1	RANGE: cr	tree
<i>tunu</i> Hemsl.		PROV: da sa	000m: 0-1	RANGE: bel cag?	tree
<b>Cecropia</b>					
<i>*garciae</i> Standl.		PROV: cn pa	000m: 0-1, 1-2	RANGE: sat	tree
<i>*hispidissima</i> Cuatr.		PROV: cn pa	000m: 0-1	RANGE: wr	tree
<i>*insignis</i> Liebm.		PROV: bo ca lo pa	000m: 0-1	RANGE: col col cr cr nic	tree
<i>longipes</i> Pitt.		PROV: ca da pa	000m: 0-1	RANGE: end	tree
<i>maxonii</i> Pitt.		PROV: ch	000m: 1-2	RANGE: end	tree
<i>obtusifolia</i> Bertol.		PROV: bo ca cn da da lo pa vr	000m: 0-1	RANGE: cag? mex sag?	tree
<i>peltata</i> L.		PROV: ca cn da lo pa sa vr	000m: 0-1	RANGE: cag? gag mex sag?	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
64 (43) MORACEAE cont.					
*scutata Cuatr.		PROV: pa vr	000m: 0-1	RANGE: wr	tree
Chlorophora tinctoria (L.) Gaud.		PROV: ca ch da he lo pa	000m: 0-1	RANGE: ang cag? mex sag? sao	tree
Clarisia					
*biflora R. & P.		PROV: cc ch cn pa	000m: 0-1	RANGE: col cr mex per	tree
*racemosa R. & P.		PROV: ch	000m: 0-1	RANGE: gui per	shrub
Coussapoa					
*asperifolia Trecul					
*--subsp. magnifolia (Trecul) Akkermans & Berg		PROV: ca	000m: 0-1	RANGE: per sag? sao	tree
brevipes Pitt.		PROV: pa sa	000m: 0-1	RANGE: end	epiph shrub
*crassivenosa Mildbr.		PROV: pa	000m: 0-1	RANGE: bol ecu	tree
*echinata Akkermans & Berg		PROV: pa	000m: 0-1	RANGE: wr	hemiep tree
*glaberrima Burger		PROV: sa	000m: 0-1	RANGE: wr	wh
*ovalifolia Turcz.		PROV: da	000m: 1-2	RANGE: wr	tree
panamensis Pitt.		PROV: bo ca cn pa	000m: 0-1	RANGE: cag? mex sag?	tree
*parviceps Standl.		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: wr	epiph tree
*villosa P. & E.		PROV: ca	000m: 0-1	RANGE: cr hon	epiph shrub tree
Dorstenia					
contrajerva L.		PROV: bo ca cc da pa	000m: 0-1,1-2	RANGE: ang cag? mex sag?	herb
*panamensis C. Berg		PROV: cn	000m: 0-1	RANGE: wr	herb
Ficus					
americana Aubl.		PROV: ca cn he pa vr	000m: 0-1,1-2	RANGE: ecu hon lag per	epiph tree
*benghalensis L.	cult.	PROV: ca	000m: 0-1	RANGE: owt	tree
*benjamina L.	cult.	PROV: ca	000m: 0-1	RANGE: owt	tree
bullenei I.M. Johnst.		PROV: ca da pa	000m: 0-1	RANGE: cr	tree
*cervantesiana Standl. & L.O. Wms.		PROV: cn	000m: 0-1	RANGE: cr	climber
citrifolia Mill.		PROV: ca da pa	000m: 0-1,1-2	RANGE: ang? cag? col fla gag gui hon sag? sao ven	tree
*colubrinae Standl.		PROV: bo ca cc cn da pa sa vr	000m: 0-1,1-2	RANGE: bel gua	hemiep tree
*coronaria King	cult.	PROV: ca	000m: 0-1	RANGE: owt	tree
costaricana (Liebm.) Miq.		PROV: ca ch	000m: 0-1	RANGE: cag? cr gua	tree
davidsoniae Standl.		PROV: cc ch	000m: 0-1	RANGE: cag? sal	tree
dendrocida H.B.K.		PROV: pa	000m: 0-1	RANGE: col	tree
*dugandii Standl.		PROV: ca cc cn	000m: 0-1	RANGE: col cr ven	hemiep tree
*elastica Hornem.	intr. cult.	PROV: ca	000m: 0-1	RANGE: owt	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
64 (43) MORACEAE cont.					
eximia Spr.		PROV: cc	000m: 0-1	RANGE: wr	tree
glabrata H.B.K.		PROV: ca	000m: 0-1	RANGE: cag	tree
hartwegii (Miq.) Miq.		PROV: bo ca cc	000m: 0-1	RANGE: col gua	tree
insipida Willd.		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: cag mex sag? sao	tree
*lutea Vahl	cult.	PROV: ca	000m: 0-1	RANGE: afr	tree
macbridei Standl.		PROV: bo cn	000m: 0-1	RANGE: cr per sat	tree
maxima Mill.		PROV: bo ca cc pa	000m: 0-1	RANGE: cag? cub jam mex sag?	tree
*microcarpa L. f.		PROV: ca cc	000m: 0-1	RANGE: sat	tree
nymphaeaeifolia Mill.		PROV: ca cn da vr	000m: 0-1	RANGE: col cr sag? sao trt ven	tree
obtusifolia H.B.K.		PROV: ca sa vr	000m: 0-1,1-2	RANGE: cag? col cr gua mex per sag?	tree
*oerstediana (Miq.) Miq.		PROV: cc cn da pa	000m: 0-1	RANGE: hon	tree
paraensis (Miq.) Miq.		PROV: ca cn da pa	000m: 0-1	RANGE: cag? mex per sag? sao	shrub tree
perforata L.		PROV: ca cc ch da lo pa vr	000m: 0-1	RANGE: bah cag? col gag gua	shrub tree
pertusa L. f.		PROV: bo ca ch	000m: 0-1,1-2	RANGE: jam mex sao	tree
popenoei Standl.		PROV: ca cc pa	000m: 0-1	RANGE: bel cag? col	tree
*retusa L.	cult.	PROV: ca da he	000m: 0-1	RANGE: owt	tree
*schippii Standl.		PROV: bo cn pa	000m: 0-1	RANGE: sat	tree
tonduzii Standl.		PROV: ca ch	000m: 0-1	RANGE: col cr ecu hon	tree
trachelosyce Dugand		PROV: ch	000m: 0-1	RANGE: col cr	tree
trigonata L.		PROV: ca cc ch da pa	000m: 0-1	RANGE: col gag mex	tree
tuerckheimii Standl.		PROV: bo ca cc ch he lo	000m: 0-1	RANGE: bel cag?	tree
*turrialbana Burger		PROV: cc	000m: 0-1	RANGE: cr	tree
*yoponensis Desv.		PROV: ca ch	000m: 0-1	RANGE: col mex ven	tree
*zarzalensis Dugand		PROV: da	000m: we	RANGE: wr	tree
*Helicostylis					
*tomentosa (P. & E.) Rusby		PROV: bo	000m: 0-1	RANGE: sat	shrub
*tovarensis (Kl. & Karst.) Berg		PROV: da vr	000m: 1-2	RANGE: sat	tree
Maquira					
*costaricana (Standl.) C. Berg.		PROV: bo ca da pa sa	000m: 0-1	RANGE: cr nic per	tree
*Morus					
*insignis Bur.		PROV: ch	000m: 1-2,2-3	RANGE: col cr ven	tree
*Naucleopsis					
*ulei (Warb.) Ducke		PROV: cn pa	000m: 0-1	RANGE: sat	treelet
Olmedia					
aspera R. & P.		PROV: bo ca cc ch cn da lo pa	000m: 0-1	RANGE: bol cr sat	tree shrub
Perebea					
*angustifolia (P. & E.) C. Berg		PROV: cn da pa sa	000m: 0-1	RANGE: cag sat	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

106

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
64 (43) MORACEAE cont.					
guianensis Aubl. xanthochyma Karst.		PROV: bo ca pa sa PROV: bo ca cn da pa sa	000m: 0-1 000m: 0-1,1-2	RANGE: bol sag? sao RANGE: col cr per	tree tree
Poulsenia armata (Miq.) Standl.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: cag mex sat	tree
Pourouma *guianensis Aubl. johnstonii Woods. *minor Benoist oraria Standl. & Cuatr. radula Benoist scobina Benoist		PROV: da PROV: ca PROV: cc PROV: wp PROV: wp PROV: cc da	000m: 0-1 000m: 0-1 000m: 0-1 000m: we 000m: we 000m: 0-1	RANGE: bel col gui ven RANGE: wr RANGE: cr RANGE: col RANGE: gui sag? RANGE: cag? gua gui sag?	tree tree tree tree tree tree
Pseudolmedia *laevigata Trec. spuria (Sw.) Griseb.		PROV: da PROV: bo	000m: 1-2 000m: 0-1	RANGE: sat RANGE: ang bel cag? sag?	tree tree
Sorocea affinis Hemsl. *cufodontisii Burger *faustiana Cuatr. pubivena Hemsl. *trophoides Burger *--subsp. trophoides		PROV: bo ca cc ch cn da pa sa vr PROV: bo ch PROV: pa PROV: bo ch PROV: ch vr	000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 1-2	RANGE: col? RANGE: cr RANGE: wr RANGE: cr RANGE: cr	tree tree tree tree tree
Trophis *mexicana (Liebm.) Bur. racemosa (L.) Urb.		PROV: vr PROV: bo ca cc ch cn da pa vr	000m: 0-1 000m: 0-1	RANGE: cag RANGE: cag? mex sag?	tree tree
65 (44) URTICACEAE					
Boehmeria aspera Wedd. cylindrica (L.) Sw. *nivea Gaud. pavonii Wedd. *ramiflora Jacq. ulmifolia Wedd.		PROV: ch PROV: bo ca ch PROV: pa PROV: ch PROV: pa vr PROV: bo ch da vr	000m: 1-2 000m: 0-1,1-2 000m: 0-1 000m: 1-2 000m: 0-1,1-2 000m: 0-1,1-2,2-3,3+	RANGE: cr per sag? RANGE: ang cag mex nag? nao sao RANGE: col sao RANGE: bol gua per RANGE: ang cag cr mex sat RANGE: cag mex	shrub herb herb shrub shrub tree shrub herb shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

107

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
65 (44) URTICACEAE cont.					
*Laportea					
*aestuans (L.) Chew		PROV: bo ca ch cn da he pa vr	000m: 0-1	RANGE: wdt	herb
Myriocarpa					
*longipes Liebm.		PROV: bo ca cc ch cn da lo pa vr	000m: 0-1,1-2	RANGE: cag? gua sat	treelet shrub
Phenax					
angustifolius (H.B.K.) Wedd.		PROV: bo cc da pa	000m: 0-1	RANGE: bol cr per sag?	shrub herb
mexicanus Wedd.		PROV: bo cc ch da lo vr	000m: 0-1,1-2,2-3	RANGE: cag mex	shrub
rugosus (Poir.) Wedd.		PROV: ch pa	000m: 0-1,1-2	RANGE: bol cag mex sag? ven	shrub
*sonneratii (Poir.) Wedd.		PROV: bo ca cn pa	000m: 0-1,1-2	RANGE: ang cag	shrub
Pilea					
acuminata Liebm.		PROV: cc ch vr	000m: 0-1	RANGE: cag col mex	herb
auriculata Liebm.		PROV: ch	000m: 1-2,2-3	RANGE: cr gua mex	herb
*basslerigna Killip		PROV: cc cn da	000m: 0-1,1-2	RANGE: sat	herb
*centradenoides Seem.		PROV: da	000m: 1-2	RANGE: sat	herb
chiriquina Killip		PROV: bo ch	000m: 1-2,2-3	RANGE: end	herb
cornmanae Killip		PROV: ch	000m: 1-2	RANGE: cr	herb
*cornuto-cucullata Cufod.		PROV: ch	000m: 2-3,3+	RANGE: cr	epiph herb
*costaricensis J.D. Sm.		PROV: bo da	000m: 0-1,1-2	RANGE: cr	shrub
*daguensis Killip		PROV: cn	000m: 0-1	RANGE: sat	herb
*diversissima Killip		PROV: cc ch cn	000m: 0-1	RANGE: cr	herb
donnell-smithiana Killip		PROV: bo cc ch lo pa vr	000m: 0-1,1-2	RANGE: cr	herb
*fasciata Wedd.		PROV: ca cn da pa vr	000m: 0-1	RANGE: sat	herb
gracilipes Killip		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag? gua	herb
*herniarioides (Sw.) Wedd.		PROV: da pa	000m: 0-1	RANGE: ang cr fla	herb
hyalina Fenzl		PROV: bo ca ch da	000m: 0-1,1-2	RANGE: cag? lag mex sag? sao	herb
imparifolia Wedd.		PROV: cc cn da da pa vr	000m: 0-1,1-2	RANGE: col gui per sao	herb
involucrata (Sims) Urb.	cult.	PROV: ca cn sa	000m: 0-1	RANGE: ang col ven	herb
*latifolia Wedd.		PROV: cc cn da	000m: 0-1,1-2	RANGE: sat	herb
microphylla (L.) Liebm.	cult.	PROV: bo ca cc ch cn da pa sa	000m: 0-1,1-2,2-3	RANGE: nwt	herb
nummularifolia (Sw.) Wedd.	intr. cult. nat.				
		PROV: ca da	000m: 0-1	RANGE: ang cag? per ven	herb
pallida Killip		PROV: bo cc	000m: 0-1,1-2	RANGE: cr	herb
*pansamalana J.D. Sm.		PROV: ch	000m: 2-3	RANGE: gua	herb
parietaria (L.) Blume		PROV: bo ch cn	000m: 0-1,1-2,3+	RANGE: ang cag? gua	herb
*pittieri Killip		PROV: pa	000m: 0-1	RANGE: cr	herb
ptericiada J.D. Sm.		PROV: bo ca cc da	000m: 0-1	RANGE: cr	herb
*pteropodon Wedd.		PROV: cc da vr	000m: 0-1,1-2	RANGE: sat	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
65 (44) URTICACEAE cont.					
pubescens Liebm.		PROV: bo cc ch da vr	000m: 0-1,1-2	RANGE: nwt	herb
*purulensis J.D. Sm.		PROV: ch	000m: 1-2	RANGE: gua	herb
*rhombifolia Killip		PROV: cc cn	000m: 0-1	RANGE: sat	herb
rugosissima Killip		PROV: ch	000m: 1-2	RANGE: end	herb
*seemannii Killip		PROV: da	000m: 0-1	RANGE: wr	herb
trianaeana Wedd.		PROV: cc pa	000m: 0-1	RANGE: col	herb
Pouzolzia					
guatemalana (Blume) Wedd.		PROV: bo	000m: 0-1	RANGE: cag? gua	shrub
obliqua (Poepp.) Wedd.		PROV: bo ca cn da pa sa vr	000m: 0-1	RANGE: cag? gua per ven	shrub tree
occidentalis (Liebm.) Wedd.		PROV: ca da pa	000m: 0-1	RANGE: cag? col hon pr ven	shrub tree
Urera					
baccifera (L.) Gaud.		PROV: bo ca cc ch cn da pa vr	000m: 0-1,1-2	RANGE: nwt	herb shrub tree
caracasana (Jacq.) Griseb.		PROV: bo ca ch cn da lo pa vr	000m: 0-1,1-2	RANGE: cag sag?	shrub tree
*eggersii Hieron.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: bol col cr ecu	climber
elata (Sw.) Griseb.		PROV: bo ca cc ch cn da lo pa vr	000m: 0-1,1-2	RANGE: col cr jam mex	shrub tree
laciniata (Goud.) Wedd.		PROV: ca	000m: 0-1	RANGE: cr per ven	tree shrub herb
*Urtica					
*leptophylla H.B.K.		PROV: ch	000m: 2-3,3+	RANGE: col cr ecu	herb
66 (45) PROTEACEAE					
Panopsis					
suaveolens (Kl.) Pitt.		PROV: ch	000m: 1-2	RANGE: col cr ecu ven	tree
Roupala					
*glaberrima Pitt.		PROV: ch	000m: 0-1,1-2	RANGE: cr	tree
montana Aubl.		PROV: ca cc ch da he pa vr	000m: 0-1	RANGE: nwt	tree
*percoriacea A. Gentry		PROV: da pa	000m: 0-1	RANGE: end	tree
*suaveolens (Kl.) Pitt.		PROV: pa	000m: 0-1	RANGE: ven	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
67 (46) LORANTHACEAE					
Antidaphne viscoidea P. & E.		PROV: da pa	000m: 0-1,1-2	RANGE: bol cr gua mex per sao	shrub
*Cladocolea *oligantha (Standl. & Steyerl.) Kuijt		PROV: pa	000m: 0-1	RANGE: cr gua	parasite
Dendrophthora costaricensis Urb.		PROV: ch	000m: 0-1,1-2	RANGE: cr	shrub
*panamensis Kuijt		PROV: pa sa	000m: 0-1	RANGE: end	shrub
*squamigera (Benth.) Kuntze		PROV: ch	000m: 1-2	RANGE: cag col ven	subshrub
Gaiadendron *lanceolatum (R. & P.) Baehni		PROV: ch	000m: 0-1,2-3,3+	RANGE: wr	climber
*punctatum (R. & P.) G. Don		PROV: ch	000m: 1-2	RANGE: cr nic per	shrub tree
*Ixocactus *hutchisonii Kuijt		PROV: pa	000m: 0-1	RANGE: col ven	shrub
Oryctanthus *alveolatus (H.B.K.) Kuijt		PROV: ca cc ch da he pa	000m: 0-1	RANGE: cag col cr sag sao trt	shrub
cordifolius (Presl) Urb.		PROV: bo ca cc cn pa pa	000m: 0-1	RANGE: cag col	shrub
occidentalis (L.) Eichl.		PROV: bo ca cc ch cn da pa	000m: 0-1,1-2	RANGE: ang cr ecu gui per sao	shrub
spicatus (Jacq.) Eichl.		PROV: ch	000m: 1-2	RANGE: ang cag sag	shrub
Phoradendron *acinacifolium Eichl.		PROV: ch cn	000m: 0-1,1-2,2-3	RANGE: cr sag sao	shrub
*angustifolium (H.B.K.) Nutt.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag	subshrub
*annulatum Oliv.		PROV: ch	000m: 3+	RANGE: cr	shrub
corynarthon Eichl.		PROV: ch	000m: 1-2	RANGE: cr	shrub
*crassifolium (DC.) Eichl.		PROV: ca ch cn da pa vr	000m: 0-1,1-2	RANGE: cr gua per sao	shrub
*dichotomum (Bert.) Krug & Urb.		PROV: pa vr	000m: 0-1,1-2	RANGE: cr	shrub
*dipterum Eichl.		PROV: lo	000m: 0-1	RANGE: cr mex sat	shrub
*flavens (Sw.) Griseb.		PROV: da	000m: 0-1	RANGE: cr gua nic	shrub
*guascanum Trel.		PROV: pa	000m: 0-1	RANGE: wr	shrub
*jenmanii Trel.		PROV: vr	000m: 0-1	RANGE: ecu sao ven	parasite shrub
mucronatum (DC.) Krug & Urb.		PROV: cc pa	000m: 0-1	RANGE: ang cag sag sao	shrub
*obliquum (Presl) Eichl.		PROV: ca da pa	000m: 0-1	RANGE: cr per	shrub
piperoides (H.B.K.) Nutt.		PROV: bo ca cc ch da pa sa	000m: 0-1,1-2	RANGE: nwg	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
67 (46) LORANTHACEAE cont.					
*quadrangulare (H.B.K.) Krug & Urb.		PROV: bo ca cc cn da he lo pa vr	000m: 0-1	RANGE: ang col cr ven	shrub
*robustissimum Eichl.		PROV: cc ch lo pa	000m: 0-1,1-2	RANGE: cr mex ven	shrub
tonduzii Trel.		PROV: ch	000m: 1-2	RANGE: cr	shrub
trinervium Griseb.		PROV: bo	000m: 0-1	RANGE: ang	shrub
undulatum (Pohl) Eichl.		PROV: ch	000m: 1-2	RANGE: bol cr nic sao	shrub
woodsonii Trel.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: end	shrub
Phthirusa					
pittieri Krause		PROV: cn	000m: 0-1	RANGE: end	shrub
pyrifolia (H.B.K.) Eichl.		PROV: ca	000m: 0-1	RANGE: ang col cr ecu gui	shrub
*retroflexa (R. & P.) Kuijt		PROV: bo ca ch he lo pa vr	000m: 0-1	RANGE: ven cr gui per sag sao	shrub
Psittacanthus					
*calyculatus (DC.) G. Don		PROV: cc ch he pa	000m: 0-1,1-2	RANGE: col cr mex ven	shrub
*hamulifer Kuijt		PROV: da	000m: 1-2,2-3	RANGE: end	shrub
*krameri Kuijt		PROV: cc ch cn pa sa vr	000m: 0-1,1-2	RANGE: wr	epiph tree
*nodosus (Desr.) G. Don		PROV: cc ch cn da pa vr	000m: 0-1,1-2,2-3	RANGE: cr ecu	shrub
*pusillus Kuijt		PROV: pa	000m: 0-1	RANGE: end	shrub
*ramiflorus (DC.) G. Don		PROV: bo ca cc cc ch vr	000m: 0-1,1-2	RANGE: cr	parasite shrub
scheryi Woods.		PROV: ch	000m: 1-2	RANGE: cr	shrub
schiedeanus (Cham. & Schlecht.) Blume		PROV: ch	000m: 1-2,2-3	RANGE: cag cr mex	shrub
Struthanthus					
*costaricensis Standl.		PROV: ch cn	000m: 0-1,1-2	RANGE: cr	parasite shrub
*dichotrianthus Eichl.		PROV: bo cc vr	000m: 0-1	RANGE: gui ven	shrub
*leptostachyus (H.B.K.) G. Don		PROV: bo cc cn pa sa vr	000m: 0-1	RANGE: cag cr per sag	shrub
marginatus (Desr.) Blume		PROV: bo ch da	000m: 1-2	RANGE: cr sao	epiph shrub
orbicularis (H.B.K.) Blume		PROV: bo ca cc ch da he lo pa sa vr	000m: 0-1	RANGE: cag col ecu per sao	climber
*panamensis (Rizz.) Barlow & Wiens		PROV: ch	000m: 1-2	RANGE: end	shrub
*quercicola (Cham. & Schlecht.) Blume					
rotundatus Rizz.		PROV: bo ch da vr	000m: 0-1,1-2,2-3	RANGE: cr mex	shrub
*woodsonii Cufod.		PROV: ch	000m: 1-2,2-3	RANGE: sat	climber
		PROV: bo	000m: 0-1	RANGE: cr	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
71 (47) OPILIAACEAE					
<i>Agonandra</i> <i>brasiliensis</i> B. & H.		PROV: cc	000m: 0-1	RANGE: cag sag	tree
72 (48) OLACACEAE					
<i>Heisteria</i> * <i>acuminata</i> (H. & B.) Engl.		PROV: bo ca cc ch cn da he pa sa vr	000m: 0-1,1-2	RANGE: col cr mex	shrub tree
<i>concinna</i> Standl.		PROV: ca ch cn da he lo pa vr	000m: 0-1	RANGE: cr	tree
<i>costaricensis</i> J.D. Sm.		PROV: bo ca cn sa	000m: 0-1	RANGE: cr	shrub
* <i>cyanocarpa</i> Poepp.		PROV: bo	000m: 0-1	RANGE: col cr	shrub tree
<i>macrophylla</i> Oerst.		PROV: bo ca cc ch cn pa vr	000m: 0-1,1-2,2-3	RANGE: cag	shrub
* <i>scandens</i> Ducke		PROV: bo ca ch cn	000m: 0-1,1-2	RANGE: cr per sao	shrub tree
<i>Minquartia</i> <i>guianensis</i> Aubl.		PROV: bo ca ch	000m: 0-1	RANGE: cr ecu nic sao	tree
<i>Schoepfia</i> <i>schreberi</i> J.F. Gmel.		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: ang cag cr fla sag	shrub tree
* <i>vacciniiflora</i> Hemsl.		PROV: ch	000m: 1-2	RANGE: wr	tree
<i>Ximenia</i> <i>americana</i> L.		PROV: bo ca ch da he pa	000m: 0-1	RANGE: wdw	tree
73 (49) BALANOPHORACEAE					
<i>Corynaea</i> <i>crassa</i> Hook. f. --var. <i>sprucei</i> (Eichl.) B. Hansen		PROV: ch	000m: 3+	RANGE: bol col cr ecu per ven	parasite
<i>Helosis</i> * <i>cayennensis</i> (Sw.) Spr. *--var. <i>cayennensis</i>		PROV: ca cc da vr	000m: 0-1,1-2	RANGE: bol cag cr mex sag sao	root parasite
*--var. <i>mexicana</i> (Liebm.) B. Hansen		PROV: ch pa	000m: 2-3	RANGE: cag col cub ecu mex	parasite



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
73 (49) BALANOPHORACEAE cont.					
					herb
Langsdorffia hypogaea Mart.		PROV: ch da	000m: 0-1,1-2,2-3	RANGE: cr mex sag? sao	parasite
74 (50) ARISTOLOCHIACEAE					
Aristolochia anguicida Jacq.		PROV: cc lo	000m: 0-1	RANGE: ang col cr gua hon nic per sao ven	climber
*constricta Griseb.		PROV: bo cn pa vr	000m: 0-1,1-2	RANGE: cr nic	climber
*cordiflora H.B.K.		PROV: bo ca cc da pa	000m: 0-1	RANGE: col gui ven	climber
grandiflora Sw.		PROV: cn da pa	000m: 0-1	RANGE: ang cag cr mex	climber
inflata H.B.K.		PROV: ca cc he pa	000m: 0-1	RANGE: cag	climber
maxima Jacq.		PROV: ca pa	000m: 0-1	RANGE: cag cr sag	climber
odoratissima L.		PROV: bo cc da	000m: 0-1	RANGE: cag cr sag	climber
panamensis Standl.		PROV: ca ch cn da	000m: 0-1	RANGE: col mex	subshrub
*pfeiferi Barringer		PROV: cn	000m: 0-1	RANGE: end	climber
*pilosa H.B.K.		PROV: bo ca cn da pa	000m: 0-1	RANGE: cag cr sat	climber
*ringens Vahl	cult.	PROV: pa	000m: 0-1	RANGE: cr cub gua jam pr	climber
*tonduzii Schmidt		PROV: ca cc ch da lo pa	000m: 0-1	RANGE: cag cr sat	climber
trilobata L.		PROV: bo ca	000m: 0-1	RANGE: cag cr sag	climber
veraguensis Duchass.		PROV: da vr	000m: 0-1	RANGE: cr sao	climber
75 (50A) RAFFLESACEAE					
Apodanthes caseariae Poit.		PROV: ca cc da	000m: 0-1	RANGE: bel cr sat	parasite
*flacourtiæ Karst.		PROV: ca	000m: 0-1	RANGE: sat	parasite
Pilostyles blanchetii (Gardn.) R. Br.		PROV: pa	000m: 0-1	RANGE: mex sao ven	parasite
77 (51) POLYGONACEAE					
Antigonon grandiflorum (Bertol.) Robinson		PROV: wp	000m: 0-1	RANGE: ang cr gua mex nic sal	climber
guatemalense Meisn.	intr. cult.	PROV: lo	000m: 0-1	RANGE: gua	herb
leptopus H. & A.	cult.	PROV: ca pa	000m: 0-1	RANGE: ang cag? cr mex	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
77 (51) POLYGONACEAE cont.					
Coccoloba					
*acapulcensis Standl.		PROV: ca cn	000m: 0-1	RANGE: cag mex	tree
acuminata H.B.K.		PROV: ca cc cn da pa	000m: 0-1,1-2	RANGE: col cr ecu gui per sao ven	shrub
*ascendens Lind.		PROV: cc da sa	000m: 0-1	RANGE: lag	climber
caracasana Meisn.		PROV: ca ch lo pa	000m: 0-1	RANGE: col cr gua mex nic sal ven	tree
coronata Jacq.		PROV: ca cc ch cn da he pa sa vr	000m: 0-1	RANGE: col gua lag? per trt ven	shrub
dariensis Howard		PROV: cc da	000m: 0-1	RANGE: wr	tree
*gentryi Howard		PROV: cn pa	000m: 0-1	RANGE: wr	tree
*johnstonii Howard		PROV: pa	000m: 0-1	RANGE: wr	treelet
lasseri Lund.		PROV: ca cc cn he lo pa vr	000m: 0-1	RANGE: end	tree
lehmannii Lindau		PROV: bo cc da	000m: 0-1	RANGE: col cr ven	tree
manzanillensis Beurl.		PROV: ca cn da pa	000m: 0-1	RANGE: end	tree
*mollis Casar.		PROV: pa sa	000m: 0-1	RANGE: col sao	tree
obovata H.B.K.		PROV: ca cc ch da lo pa sa vr	000m: 0-1	RANGE: col cr	shrub
padiformis Meisn.		PROV: ca	000m: 0-1	RANGE: col cr ven	tree
parimensis Benth.		PROV: ca pa	000m: 0-1	RANGE: col per sao	tree
tuerckheimii J.D. Sm.		PROV: bo cc cn pa	000m: 0-1	RANGE: cr gua hon nic	tree
uvifera (L.) L.		PROV: bo cn sa	000m: 0-1	RANGE: ang cag mex sag?	tree
Muehlenbeckia					
*platyclada Meisn.		PROV: ch	000m: 0-1	RANGE: wr	shrub
tamnifolia (H.B.K.) Meisn.		PROV: ch	000m: 1-2	RANGE: cag col cr mex sag? sao	climber
Polygonum					
acuminatum H.B.K.		PROV: ca cn	000m: 0-1	RANGE: cag gua mex sag sao	herb
convolvulus L.		PROV: ch	000m: 1-2	RANGE: cag eur nag sag	herb
hispidum H.B.K.		PROV: ca ch cn pa	000m: 0-1	RANGE: ang cag sag	aquat herb
hydropiperoides Michx.		PROV: bo ca lo	000m: 0-1	RANGE: cag nag nao sag	herb
punctatum Ell.		PROV: ca cc ch cn da pa	000m: 0-1,1-2	RANGE: cag nag nao sag sao	herb
*segetum H.B.K.		PROV: cn lo	000m: 0-1	RANGE: cag gua mex	aquat herb
Rumex					
acetosella L.		PROV: ch	000m: 0-1,1-2	RANGE: asi cr eur nwg?	herb
crispus L.		PROV: ch	000m: 1-2	RANGE: asi cr eur gua nwg?	herb
*obtusifolius L.		PROV: ch	000m: 2-3,3+	RANGE: bol col cr gua mex sao ven	herb
*Ruprechtia					
*costata Meisn.		PROV: bo he pa	000m: 0-1	RANGE: cr gua	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

114

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
77 (51) POLYGONACEAE cont.					
<i>Triplaris</i>					
<i>americana</i> L.		PROV: da	000m: 0-1	RANGE: col per sag? sao	tree
<i>cumingiana</i> Fischer & Meyer					
cult.		PROV: ca da pa sa	000m: 0-1	RANGE: col cr ecu sag?	tree
78 (52) CHENOPODIACEAE					
<i>Chenopodium</i>					
* <i>album</i> L.		intr. PROV: ch	000m: 1-2	RANGE: eur nwg	herb
<i>ambrosioides</i> L.		PROV: ch da he pa	000m: 0-1,1-2	RANGE: cag cr mex	herb
<i>murale</i> L.		PROV: pa	000m: 0-1	RANGE: afr asi eur nao nwg?	herb
<i>pratericola</i> Rydb.		PROV: pa	000m: 0-1	RANGE: mex nag? sao	herb
79 (53) AMARANTHACEAE					
<i>Achyranthes</i>					
<i>aspera</i> L.		PROV: bo ca cc ch he	000m: 0-1	RANGE: cr gua hon mex sal	herb
		lo pa		wdw	
* <i>tenella</i> Colla		PROV: bo ca ch	000m: 0-1	RANGE: cr	herb
<i>Alternanthera</i>					
* <i>costaricensis</i> Kuntze		PROV: bo cn vr	000m: 0-1	RANGE: cr	herb
<i>halimifolia</i> (Lam.) Standl.		PROV: wp	000m: 0-1	RANGE: ang cag? col gal mex	herb
				sao	
<i>laguroides</i> (Standl.) Standl.		PROV: vr	000m: 0-1,1-2	RANGE: cag? gua	herb
* <i>lanceolata</i> (Benth.) Schinz		PROV: wp	000m: 1-2	RANGE: col cr gua	herb
<i>mexicana</i> (Schlecht.) Hieron.		PROV: wp	000m: we	RANGE: cag? col mex	herb
<i>paronychioides</i> St. Hil.		PROV: ca cc ch cn da	000m: 0-1	RANGE: cag? cr mex sag sao	herb
		lo pa			
<i>polygonoides</i> (L.) R. Br.		PROV: lo	000m: 0-1	RANGE: cag? cr mex nag? sag?	herb
				sao	
* <i>pubiflora</i> (Benth.) Kuntze		PROV: ca cn da he lo	000m: 0-1	RANGE: cag mex	herb
		pa			
<i>repens</i> (L.) Gmel.		PROV: wp	000m: we	RANGE: asi eur gua mex	herb
<i>sessilis</i> (L.) R. Br.		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: cag hon per sag? sao	herb
		da lo			
<i>Amaranthus</i>					
<i>californicus</i> (Moq.) S. Wats.		PROV: pa	000m: 0-1	RANGE: cal	herb
<i>cruentus</i> L.		PROV: wp	000m: we	RANGE: cag gua mex	herb
<i>dubius</i> Mart.		PROV: bo ca cn da he	000m: 0-1	RANGE: ang cag eur mex sag?	herb
		pa			
<i>hybridus</i> L.		PROV: ch da pa vr	000m: 0-1,1-2	RANGE: ang cag mex nag owg?	herb
				sag	



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

115

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
79 (53) AMARANTHACEAE cont.					
spinosus L.		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1,1-2	RANGE: cag cr mex wdw	herb
viridis L.		PROV: bo ch pa	000m: 0-1	RANGE: nag? owg	herb
Blutaparon *vermiculare (L.) Mears		PROV: bo ca cn sa	000m: 0-1	RANGE: afr bel cr fla mex sag? sao tex	shrub
Celosia argentea L.		intr. cult. PROV: bo ca ch pa	000m: 0-1,1-2	RANGE: afr cag mex	herb
*grandifolia Moq.		PROV: bo ch	000m: 1-2	RANGE: per sao	herb
Chamissoa *acuminata Mart. *--var. maximiliani (Moq.) Sohmer		PROV: bo da	000m: 0-1	RANGE: col cr hon mex nic per sag sao	herb shrub climber
*--var. swansonii Sohmer altissima (Jacq.) H.B.K.		PROV: bo PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1 000m: 0-1	RANGE: cr RANGE: cag mex sag sao	herb shrub climber
Cyathula achyranthoides (H.B.K.) Moq.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: ang cag gua hon mex sag? sao	herb
prostrata (L.) Blume		intr. nat. PROV: bo ca cc ch cn da pa vr	000m: 0-1	RANGE: afr asi	herb
Gomphrena globosa L.		intr. cult. PROV: bo ca	000m: 0-1	RANGE: asi gua wdw?	herb
*serrata L.		PROV: bo ca ch da lo pa sa vr	000m: 0-1	RANGE: ang bol cag? gua mex sao sao	herb
Iresine angustifolia Euphr.		PROV: ca cc cn da he pa	000m: 0-1	RANGE: cag ecu mex sao	herb
completa Uline & Bray diffusa H. & B.		PROV: da PROV: bo ca cc ch da lo pa vr	000m: 0-1 000m: 0-1,1-2,2-3,3+	RANGE: cag? gua RANGE: cag gua nag sag	shrub herb
hassleriana Chod.		PROV: wp	000m: we	RANGE: bol col per sao	shrub
Pfaffia grandiflora (Hook.) R.E. Fries		PROV: da	000m: 0-1,1-2	RANGE: cag? cr gui mex per sag?	herb
paniculata (Mart.) Kuntze intr.		PROV: cc	000m: 0-1	RANGE: per sao sao	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

116

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
79 (53) AMARANTHACEAE cont.					
<i>Pleuropetalum pleiogynum</i> (Kuntze) Standl.		PROV: ca ch da pa	000m: 0-1	RANGE: cr	herb
<i>sprucei</i> (Hook. f.) Standl.		PROV: bo ch da vr	000m: 0-1,1-2	RANGE: cag mex per sag?	shrub herb shrub
80 (54) NYCTAGINACEAE					
<i>Boerhavia coccinea</i> Mill.		PROV: bo ca ch da pa sa vr	000m: 0-1	RANGE: afr asi nwg? oce	herb
<i>erecta</i> L.		PROV: ca ch cn	000m: 0-1	RANGE: afr ang cag nag? sag	herb
* <i>Bougainvillea glabra</i> Choisy		intr. cult. PROV: cc cn pa	000m: 0-1	RANGE: cag sat	shrub
<i>Guapira costaricana</i> (Standl.) Woods.		PROV: bo ca cc ch cn da lo pa	000m: 0-1,1-2	RANGE: cr	tree
<i>standleyana</i> Woods.		PROV: ca da pa sa	000m: 0-1	RANGE: end	tree
* <i>Mirabilis jalapa</i> L.		intr. cult. nat. PROV: ch da he lo pa sa vr	000m: 0-1,1-2	RANGE: cr mex	herb
<i>Neea amplexicaulis</i> Dwyer & Hayden		PROV: da	000m: 0-1	RANGE: end	tree
<i>amplifolia</i> J.D. Sm.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: cr	shrub tree
* <i>darienensis</i> Dwyer & Hayden		PROV: cn da pa sa	000m: 0-1,1-2	RANGE: end	tree
<i>delicatula</i> Standl.		PROV: ca da lo pa	000m: 0-1	RANGE: cr	shrub tree
* <i>elegans</i> Dwyer & Hayden		PROV: da	000m: 0-1	RANGE: end	shrub
<i>laetevirens</i> Standl.		PROV: cc ch cn da pa vr	000m: 0-1	RANGE: cr	shrub
<i>pittieri</i> Standl.		PROV: vr	000m: 0-1	RANGE: wr	tree
<i>psychotrioides</i> J.D. Sm.		PROV: bo ca cc cn da pa sa	000m: 0-1,1-2	RANGE: cr mex	shrub tree
<i>Pisonia aculeata</i> L.		PROV: ca cc ch pa	000m: 0-1	RANGE: afr ang asi cag cr ecu sag	shrub climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
81 (55) BATACEAE					
Batis maritima L.		PROV: pa	000m: 0-1	RANGE: ang cag? nao pr sag?	shrub
83 (56) PHYTOLACCACEAE					
Microtea debilis Sw.		PROV: bo ca da pa	000m: 0-1	RANGE: ang cag? gua per sag? sao	herb
Petiveria alliacea L.		PROV: bo ca ch da he lo pa	000m: 0-1,1-2	RANGE: ang cag col fla nao herb sag sao tex	
Phytolacca icosandra L.		PROV: bo ch	000m: 0-1,1-2	RANGE: ang cag cr ecu mex herb sag?	
rivinoides Kunth & Bouche		PROV: bo cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: ang bol cag mex sag? herb shrub	
rugosa Br. & Bouche		PROV: bo ch	000m: 1-2,2-3	RANGE: cag col cr mex herb	
Rivina humilis L.		PROV: bo cc ch cn da lo pa sa	000m: 0-1,1-2	RANGE: ang cag cr fla mex shrub nag? nao sag sao tex herb	
*Seguiera *aculeata Jacq. *macrophylla Benth.		PROV: da PROV: da	000m: 0-1 000m: 0-1	RANGE: per sao sat RANGE: per sao sat	shrub climber
Trichostigma octandrum (L.) H. Walt.		PROV: bo ca da	000m: 0-1,1-2	RANGE: ang cag cr fla mex shrub nao sag sao ven climber	
polyandrum (Loes.) H. Walt.		PROV: bo da pa	000m: 0-1	RANGE: cr nic shrub climber	
84 (57) AIZOACEAE					
Mollugo verticillata L.		PROV: bo ca pa	000m: 0-1	RANGE: wdw	herb
Sesuvium portulacastrum (L.) L.		PROV: bo ca cn he pa sa	000m: 0-1	RANGE: wdw	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

118

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
84 (57) AIZOACEAE cont.					
<i>Trianthema portulacastrum</i> L.		PROV: ca ch pa	000m: 0-1	RANGE: wdw	herb
85 (58) PORTULACACEAE					
<i>Portulaca oleracea</i> L.		PROV: bo ca cc ch cn da lo pa	000m: 0-1	RANGE: cag	herb
* <i>pilosa</i> L.		PROV: cc ch cn da pa	000m: 0-1	RANGE: ang cag mex nas sag	herb
<i>Talinum paniculatum</i> (Jacq.) Gaertn.		PROV: pa	000m: 0-1	RANGE: ang asi cag nas sag	herb
* <i>triangulare</i> (Jacq.) Willd.		PROV: ch pa	000m: 0-1	RANGE: ang cr mex	herb
86 (58A) BASELLACEAE					
<i>Anredera vesicaria</i> (Lam.) Gaertn. f.		PROV: pa	000m: 0-1	RANGE: ang cag per sag	climber
<i>Basella alba</i> L.		intr. cult. PROV: ca da	000m: 0-1	RANGE: asi	herb climber
87 (59) CARYOPHYLLACEAE					
<i>Arenaria lanuginosa</i> (Mich.) Rohrb.					
--var. <i>guatemalensis</i> (Standl. & Steyerl.) Duke		PROV: ch	000m: 1-2	RANGE: cag mex	herb
--var. <i>saxosa</i> (A. Gray) Maguire		PROV: ch	000m: 2-3, 3+	RANGE: mex nag? sag?	herb
--subsp. <i>lanuginosa</i>		PROV: ch	000m: 1-2, 2-3, 3+	RANGE: bol cag mex nas per sao	herb
<i>Cerastium glomeratum</i> Thuill.		PROV: ch	000m: 1-2, 2-3, 3+	RANGE: cag eur mex nas	herb
* <i>triviale</i> Link		PROV: ch	000m: 3+	RANGE: cag cr mex nag	herb
<i>Dianthus chinensis</i> L.		intr. cult. PROV: ch	000m: 0-1	RANGE: asi cr	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
87 (59) CARYOPHYLLACEAE cont.					
<i>Drymaria</i>					
<i>cordata</i> R. & S.		PROV: bo ca cc ch cn he lo pa sa vr	000m: 0-1,1-2,2-3	RANGE: ang cag fla mex sag sao	herb
* <i>multiflora</i> Brandeg.		PROV: ch	000m: 1-2	RANGE: cag cr mex	herb
<i>villosa</i> Cham. & Schlecht. intr.		PROV: cc ch	000m: 0-1,1-2	RANGE: asi cag mex per sag?	herb
<i>Polycarpaea</i>					
<i>corymbosa</i> (L.) Lam.		PROV: cc	000m: 0-1	RANGE: sag?	herb
* <i>Spergula</i>					
* <i>arvensis</i> L.		PROV: ch	000m: 2-3	RANGE: wdw	herb
<i>Stellaria</i>					
<i>cuspidata</i> Schlecht.		PROV: bo ch	000m: 1-2,2-3,3+	RANGE: ang? cag col cr ecu mex nas sag? sao	herb climber
<i>irazuensis</i> J.D. Sm.		PROV: ch	000m: 1-2	RANGE: cag? cr gua	herb
<i>ovata</i> Schlecht.		PROV: bo ch	000m: 0-1,1-2,2-3	RANGE: cag gua mex per sag?	herb

88 (60) NYMPHAEACEAE

<i>Cabomba</i>					
<i>piauhyensis</i> Gardn.		PROV: ca cn da pa	000m: 0-1	RANGE: ang bol cag sag? sao	aquat herb
<i>Nymphaea</i>					
<i>ampla</i> (Salisb.) DC.		PROV: ca pa	000m: 0-1	RANGE: ang cag mex sag tex	aquat herb
<i>blanda</i> G. Meyer		PROV: ca cc da pa sa	000m: 0-1	RANGE: cag sag?	aquat herb
* <i>lotus</i> L.	intr. nat.	PROV: pa	000m: 0-1	RANGE: afr asi	aquat herb
<i>rudgeana</i> G. Meyer		PROV: ca pa	000m: 0-1	RANGE: ang cag sag?	aquat herb

89 (61) CERATOPHYLLACEAE

<i>Ceratophyllum</i>					
<i>demersum</i> L.					
--var. <i>echinatum</i> (A. Gray) Wilmot-Dear		PROV: ca	000m: 0-1	RANGE: eur wdw	aquat herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
91 (62) RANUNCULACEAE					
<i>Clematis</i>					
<i>dioica</i> L.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: ang cag mex sag	climber
<i>haenkeana</i> Presl		PROV: cc ch vr	000m: 0-1,1-2	RANGE: cag mex sag sao	climber
<i>Ranunculus</i>					
* <i>geranioides</i> DC.		PROV: ch	000m: 1-2,2-3	RANGE: col ecu	herb
* <i>peruvianus</i> Pers.		PROV: ch	000m: 3+	RANGE: sat	herb
<i>pilosus</i> DC.		PROV: ch	000m: 1-2,2-3	RANGE: cag mex	herb
<i>repens</i> L.		PROV: ch	000m: 1-2	RANGE: eur nag sag	herb
<i>Thalictrum</i>					
<i>panamense</i> Standl.		PROV: ch	000m: 1-2	RANGE: end	herb
<i>viridulum</i> Boivin		PROV: ch	000m: 1-2	RANGE: end	herb
93 (63) BERBERIDACEAE					
<i>Berberis</i>					
<i>nigricans</i> Kuntze		PROV: ch	000m: 2-3,3+	RANGE: cr	shrub
94 (64) MENISPERMACEAE					
* <i>Abuta</i>					
* <i>dwyerana</i> Kruk. & Barneby		PROV: ca cn da pa	000m: 0-1,1-2,2-3	RANGE: cr	shrub
* <i>panamensis</i> (Standl.) Kruk. & Barneby		PROV: ca cn da da pa	000m: 0-1	RANGE: bel cr gua hon mex	woody climber
* <i>racemosa</i> (Thunb.) Tr. & Pl.		PROV: ca da	000m: 0-1	RANGE: bol col	climber
<i>Anomospermum</i>					
* <i>chloranthum</i> Diels					
*--subsp. <i>isthmicola</i> Kruk. & Barneby		PROV: da pa	000m: 0-1	RANGE: col	climber
* <i>reticulatum</i> (Mart.) Eichl.					
*--subsp. <i>allenii</i> Kruk. & Barneby		PROV: cc cn pa	000m: 0-1	RANGE: col	climber
*--subsp. <i>dielsianum</i> (Mold.) Kruk. & Barneby		PROV: da	000m: we	RANGE: per sao	viny tree
*--subsp. <i>glabrescens</i> Kruk. & Barneby		PROV: da	000m: 1-2	RANGE: ven	viny tree
*--subsp. <i>idroboi</i> Kruk. & Barneby		PROV: cc ch cn	000m: 0-1	RANGE: col cr sag	viny tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
94 (64) MENISPERMACEAE cont.					
Chondrodendron					
tomentosum R. & P.		PROV: ca da pa	000m: 0-1	RANGE: bol col per	climber
*toxicoferum (Wedd.) Kruk. & Mold.		PROV: da	000m: 0-1	RANGE: wr	climber
Cissampelos					
*andromorpha DC.		PROV: pa	000m: 0-1	RANGE: bol cao col cr ecu	climber
fasciculata Benth.		PROV: bo ca cc ch da	000m: 0-1,1-2	gua gui ven RANGE: col cr ecu gua mex	viny shrub
*grandifolia Tr. & Pl.		PROV: bo ch da	000m: 0-1	mex nic sao RANGE: col cr ecu hon mex	climber
pareira L.		PROV: bo ca cc ch cn	000m: 0-1,1-2	per pr ven RANGE: afr ang asi cag fla	viny shrub
tropaeolifolia DC.		PROV: da lo pa vr bo ca cc ch cn	000m: 0-1,1-2	mex oce sag RANGE: bel bol cag col cr	climber
		da pa sa vr		ecu gua hon mex nic per sag? sal sao sat ven	
*Curarea					
*toxicofera (Wedd.) Barneby & Kruk.		PROV: ca cn da pa	000m: 0-1,1-2	RANGE: bol col ecu per sao	shrub
*Disciphania					
*ernstii Eichl.		PROV: da pa	000m: 0-1	RANGE: col ecu per sat ven	herb
*--var. ernstii		PROV: pa	000m: 0-1	RANGE: wr	climber
*inversa Barneby					
Hyperbaena					
allenii Standl.		PROV: cc	000m: 0-1	RANGE: end	tree
*tonduzii Diels		PROV: lo	000m: 0-1	RANGE: cr sal	tree
Odontocarya					
*tamnoides (DC.) Miers					
*--var. canescens (Miers) Barneby		PROV: ca pa	000m: 0-1	RANGE: lag nag?	shrub
*tripetala Diels		PROV: da pa	000m: 0-1	RANGE: sat	climber
truncata Standl.		PROV: ca cn da	000m: 0-1	RANGE: col cr	viny shrub
*Sciadotenia					
*nitida (Riley) Kruk. & Barneby		PROV: ca da	000m: 0-1	RANGE: col	viny shrub
*ramiflora Eichl.		PROV: da	000m: we	RANGE: col ecu per sat	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

122

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
95 (65) MAGNOLIACEAE					
Magnolia sororum Seib.		PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: end	tree
*Michelia *champaca L.	cult.	PROV: pa	000m: 0-1	RANGE: wr	herb
Talauma gloriensis Pitt. sambuensis Pitt.		PROV: cc PROV: da	000m: 0-1 000m: 0-1,1-2	RANGE: cr RANGE: end	tree tree
95A (66) WINTERACEAE					
Drimys granadensis L. f.		PROV: ch da pa vr	000m: 0-1,1-2	RANGE: cag? mex per ven	shrub tree
98 (67) ANNONACEAE					
Anaxagorea allenii R.E. Fries		PROV: ca cn pa sa	000m: 0-1	RANGE: cag sat	tree
*crassipetala Hemsl.		PROV: cn da	000m: 0-1	RANGE: cag sat	tree
panamensis Standl.		PROV: ca pa	000m: 0-1	RANGE: cr	shrub
*phaeocarpa Mart.		PROV: bo da	000m: 0-1	RANGE: cr sat	tree
Annona acuminata Saff.		PROV: ca ch da pa	000m: 0-1	RANGE: end	tree
*cherimola Mill. glabra L.		PROV: ch PROV: bo ca cn da pa	000m: 2-3 000m: 0-1	RANGE: ang cag col mex RANGE: afr ang cag mex per	tree tree
hayesii Standl.		sa PROV: ca da pa	000m: 0-1	sag? sao RANGE: end	shrub tree
*montana Macfad.		PROV: cc cn lo	000m: 0-1	RANGE: ang sat	tree
*muricata L.		PROV: ca sa vr	000m: 0-1,1-2	RANGE: cag sat	tree
*palmeri Saff.		PROV: wp	000m: we	RANGE: mex	tree
*pittieri J.D. Sm. purpurea Dunal		PROV: wp PROV: ca ch da lo vr	000m: we 000m: 0-1	RANGE: wr RANGE: bel cr ecu mex trt	wh tree
*reticulata L.		PROV: cn pa	000m: 0-1	RANGE: cag sat	tree
*scleroderma Saff.		PROV: cn	000m: 0-1	RANGE: cag	shrub
spraguei Saff.		PROV: ca cn da pa	000m: 0-1	RANGE: end	tree
*squamosa L.	cult.	PROV: pa	000m: 0-1	RANGE: cag sat	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
98 (67) ANNONACEAE cont.					
*Canangia					
*odorata (Lam.) Hook. f. & Thoms. intr. cult.		PROV: bo ca cc pa	000m: 0-1	RANGE: afr ang asi cag sat	tree
Crematosperma					
anomalum R.E. Fries		PROV: cn da	000m: 0-1	RANGE: col	tree
Cymbopetalum					
brasiliense (Vell.) Benth.		PROV: da	000m: 0-1	RANGE: col gui sat trt ven	tree
costaricense (J.D. Sm.) R.E. Fries		PROV: bo	000m: 0-1	RANGE: cr	tree
lanugipetalum Schery		PROV: cc cn sa	000m: 0-1	RANGE: cag sat	shrub tree
Desmopsis					
bibracteata (Rob.) Saff.		PROV: ch lo	000m: 0-1,1-2	RANGE: cr nic	shrub tree
brevipes R.E. Fries		PROV: bo	000m: 0-1	RANGE: cag	shrub tree
maxonii Saff.		PROV: ch	000m: 1-2	RANGE: cag	tree
microcarpa R.E. Fries		PROV: bo pa	000m: 0-1	RANGE: cr	tree
panamensis (Rob.) Saff.		PROV: ca	000m: 0-1	RANGE: col cr	tree
Duguetia					
panamensis Standl.		PROV: bo pa	000m: 0-1	RANGE: col cr	tree
vallicola Macbr.		PROV: da	000m: 0-1	RANGE: col ven	shrub tree
Guatteria					
aeruginosa Standl.		PROV: bo ch da	000m: 0-1	RANGE: cag	tree
allenii R.E. Fries		PROV: cc da	000m: 0-1,1-2	RANGE: cag	tree
amplifolia Tr. & Pl.		PROV: bo ca cn pa sa	000m: 0-1	RANGE: ang cag sat	tree
chiriquiensis R.E. Fries		PROV: ch	000m: 0-1	RANGE: cag	tree
*dolichopoda J.D. Sm.		PROV: bo da pa sa	000m: 0-1,1-2	RANGE: cag	tree
dumetorum R.E. Fries		PROV: ca ch cn da	000m: 0-1	RANGE: cag sat	tree
inuncta R.E. Fries		PROV: bo cc cn	000m: 0-1	RANGE: cr	shrub tree
--var. caudata R.E. Fries		PROV: bo pa	000m: 0-1	RANGE: cag	shrub tree
*jefensis Barringer		PROV: pa	000m: 0-1	RANGE: end	shrub tree
lucens Standl.		PROV: bo sa	000m: 0-1	RANGE: ang cag sat	tree
*oliviformis J.D. Sm.		PROV: da pa	000m: 0-1	RANGE: cag sat	tree
panamensis R.E. Fries		PROV: bo lo	000m: 0-1	RANGE: end	tree
*recurvisepala R.E. Fries		PROV: cn he pa vr	000m: 0-1	RANGE: cr	tree
slateri Standl.		PROV: bo ch	000m: 1-2,2-3	RANGE: cag	tree
*tonduzii Diels		PROV: cc da pa	000m: 0-1,1-2	RANGE: cr	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

124

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
98 (67) ANNONACEAE cont.					
Malmea					
*depressa (Baill.) R.E. Fries		PROV: da pa sa	000m: 0-1	RANGE: cag mex	tree
hypoglauca (Standl.) R.E. Fries		PROV: sa	000m: 0-1	RANGE: col	tree
Oxandra					
longipetala R.E. Fries		PROV: ca da lo	000m: 0-1	RANGE: ang cag	tree
panamensis R.E. Fries		PROV: da	000m: 0-1	RANGE: ang cag	tree
Porcelia					
magnifructa (Schery) R.E. Fries		PROV: pa	000m: 0-1	RANGE: ven	tree
Rollinia					
*jimenezli Saff.		PROV: cn sa vr	000m: 0-1,1-2	RANGE: wr	tree
microsepala Standl.		PROV: bo	000m: 0-1	RANGE: cr	tree
permensis Standl.		PROV: ch sa	000m: 0-1	RANGE: ang cag sat	tree
pittieri Saff.		PROV: sa	000m: 0-1	RANGE: ang cag sat	tree
*Stelechocarpus					
*burahol Hook. f. & Thoms. cult.		PROV: ca	000m: 0-1	RANGE: wr	tree
Stenanona					
panamensis Standl.		PROV: bo	000m: 0-1	RANGE: end	tree
Unonopsis					
*floribunda Diels		PROV: bo ca	000m: 0-1	RANGE: sat	tree
panamensis R.E. Fries		PROV: cn pa	000m: 0-1	RANGE: end	tree
pittieri Saff.		PROV: bo ca cc cn da he lo pa sa vr	000m: 0-1	RANGE: cr	tree
Xylopia					
aromatica (Lam.) Mart.		PROV: ca pa	000m: 0-1	RANGE: ang cag sat	tree
bocatorena Schery		PROV: bo ca cn pa sa	000m: 0-1	RANGE: cag	tree
frutescens Aubl.		PROV: ca cc da pa	000m: 0-1	RANGE: bel gua sat	tree shrub
*longifolia DC.		PROV: ca	000m: 0-1	RANGE: gui	tree
macrantha Tr. & Pl.		PROV: ca cn pa	000m: 0-1	RANGE: col ven	tree
*xylopioides (Dunal) Standl.		PROV: pa	000m: 0-1	RANGE: wr	tree
99 (68) MYRISTICACEAE					
Compsoeura					
*capitellata (A. DC.) Warb.		PROV: pa	000m: 0-1	RANGE: per sao	tree
sprucei (A. DC.) Warb.		PROV: bo cn sa	000m: 0-1	RANGE: cag mex per sag? sao	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
99 (68) MYRISTICACEAE cont.					
Dialyanthera					
otoba (H. & B.) Warb.		PROV: bo ch	000m: 0-1	RANGE: col cr	tree
*parvifolia Markgr.		PROV: cn	000m: 0-1	RANGE: end	tree
Myristica					
fragrans Houtt.		PROV: bo	000m: 0-1	RANGE: asi cag?	tree
*Osteophloeum					
*platyspermum (A. DC.) Warb.		PROV: cc	000m: 0-1	RANGE: wr	tree
*Otoba					
*acuminata (Standl.) A. Gentry		PROV: bo cc cn pa	000m: 0-1	RANGE: end	tree
*latialata (Pitt.) A. Gentry		PROV: ca cn da pa sa	000m: 0-1	RANGE: col	tree
*novagranatensis Mold.		PROV: bo cn da	000m: 0-1	RANGE: col	tree
Virola					
elongata (Benth.) Warb.		PROV: ca	000m: 0-1	RANGE: per sao	shrub tree
guatemalensis (Hemsl.) Warb.		PROV: ch	000m: 0-1	RANGE: cag? gua	tree
koschnyi Warb.		PROV: ch da	000m: 0-1	RANGE: cag? gua	tree
*macrocarpa A.C. Smith		PROV: sa	000m: 0-1	RANGE: wr	wh
*megacarpa A. Gentry		PROV: cn	000m: 0-1	RANGE: end	tree
sebifera Aubl.		PROV: bo ca ch cn da pa	000m: 0-1	RANGE: bol cag? nic per sag? sao	tree
*surinamensis (Rol.) Ward		PROV: ca cn pa	000m: 0-1	RANGE: cr gui lag sao	tree
101 (69) MONIMIACEAE					
*Iryanthera					
*juruensis Warb.		PROV: cn	000m: 0-1	RANGE: col	tree
*megistocarpa A. Gentry		PROV: pa	000m: 0-1	RANGE: end	tree
*ulei Warb.		PROV: da	000m: 0-1	RANGE: col	tree
Mollinedia					
costaricensis J.D. Sm.		PROV: ch	000m: 1-2	RANGE: cr	shrub tree
darienensis Standl.		PROV: da	000m: 0-1	RANGE: end	shrub
*minutiflora Standl. & L.O. Wms.		PROV: da	000m: 1-2	RANGE: cr	treelet
pinchotiana Perk.		PROV: ch da	000m: 1-2, 2-3	RANGE: cag	shrub tree
stipitata Duke		PROV: ch	000m: 1-2, 2-3	RANGE: cag	shrub
Siparuna					
diandra Duke		PROV: da	000m: 0-1	RANGE: col	shrub
griseo-flavescens Perk.		PROV: ch pa	000m: 0-1	RANGE: cr	shrub
guianensis Aubl.		PROV: bo ca ch da he pa vr	000m: 0-1	RANGE: col cr per sao	shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

126

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
101 (69) MONIMIACEAE cont.					
*macrophylla (H.B.K.) DC. nicaraguensis Hemsl.		PROV: da PROV: bo ca cc cn da pa	000m: 1-2 000m: 0-1	RANGE: col RANGE: cag mex	shrub shrub tree
*paralleloneura Perk.		PROV: ch	000m: 1-2	RANGE: wr	shrub
*patelliformis Perk. pauciflora (Beurl.) A. DC.		PROV: pa PROV: bo ca cc ch cn da pa	000m: 0-1 000m: 0-1	RANGE: wr RANGE: col cr per	treelet shrub tree
riparia (Tul.) A. DC.		PROV: ch da	000m: 1-2	RANGE: cag col mex	shrub tree
tetraceroides Perk.		PROV: ch	000m: 0-1	RANGE: cr	shrub tree
tonduziana Perk.		PROV: bo da vr	000m: 0-1,1-2	RANGE: cag? gua	tree shrub tree
102 (70) LAURACEAE					
Alouea					
*costaricensis (Mez) Kosterm.		PROV: ch	000m: 2-3	RANGE: cr	tree
lundelliana Allen		PROV: ch	000m: 0-1,1-2	RANGE: end	tree
*Aniba					
*hostmanniana (Nees) Mez		PROV: pa	000m: 0-1	RANGE: gui per sao	tree
*puchury-minor (Mart.) Mez		PROV: da	000m: 0-1	RANGE: bol col per sao	tree
Beilschmiedia					
*anay (Blake) Kosterm.		PROV: pa	000m: 0-1	RANGE: hon	shrub
*pendula (Sw.) Hemsl.		PROV: ca lo	000m: 0-1	RANGE: ang cr	tree
*sulcata (R. & P.) Kosterm.		PROV: ch da	000m: 1-2,2-3	RANGE: col cr per ven	tree
*Cassytha					
*filiformis L.		PROV: sa	000m: 0-1	RANGE: wdt	parasite
Endlicheria					
browniana Mez		PROV: bo cn pa sa	000m: 0-1	RANGE: col	tree
*paniculata (Spr.) Macbr.		PROV: pa	000m: 0-1	RANGE: sag	tree
*sericea Nees		PROV: cc	000m: 0-1	RANGE: ang sat	tree
Licaria					
*armeniaca (Nees) Kosterm.		PROV: da pa	000m: 0-1,1-2	RANGE: sat	treelet
*canella (Meisn.) Kosterm.		PROV: pa	000m: 0-1	RANGE: col sat	tree
excelsa Kosterm.		PROV: ch da pa sa	000m: 0-1,1-2	RANGE: cr	tree
*misantlae (Brandeg.) Kosterm.		PROV: ch	000m: 0-1	RANGE: cag col mex	tree
*triandra (Sw.) Kosterm.		PROV: cc da lo	000m: 0-1,1-2	RANGE: ang cag col ecu gag per ven	tree
Nectandra					
*cissiflora Nees		PROV: ca	000m: 0-1	RANGE: per sao sat	tree
*coriacea (Sw.) Griseb.		PROV: ca cn	000m: 0-1	RANGE: cag	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
102 (70) LAURACEAE cont.					
* <i>cufodontisii</i> (O.C. Schmidt) Allen		PROV: ch pa	000m: 0-1,1-2,2-3	RANGE: cr	tree
<i>dauidsoniana</i> Allen		PROV: ch	000m: 1-2	RANGE: end	tree
<i>gentlei</i> Lund.		PROV: ca cc ch cn da pa	000m: 0-1,1-2	RANGE: bel gua hon mex	tree
* <i>glabrescens</i> Benth.		PROV: ca sa	000m: 0-1	RANGE: sat	tree
<i>globosa</i> (Aubl.) Mez		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: ang cag cr gui mex per	tree
* <i>kunthiana</i> (Nees) Kosterm.		PROV: bo	000m: 0-1	RANGE: col cr ecu per ven	tree
<i>laurei</i> Nees		PROV: ca	000m: 0-1	RANGE: cr per sag?	tree
* <i>martinicensis</i> Mez		PROV: bo ca ch cn da	000m: 0-1,1-2	RANGE: bel col cr ecu lag mex nic sai trt ven	tree
* <i>membranacea</i> (Sw.) Griseb.		PROV: bo	000m: 0-1	RANGE: cr per	tree
<i>nitida</i> Mez		PROV: pa	000m: 0-1	RANGE: mex?	tree
<i>paulii</i> Allen		PROV: ch	000m: 0-1,1-2	RANGE: cr	tree
* <i>pichurim</i> (H.B.K.) Mez		PROV: ca pa	000m: 0-1	RANGE: sat	tree
* <i>purpurea</i> (R. & P.) Mez		PROV: bo ca cn da sa	000m: 0-1	RANGE: cag col nic sao	tree
<i>ramonensis</i> Standl.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	shrub
<i>reticulata</i> (R. & P.) Mez		PROV: bo ca	000m: 0-1	RANGE: cag mex per sag	tree
<i>rigida</i> Nees		PROV: ca	000m: 0-1	RANGE: sag? sao	shrub
<i>salicina</i> Allen		PROV: ch	000m: 0-1,1-2	RANGE: cr	tree
* <i>savannarum</i> (Standl. & Steyerl.) C.K. Allen		PROV: ca	000m: 0-1	RANGE: bel gua hon	tree
<i>smithii</i> Allen		PROV: cc pa	000m: 0-1,1-2	RANGE: cr	tree
* <i>turbacensis</i> (H.B.K.) Nees		PROV: ca da pa	000m: 0-1	RANGE: sao ven	tree
					shrub?
<i>Ocotea</i>					
<i>atirrensis</i> Mez		PROV: bo pa	000m: 0-1,1-2	RANGE: cr	shrub
* <i>aurantiodora</i> (R. & P.) Mez		PROV: ca	000m: 0-1	RANGE: gui sao trt ven	tree
* <i>auriculata</i> Lasser		PROV: cc	000m: 0-1,1-2	RANGE: wr	shrub
<i>austini</i> Allen		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree
* <i>caracasana</i> (Nees) Mez		PROV: ch	000m: 1-2	RANGE: ven	tree
<i>cernua</i> (Nees) Mez		PROV: bo ca ch da pa vr	000m: 0-1,1-2	RANGE: ang cag cr gui mex per sao	tree
<i>dendrodaphne</i> Mez		PROV: ca cc cn da pa	000m: 0-1,1-2	RANGE: cr gua hon mex	shrub
					tree
* <i>endresiana</i> Mez		PROV: cc	000m: 0-1	RANGE: cr	tree
* <i>eusericea</i> Lund.		PROV: ch	000m: 1-2	RANGE: end	tree
<i>ira</i> Mez		PROV: bo ch cn	000m: 0-1	RANGE: cr	tree
* <i>leucoxydon</i> Mez		PROV: pa	000m: 0-1	RANGE: ang ven	tree
* <i>meziana</i> Allen		PROV: pa	000m: 0-1,1-2	RANGE: cr	tree
					shrub
* <i>micans</i> Mez		PROV: wp	000m: we	RANGE: col	tree
* <i>oblonga</i> (Meisn.) Mez		PROV: ca	000m: 0-1	RANGE: gui	tree
<i>palmana</i> Mez & J.D. Sm.		PROV: bo	000m: 1-2	RANGE: cr	tree
<i>paulii</i> Allen		PROV: cc ch pa sa vr	000m: 0-1,1-2	RANGE: cr	tree
					shrub?



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

128

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
102 (70) LAURACEAE cont.					
*puberula Nees rubrinervis Mez		PROV: ca PROV: he lo pa	000m: 0-1 000m: 0-1	RANGE: bol bol gui mex sao RANGE: bol per	tree tree shrub
*skutchii Allen	cult.	PROV: ca cn pa	000m: 0-1	RANGE: col cr mex nwt	tree
*stenoneura Mez & Pitt. subsericea Standl.		PROV: ch da PROV: cc da pa	000m: 2-3 000m: 0-1, 1-2	RANGE: cr ecu RANGE: cr	tree tree
*tonduzii Standl. veraguensis (Meisn.) Mez		PROV: cc PROV: cc ch pa vr	000m: 0-1 000m: 0-1	RANGE: cr RANGE: cag mex nic	tree tree
*viridiflora Lund. wedeliana Allen whitei Woods.		PROV: ch PROV: bo cn PROV: cc ch sa	000m: 2-3 000m: 0-1 000m: 0-1, 1-2	RANGE: end RANGE: end RANGE: cr	shrub tree tree tree
Persea					
americana Mill.	cult.	PROV: ca ch he pa	000m: 0-1	RANGE: ang cag cr mex	tree
*caerulea (R. & P.) Mez		PROV: cc ch he vr	000m: 0-1, 1-2	RANGE: cag cr sat	tree
*obtusifolia Kopp		PROV: ch	000m: 2-3	RANGE: end	treelet
rigens Allen		PROV: bo ch	000m: 1-2	RANGE: end	tree
schiedeana Nees		PROV: ch pa	000m: 0-1, 1-2, 2-3, 3+	RANGE: cag gua mex	tree
veraguasensis Seem.		PROV: ch	000m: 0-1, 1-2, 2-3	RANGE: cr	shrub tree
Phoebe					
brenesii Standl.		PROV: ch vr	000m: 0-1, 1-2	RANGE: cr	tree
*cinnamomifolia (Kunth) Nees		PROV: ca cc ch da he pa	000m: 0-1, 1-2, 2-3	RANGE: cag col gua mex per ven	tree tree
costaricana Mez		PROV: ch	000m: 1-2	RANGE: cr	tree
johnstonii Allen		PROV: ca pa	000m: 0-1	RANGE: end	tree
*mollicella Blake		PROV: ca	000m: 0-1	RANGE: cr	tree
*neurophylla Mez & Pitt. pittieri Mez		PROV: pa PROV: ch da	000m: 0-1 000m: 1-2, 2-3	RANGE: cr RANGE: cr	tree tree
*valeriana Standl.		PROV: vr	000m: we	RANGE: cr	shrub tree
103 (71) HERNANDIACEAE					
Hernandia					
didymantha J.D. Sm.		PROV: bo cc ch	000m: 0-1	RANGE: cr	tree
*hammelii D'Arcy		PROV: cc	000m: 0-1	RANGE: end	tree
stenura Standl.		PROV: bo	000m: 0-1	RANGE: cr	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
104 (72) PAPAVERACEAE					
Argemone mexicana L.		PROV: cn	000m: 0-1	RANGE: ang cag mex nag owg sag sao	herb
Bocconia frutescens L.		PROV: cc ch da	000m: 0-1,1-2	RANGE: ang cag mex sag	tree shrub
105 (74) CRUCIFERAE					
Brassica campestris L.	intr.	PROV: ch	000m: 0-1,1-2	RANGE: nwg owg	herb
integrifolia (Willd.) Rupr.	intr.	PROV: pa	000m: 0-1	RANGE: owg	herb
Cakile lanceolata (Willd.) O.E. Schulz --subsp. lanceolata		PROV: bo cn	000m: 0-1	RANGE: ang cag col fla ven	herb
Cardamine *flexuosa With.	intr.	PROV: ca	000m: 0-1	RANGE: ang eur	herb
ovata Benth.		PROV: ch pa	000m: 0-1	RANGE: bol col cr ecu per ven	herb
Lepidium virginicum L.		PROV: ch	000m: 1-2	RANGE: ang nag	herb
*Nasturtium *officinale R. Br.	intr. cult.	PROV: ch	000m: 1-2	RANGE: nwg owg	herb
*Raphanus *sativus L.	intr. cult.	PROV: ch	000m: 1-2	RANGE: nwg owg	herb
Romanschulzia costaricensis (Standl.) Rollins		PROV: ch	000m: 2-3	RANGE: cr	herb
Rorippa *palustris (L.) Besser	intr.	PROV: bo	000m: we	RANGE: eur nag	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

130

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
107 (73) CAPPARACEAE					
<i>Capparis</i>					
* <i>amplissima</i> Lam.		PROV: pa	000m: 0-1	RANGE: gag	tree
<i>antonensis</i> Woods.		PROV: cc cn pa sa vr	000m: 0-1	RANGE: end	tree
<i>chiriquensis</i> Woods.		PROV: ch	000m: 0-1	RANGE: end	tree
<i>crotonantha</i> Standl.		PROV: sa	000m: 0-1	RANGE: end	tree
<i>cynophallophora</i> L.		PROV: ca ch cn da lo	000m: 0-1	RANGE: ang bah cag fla mex	shrub
		pa sa vr		ven	tree
* <i>discolor</i> J.D. Sm.		PROV: da pa	000m: 0-1,1-2	RANGE: cr	shrub
<i>filipes</i> J.D. Sm.		PROV: bo sa	000m: 0-1	RANGE: cr	tree
<i>flexuosa</i> L.		PROV: ca lo pa sa	000m: 0-1	RANGE: ang cag fla mex per	shrub
				ven	tree
<i>frondosa</i> Jacq.		PROV: ca da lo pa sa	000m: 0-1	RANGE: ang cag mex per sag?	shrub
				sao	tree
* <i>indica</i> (L.) Fawc. & Rendl.		PROV: ca he	000m: 0-1	RANGE: gag	tree
* <i>macrophylla</i> H.B.K.		PROV: da vr	000m: 0-1	RANGE: sat	tree
<i>mirifica</i> Standl.		PROV: ca pa	000m: 0-1	RANGE: end	tree
<i>odoratissima</i> Jacq.		PROV: ca cc lo pa	000m: 0-1	RANGE: ang cag mex per ven	shrub
					tree
<i>ovalifolia</i> R. & P.		PROV: da	000m: 0-1	RANGE: per sag?	shrub
					tree
* <i>pachaca</i> H.B.K.					
*--subsp. <i>oxysepala</i> (Wright) Iltis		PROV: da	000m: 0-1	RANGE: wr	shrub
* <i>panamensis</i> Iltis		PROV: pa	000m: 0-1	RANGE: end	tree
* <i>pittieri</i> Standl.		PROV: cn da pa sa	000m: 0-1	RANGE: cag	tree
<i>uniflora</i> Woods.		PROV: cc	000m: 0-1	RANGE: wr	tree
<i>verrucosa</i> Jacq.		PROV: ca da pa	000m: 0-1	RANGE: cag mex ven	shrub
<i>Cleome</i>					
<i>longipes</i> DC.		PROV: bo da	000m: 0-1	RANGE: cr per sag?	herb
* <i>parviflora</i> H.B.K.		PROV: ca da	000m: 0-1	RANGE: cag ecu gui mex per	herb
				sao sat	
<i>pilosa</i> Benth.		PROV: bo ca ch lo pa	000m: 0-1,1-2	RANGE: cag col mex ven	herb
		vr			
<i>pubescens</i> Sims		PROV: da vr	000m: 0-1	RANGE: cr his sao	herb
* <i>rutidosperma</i> DC.	intr.	PROV: ca	000m: 0-1	RANGE: afr ang fla hon jam	herb
				sao trt	
* <i>rutiolosperma</i> DC.		PROV: bo	000m: 0-1	RANGE: sao	herb
<i>serrata</i> Jacq.		PROV: bo ca cn da he	000m: 0-1	RANGE: cag col cub jam mex	herb
		pa sa			
<i>speciosa</i> H.B.K.	intr. cult. nat.				
		PROV: ca pa	000m: 0-1	RANGE: cag? mex sag?	herb
<i>spinosa</i> Jacq.	cult.	PROV: ch cn da	000m: 0-1,1-2	RANGE: cag? sag?	herb
<i>Crataeva</i>					
<i>tapia</i> L.		PROV: ca cc ch pa vr	000m: 0-1	RANGE: jam	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
107 (73) CAPPARACEAE cont.					
<i>*Forchhammeria</i>					
<i>*trifoliata</i> Radlk.					
<i>*--subsp. grandifolia</i> Hansen		PROV: bo	000m: 0-1	RANGE: bel cr gua mex	shrub
<i>*Morisonia</i>					
<i>*americana</i> L.		PROV: ca da pa	000m: 0-1	RANGE: ang cag gag sat	tree
<i>*oblongifolia</i> Britton		PROV: sa	000m: 0-1	RANGE: col sao	tree
<i>Podandrogynne</i>					
<i>chiriquensis</i> (Standl.) Woods.		PROV: bo cc ch vr	000m: 0-1,1-2	RANGE: cr	herb
<i>*decipiens</i> (Tr. & Pl.) Woods.		PROV: pa	000m: 0-1	RANGE: col	shrub
<i>*--subsp. chiriquensis</i> (Standl.) Cochrane		PROV: ch	000m: 2-3	RANGE: wr	herb
<i>*--subsp. pulcherrima</i> (Standl.) Cochrane		PROV: ch	000m: 0-1,1-2,2-3	RANGE: cr	herb
<i>*formosa</i> Cochrane		PROV: ch	000m: 3+	RANGE: cr	shrub
<i>Steriphoma</i>					
<i>macranthum</i> Standl.		PROV: da	000m: 0-1	RANGE: end	shrub tree
<i>*paradoxum</i> Endl.		PROV: da	000m: 0-1	RANGE: ven	shrub
<i>Tovaria</i>					
<i>pendula</i> R. & P.		PROV: ch da	000m: 0-1,1-2	RANGE: cag mex per ven	herb shrub

108 (75) RESEDACEAE

<i>Reseda</i>					
<i>luteola</i> L.		intr. cult. PROV: ch	000m: 1-2	RANGE: owt	herb

109 (76) MORINGACEAE

<i>Moringa</i>					
<i>oleifera</i> Lam.		intr. cult. PROV: wp	000m: 0-1	RANGE: owg	shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

132

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
112 (76A) DROSERACEAE					
Drosera					
panamensis Correa & A.S. Taylor		PROV: vr	000m: 0-1	RANGE: end	herb
113 (78) PODOSTEMACEAE					
Marathrum					
allenii Woods.		PROV: cc ch	000m: 0-1	RANGE: end	herb
cheiriferum Royen		PROV: cc pa	000m: 0-1	RANGE: col cr	herb
*diversifolium Royen		PROV: cc	000m: 0-1	RANGE: end	herb
foeniculaceum H. & B.		PROV: pa	000m: 0-1	RANGE: cag col mex	herb
*haenkeanum Engl.		PROV: ca	000m: 0-1	RANGE: col per	herb
indifferens Royen		PROV: ca ch	000m: 0-1	RANGE: cag	herb
leptophyllum Royen		PROV: ch	000m: 0-1	RANGE: end	herb
oxycarpum Tul.		PROV: cc pa	000m: 0-1	RANGE: col hon	herb
pusillum Royen		PROV: pa	000m: 0-1	RANGE: end	herb
*schiedeanum (Cham.) Tul.		PROV: pa	000m: 0-1	RANGE: cr mex	herb
stenocarpum (Wedd.) Royen		PROV: ca pa	000m: 0-1	RANGE: col	herb
Tristicha					
trifaria (Willd.) Spr.		PROV: ca pa	000m: 0-1	RANGE: afr cag cr cub sag	herb
115 (77) CRASSULACEAE					
Echeveria					
australis Rose		PROV: ch	000m: 0-1	RANGE: cr	herb
Kalanchoe					
pinnata (Lam.) Pers.		intr. cult. nat. PROV: ch vr	000m: 0-1	RANGE: afr	herb
117 (79) SAXIFRAGACEAE					
Escallonia					
*paniculata (R. & P.) R. & S.		PROV: ch	000m: 1-2	RANGE: cr sat	tree
poasana J.D. Sm.		PROV: ch	000m: 2-3, 3+	RANGE: cr	tree
Hydrangea					
oerstedii Briq.		PROV: cc ch	000m: 0-1, 1-2	RANGE: cr mex? per sag?	woody climber
peruviana Moric.		PROV: ca cc ch cn pa	000m: 0-1, 1-2	RANGE: cr per sag?	woody climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
117 (79) SAXIFRAGACEAE cont.					
preslii Briq.		PROV: cc	000m: 0-1,1-2	RANGE: cr ecu per	shrub woody climber shrub
Philadelphus myrtoides Bertol.		PROV: ch	000m: 1-2	RANGE: cr gua	shrub
Phyllonoma ruscifolia R. & S. *tenuidens Pitt.		PROV: ch da PROV: ch	000m: 1-2,2-3 000m: 1-2	RANGE: bol cr sag? RANGE: cr	tree shrub
*Ribes *leptostachyum Benth.		PROV: bo ch	000m: 3+	RANGE: cr	shrub
119 (80A) BRUNELLIACEAE					
Brunellia *costaricensis Standl. darienensis Cuatr. & Porter		PROV: da PROV: da	000m: 1-2 000m: 0-1,1-2	RANGE: cr RANGE: end	tree tree
120 (80) CUNONIACEAE					
Weinmannia glabra L. f. *--var. caripensis (H.B.K.) Engl. *laurina H.B.K. *--var. pseudolaurina (Woods.) Bernardi pinnata L. *wercklei Standl.		PROV: ch PROV: ch PROV: da pa PROV: ch da PROV: bo ch	000m: 1-2,2-3 000m: 1-2 000m: 0-1,1-2 000m: 1-2,2-3 000m: 1-2	RANGE: col mex per sat ven RANGE: col ven RANGE: end RANGE: ang cag cub jam mex per sag? sao RANGE: cag	shrub tree shrub tree tree shrub tree tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

134

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
126 (81) ROSACEAE					
<i>Acaena</i> <i>elongata</i> L.		PROV: ch	000m: 2-3	RANGE: col cr ecu gua mex	herb
<i>Alchemilla</i> <i>aphanoides</i> L. f.		PROV: ch	000m: 2-3	RANGE: bol cag? mex sag?	herb
<i>orbiculata</i> R. & P.		PROV: ch	000m: 2-3	RANGE: bol cag? mex sag?	herb
* <i>sibbaldiaefolia</i> H.B.K.		PROV: ch	000m: 2-3	RANGE: cag	herb
* <i>standleyi</i> Perry		PROV: ch	000m: 3+	RANGE: wr	herb
<i>Chrysobalanus</i> <i>icaco</i> L.		cult. PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: afr ang cag ecu fla mex sag? sao	shrub
<i>Couepia</i> * <i>macrophylla</i> Hook. f.		PROV: da	000m: 0-1	RANGE: cag	tree
* <i>polyandra</i> (Kunth) Rose		PROV: cc	000m: 0-1	RANGE: cag? mex	tree
<i>Eriobotrya</i> * <i>japonica</i> Lindl.		intr. cult. PROV: ch	000m: 1-2	RANGE: asi	shrub tree
<i>Hesperomeles</i> <i>heterophylla</i> (R. & P.) Hook.		PROV: ch	000m: 2-3	RANGE: bol col cr ecu per ven	shrub tree
<i>Hirtella</i> <i>americana</i> L.		PROV: ca cc da he pa vr	000m: 0-1	RANGE: bel col cr cub gua? mex ven	tree
* <i>latifolia</i> Prance		PROV: bo cn pa sa	000m: 0-1	RANGE: wr	tree
<i>racemosa</i> Lam.		PROV: bo ca cc cn da he lo pa sa vr	000m: 0-1	RANGE: bel bol cag? mex per sag? sao	shrub tree
*--var. <i>hexandra</i> (R. & S.) Prance		PROV: pa	000m: 0-1	RANGE: wr	wh
<i>triandra</i> Sw.		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: ang bel bol cag gua mex per sag? sao	shrub tree
* <i>tubiflora</i> Cuatr.		PROV: pa	000m: 0-1, 1-2	RANGE: col	tree
<i>Holodiscus</i> <i>argenteus</i> (L. f.) Maxim.		PROV: ch	000m: 0-1	RANGE: col cr gua mex	shrub
* <i>Lachemilla</i> <i>pascuorum</i> (Standl.) Rothm.		PROV: ch	000m: 0-1, 1-2	RANGE: wr	herb
* <i>pectinata</i> (H.B.K.) Rothm.		PROV: ch	000m: 2-3, 3+	RANGE: cag per	herb
<i>Licania</i> * <i>affinis</i> Fritsch		PROV: cn pa	000m: 0-1	RANGE: sat	treelet
<i>arborea</i> Seem.		PROV: ca cc ch pa vr	000m: 0-1	RANGE: cag col mex	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
126 (81) ROSACEAE cont.					
*chiriquiensis Prance		PROV: ch	000m: 1-2	RANGE: end	tree
*cruegeriana Urb.		PROV: cn pa	000m: 0-1	RANGE: trt	tree
*fasciculata Prance		PROV: cn pa	000m: 0-1	RANGE: end	tree
hypoleuca Benth.		PROV: bo ca da pa	000m: 0-1	RANGE: bel cag col mex	tree
*jefensis Prance		PROV: ca cn pa	000m: 0-1	RANGE: end	shrub
*kallunkii Prance		PROV: cn	000m: 0-1	RANGE: end	tree
*longistyla (Hook. f.) Fritsch		PROV: wp	000m: we	RANGE: per	wh
*macrocarpa Cuatr.		PROV: wp	000m: we	RANGE: col ecu per	wh
*morii Prance		PROV: ca pa	000m: 0-1	RANGE: end	tree
platypus (Hemsl.) Fritsch cult.		PROV: bo ca ch da lo pa	000m: 0-1	RANGE: cag col mex	tree
*Maranthes					
*panamensis (Standl.) Prance & White		PROV: ca pa sa	000m: 0-1	RANGE: cr nic	tree
Prunus					
annularis Koehne		PROV: ch pa	000m: 0-1,1-2	RANGE: cag? cr mex? sag?	tree
*brachybotrya Zucc.		PROV: ch	000m: 2-3	RANGE: mex	tree
*Rosa					
*centifolia L.		intr. cult. PROV: ca	000m: 0-1	RANGE: owg	herb
Rubus					
*eriocarpus Liebm.		PROV: ch	000m: 3+	RANGE: cag	shrub
glaucus Benth.		PROV: ch	000m: 1-2,2-3,3+	RANGE: col ecu	viny shrub
panamanus Bailey		PROV: ch	000m: 2-3	RANGE: end	viny shrub
praecipuus Bailey		PROV: ch	000m: 1-2	RANGE: end	viny shrub
tantus Bailey		PROV: ch	000m: 1-2	RANGE: end	viny shrub
trichomallus Schlecht.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: cag mex	viny shrub

127 (82) CONNARACEAE

Cnestidium					
rufescens Planch.		PROV: bo ca cc ch cn da he pa vr	000m: 0-1	RANGE: cag col cub ecu mex ven	climber
*Cnestis					
*ferruginea DC.		intr. cult. PROV: ca	000m: 0-1	RANGE: afr	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
127 (82) CONNARACEAE cont.					
Connarus					
*lambertii (DC.) Sagot		PROV: cn pa	000m: 0-1	RANGE: cag gui sat trt	shrub
*nervatus Cuatr.		PROV: da	000m: 0-1	RANGE: col?	tree
panamensis Griseb.		PROV: ca cc ch da he pa vr	000m: 0-1	RANGE: col cr gua nic ven	climber
*silvanensis Cuatr.		PROV: cn da	000m: 0-1, 1-2	RANGE: col	tree
turczaninowii Triana		PROV: ca cn da	000m: 0-1	RANGE: end	climber
Williamsii Britt.					
--var. allenii (Steyerm.) Forero		PROV: da	000m: 0-1	RANGE: end	tree
--var. Williamsii		PROV: da	000m: 0-1	RANGE: col	climber
Rourea					
adenophora S.F. Blake		PROV: ca ch	000m: 0-1	RANGE: hon	climber
glabra H.B.K.		PROV: ca cc cn da lo pa sa vr	000m: 0-1	RANGE: cag cub jam mex sao sat trt	climber
pittieri S.F. Blake		PROV: cn da pa	000m: 0-1	RANGE: col	climber
*suerrensis J.D. Sm.		PROV: pa	000m: 0-1	RANGE: cr mex nic	tree climber

128 (83) LEGUMINOSAE

Abrus					
precatorius L.		PROV: bo sa	000m: 0-1	RANGE: wdw	climber
Acacia					
*acanthophylla (Britt. & Rose) Standl.		PROV: ca	000m: 0-1	RANGE: cr gua hon mex	climber
angustissima (Mill.) Kuntze		PROV: ch	000m: 1-2	RANGE: cag nic sag	shrub tree
*auriculæformis Benth. cult.		PROV: ca	000m: 0-1	RANGE: oce	tree
*collinsii Saff.		PROV: ca cc ch he lo pa vr	000m: 0-1	RANGE: cag col mex	shrub tree
cookii Saff.		PROV: bo	000m: 0-1	RANGE: bel gua hon nic	shrub tree
farnesiana (L.) Willd.		PROV: ca cc pa	000m: 0-1	RANGE: ang cag mex nag? nic sag sao	shrub tree
*glauca (L.) Moench		PROV: wp	000m: we	RANGE: ang cag jam nic	shrub
glomerosa Benth.		PROV: ca	000m: 0-1	RANGE: cag mex nic sag sao	tree
hayesii Benth.		PROV: ca da pa	000m: 0-1	RANGE: cr hon nic	climber shrub
macracantha Willd. cult.		PROV: ca	000m: 0-1	RANGE: ang cag? col nic sag	tree
melanoceras Beurl.		PROV: ca cn pa	000m: 0-1	RANGE: cr nic	shrub tree
riparia H.B.K.		PROV: ca ch pa	000m: 0-1	RANGE: bol cr ecu nic sag sao	shrub tree
*ruddiae Janzen		PROV: cn	000m: 0-1	RANGE: cr gua	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>tenuifolia</i> (L.) Willd.		PROV: da sa	000m: 0-1	RANGE: ang cag mex nic sag	climber
<i>Acosmium</i> <i>panamense</i> (Benth.) Yakovl.		PROV: ca da pa	000m: 0-1	RANGE: cag col mex sal ven	tree
<i>Adenopodia</i> * <i>polystachya</i> (L.) Dixon		PROV: bo ca ch he pa	000m: 0-1	RANGE: ang cag mex sag	climber
<i>Aeschynomene</i> <i>americana</i> L.		PROV: bo ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: cr jam	herb
*--var. <i>glandulosa</i> (Poir.) Rudd		PROV: bo ca ch he pa vr	000m: 0-1, 1-2	RANGE: mex nas sag	herb
<i>brasiliiana</i> (Poir.) DC. <i>ciliata</i> Vog.		PROV: ca pa ca ch cn pa	000m: 0-1 000m: 0-1	RANGE: sao cag ecu jam mex sag	herb herb
<i>elegans</i> Schlecht. & Cham. <i>histris</i> Poir.		PROV: ch ca cc lo pa	000m: 1-2 000m: 0-1	RANGE: col cr mex cag sat	herb herb
--var. <i>incana</i> (Vog.) Benth.		PROV: ca cc lo pa	000m: 0-1	RANGE: cag mex sag sao	herb
<i>pratensis</i> Small		PROV: cc he pa	000m: 0-1	RANGE: sat	herb
--var. <i>caribaea</i> Rudd		PROV: cc he pa	000m: 0-1	RANGE: ang cub sag	herb
<i>rudis</i> Benth.		PROV: pa	000m: 0-1	RANGE: cag ecu nag sag sao	herb
<i>sensitiva</i> Sw.		PROV: bo ca cc cn da he pa	000m: 0-1	RANGE: ang cag mex sag	herb
<i>villosa</i> Poir.		PROV: ca pa vr	000m: 0-1	RANGE: cag nag pr sag	herb
<i>Albizia</i> <i>adinocephala</i> Record	cult.	PROV: ca pa	000m: 0-1	RANGE: bel cag nic sal	tree
<i>carbonaria</i> Britt. & Wils.		PROV: da	000m: 0-1	RANGE: col sal	tree
<i>caribaea</i> (Urb.) Britt. & Rose		PROV: sa	000m: 0-1	RANGE: ang cag? sag?	tree
<i>gauchapele</i> Record		PROV: ca	000m: 0-1	RANGE: cag? gua nic per sag?	tree
<i>lebbeck</i> (L.) Benth.	cult.	PROV: ca	000m: 0-1	RANGE: afr ang asi nic nwg?	tree
* <i>procera</i> (Roxb.) Benth.	intr. cult.	PROV: ca	000m: 0-1	RANGE: owt	tree
<i>Alysicarpus</i> <i>vaginalis</i> (L.) DC.		PROV: bo ca cc ch cn he pa sa vr	000m: 0-1	RANGE: gag nao sat	herb
* <i>Amicia</i> * <i>glandulosa</i> H.B.K.		PROV: da	000m: 1-2	RANGE: ecu per sag?	shrub
<i>Andira</i> <i>inermis</i> (W. Wright) H.B.K.		PROV: bo ca cc ch da he pa vr	000m: 0-1	RANGE: afr ang mex nas nwg	tree
<i>Ateleia</i> <i>gummifera</i> (DC.) D. Dietr.		PROV: he	000m: 0-1	RANGE: ang bel cag cub mex	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
Bauhinia					
*aculeata L.		PROV: pa	000m: 0-1	RANGE: lag sal	shrub
*beguinotii Cufod.		PROV: pa sa	000m: 0-1	RANGE: col cr	shrub treelet
cumanensis H.B.K.		PROV: wp	000m: 0-1	RANGE: ang gui sag? ven	climber
emarginata Mill.		PROV: cc pa	000m: 0-1	RANGE: sag?	shrub tree
eucosma Blake		PROV: ca pa	000m: 0-1	RANGE: end	climber
*glabra Jacq.		PROV: ca	000m: 0-1	RANGE: cag mex per sao ven	climber
*guianensis Aubl.		PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: bol cr mex sao trt	climber
hymeneaefolia Triana		PROV: wp	000m: 0-1	RANGE: col?	climber
ligulata Pitt.		PROV: sa	000m: 0-1	RANGE: end	tree
*microstachya (Raddi) Macbr.		PROV: da	000m: 0-1	RANGE: per	climber
monandra Kurz		intr. cult.			
obovata Blake		PROV: cc pa	000m: 0-1	RANGE: ang asi col sag	tree
pauletia Pers.		PROV: da	000m: 0-1	RANGE: end	climber
		PROV: ca he lo pa	000m: 0-1	RANGE: cag mex sag? trt	shrub tree
*petiolata Hook.		PROV: cn	000m: 0-1	RANGE: wr	tree
*picta (H.B.K.) DC.		PROV: sa	000m: 0-1	RANGE: col ven	tree
purpurea L.		intr. PROV: ca	000m: 0-1	RANGE: asi	shrub
reflexa Schery		PROV: ca da sa	000m: 0-1	RANGE: col	climber
standleyi Rose		PROV: ca cc pa	000m: 0-1	RANGE: cr	climber
storkii (Rose) Schery		PROV: bo	000m: 0-1	RANGE: end	climber
ungulata L.		PROV: ca ch da he vr	000m: 0-1	RANGE: cag mex per sag sao	shrub tree
*variegata L.		PROV: pa	000m: 0-1	RANGE: wr	climber
Brownea					
macrophylla Linden		PROV: ca cn da pa	000m: 0-1	RANGE: sag?	tree
rosa-de-monte Berg.		PROV: ca da sa	000m: 0-1	RANGE: cr sag? trt	tree
Browneopsis					
excelsa Pitt.		PROV: da	000m: 0-1	RANGE: end	tree
Caesalpinia					
coriaria (Jacq.) Willd.		PROV: ca cc	000m: 0-1	RANGE: ang cag mex sag?	tree
crista L.		PROV: ca cc ch cn pa	000m: 0-1	RANGE: asi ecu wdw?	viny shrub
eriosachys Benth.		PROV: cc pa	000m: 0-1	RANGE: cag cub mex	tree
pulcherrima (L.) Sw.		cult. PROV: bo ca lo pa	000m: 0-1	RANGE: asi cag? per	shrub tree
Cajanus					
bicolor DC.		cult. PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: cag gag sat	shrub subshrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>Calliandra</i>					
<i>caracasana</i> (Jacq.) Benth.		PROV: ch	000m: 1-2,2-3	RANGE: ang? cag? ecu mex? ven	shrub tree
<i>confusa</i> Sprague & Riley		PROV: ch	000m: 1-2	RANGE: cag mex sag?	tree shrub
<i>cumingii</i> Benth.		PROV: wp	000m: we	RANGE: cr mex? sag? ven?	shrub
<i>glaberrima</i> (Benth.) Britt. & Killip		PROV: ca cc pa	000m: 0-1	RANGE: col	tree shrub?
<i>magdalenae</i> (Bert.) Benth.		PROV: ch vr	000m: 0-1	RANGE: cag mex sag	tree
<i>pittieri</i> Standl.		PROV: da	000m: 0-1	RANGE: col	tree
<i>seemanni</i> Benth.		PROV: vr	000m: we	RANGE: cr? sag?	shrub tree?
<i>tetragona</i> (Willd.) Benth.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag mex sag	shrub tree
<i>Calopogonium</i>					
<i>coeruleum</i> (Benth.) Sauv.		PROV: bo ca cc ch da he lo pa vr	000m: 0-1	RANGE: cag sat	climber
<i>galactioides</i> (H.B.K.) Hemsf.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: cag mex sag?	climber
<i>mucunoides</i> Desv.		PROV: bo ca cc ch cn he lo pa vr	000m: 0-1	RANGE: cag sat	climber
<i>Canavalia</i>					
<i>bicarinata</i> Standl.		PROV: ca cc ch da lo pa	000m: 0-1	RANGE: col cr ecu per	climber
<i>brasiliensis</i> Benth.		PROV: bo ca pa	000m: 0-1	RANGE: cag fia mex sag sao	climber
<i>dictyota</i> Piper		PROV: ca pa sa	000m: 0-1	RANGE: ang cag? gui sao	climber
<i>ensifomis</i> (L.) DC.		PROV: ca	000m: 0-1	RANGE: sat	climber
<i>glabra</i> (Mart. & Gal.) Sauer		PROV: he lo	000m: 0-1	RANGE: cag? mex per sag?	climber
<i>gladiata</i> (Jacq.) DC.		PROV: pa	000m: 0-1	RANGE: owt	climber
<i>maritima</i> (Aubl.) Thou.		PROV: bo ca ch cn lo pa sa	000m: 0-1	RANGE: vdv	climber
<i>oxyphylla</i> Standl. & L.O. Wms.		PROV: bo ca cc ch cn pa vr	000m: 0-1	RANGE: cag? hon mex sag?	climber
<i>villosa</i> Benth.		PROV: cc ch he lo pa vr	000m: 0-1,1-2	RANGE: cag mex	climber
<i>Cassia</i>					
<i>fistula</i> L.		PROV: ca	000m: 0-1	RANGE: ang asi cag sag sao	tree
<i>grandis</i> L. f.		PROV: bo ca cc da pa	000m: 0-1	RANGE: ang cag mex sag sao	tree
<i>moschata</i> H.B.K.		PROV: ca pa	000m: 0-1	RANGE: cag gui sag sao	tree
<i>regia</i> Standl.		PROV: ca	000m: 0-1	RANGE: cub	tree
<i>Centrolobium</i>					
<i>paraense</i> Tul.					
--var. <i>orinocense</i> Benth.		PROV: da	000m: 0-1	RANGE: ecu gui sao	tree
<i>yavizanum</i> Pitt.		PROV: da	000m: 0-1	RANGE: end	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<b>Centrosema</b>					
angustifolia (H.B.K.) Benth.		PROV: ca cc ch he pa	000m: 0-1	RANGE: cag sag?	climber
macrocarpa Benth.		PROV: bo ca	000m: 0-1	RANGE: gui sao	climber
pascuora Benth.		PROV: cc pa	000m: 0-1	RANGE: ecu sag? sao	climber
plumieri (Pers.) Benth.		PROV: bo ca cc lo pa	000m: 0-1	RANGE: nwg?	herb climber
pubescens Benth.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: ang cag mex nag sag	climber
sagittata Riley		PROV: ca da lo pa sa vr	000m: 0-1	RANGE: sao	climber
vexillata Benth.		PROV: pa sa	000m: 0-1	RANGE: cag sat gui sag? sao	climber
<b>Chaetocalyx</b>					
latisiliqua Hemsl.		PROV: bo ca cc ch da	000m: 0-1	RANGE: cr ecu sag?	climber
<b>Chamaecrista</b>					
*desvauxii (Collad.) Killip					
*--var. brevipes (Benth.) Irwin & Barneby		PROV: cc ch	000m: 0-1,1-2	RANGE: cr hon nic sag sao	shrub
diphylla (L.) Greene		PROV: cc pa	000m: 0-1	RANGE: sat ang cag mex sag sao	herb
*fagonioides (Vog.) Irwin & Barneby		PROV: cc pa	000m: 0-1	RANGE: bel col	herb
*--var. fagonioides		PROV: cc	000m: 0-1	RANGE: ang bol cag mex sag	herb
flexuosa (L.) Greene				RANGE: sao	
*glandulosa (L.) Greene		PROV: ca	000m: 0-1	RANGE: ang	shrub
*kunthiana (Schlect. & Cham.) Irwin & Barneby		PROV: ca cc pa vr	000m: 0-1,1-2	RANGE: cag mex sag sao sat	herb subshrub
<b>*nictitans</b>					
*--subsp. disadena (Steud.) Irwin & Barneby					
*--var. disadena (Steud.) Irwin & Barneby		PROV: ch	000m: 0-1	RANGE: cag mex sag sao	herb
*--var. pilosa (Benth.) Irwin & Barneby		PROV: ch	000m: 0-1	RANGE: cag cr mex sao sat	herb
*--subsp. nictitans					
*--var. jaliscensis		PROV: ca pa	000m: 0-1	RANGE: cag cub mex per sat	herb
*--subsp. patellaria (Collad.) Irwin & Barneby					
*--var. paraguariensis (Chod. & Hassl.) Irwin & Barneby		PROV: ca pa	000m: 0-1	RANGE: bol cag col gua sao	herb
*--var. ramosa (Vog.) Irwin & Barneby		PROV: ca pa	000m: 0-1	RANGE: sat ang bel cr mex per	herb
rotundifolia (Pers.) Greene		PROV: ch	000m: 0-1	RANGE: sag sao sat ang cag cub mex nas	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
*serpens (L.) Greene		PROV: pa	000m: 0-1	RANGE: sag	herb
<i>Clitoria</i>					
falcata Lam.		PROV: ca cc ch pa	000m: 0-1	RANGE: afr ang cag sag	climber
glaberrima Pitt.		PROV: ca cc lo pa	000m: 0-1	RANGE: cag mex ven	tree
guianensis (Aubl.) Benth.		PROV: cc ch pa	000m: 0-1	RANGE: ang cag mex sag	herb
javitensis (H.B.K.) Benth.					
--var. portobellensis (Beurl.) Fantz					
polystachya Benth.		PROV: ca ch cn da pa	000m: 0-1	RANGE: ven	climber
ternatea L.	cult. nat.	PROV: ch	000m: 1-2	RANGE: cag	shrub
		PROV: bo ca pa	000m: 0-1	RANGE: owg wdw?	climber
<i>Cologania</i>					
biloba (Lindl.) Nichols.		PROV: ch	000m: 1-2	RANGE: cag nag?	herb
procumbens Kunth		PROV: ch	000m: 1-2	RANGE: cag col mex	herb
<i>Copaifera</i>					
aromatica Dwyer		PROV: ch da pa vr	000m: 0-1	RANGE: end	tree
panamensis (Britt.) Standl.		PROV: ca cc	000m: 0-1	RANGE: end	tree
<i>Cracca</i>					
mollis (H.B.K.) Benth. & Oerst.		PROV: ca cc ch pa	000m: 0-1	RANGE: cag ecu mex ven	herb shrub
<i>Crotalaria</i>					
cajanifolia H.B.K.		PROV: ca cc ch cn he pa vr	000m: 0-1	RANGE: cag cub mex	herb shrub tree
incana L.		PROV: bo ca he lo pa	000m: 0-1	RANGE: cr jam sal	herb shrub
longirostrata H. & A.		PROV: ch	000m: 0-1	RANGE: cag mex sal	shrub tree
maypurensis H.B.K.		PROV: vr	000m: 0-1	RANGE: cr sag	shrub herb
micans Link		PROV: ca ch pa vr	000m: 0-1	RANGE: ang cag mex sag	shrub herb
pilosa Mill.		PROV: ca ch cn da he lo pa	000m: 0-1, 1-2	RANGE: cag cub jam sag	herb
retusa L.		PROV: bo ca cc ch cn da lo pa	000m: 0-1	RANGE: cr nwg pr	herb
rotundifolia J.F. Gmel.		PROV: ch he pa	000m: 0-1	RANGE: cag mex nag	herb
sagittalis L.		PROV: bo ca ch he lo pa	000m: 0-1, 1-2	RANGE: cag gua mex nag sag sal	herb
spectabilis Roth	cult. nat.				
		PROV: ca cc cn da pa	000m: 0-1	RANGE: asi	herb
verrucosa L.		PROV: bo ca	000m: 0-1	RANGE: ang cag fla	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>Cymbosema roseum</i> Benth.		PROV: ca pa	000m: 0-1	RANGE: cag col mex per sag? climber sao	
<i>Cynometra bauhiniaefolia</i> Benth.		PROV: ca cn pa	000m: 0-1	RANGE: col cr gui per sao tree sat	
<i>Dalbergia brownei</i> (Jacq.) Urb.		PROV: bo ca cn da lo pa sa vr	000m: 0-1	RANGE: ang cag fla mex sag	shrub tree
<i>cuscatlanica</i> (Standl.) Standl.		PROV: pa	000m: 0-1	RANGE: cr gua	tree
* <i>darienensis</i> Rudd		PROV: da	000m: 0-1	RANGE: end	tree
<i>ecastaphylla</i> (L.) Taub.		PROV: bo sa	000m: 0-1	RANGE: ang cag fla mex sag? sao	shrub tree
<i>monetaria</i> L. f.		PROV: ca cn	000m: 0-1	RANGE: ang cag mex sag	shrub tree
<i>retusa</i> Hemsl.		PROV: ca cc cn da pa	000m: 0-1	RANGE: cr mex nic	tree
<i>Dalea carthagenensis</i> (Jacq.) Macbr.					
--var. <i>barbata</i> (Oerst.) Barneby		PROV: cc he pa	000m: 0-1	RANGE: ang cag col fla mex per ven	shrub subshrub
<i>cliffortiana</i> Willd.		PROV: cc he lo	000m: 0-1	RANGE: asi cag ecu mex ven	herb
<i>Delonix regia</i> (Boj.) Raf.	intr.	PROV: ca	000m: 0-1	RANGE: afr ang cag sag	tree
<i>Desmanthus virgatus</i> (L.) Willd.		PROV: ca cc pa	000m: 0-1	RANGE: ang cag fla gal sag sao tex	shrub herb
<i>Desmodium adscendens</i> (Sw.) DC.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: afr ang asi cag? sag?	herb
<i>affine</i> Schlecht.		PROV: ca	000m: 0-1	RANGE: ang cag mex sag	herb
<i>angustifolium</i> (H.B.K.) DC.		PROV: ca ch he pa vr	000m: 0-1,1-2	RANGE: cag mex sag	herb
<i>axillare</i> (Sw.) DC.					
--var. <i>acutifolium</i> (Kuntze) Urb.		PROV: ca cc ch cn da he lo pa	000m: 0-1	RANGE: ang cag col gui sao	herb
--var. <i>axillare</i>		PROV: bo ca cc ch da he pa	000m: 0-1,1-2	RANGE: ang cag mex nwt sag	herb
--var. <i>stoloniferum</i> (Poir.) Schubert		PROV: ca ch cn da lo pa sa	000m: 0-1	RANGE: cag gag sag	herb
<i>barbatum</i> (L.) Benth.		PROV: bo ca cc ch cn da pa vr	000m: 0-1,1-2	RANGE: afr asi nwg?	herb
<i>cajanifolium</i> (H.B.K.) DC.		PROV: bo ca cc ch cn pa vr	000m: 0-1	RANGE: ang mex sag	herb shrub



TAXON	FAMILY	PROVINCES	ELEVATION (OOOM.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>campylociados</i> Hemsl.		PROV: cc ch	OOOm: 0-1, 1-2	RANGE: cag col per ven	herb shrub
<i>distortum</i> (Aubl.) Macbr.		PROV: ca cc ch da he pa vr	OOOm: 0-1	RANGE: cag mex sag	herb shrub
<i>glabrum</i> (Mill.) DC.		PROV: ca ch cn pa	OOOm: 0-1	RANGE: ang cr gal mex sag	herb
<i>incanum</i> DC.		PROV: bo ca cc ch cn da he lo pa sa vr	OOOm: 0-1	RANGE: ang cag	herb shrub
<i>infractum</i> DC.		PROV: ca lo vr	OOOm: 0-1	RANGE: cag col ecu mex ven	climber
<i>intortum</i> (Mill.) Urb.		PROV: bo ch da	OOOm: 0-1, 1-2, 2-3	RANGE: nvt	herb
*-var. <i>apiculatum</i> Schubert		PROV: wp	OOOm: ve	RANGE: mex	herb
<i>macrodesmum</i> (Blake) Standl. & Steyerl.		PROV: bo cc pa	OOOm: 0-1	RANGE: bel gua hon	herb
<i>naxonii</i> (Standl.) Standl.		PROV: ch	OOOm: 1-2, 2-3	RANGE: cag mex	shrub
<i>molliculum</i> (W.B.K.) DC.		PROV: ch	OOOm: 1-2	RANGE: cag mex sag	herb
<i>perrottetii</i> DC.		PROV: cc	OOOm: 0-1	RANGE: gui per	herb
<i>procumbens</i> (Mill.) Hitchc.					
*-var. <i>longipes</i> (Schindl.) Schubert		PROV: ca cc ch pa	OOOm: 0-1	RANGE: cag mex sag	herb
*-var. <i>procumbens</i>		PROV: bo ca da pa vr	OOOm: 0-1	RANGE: afr ang asi cag mex nvt sag sat	herb
<i>rhynchodesmum</i> (Blake) Standl.		PROV: bo cn	OOOm: 0-1	RANGE: cr	climber subshrub?
<i>saccatum</i> Schubert		PROV: cc ch pa	OOOm: 0-1	RANGE: and	climber
<i>scorpiurus</i> (Sw.) Desv.		PROV: bo ca cc ch cn lo pa vr	OOOm: 0-1	RANGE: afr nvg oce	herb
<i>sericophyllum</i> Schlecht.		PROV: ch	OOOm: 0-1, 1-2	RANGE: cag col mex ven	herb
<i>tortuosum</i> (Sw.) DC.		PROV: bo ca cc ch da lo pa	OOOm: 0-1	RANGE: nvg	herb shrub
<i>triflorum</i> (L.) DC.		PROV: bo ca cc ch cn pa	OOOm: 0-1	RANGE: cag gag sat vdt	herb
* <i>venustum</i> Steud.		PROV: ch	OOOm: 2-3	RANGE: mex	herb
<i>vydlerianum</i> Urb.		PROV: ca da	OOOm: 0-1	RANGE: ang cag cr pr sag seo	subshrub
<i>Dialium</i>					
<i>guianense</i> (Aubl.) Sandw.		PROV: da sa	OOOm: 0-1	RANGE: cag? gua per sag? seo	tree
<i>Dioclea</i>					
<i>aura</i> R.W. Maxwell		PROV: da	OOOm: 0-1	RANGE: col	climber
<i>guianensis</i> Sandw.		PROV: bo ca cc ch cn da pa	OOOm: 0-1	RANGE: cag gui mex sag trt	climber
<i>megacarpa</i> Rolfe		PROV: ca cc da pa sa	OOOm: 0-1	RANGE: cr trt	climber
<i>paniculata</i> R.W. Maxwell		PROV: ca cn	OOOm: 0-1	RANGE: col	climber
<i>pulchra</i> Wald.		PROV: bo da	OOOm: 0-1	RANGE: col	climber
<i>reflexa</i> Hook. f.		PROV: bo ca cc ch cn da pa sa	OOOm: 0-1	RANGE: afr vdt	climber
<i>virgata</i> (Rich.) Amshoff		PROV: ca da pa	OOOm: 0-1	RANGE: cag gui mex sag seo	climber
<i>wilsonii</i> Standl.		PROV: bo ca ch da he pa	OOOm: 0-1	RANGE: ang cag hon mex nas oce sag? seo	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

144

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>Diphysa robinoides</i> Benth.		PROV: ca cc ch da he lo pa sa vr	000m: 0-1,1-2	RANGE: cag mex nic	tree
* <i>Dipteryx panamensis</i> (Pitt.) Record & Mell		PROV: bo ca cn da pa	000m: 0-1	RANGE: col cr	tree
<i>Dussia cuscatlanica</i> (Standl.) Standl. & Steyerm.		PROV: ch da	000m: 0-1,1-2	RANGE: cag gua mex sai	tree
<i>macrophyllata</i> (J.D. Sm.) Harms		PROV: bo cn	000m: 0-1	RANGE: cr	tree
<i>Entada monostachya</i> DC.		PROV: bo ca da pa	000m: 0-1	RANGE: afr ang cag sag	climber
<i>Enterolobium cyclocarpum</i> (Jacq.) Griseb.		PROV: bo ca cc ch pa	000m: 0-1	RANGE: cag mex	tree
<i>schomburgkii</i> Benth.		PROV: ch pa	000m: 0-1	RANGE: cag? gua mex sag? sao	tree
<i>Eriosema crinitum</i> (H.B.K.) G. Don		PROV: ca cc ch pa vr	000m: 0-1,1-2,2-3	RANGE: bel cr ven	herb subshrub
<i>diffusum</i> (H.B.K.) G. Don		PROV: ch pa vr	000m: 0-1,1-2	RANGE: cag col mex	herb subshrub
<i>simplicifolium</i> (H.B.K.) G. Don		PROV: ch	000m: 0-1	RANGE: cag gag gui sag? ven	herb
<i>violaceum</i> (Aubl.) G. Don		PROV: ca cc pa	000m: 0-1	RANGE: cag gag gui mex sag? sao	herb subshrub
<i>Erythrina berteriana</i> Urb.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag col mex ven	tree
<i>chiriquensis</i> Kruk.		PROV: ch da	000m: 1-2,2-3	RANGE: cr	tree
<i>costaricensis</i> M. Mich.		PROV: bo ca cc ch cn da pa sa	000m: 0-1,1-2	RANGE: col cr	tree
<i>crista-galli</i> L.	cult.	PROV: ca	000m: 0-1	RANGE: sao	tree
<i>edulis</i> Mich.	cult.	PROV: ch	000m: 0-1,1-2	RANGE: bol sag?	tree
<i>fusca</i> Lour.		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: afr nwg? oce	tree
<i>gibbosa</i> Cufod.		PROV: bo cc ch vr	000m: 0-1,1-2	RANGE: cag? cr hon	tree shrub
<i>lanceolata</i> Standl.		PROV: ch	000m: 0-1	RANGE: cag? cr hon	shrub tree
<i>poepigiana</i> (Walp.) O.F. Cook		PROV: ca da	000m: 0-1	RANGE: bol per sag?	tree
<i>rubrinervia</i> H.B.K.		PROV: da pa vr	000m: 0-1,1-2,2-3	RANGE: bel bol col per	shrub tree
<i>Fissicalyx fendleri</i> Benth.		PROV: ca	000m: 0-1	RANGE: gui ven	tree







FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

146

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
portobelliensis Beurl. punctata Willd.		PROV: ca PROV: bo ca cc ch cn da pa sa vr	000m: 0-1 000m: 0-1	RANGE: cr RANGE: cag cr mex per sag? trt	tree tree
*quaternata Poepp. ruiziana G. Don		PROV: bo ca cc ch sa PROV: bo ca cn da pa	000m: 0-1 000m: 0-1	RANGE: cag col cr mex RANGE: cag? nic per sag? sao	tree tree
saffordiana Pitt. *sapindoides Willd.		PROV: da PROV: bo ca cc ch da pa sa	000m: 0-1 000m: 0-1	RANGE: end RANGE: ang cag cr mex	tree tree
spectabilis (Vahl) Willd.		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: col cr mex per ven	tree
standleyana Pitt. *thibaudiana DC.		PROV: da PROV: ca cn da	000m: 0-1 000m: 0-1	RANGE: end RANGE: bel per trt	tree tree
*umbellifera (Vahl) Steud. vera *--subsp. spuria (Willd.) J. Leon		PROV: ca cn da pa PROV: bo ca cc ch da he lo pa vr	000m: 0-1 000m: 0-1	RANGE: per sao RANGE: ang cag mex sag sat	tree tree
Labiab					
purpureus (L.) Sweet	cult.	PROV: ca	000m: 0-1	RANGE: owt	herb
Lennea					
viridiflora Seem.		PROV: ca cc da vr	000m: 0-1	RANGE: end	tree
Leucaena					
*leucocephala (Lam.) de Wit	cult.	PROV: ca	000m: 0-1	RANGE: cag nwg? nwt per	shrub tree
multicapitula Schery		PROV: ca cc da pa	000m: 0-1	RANGE: nic	tree shrub
*trichodes Benth.		PROV: da	000m: 0-1	RANGE: cr ecu per ven	tree
Lonchocarpus					
atropurpureus Benth.		PROV: ca cn	000m: 0-1	RANGE: cr ecu gua hon mex ven	shrub tree
calcaratus Hermann		PROV: cc	000m: 0-1	RANGE: end	tree
chiricanus Pitt.		PROV: ch	000m: 0-1	RANGE: end	tree
densiflorus Benth.		PROV: bo ca	000m: 0-1	RANGE: gui	climb shrub tree
fendleri Benth.		PROV: bo	000m: 0-1	RANGE: ven	tree
guatemalensis Benth. --var. proteranthus (Pitt.) Hermann		PROV: da PROV: cc	000m: 0-1 000m: 0-1	RANGE: cag mex	tree
luteomaculatus Pitt.		PROV: bo ca cn	000m: 0-1	RANGE: end RANGE: bel gua hon	tree tree
monofoliaris Schery		PROV: bo	000m: 0-1	RANGE: cr	tree
oliganthus Hermann		PROV: bo	000m: 0-1	RANGE: cr	shrub tree
peninsularis (J.D. Sm.) Pitt.		PROV: bo	000m: 0-1	RANGE: cag mex	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>pentaphyllus</i> (Poir.) DC.		PROV: bo ca cc cn pa sa vr	000m: 0-1	RANGE: ang cag sag	tree
<i>sericeus</i> (Poir.) DC.		PROV: he vr	000m: 0-1	RANGE: afr ang cag mex sag?	tree
--var. <i>glabrescens</i> Benth.		PROV: ca cn da pa	000m: 0-1	RANGE: afr ang cag sag?	tree
<i>velutinus</i> Seem.		PROV: ca cc ch pa vr	000m: 0-1	RANGE: cag col	tree
<i>Lupinus</i>					
<i>clarkei</i> Oerst.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr hon	herb
<i>costaricensis</i> Dunn		PROV: ch	000m: 2-3,3+	RANGE: cr	herb
<i>Machaerium</i>					
<i>arboreum</i> (Jacq.) Vog.		PROV: ca da	000m: 0-1	RANGE: col cr hon mex ven	shrub tree
<i>biovulatum</i> Mich.		PROV: ca cc pa	000m: 0-1,2-3	RANGE: cag mex	shrub tree
<i>capote</i> Dugand		PROV: da	000m: 0-1	RANGE: col	tree
<i>chambersii</i> Dwyer		PROV: da	000m: 0-1	RANGE: end	tree?
<i>cirrhiferum</i> Pitt.		PROV: cc	000m: 0-1	RANGE: end	tree
* <i>floribundum</i> Benth.		PROV: ca	000m: 0-1	RANGE: mex per ven	shrub climber
<i>glabripes</i> Pitt.		PROV: cc	000m: 0-1	RANGE: end	tree
* <i>kegelii</i> Meisn.		PROV: ca cc pa vr	000m: 0-1	RANGE: cr	tree
<i>longifolium</i> Benth.		PROV: da	000m: 0-1	RANGE: cr nic sag?	shrub climber
<i>lunatum</i> (L. f.) Ducke		PROV: ca ch pa	000m: 0-1	RANGE: afr ang cag sag?	shrub climber tree
* <i>microphyllum</i> (E. Meyer) Standl.		PROV: ca ch cn da he pa sa vr	000m: 0-1	RANGE: sag	shrub climber tree
* <i>milleflorum</i> Pitt.		PROV: ca cc cn da pa	000m: 0-1	RANGE: cr	climber
* <i>riparium</i> Brandeg.		PROV: ca	000m: 0-1	RANGE: bel mex	shrub climber
* <i>robiniifolium</i> (DC.) Vog.		PROV: da	000m: 0-1	RANGE: gui ven	tree
<i>seemannii</i> Seem.		PROV: ca cc ch ch cn da pa	000m: 0-1	RANGE: col gua hon	climber shrub
<i>Macrolobium</i>					
* <i>colombianum</i> (Britt. & Killip) Killip		PROV: pa	000m: 0-1	RANGE: col ven	tree
<i>modicopetalum</i> Schery		PROV: bo	000m: 0-1	RANGE: sat	tree
<i>pittieri</i> (Rose) Schery		PROV: sa	000m: 0-1	RANGE: end	tree
<i>Macroptilium</i>					
<i>atropurpureum</i> (DC.) Urb.		PROV: ca cc lo pa	000m: 0-1	RANGE: wdw	climber
<i>gracile</i> (Benth.) Urb.		PROV: cc pa	000m: 0-1	RANGE: ang cag sag	herb climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>lathyroides</i> (L.) Urb.		PROV: ca cc cn he lo pa	000m: 0-1	RANGE: mex	herb
<i>longepedunculatum</i> (Benth.) Urb.		PROV: ca cc lo pa vr	000m: 0-1	RANGE: nwt	climber
<i>Mimosa</i>					
<i>albida</i> Willd.		PROV: cc	000m: 0-1	RANGE: cag mex sag?	climber
--var. <i>albida</i>		PROV: ca	000m: 0-1, 1-2	RANGE: gua mex nic sal	shrub
*--var. <i>glabrior</i> Rob.		PROV: ca	000m: 0-1	RANGE: lag sao	herb
<i>casta</i> L.		PROV: bo	000m: 0-1	RANGE: col mex sao	climber
* <i>guilandinae</i> (DC.) Barneby		PROV: bo ca pa	000m: 0-1	RANGE: ang cag mex sag sao	herb
<i>invisa</i> Mart.					shrub
* <i>myriadena</i> Benth.		PROV: bo vr	000m: 0-1	RANGE: sat	climber
<i>panamensis</i> (Benth.) Standl.		PROV: ca cc ch pa vr	000m: 0-1, 1-2	RANGE: col cr	herb
<i>pigra</i> L.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1	RANGE: afr ang cag? sag? sao wdt	shrub
<i>polydactyla</i> Willd.		PROV: ca	000m: 0-1	RANGE: sag? sao	herb
<i>pudica</i> L.	cult.	PROV: bo ca cc ch pa	000m: 0-1	RANGE: ang cag owt per sag	herb
<i>pusilla</i> Benth.		PROV: pa	000m: 0-1	RANGE: cag mex	herb
* <i>quadrivalvis</i> L.		PROV: ca he lo pa	000m: 0-1	RANGE: cr per	climber
*--var. <i>hamata</i> (H.B.K.) Beard		PROV: da pa	000m: 0-1	RANGE: per	climber
<i>somnians</i> Willd.		PROV: ca cc ch pa	000m: 0-1, 1-2	RANGE: cag mex per sag sao	herb
<i>velloziana</i> Mart.		PROV: bo ca	000m: 0-1	RANGE: cag mex sag sao	subshrub viny shrub
<i>Mora</i>					
<i>oleifera</i> (Triana) Ducke		PROV: da pa	000m: 0-1	RANGE: col	tree
<i>Mucuna</i>					
<i>holtonii</i> (Kuntze) Mold.		PROV: bo ca cc cn da vr	000m: 0-1, 1-2	RANGE: cag col mex	climber
<i>mutisiana</i> (H.B.K.) DC.		PROV: bo ca cc da lo pa sa	000m: 0-1	RANGE: col cr ven	climber
<i>rostrata</i> Benth.		PROV: ca cn da	000m: 0-1	RANGE: bol ecu per sao	climber
<i>sloanei</i> Fawc. & Rendl.		PROV: ca cc pa	000m: 0-1	RANGE: afr ang cag	climber
<i>urens</i> (L.) DC.		PROV: ca cc ch da	000m: 0-1, 1-2	RANGE: ang cr	climber
<i>Muellera</i>					
<i>moniliformis</i> L. f.		PROV: bo ca da	000m: 0-1	RANGE: sag? trt	tree
<i>*Myrospermum</i>					
* <i>frutescens</i> Jacq.		PROV: cc	000m: 0-1	RANGE: col cr ven	tree
<i>Myroxylon</i>					
<i>balsamum</i> (L.) Harms		PROV: da pa sa	000m: 0-1	RANGE: cag? mex per sag?	tree
*--var. <i>pereirae</i> (Royle) Harms		PROV: ca da pa	000m: 0-1	RANGE: mex per sao	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>Neptunia</i>					
oleracea Lour.		PROV: cc	000m: 0-1	RANGE: ang col gua mex nic per sao wdw	aquat herb
plena (L.) Benth.		PROV: cc	000m: 0-1	RANGE: ang col ecu gua mex nas nic per sao ven	subshrub
pubescens Benth.		PROV: cc	000m: 0-1	RANGE: ang cag? fla mex nas nic per per sag? sat tex	herb subshrub
<i>Ormosia</i>					
amazonica Ducke		PROV: ca	000m: 0-1	RANGE: per sao	tree
coccinea (Aubl.) Jacks.		PROV: ca sa	000m: 0-1	RANGE: sat	tree
--var. subsimplex (Benth.) Rudd		PROV: ca vr	000m: 0-1	RANGE: col per sao ven	tree
cruenta Rudd		PROV: cc ch	000m: 0-1, 1-2	RANGE: end	tree
macrocalyx Ducke		PROV: bo ca ch pa vr	000m: 0-1	RANGE: bel cag? mex sag? sao	tree
panamensis Benth.		PROV: bo ca ch	000m: 0-1	RANGE: end	tree
tovarensis Pitt.		PROV: da	000m: 1-2	RANGE: col ven	tree
<i>Pachyrhizus</i>					
erosus (L.) Urb.		PROV: bo ca ch cn lo pa sa	000m: 0-1	RANGE: wdw	climber
<i>Paramachaerium</i>					
gruberi Brizicky		PROV: ch	000m: 0-1	RANGE: sat	tree
<i>*Parkia</i>					
*nitida Miq.		PROV: da	000m: 0-1	RANGE: ecu gui sao ven	tree
<i>Peltogyne</i>					
*mexicana Martinez		PROV: da	000m: 0-1	RANGE: mex	tree
purpurea Pitt.		PROV: ca da	000m: 0-1	RANGE: cr	tree
<i>Peltophorum</i>					
inorme Villar	intr.	PROV: ca	000m: 0-1	RANGE: asi	tree
<i>Pentaclethra</i>					
macroloba (Willd.) Kuntze cult.		PROV: bo ca da	000m: 0-1	RANGE: ang cag? nic sag?	tree
<i>Phaseolus</i>					
coccineus L.		PROV: ch	000m: 1-2	RANGE: gua nag	climber
lunatus L.		PROV: ca ch he pa vr	000m: 0-1	RANGE: ang? cag	climber
*peduncularis H.B.K.		PROV: bo ca cc da pa sa	000m: 0-1	RANGE: ang gua sat	climber
*trichocarpus C. Wright		PROV: ca ch da pa	000m: 0-1	RANGE: ang gui	climber
tuerckheimii J.D. Sm.		PROV: ch	000m: 1-2, 2-3	RANGE: cag cr gua mex	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>vulgaris</i> L.	cult.	PROV: wp	000m: we	RANGE: nwg	climber herb
<i>Phyllocarpus septentrionalis</i> J.D. Sm.	intr. cult.	PROV: ca	000m: 0-1	RANGE: cag? gua hon?	tree
<i>Piptadenia flava</i> (Spr.) Benth.		PROV: cc	000m: 0-1	RANGE: cag? mex nic sag?	tree shrub
<i>Piscidia piscipula</i> (L.) Sarg.		PROV: ca	000m: 0-1	RANGE: ang cag fla mex ven	tree
* <i>Pithecellobium barbourianum</i> Standl.		PROV: ca	000m: 0-1	RANGE: end	tree
<i>catenatum</i> J.D. Sm.		PROV: bo	000m: 0-1	RANGE: cr	tree
<i>cognatum</i> Benth.		PROV: ca	000m: 0-1	RANGE: mex	tree
<i>costaricense</i> (Britt. & Rose) Standl.		PROV: ch	000m: 1-2, 2-3	RANGE: cr	tree
* <i>dinizii</i> Ducke		PROV: ca	000m: 0-1	RANGE: col per sao	tree
<i>dulce</i> (Roxb.) Benth.		PROV: ca	000m: 0-1	RANGE: cag mex sag?	tree
<i>fragrans</i> Benth.		PROV: vr	000m: 0-1	RANGE: cag sat	tree
* <i>giganifolium</i> (Schery) J. Leon		PROV: bo	000m: 0-1	RANGE: cr sag?	tree
<i>hymeneaefolium</i> (H. & B.) Benth.		PROV: ca da lo pa	000m: 0-1	RANGE: col ven	shrub climber
* <i>johanseni</i> Standl.		PROV: ch	000m: 0-1	RANGE: bel?	shrub
<i>latifolium</i> (L.) Benth.		PROV: bo ca	000m: 0-1	RANGE: ang bol cag? col hon sao	shrub tree
<i>longifolium</i> (H. & B.) Standl.		PROV: bo ca cc cn da pa	000m: 0-1	RANGE: cag? hon sag?	tree
<i>macradenium</i> Pitt.		PROV: ca	000m: 0-1	RANGE: cr	tree
<i>mangense</i> (Jacq.) Macbr.		PROV: vr	000m: 0-1	RANGE: jam sag?	shrub tree
<i>membranaceum</i> (Benth.) Schery		PROV: ch	000m: 0-1, 1-2	RANGE: cr	tree
<i>oblongum</i> Benth.		PROV: ca pa	000m: 0-1	RANGE: cag mex	tree
<i>pseudo-tamarindus</i> (Britt.) Standl.		PROV: bo	000m: 0-1	RANGE: end	tree
<i>rufescens</i> (Benth.) Pitt., non Mohl. (1966)		PROV: ca cc cn da he lo pa sa	000m: 0-1	RANGE: col cr	tree
--var. <i>vallense</i> Schery		PROV: cc	000m: 0-1	RANGE: end	tree
<i>saman</i> (Jacq.) Benth.		PROV: bo ca he vr	000m: 0-1	RANGE: ang cag mex owg sag	tree
<i>tubuliferum</i> Pitt.		PROV: cc ch	000m: 0-1, 1-2	RANGE: col	shrub tree
* <i>unifoliatum</i> Benth.		PROV: cn	000m: 0-1	RANGE: col ecu per ven	tree
<i>valerioi</i> (Britt. & Rose) Standl.		PROV: bo	000m: 0-1	RANGE: cr	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
Platymiscium					
*darienense Dwyer		PROV: da	000m: 0-1	RANGE: wr	tree
pinnatum (Jacq.) Dugand		PROV: ca cc ch da pa	000m: 0-1	RANGE: col cr gua hon nic per sal trt ven	tree
Platypodium					
elegans Vog.		PROV: ca ch da pa	000m: 0-1	RANGE: sag sao ven	tree
Prioria					
copaifera Griseb.		PROV: bo ca da sa	000m: 0-1	RANGE: ang cag? col nic	tree
Prosopis					
juliflora (Sw.) DC.		PROV: da pa	000m: 0-1	RANGE: ang cag? col nag? sag? ven	shrub tree
Pterocarpus					
belizensis Standl.		PROV: bo ca	000m: 0-1	RANGE: bel	tree
officinalis Jacq.		PROV: bo ca cn da pa	000m: 0-1	RANGE: ang cag ecu sag	tree
*rohrii Vahl		PROV: bo ca da pa	000m: 0-1	RANGE: bel bol cr gua mex nic per sao	tree
Pueraria					
lobata (Willd.) Ohwi		PROV: bo	000m: 0-1	RANGE: asi	climber
*phaseoloides Benth.		PROV: ch da	000m: 0-1	RANGE: ecu per	climber
Rhynchosia					
calycosa Hemsl.		PROV: ca cc ch da lo pa vr	000m: 0-1	RANGE: cag ecu sag?	climber
edulis Griseb.		PROV: pa	000m: 0-1	RANGE: cag nao sag sao	climber
erythroides Schlecht. & Cham.		PROV: bo ca cn pa	000m: 0-1	RANGE: cag cr ecu mex sag	climber
minima (L.) DC.		PROV: bo ca ch lo pa vr	000m: 0-1	RANGE: cag jam mex sag sao	climber
precatoria (Willd.) DC.		PROV: pa	000m: 0-1	RANGE: cag col mex	climber
*pyramidalis (Lam.) Urb.		PROV: bo ca cc cn da	000m: 0-1	RANGE: ang gui mex per sao sat	climber
quercetorum Standl.		PROV: ch	000m: 1-2	RANGE: cag col	climber
reticulata (Sw.) DC.		PROV: ca cc ch he pa vr	000m: 0-1	RANGE: cag gag hon jam mex sag	climber
Schizolobium					
parahybum (Vell.) Blake		PROV: ca da pa	000m: 0-1	RANGE: cag mex sag sao	tree
Schrankia					
hamata Willd.		PROV: ca da pa	000m: 0-1	RANGE: col nic	herb
leptocarpa DC.		PROV: ca cc pa	000m: 0-1	RANGE: ang cag owg sag	herb
Senna					
*alata (L.) Roxb.		PROV: ca cc pa vr	000m: 0-1	RANGE: cag mex owg sag sao	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
*atomaria (L.) Irwin & Barneby		PROV: wp	000m: we	RANGE: ang mex sat	tree
*bacillaris (L.) Irwin & Barneby		PROV: bo ca cc ch lo pa	000m: 0-1	RANGE: ang cr nic sao sat	shrub tree
bicapsularis (L.) Roxb. --var. bicapsularis		PROV: ca cc	000m: 0-1	RANGE: ang cag mex sag sao	shrub tree
*burkartiana (Villa Carenzo) Irwin & Barneby		PROV: ch	000m: 1-2	RANGE: bol sag	shrub tree
*cajamarcae Irwin & Barneby		PROV: ch	000m: 1-2	RANGE: ecu per	shrub tree
*caudata (Standl.) Irwin & Barneby		PROV: pa	000m: 0-1	RANGE: end	shrub tree
*cobanensis (Britt. & Rose) Irwin & Barneby		PROV: bo ca ch da pa vr	000m: 0-1,1-2	RANGE: cag mex per sag sao	herb shrub
*dariensis (Britt. & Rose) Irwin & Barneby		PROV: ca da pa	000m: 0-1	RANGE: col	tree
*--var. dariensis		PROV: ca da pa	000m: 0-1		
*--var. gatunensis (Britt. & Rose) Irwin & Barneby		PROV: ca cn da sa	000m: 0-1	RANGE: col cr	tree
*didymobotrya (Fresen.) Irwin & Barneby		PROV: ca	000m: 0-1	RANGE: afr	shrub tree
*hayesiana (Britt. & Rose) Irwin & Barneby		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: ang cag col mex ven	shrub tree
*hirsuta (L.) Irwin & Barneby		PROV: bo cc da	000m: 0-1	RANGE: ang bol col sao sat	shrub
*--var. hirsuta		PROV: bo cc da	000m: 0-1	RANGE: ang bol col sao sat	shrub
*--var. hirta (L.) Irwin & Barneby		PROV: bo	000m: 0-1	RANGE: ang cag mex sag? sao	shrub tree
*hypoglauca Irwin & Barneby		PROV: cc pa vr	000m: 0-1	RANGE: end	tree
*ligustrina (L.) Irwin & Barneby		PROV: bo	000m: 0-1	RANGE: ang nas	herb subshrub
*macrophylla (Kunth) Irwin & Barneby		PROV: da	000m: 1-2	RANGE: col ven	shrub tree
*multijuga (Rich.) Irwin & Barneby		PROV: ca	000m: 0-1	RANGE: ang? col gui mex per	tree
*nicaraguensis (Benth.) Irwin & Barneby		PROV: ca pa vr	000m: 0-1	RANGE: cag mex	tree
*obtusifolia (L.) Irwin & Barneby		PROV: bo ca cc cn da he pa vr	000m: 0-1	RANGE: asi nwt wdw	herb shrub
occidentalis Link		PROV: bo ca ch pa	000m: 0-1	RANGE: cag mex nas owg per	shrub herb
*pallida (Vahl) Irwin & Barneby		PROV: cc he pa vr	000m: 0-1	RANGE: ang cag mex sag?	shrub
*papillosa (Britt. & Rose) Irwin & Barneby		PROV: bo vr	000m: 0-1,1-2	RANGE: bel col cr mex ven	shrub tree
*--var. papillosa		PROV: bo vr	000m: 0-1,1-2	RANGE: bel col cr mex ven	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
*pendula (Willd.) Irwin & Barneby					
*--var. advena (Vog.) Irwin & Barneby		PROV: ca cc pa	000m: 0-1	RANGE: ang cag? mex sag?	shrub tree
*pilifera (Vol.) Irwin & Barneby					
*--var. subglabra (S. Moore) Irwin & Barneby		PROV: ca pa	000m: 0-1	RANGE: cub mex per sag sao sat	shrub herb
*quinquangulata (Rich.) Irwin & Barneby		PROV: ch da pa vr	000m: 0-1	RANGE: bel cr gua mex per sao sat	shrub
*reticulata (Willd.) Irwin & Barneby		PROV: bo ca cc da he lo pa	000m: 0-1	RANGE: bol cag mex sag sao trt	tree
*septemtrionalis (Viviani) Irwin & Barneby		PROV: pa	000m: 0-1	RANGE: afr ang cag mex owt per sag	shrub tree
*siamea (Lam.) Irwin & Barneby					
	cult.	PROV: ca da pa	000m: 0-1	RANGE: asi wdt	tree
*sophera (L.) Roxb.		PROV: ca	000m: 0-1	RANGE: ang col mex nwt sao	shrub
*spectabilis (DC.) Irwin & Barneby		PROV: ch	000m: 0-1	RANGE: ang cag mex sag	tree
*undulata (Benth.) Irwin & Barneby		PROV: ca pa vr	000m: 0-1	RANGE: cag mex sag sao trt	shrub
*williamsii (Britt. & Rose) Irwin & Barneby		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr	shrub tree
Sesbania					
emerus (Aubl.) Urb.		PROV: ca ch lo pa vr	000m: 0-1	RANGE: ang cag	herb shrub
exasperata H.B.K.		PROV: pa	000m: 0-1	RANGE: ang sag ven	herb shrub
grandiflora (L.) Pers.	cult.	PROV: ca cc pa	000m: 0-1	RANGE: owg	tree
Sophora					
tomentosa L.		PROV: bo cn sa	000m: 0-1	RANGE: cag	shrub
--subsp. occidentalis (L.) Brummitt		PROV: bo cn sa	000m: 0-1	RANGE: afr ang bel col mex tex	shrub
Stizolobium					
pruriens (L.) Medik.		PROV: ca ch da lo pa vr	000m: 0-1	RANGE: wdw	climber
Stylosanthes					
guyanensis (Aubl.) Sw.		PROV: ca cc ch he pa vr	000m: 0-1,1-2	RANGE: cag sat	herb
humilis H.B.K.		PROV: ca cc ch cn pa vr	000m: 0-1	RANGE: ang asi cag col mex oce sao ven	herb
viscosa (L.) Sw.		PROV: cc he lo pa vr	000m: 0-1,1-2	RANGE: cag mex sag? sao	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

154

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>Swartzia</i>					
<i>nuda</i> Schery		PROV: bo	000m: 0-1	RANGE: end	tree
<i>panamensis</i> Benth.		PROV: ca cn da pa sa	000m: 0-1	RANGE: cr hon	tree
<i>simplex</i> (Sw.) Spr.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: ang cag	tree
--var. <i>darienensis</i> (Pitt.) Schery		PROV: ca da pa	000m: 0-1	RANGE: end	tree
*--var. <i>grandiflora</i> (Raddi) Cowan		PROV: ca da pa sa	000m: 0-1	RANGE: bol mex per ven	tree
*--var. <i>ochracea</i> (A. DC.) Cowan		PROV: bo ca ch da pa	000m: 0-1	RANGE: col cr ecu gua hon mex per sao	tree
* <i>Tachigalia</i>					
* <i>versicolor</i> Standl. & L.O. Wms.		PROV: ca cn da pa	000m: 0-1	RANGE: col cr	tree
<i>Tamarindus</i>					
<i>indica</i> L.		PROV: pa	000m: 0-1	RANGE: wdw	tree
<i>Tephrosia</i>					
<i>multifolia</i> Rose		PROV: ca ch he vr	000m: 0-1	RANGE: cag mex	shrub herb
<i>nitens</i> Seem.		PROV: pa	000m: 0-1	RANGE: cag? mex sag? sao	herb shrub
<i>sinapou</i> (Buchoz) A. Chev. cult.		PROV: da sa	000m: 0-1	RANGE: ang cag mex sag	shrub herb
<i>tenella</i> A. Gray		PROV: cc he	000m: 0-1	RANGE: ang cag mex nao	herb
<i>Teramnus</i>					
<i>labialis</i> (L. f.) Spr.		PROV: ca ch lo	000m: 0-1	RANGE: ang owg	climber
<i>uncinatus</i> (L.) Sw.		PROV: ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: wdw	climber
<i>volubilis</i> Sw.		PROV: ca ch cn da pa	000m: 0-1	RANGE: ang cr jam	climber
* <i>Tetrapleura</i>					
* <i>tetraptera</i> (Schum. & Thonn.) Taub. cult.		PROV: ca	000m: 0-1	RANGE: wr	tree
<i>Trifolium</i>					
<i>dubium</i> Sibth.		PROV: ch	000m: 1-2,2-3	RANGE: ang asi cr eur nag sag	herb
<i>repens</i> L. cult.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: eur	herb
<i>Ulex</i>					
<i>europaeus</i> L.		PROV: ch	000m: 1-2	RANGE: cr eur	shrub tree
* <i>Vatairea</i>					
* <i>erythrocarpa</i> Ducke		PROV: ca	000m: 0-1	RANGE: bel gua	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
128 (83) LEGUMINOSAE cont.					
<i>Vigna</i>					
<i>adenantha</i> (G. Meyer) Marechal et al.		PROV: bo ca cc ch da he lo pa	000m: 0-1	RANGE: cag gag sat	climber
<i>caracalla</i> (L.) Verdc.		PROV: bo ca	000m: 0-1	RANGE: cag sat	climber
<i>juruana</i> (Harms) Verdc.		PROV: ca	000m: 0-1	RANGE: afr sag	climber
<i>lasiocarpa</i> (Benth.) Verdc.		PROV: cc ch da lo pa vr	000m: 0-1	RANGE: sao	climber
<i>linearis</i> (H.B.K.) Marechal et al.		PROV: cc pa	000m: 0-1	RANGE: cag mex sag sao	herb climber
<i>longifolia</i> (Benth.) Verdc.		PROV: ca ch da pa	000m: 0-1	RANGE: cub sao	climber
<i>luteola</i> (Jacq.) Benth.		PROV: bo ca ch cn pa sa	000m: 0-1	RANGE: cag gag sat	climber
<i>peduncularis</i> (H.B.K.) Fawc. & Rendl.		PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: cag gag sat	climber
<i>retusa</i> (Meyer) Walp.		PROV: pa	000m: 0-1	RANGE: afr owg sao?	herb climber
<i>unguiculata</i> (L.) Walp. cult.		PROV: cn pa	000m: 0-1	RANGE: sat	herb climber
<i>vexillata</i> (L.) A. Rich.		PROV: bo ca ch cn da pa	000m: 0-1	RANGE: cag sat wdt	climber
<i>Willardia</i>					
<i>schiedeana</i> (Schlecht.) Hermann		PROV: ch	000m: 0-1	RANGE: cag gua mex sal	tree
--var. <i>lindsayi</i> (Standl.) Hermann		PROV: ca	000m: 0-1	RANGE: cr mex	tree
<i>Zornia</i>					
<i>reticulata</i> J.E. Sm.		PROV: ca cc ch cn he lo pa vr	000m: 0-1	RANGE: cag nag sag sao	herb
<i>thymifolia</i> H.B.K.		PROV: ch	000m: 0-1	RANGE: cag mex	herb
129 (85) GERANIACEAE					
<i>Geranium</i>					
* <i>costaricense</i> H.E. Moore		PROV: bo	000m: 2-3	RANGE: cr	herb
<i>guatemalense</i> Knuth		PROV: ch	000m: 1-2	RANGE: cr gua sal	herb
<i>repens</i> Moore		PROV: ch	000m: 2-3, 3+	RANGE: cr gua mex	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

156

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
130 (84) OXALIDACEAE					
Averrhoa					
bilimbi L.		cult. PROV: ca	000m: 0-1	RANGE: asi	tree
carambola L.		intr. cult. PROV: ca cn pa sa vr	000m: 0-1	RANGE: asi	tree
Biophytum					
dendroides (H.B.K.) DC.		PROV: cc	000m: 0-1	RANGE: cag col ecu mex	herb
falcifolium Lourt.		PROV: cc	000m: 0-1	RANGE: end	herb
mucronatum Lourt.		PROV: pa	000m: 0-1	RANGE: end	herb
panamense Lourt.		PROV: cc	000m: 0-1, 1-2	RANGE: end	shrub
soukupii Lourt.		PROV: da	000m: 0-1	RANGE: per	herb subshrub
Oxalis					
articulata Savigny		intr. cult.			
barrelieri L.		PROV: ch PROV: bo ch cn he pa	000m: 0-1 000m: 0-1, 1-2	RANGE: sao RANGE: nwg?	herb herb shrub
corniculata L.					
--var. atropurpurea Planch.					
--subsp. albicans (H.B.K.) Lourt.		cult. PROV: ca PROV: ch	000m: 0-1 000m: 1-2, 2-3	RANGE: eur RANGE: gua hon mex nag	herb herb
--subsp. corniculata		PROV: bo ca cc ch	000m: 0-1, 1-2	RANGE: eur per wdw	herb
debilis H.B.K.					
--var. corymbosa (DC.) Lourt.		PROV: bo ch	000m: 0-1, 1-2	RANGE: sag wdw	herb
dombeyi St. Hil.		PROV: da pa	000m: 0-1	RANGE: ecu gal per	herb
filiformis H.B.K.		PROV: ch	000m: 1-2	RANGE: col cr ecu	herb
frutescens					
--subsp. angustifolia (H.B.K.) Lourt.		PROV: bo cc he pa	000m: 0-1	RANGE: cag mex sag sao tex	subshrub shrub
latifolia H.B.K.		PROV: ch	000m: 1-2, 2-3	RANGE: afr ang bol cr eur	herb
microcarpa Benth.		PROV: ca ch da pa sa vr	000m: 0-1	RANGE: mex oce sag? sao RANGE: cag ecu mex	herb subshrub
rhombifolia Jacq.		PROV: ch	000m: 1-2	RANGE: cag col mex ven	shrub
spiralis Don					
--subsp. vulcanicola (J.D. Sm.) Lourt.		PROV: ch	000m: 1-2, 2-3, 3+	RANGE: cag cr	herb
tetraphylla Cav.		PROV: ch	000m: 1-2	RANGE: mex wdw	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
131 (86) TROPAEOLACEAE					
<i>Tropaeolum emarginatum</i> Turcz.		PROV: bo ch	000m: 1-2,2-3	RANGE: cag col mex	climber
<i>majus</i> L.	cult.	PROV: wp	000m: we	RANGE: eur per	climber
<i>pendulum</i> Kl.		PROV: ch	000m: 1-2	RANGE: col cr ecu	climber
133 (87A) HUMIRIACEAE					
<i>Humiriastrum diguense</i> (Cuatr.) Cuatr.		PROV: ca da pa	000m: 0-1,1-2	RANGE: col cr	tree
<i>Sacoglottis ovicarpa</i> Cuatr.		PROV: cn pa sa	000m: 0-1	RANGE: col	tree
<i>trichogyna</i> Cuatr.		PROV: cn	000m: 0-1	RANGE: cr	tree
<i>Vantanea occidentalis</i> Cuatr.		PROV: ca vr	000m: 0-1,1-2	RANGE: col	tree
134 (87) ERYTHROXYLACEAE					
<i>Erythroxylum</i>					
* <i>amplum</i> Benth.		PROV: ch cn da pa	000m: 0-1,1-2	RANGE: sat	tree
* <i>areolatum</i> L.		PROV: ca pa	000m: 0-1	RANGE: gag mex nic	tree
<i>brennae</i> D'Arcy & Schanen		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>citrifolium</i> St. Hil.		PROV: ca cc cn pa	000m: 0-1	RANGE: cr sat	shrub
<i>dauidii</i> D'Arcy & Schanen		PROV: da	000m: 0-1	RANGE: end	tree
<i>havanense</i> Jacq.		PROV: ca pa	000m: 0-1	RANGE: cag gag sat	shrub
<i>lucidum</i> H.B.K.					shrub
--var. <i>costaricense</i> (J.D. Sm.) O.E. Schulz		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr	shrub
--var. <i>lucidum</i>	cult.	PROV: bo ch cn da he lo pa vr	000m: 0-1	RANGE: cr sao	tree shrub
* <i>macrophyllum</i> Cav.		PROV: cc pa	000m: 0-1	RANGE: bel per sao ven	tree
* <i>novogranatense</i> (Morris) Hieron.	intr. cult.				treelet
		PROV: ca pa	000m: 0-1	RANGE: col	shrub
* <i>oxycarpum</i> O.E. Schulz		PROV: da pa	000m: 0-1,1-2	RANGE: col lag ven	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

158

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
134 (87) ERYTHROXYLACEAE cont.					
panamense Turcz.		PROV: ca cn da lo pa sa vr	000m: 0-1	RANGE: col sat	shrub tree
*skutchii Standl.		PROV: ca cn	000m: 0-1	RANGE: cr	shrub tree
135 (88) ZYGOPHYLLACEAE					
Kallstroemia					
*incana Rydb.		PROV: ca	000m: 0-1	RANGE: ang	herb
maxima (L.) Hook. & Arn.		PROV: ca ch cn he lo pa	000m: 0-1	RANGE: ang cag fla mex nao nao sag? tex	herb
pubescens (G. Don) Dandy	intr.	PROV: pa	000m: 0-1	RANGE: afr asi cag ecu fla jam lag mex per sag?	herb
Tribulus					
*cistoides L.		PROV: ca	000m: 0-1	RANGE: afr	herb
terrestris L.		PROV: ca	000m: 0-1	RANGE: ang	herb
137 (89) RUTACEAE					
*Amyris					
*elemifera L.		PROV: pa	000m: 0-1	RANGE: cag	shrub
Angostura					
nicaraguiensis (Standl. & L.O. Wms.) Elias		PROV: cc cn da pa	000m: 0-1	RANGE: nic	shrub tree
Citrus					
aurantifolia (Christm.) Swingle		intr. cult. PROV: ca da pa	000m: 0-1	RANGE: asi	shrub tree
aurantium L.		intr. cult. PROV: bo ca ch da pa	000m: 0-1	RANGE: asi	tree
grandis (L.) Osbeck		intr. cult. PROV: ca	000m: 0-1	RANGE: ang asi	tree
limon (L.) Burm. f.		intr. cult. PROV: ca ch da	000m: 0-1	RANGE: asi	tree
reticulata Blanco		intr. cult. PROV: ca cc	000m: 0-1	RANGE: asi	tree
sinensis (L.) Osbeck		intr. cult. PROV: ca ch cn da	000m: 0-1,1-2	RANGE: asi	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
137 (89) RUTACEAE cont.					
<i>Erythrochiton</i>					
<i>incomparabilis</i> Riley		PROV: cc vr	000m: 0-1	RANGE: end	shrub tree
<i>lindeni</i> (Baill.) Hemsl.		PROV: bo	000m: 0-1	RANGE: cag mex	shrub tree
<i>Esenbeckia</i>					
<i>alata</i> (Karst. & Triana) Tr. & Pl.		PROV: lo pa	000m: 0-1	RANGE: sat	tree
<i>litoralis</i> J.D. Sm.		PROV: pa	000m: 0-1	RANGE: cag	shrub
<i>panamensis</i> Elias		PROV: cn da	000m: 0-1	RANGE: col	shrub tree
<i>Galipea</i>					
<i>panamensis</i> Elias		PROV: cn da pa	000m: 0-1	RANGE: end	tree
<i>trifoliata</i> Aubl.		PROV: da	000m: 0-1	RANGE: col gui	tree
<i>Hortia</i>					
<i>colombiana</i> Gleason		PROV: cn pa	000m: 0-1	RANGE: col	tree
<i>Murraya</i>					
<i>paniculata</i> (L.) Jacks.   cult.		PROV: bo ca pa	000m: 0-1	RANGE: asi	shrub tree
* <i>Raputia</i>					
* <i>subsigmoidea</i> Ducke		PROV: da pa	000m: 0-1,1-2	RANGE: cag	tree
* <i>Ravenia</i>					
* <i>rosea</i> Standl.		PROV: vr	000m: 1-2	RANGE: wr	shrub
<i>Ticorea</i>					
<i>unifoliolata</i> Elias		PROV: cn pa	000m: 0-1	RANGE: col	tree
* <i>Triphasia</i>					
* <i>trifolia</i> (Burm. f.) P. Wils.   cult.		PROV: pa	000m: 0-1	RANGE: ang asi	viny shrub
<i>Zanthoxylum</i>					
<i>belizense</i> Lund.		PROV: ca cn sa	000m: 0-1	RANGE: bel col? cr gua hon mex nic	tree
<i>chiriquinum</i> Standl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub tree
<i>elephantiasis</i> Macfad.		PROV: da	000m: 0-1	RANGE: cr gag jam	tree
<i>eliasii</i> D.M. Porter		PROV: da	000m: 0-1,1-2	RANGE: end	tree
<i>fagara</i> (L.) Sarg.		PROV: pa	000m: 0-1	RANGE: cag fla mex per sag sao tex	shrub tree
<i>jaimeii</i> D.M. Porter		PROV: da	000m: 0-1,1-2	RANGE: end	tree
<i>limoncello</i> Planch. & Oerst.		PROV: ch	000m: 1-2	RANGE: cr	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
137 (89) RUTACEAE cont.					
melanostictum Schlecht. & Cham.		PROV: pa vr	000m: 0-1,1-2	RANGE: cag mex	tree
microcarpum Griseb.		PROV: pa	000m: 0-1	RANGE: cag lag mex sag? trt	shrub tree
panamense P. Wils.		PROV: bo ca ch cn da pa	000m: 0-1	RANGE: cr	tree
pittieri P. Wils.		PROV: da	000m: 0-1	RANGE: wr	tree
procerum J.D. Sm.		PROV: ca ch cn da pa vr	000m: 0-1	RANGE: cag cr mex	tree
pucro D.M. Porter		PROV: da	000m: 0-1	RANGE: end	tree
scheryi Lund.		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree shrub
setulosum P. Wils.		PROV: ca cc da he lo pa	000m: 0-1	RANGE: cr	tree
tripetalum (Standl.) D.M. Porter		PROV: ch	000m: 1-2	RANGE: end	tree
138 (90) SIMAROUBACEAE					
<i>Picramnia</i>					
allenii D.M. Porter		PROV: bo cc ch	000m: 0-1,1-2	RANGE: cr	shrub tree
carpinteraë Polak.		PROV: ch	000m: 1-2	RANGE: cr	tree
cooperi D.M. Porter		PROV: bo	000m: 0-1	RANGE: cr	shrub tree
corallodendron Tul.		PROV: cn da pa	000m: 0-1,1-2	RANGE: bol? col ecu? per	tree
dwyeri D.M. Porter		PROV: ca da pa sa vr	000m: 0-1	RANGE: end	shrub tree
latifolia Tul.		PROV: bo ca ch da lo pa sa vr	000m: 0-1	RANGE: col cr	shrub tree
<i>Quassia</i>					
amara L.		PROV: bo ca cc ch cn da pa vr	000m: 0-1	RANGE: ang cag? mex sag? sao	shrub tree
<i>Simaba</i>					
cedron Planch.	cult.	PROV: da he pa sa	000m: 0-1	RANGE: cag sao	shrub tree
<i>Simarouba</i>					
amara Aubl.		PROV: ca pa vr	000m: 0-1	RANGE: bel bol cag? cr lag	tree
*glauca DC.		PROV: ca pa vr	000m: 0-1	RANGE: sag? sao cag	tree
<i>*Suriana</i>					
*maritima L.		PROV: sa	000m: 0-1	RANGE: ang oce	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
139 (91) BURSERACEAE					
Bursera					
simaruba (L.) Sarg.		PROV: ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: ang cag col fla mex ven	tree
tomentosa (Jacq.) Tr. & Pl.		PROV: cc he lo pa vr	000m: 0-1	RANGE: abc col cr ven	tree
*Canarium					
*commune L.		intr. cult. PROV: ca ch	000m: 0-1	RANGE: oce	tree
Protium					
*correae D.M. Porter		PROV: pa	000m: 0-1	RANGE: end	tree
costaricense (Rose) Engl.		PROV: ca pa sa	000m: 0-1	RANGE: cr	tree
glabrum (Rose) Engl.		PROV: bo ca ch cn pa vr	000m: 0-1	RANGE: cr	tree
inconforme Pitt.		PROV: ch cn lo pa	000m: 0-1	RANGE: end	tree
panamense (Rose) I.M. Johnst.		PROV: bo ca cc ch cn pa sa	000m: 0-1	RANGE: end	tree shrub
pittieri (Rose) Engl.		PROV: bo vr	000m: 0-1,1-2	RANGE: cr	tree shrub
tenuifolium					
--subsp. meleodii (I.M. Johnst.) D.M. Porter		PROV: da pa	000m: 0-1	RANGE: end	tree
--subsp. sessiliflorum (Rose) D.M. Porter		PROV: ca ch da pa	000m: 0-1	RANGE: cr	tree
Tetragastris					
panamensis (Engl.) Kuntze		PROV: ca cc ch cn da pa sa vr	000m: 0-1	RANGE: bel cr gui hon nic per sao ven	tree
tomentosa D.M. Porter		PROV: bo	000m: 0-1	RANGE: end	tree
Trattinnickia					
aspera (Standl.) Swart		PROV: bo ca pa	000m: 0-1	RANGE: col	tree
burserifolia Mart.		PROV: cc	000m: 0-1	RANGE: col gui lag? sao ven	tree
*panamensis Standl. & Wms.		PROV: ch	000m: 2-3	RANGE: end	tree
140 (92) MELIACEAE					
Carapa					
guianensis Aubl.		PROV: bo ca cn sa vr	000m: 0-1	RANGE: ang bel cag? col cr sag? sao	tree
nicaraguensis C. DC.		PROV: bo ca da	000m: 0-1	RANGE: cag? ecu nic sag?	tree
Cedrela					
angustifolia DC.		PROV: ca cc ch da he pa	000m: 0-1,1-2	RANGE: cag? mex per sag? sao	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

162

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
140 (92) MELIACEAE cont.					
*fissilis Vell. odorata L.		PROV: ca ch PROV: bo ca ch cn da he	000m: 0-1 000m: 0-1	RANGE: cr per sag sao RANGE: ang cag mex per sag sao	tree tree
tonduzii C. DC.		PROV: ch	000m: 0-1,1-2	RANGE: cag mex	tree
Guarea glabra Vahl		PROV: ca cc ch cn da lo pa vr	000m: 0-1,1-2	RANGE: ang bol? cag col ecu mex ven	tree
*grandifolia DC.		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: bol cag? mex sag?	tree
guidonia (L.) Sleumer		PROV: ca ch cn da pa sa	000m: 0-1	RANGE: nwg?	tree
kunthiana A. Juss.		PROV: ca ch da	000m: 0-1,1-2	RANGE: bol cag? mex sag?	tree
*macropetala Penning.		PROV: bo cn da pa vr	000m: 0-1,1-2	RANGE: end	tree
*pteriorhachis Harms		PROV: bo pa	000m: 0-1	RANGE: per sao sat	tree
*rhopalocarpa Radik.		PROV: cc pa vr	000m: 0-1,1-2	RANGE: cr	tree
tonduzii C. DC.		PROV: ca ch da	000m: 0-1,1-2	RANGE: cr	tree
Melia azederach L.		intr. cult. PROV: bo ca ch cn pa vr	000m: 0-1	RANGE: ang cr owt sat	tree
Ruagea *glabra Tr. & Pl. *insignis (C. DC.)		PROV: bo ch vr PROV: ch	000m: 0-1 000m: 0-1	RANGE: cag per sat RANGE: bol cag cr per	treelet tree
*Sandoricum *koetjape (Burm. f.) Merr.		intr. cult. PROV: ca	000m: 0-1	RANGE: wr	tree
Swietenia macrophylla G. King *mahagoni Jacq.		cult. PROV: ca pa cult. PROV: pa	000m: 0-1 000m: 0-1	RANGE: cag mex per sag? sao RANGE: nwt	tree tree
Trichilia *acuminata (R. & S.) C. DC. glabra L.		PROV: da sa PROV: ch da	000m: 0-1 000m: 1-2	RANGE: sat RANGE: ang cag mex	shrub shrub tree
hirta L.		PROV: ca ch da lo pa vr	000m: 0-1	RANGE: cag mex sag sao	tree
*martiana C. DC.		PROV: cc ch cn da lo pa	000m: 0-1	RANGE: cag	tree
*pallida Sw.		PROV: bo ca ch cn da pa vr	000m: 0-1,1-2	RANGE: cag mex sag sao	tree
*pleeana (A. Juss.) C. DC.		PROV: ca cn da lo pa sa	000m: 0-1	RANGE: bol gui sao sat trt ven	tree
*poeppigii C. DC. *quadrijuga H.B.K.		PROV: cn da pa	000m: 0-1	RANGE: sat	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
140 (92) MELIACEAE cont.					
*--subsp. cinerascens (C. DC.) Penning.		PROV: bo cc cn da pa	000m: 0-1,1-2	RANGE: cag? mex sag?	tree
*--subsp. quadrijuga		PROV: ch da	000m: 0-1	RANGE: cag per sao sat	tree
*septentrionalis C. DC.		PROV: ch pa sa	000m: 0-1	RANGE: cr lag per sao sat ven	tree
*skutchii Morton & Alten		PROV: cn	000m: 0-1	RANGE: wr	shrub
tomentosa H.B.K.		PROV: bo ch pa	000m: 0-1	RANGE: cag? mex per sag?	tree
trifolia L.		PROV: cc da he pa pa	000m: 0-1	RANGE: cag? col mex ven	shrub tree
tuberculata (Tr. & Pl.) C. DC.		PROV: bo ca ch cn pa sa	000m: 0-1	RANGE: bol cag? gua sat	tree
141 (93) MALPIGHIACEAE					
Banisteriopsis					
*acapulcensis (Rose) Small		PROV: ca	000m: 0-1	RANGE: cag col mex	shrub climber
*elegans (Tr. & Pl.) Sandw.		PROV: bo cc ch cn da lo pa	000m: 0-1,1-2	RANGE: cag? col gua gui per sag?	climber
muricata (Cav.) Cuatr.		PROV: ca cc ch he lo pa sa vr	000m: 0-1	RANGE: bol cag col mex per sag	climber
*nutans (Ndzu.) B. Gates		PROV: cn da pa	000m: 0-1	RANGE: bol per ven	climber
*platyptera (Griseb.) Cuatr.		PROV: da	000m: 1-2	RANGE: sao ven	climber
*wilburii B. Gates		PROV: cn pa	000m: 0-1	RANGE: col cr	climber
*wurdackii B. Gates		PROV: ca cn lo pa vr	000m: 0-1	RANGE: col cr gua per sat ven	climber
Bunchosia					
cornifolia H.B.K.		PROV: bo ca ch cn da lo pa vr	000m: 0-1	RANGE: cag col mex	shrub tree
diphylla (Jacq.) Cuatr. & Croat					
--subsp. brevisurcularis (Dobson)		Cuatr. & Croat			
		PROV: cn da	000m: 0-1	RANGE: end	shrub tree
dwyeri Cuatr. & Croat		PROV: bo ca ch da pa vr	000m: 0-1,1-2	RANGE: cag	shrub tree
*hartwegiana Benth.					
*--var. brevisurcularis Cuatr. & Croat					
		PROV: da	000m: 0-1	RANGE: end	tree
lanieri Wats.		PROV: ch	000m: 0-1	RANGE: cag? gua	shrub tree
lindeniana Juss.		PROV: bo cn sa	000m: 0-1	RANGE: cag mex	shrub tree
macrophylla Rose		PROV: cn	000m: 0-1	RANGE: cr	shrub
odorata (Jacq.) H.B.K.		PROV: bo ca cc ch da he lo pa vr	000m: 0-1	RANGE: col ven	shrub tree
*pittieri Cuatr. & Croat		PROV: ch	000m: 0-1	RANGE: end	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

164

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
	141 (93) MALPIGHIACEAE cont.				
ternata Dobson		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub
tutensis Dobson		PROV: vr	000m: 0-1	RANGE: end	tree shrub tree
<i>Byrsonima</i>					
crassifolia (L.) H.B.K.		PROV: bo ca cc ch cn da he lo pa vr	000m: 0-1,1-2	RANGE: ang cag col mex sag? sao	tree
nemoralis					
--subsp. dressleri (Lewis) Cuatr. & Croat		PROV: pa	000m: 0-1	RANGE: end	tree
spicata (Cav.) H.B.K.		PROV: ca cc cn da pa sa	000m: 0-1	RANGE: ang col cr ven	tree
<i>Galphimia</i>					
gracilis Bartl.		intr. cult. PROV: cc lo pa	000m: 0-1	RANGE: ang mex	shrub
<i>Heteropteris</i>					
beeheyana Juss.		PROV: ch he vr	000m: 0-1	RANGE: bol cag? col mex sag?	climber
buricana Cuatr. & Croat		PROV: ch	000m: 0-1	RANGE: end	climber
laurifolia (L.) Juss.		PROV: bo ca cc cn lo pa sa vr	000m: 0-1	RANGE: ang bol cr gui jam mex per sag? sao ven	climber climb shrub
--var. brevibracteolata Cuatr. & Croat		PROV: ca	000m: 0-1	RANGE: end	climber
macrostachya Juss.		PROV: da pa vr	000m: 0-1	RANGE: ang? gui sag?	climber
multiflora (DC.) Hochr.		PROV: bo pa sa	000m: 0-1	RANGE: col gui	climber shrub tree
obovata (Small) Cuatr. & Croat		PROV: ca ch cn da lo vr	000m: 0-1	RANGE: cag? cr hon	climber
panamensis Cuatr. & Croat		PROV: ca cn pa	000m: 0-1	RANGE: end	climber
<i>Hiraea</i>					
fagifolia (DC.) Juss.		PROV: bo ch	000m: 1-2	RANGE: bel cag col gui mex? per sao ven	climber
faginea (Sw.) Ndzu.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: ang cag? nic	climber
grandifolia Standl. & L.O. Wms.					
--var. grandifolia		PROV: ca ch cn	000m: 0-1	RANGE: cr	climber
--var. parvifructa Cuatr. & Croat		PROV: ca cc cn pa	000m: 0-1	RANGE: end	climber
papilionacea Cuatr. & Croat					
cult.		PROV: ca	000m: 0-1	RANGE: wr	climber shrub
quapara (Aubl.) Sprague		PROV: ca cn da pa	000m: 0-1	RANGE: cag? gui mex sag?	climber
reclinata Jacq.		PROV: ca ch cn da pa	000m: 0-1	RANGE: cag col mex sao ven	climber
*ternifolia (H.B.K.) A. Juss.		PROV: da	000m: 0-1	RANGE: col	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
141 (93) MALPIGHIACEAE cont.					
Jubelina wilburi W.R. Anderson		PROV: cn vr	000m: 0-1	RANGE: cr	climber
Malpighia albiflora (Cuatr.) Cuatr.		PROV: ch cn da pa vr	000m: 0-1,1-2	RANGE: col cr	shrub tree
emarginata DC.	cult.	PROV: cc lo pa	000m: 0-1	RANGE: cr ecu lag mex pr	shrub tree
glabra L.		PROV: ca ch da lo pa sa vr	000m: 0-1,1-2	RANGE: col cr gua his jam mex ven	shrub tree
romeroana Cuatr.		PROV: bo ca cn da pa sa vr	000m: 0-1	RANGE: cag col gua mex	shrub
Mascagnia dukei Cuatr. & Croat	cult.	PROV: pa	000m: 0-1	RANGE: nwt	climber
hippocrateoides (Tr. & Pl.) Ndzu.		PROV: ca pa	000m: 0-1	RANGE: col ecu	climber
nervosa Ndzu.		PROV: ca da pa vr	000m: 0-1	RANGE: col trt ven	climber shrub
platyrachis (Tr. & Pl.) Cuatr.		PROV: cn	000m: 0-1	RANGE: col	climber
sericans Ndzu.					
--subsp. buricana Cuatr. & Croat		PROV: ch	000m: 0-1	RANGE: cr	climber
violacea (Tr. & Pl.) Ndzu.		PROV: cc ch	000m: 0-1	RANGE: col	climber
Mezia includens (Benth.) Cuatr.		PROV: pa	000m: 0-1	RANGE: col gui per sao ven	climber
Pterandra isthmica Cuatr. & Croat		PROV: pa	000m: 0-1	RANGE: end	tree
Spachea correae Cuatr. & Croat		PROV: cn	000m: 0-1	RANGE: end	tree
elegans (G. Meyer) Juss.		PROV: da pa	000m: 0-1,2-3	RANGE: ang gui sag? trt	tree
membranacea Cuatr.		PROV: ca da pa sa	000m: 0-1	RANGE: col	tree
Stigmaphyllon ellipticum (H.B.K.) Juss.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: ang col cr ecu mex	climber
humboldtianum (DC.) Juss.		PROV: ca da pa vr	000m: 0-1,1-2	RANGE: cag? col mex per sag?	climber
hypargyreum Tr. & Pl.		PROV: ca ch lo pa	000m: 0-1	RANGE: col	climber
lindenianum Juss.		PROV: bo ca ch cn da lo pa sa	000m: 0-1	RANGE: cag mex ven	climber
ovatum (Cav.) Ndzu.		PROV: ca cn pa	000m: 0-1	RANGE: ang bel col gui his	shrub
puberum (Rich.) Juss.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: ang gua gui per sao	climber
Tetrapteris crispa Juss.		PROV: cc lo pa	000m: 0-1	RANGE: bol col gui sao ven	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
141 (93) MALPIGHIACEAE cont.					
<i>discolor</i> (G. Meyer) DC.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: bol cag? col gua gui	climber
<i>hirsutula</i> Cuatr. & Croat		PROV: da	000m: 0-1	lag sag?	shrub
<i>macrocarpa</i> Johnst.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: end	climber
		da he pa sa vr		RANGE: bel cag gua	climber
<i>seemannii</i> Tr. & Pl.		PROV: ca ch da lo pa	000m: 0-1	RANGE: col	shrub
		sa			climber
<i>subaptera</i> Cuatr.		PROV: da	000m: 0-1	RANGE: col	shrub
<i>tysonii</i> Cuatr. & Croat		PROV: pa	000m: 0-1	RANGE: end	climber
142 (94) TRIGONIACEAE					
Trigonía					
* <i>eriosperma</i> (Lam.) Fromm & Santus					
*--subsp. <i>membranacea</i> (A.C. Sm.) Lieras		PROV: da	000m: 0-1	RANGE: sao	climber
* <i>rugosa</i> Benth.		PROV: ca da	000m: 0-1	RANGE: cag col cr mex	climber
					shrub
143 (95) VOCHYSIACEAE					
Qualea					
<i>cymulosa</i> Schery		PROV: da	000m: 0-1	RANGE: col	tree
* <i>polychroma</i> Stafl.		PROV: pa sa	000m: 0-1	RANGE: gui	tree
Vochysia					
* <i>allenii</i> Standl. & Wms.		PROV: pa	000m: 0-1	RANGE: col	tree
<i>ferruginea</i> Mart.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: cag? cr nic per sag?	tree
		pa sa vr			
<i>hondurensis</i> Sprague		PROV: bo ch	000m: 0-1	RANGE: cag mex	tree
* <i>jefensis</i> A. Robyns		PROV: da pa sa	000m: 0-1, 1-2	RANGE: end	shrub
* <i>speciosa</i> Warm.		PROV: da	000m: 0-1	RANGE: col sat	tree
145 (96) POLYGALACEAE					
* <i>Bredemeyera</i>					
* <i>lucida</i> (Benth.) Benn.		PROV: da	000m: 0-1	RANGE: bel gua hon ven	climber
Monnina					
* <i>deppei</i> G. Don		PROV: cc lo vr	000m: 0-1, 1-2	RANGE: cr hon nic	shrub
* <i>saprogena</i> J.D. Sm.		PROV: ch vr	000m: 1-2, 2-3	RANGE: cr	shrub
* <i>speciosa</i> Tr. & Pl.		PROV: da	000m: 1-2	RANGE: wr	climber
<i>sylvatica</i> Schlecht. & Cham.		PROV: cc ch da lo vr	000m: 0-1, 1-2, 2-3, 3+	RANGE: cag mex	shrub
					herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

167

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
145 (96) POLYGALACEAE cont.					
<i>xalapensis</i> H.B.K.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag mex	herb shrub tree
<b>Moutabea</b>					
<i>longifolia</i> P. & E.		PROV: cc	000m: 0-1	RANGE: cag	shrub
<b>Polygala</b>					
<i>aparinoides</i> Hook. & Arn.		PROV: ch cn	000m: 0-1,1-2	RANGE: bel gua mex	herb
<i>asperuloides</i> H.B.K.		PROV: cc pa	000m: 0-1	RANGE: bel col gua ven	herb
* <i>dukei</i> Barringer		PROV: da	000m: 0-1	RANGE: end	tree
<i>fendleri</i> Chod.					
--var. <i>heterothrix</i> Blake		PROV: cc ch	000m: 0-1,1-2	RANGE: end	herb
<i>hygrophila</i> H.B.K.		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: bel cr his sag?	herb
<i>jefensis</i> W.H. Lewis		PROV: pa vr	000m: 0-1	RANGE: end	herb shrub
<i>leptocaulis</i> Torr. & Gray		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: ang cag nao sag? sao	herb
<i>longicaulis</i> H.B.K.		PROV: ca cc ch pa vr	000m: 0-1	RANGE: ang cag mex per sag sao	herb
<i>panamensis</i> Chod.		PROV: cc ch	000m: 0-1,1-2	RANGE: end	subshrub
<i>paniculata</i> L.		PROV: bo ca cc ch cn da he pa sa vr	000m: 0-1,1-2,2-3	RANGE: cag sag? sao tex	herb
<i>timoutou</i> Aubl.		PROV: ca pa	000m: 0-1	RANGE: bel cr sag? trt	herb
<i>variabilis</i> H.B.K.		PROV: cc	000m: 0-1	RANGE: cag mex sag? trt	herb
* <i>violacea</i> Aubl. emend. Marq.		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: ang cag mex sag sao	herb
<i>wurdackiana</i> W.H. Lewis		PROV: cc cn vr	000m: 0-1,1-2	RANGE: end	herb
<b>Securidaca</b>					
* <i>cristata</i> A.C. Sm.		PROV: pa	000m: 0-1	RANGE: sat	climber
<i>diversifolia</i> (L.) Blake		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: cag lag mex per sag?	shrub climber
<i>tenuifolia</i> Chod.		PROV: ca cn da pa vr	000m: 0-1	RANGE: trt	shrub climber

146 (96A) DICHAPETALACEAE

<b>Dichapetalum</b>					
<i>axillare</i> Woods.		PROV: cc ch sa sa	000m: 0-1	RANGE: col cr	tree
* <i>donnell-smithii</i> Engl.					
--var. <i>chiapasense</i> (Standl.) Prance		PROV: cn	000m: 0-1	RANGE: cag	tree
--var. <i>donnell-smithii</i>		PROV: bo	000m: 1-2	RANGE: cag	tree
* <i>gentryi</i> Prance		PROV: bo pa	000m: 0-1	RANGE: end	shrub
<i>nevermannianum</i> Standl. & Valerio		PROV: bo	000m: 0-1	RANGE: cr	shrub
<b>*Tapura</b>					
* <i>colombiana</i> Cuatr.		PROV: sa	000m: 0-1	RANGE: col	tree
* <i>cubensis</i> (P. & E.) Griseb.		PROV: pa	000m: 0-1	RANGE: cub	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
146 (96A) DICHAPETALACEAE cont.					
*panamensis Prance		PROV: pa	000m: 0-1	RANGE: end	climber
147 (97) EUPHORBIACEAE					
Acalypha					
alopecuroidea Jacq.		PROV: ca cc cn da pa	000m: 0-1	RANGE: ang bah cag col mex	herb
arvensis Poepp.		PROV: bo ca cc ch cn da pa vr	000m: 0-1	RANGE: nao per ven cag mex per sao sat	herb
costaricensis Pax & Hoffm.		PROV: bo ca pa	000m: 0-1	RANGE: cr gua hon	shrub
diversifolia Jacq.		PROV: bo ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: bol cag mex per sao sat	shrub
*hispidula Burm. f.	cult.	PROV: ca pa	000m: 0-1	RANGE: owt	shrub
leptopoda Muell.-Arg.		PROV: ch lo	000m: 0-1, 1-2	RANGE: cag mex	shrub
macrostachya Jacq.		PROV: bo ca cc cn da he lo pa sa vr	000m: 0-1	RANGE: cag mex per sao sat	tree
polystachya Jacq.		PROV: bo ch	000m: 0-1	RANGE: cag mex per	shrub
septemloba Muell.-Arg.		PROV: ch	000m: 1-2	RANGE: cr	herb
villosa Jacq.		PROV: bo ca ch da pa vr	000m: 0-1	RANGE: cag mex per sao sat	shrub
*wilkesiana Muell.-Arg.	cult.	PROV: ca	000m: 0-1	RANGE: owt	tree
Acidoton					
nicaraguensis (Hemsl.) Webster		PROV: cn da pa sa	000m: 0-1	RANGE: cr nic	shrub
Adelia					
triloba (Muell.-Arg.) Hemsl.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: cr nic	tree
*Adenophaedra					
*grandifolia (Kl.) Muell.-Arg.		PROV: vr	000m: 0-1, 1-2	RANGE: cr gui sao	shrub
Alchornea					
costaricensis Pax & Hoffm.		PROV: bo ca cc ch cn da lo pa	000m: 0-1	RANGE: col cr	tree
glandulosa Poepp.		PROV: bo da vr	000m: 0-1, 1-2	RANGE: cr per sat ven	tree
*--var. pittieri (Pax) Pax		PROV: ch da	000m: 0-1	RANGE: ven	tree
*grandiflora (Kl.) Muell.-Arg.		PROV: da vr	000m: 0-1	RANGE: col	tree
grandis Benth.		PROV: bo ca ch cn pa	000m: 0-1	RANGE: cag col gag mex per	tree
latifolia Sw.				ven	
*megalophylla Muell.-Arg.		PROV: da	000m: 0-1, 1-2	RANGE: col	tree
*triplinervia (Spr.) Muell.-Arg.		PROV: cc da	000m: 0-1, 1-2	RANGE: sag	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
147 (97) EUPHORBIACEAE cont.					
<i>Alchorneopsis floribunda</i> (Benth.) Muell.-Arg.		PROV: da	000m: 0-1	RANGE: col cr ecu gui his tree pr sao	
<i>Amanoa guianensis</i> Aubl.		PROV: ca cn sa	000m: 0-1	RANGE: sao sat ven	tree
<i>Argythamnia macrobotrys</i> (Pax & Hoffm.) Ingram		PROV: pa	000m: 0-1	RANGE: end	shrub
* <i>Astrocasia tremula</i> (Griseb.) Webster		PROV: ca cn	000m: 0-1	RANGE: cag jam mex	treelet
<i>Bernardia denticulata</i> (Standl.) Webster		PROV: bo	000m: 0-1	RANGE: cr	tree
<i>macrophylla</i> Standl.		PROV: pa	000m: 0-1	RANGE: cr	shrub
<i>Caperonia neglecta</i> Webster		PROV: ca pa	000m: 0-1	RANGE: end	herb
<i>paludosa</i> Kl.		PROV: ca cc pa	000m: 0-1	RANGE: cag gui mex sag	herb
<i>palustris</i> (L.) St. Hil.		PROV: ca cn da lo pa	000m: 0-1	RANGE: cag fla nao per sag	herb
				sao	
<i>Caryodendron angustifolium</i> Standl.		PROV: ch da lo	000m: 0-1	RANGE: end	tree
<i>Chamaesyce ammannioides</i> (H.B.K.) Small		PROV: ca vr	000m: 0-1	RANGE: bel cr cub mex nas herb nic sat	
<i>bahiensis</i> (Kl. & Garcke) Dugand & Burch		PROV: ca vr	000m: 0-1	RANGE: cr jam mex nic sao herb sat	
<i>buxifolia</i> (Lam.) Small		PROV: bo sa	000m: 0-1	RANGE: ang bah cag fla ven subshrub	
<i>densiflora</i> (Kl. & Garcke) Millsp.		PROV: ch he	000m: 0-1, 1-2	RANGE: cag mex sat herb	
<i>dioica</i> (H.B.K.) Millsp.		PROV: cc	000m: 0-1	RANGE: cag mex sat herb	
<i>hirta</i> (L.) Millsp.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: wdw herb	
		da he lo pa			
<i>hypericifolia</i> (L.) Millsp.		PROV: bo ca cn da pa	000m: 0-1	RANGE: nwg herb	
		sa			
<i>hyssopifolia</i> (L.) Small		PROV: bo ca cc ch cn	000m: 0-1, 1-2	RANGE: nwg owg herb	
		da he lo pa			
<i>lasiocarpa</i> (Kl.) Arthur		PROV: ca lo pa	000m: 0-1	RANGE: cag fla gag mex sat herb	
* <i>mesembrianthemifolia</i> Jacq.		PROV: sa	000m: 0-1	RANGE: nwt herb	
<i>thymifolia</i> (L.) Millsp.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: wdw herb	
		da he lo			
<i>Cleidion castaneifolium</i> Muell.-Arg.		PROV: da	000m: 0-1	RANGE: cr? ecu	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

170

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
147 (97) EUPHORBIACEAE cont.					
woodsonianum Croiz.		PROV: ca pa	000m: 0-1	RANGE: per	tree
Cnidioscolus aconitifolius (Mill.) I.M. Johnst. cult.		PROV: ca vr	000m: 0-1	RANGE: cag mex	tree shrub
urens (L.) Arthur		PROV: ca cc da he lo pa vr	000m: 0-1	RANGE: cag mex sao sat	herb subshrub
*Codiaeum *variegatum (L.) Blume		cult. PROV: ca pa	000m: 0-1	RANGE: cr oce	tree
Croton					
*argenteus L. billbergianus Muell.-Arg.		PROV: pa PROV: bo ca cn da pa sa vr	000m: 0-1 000m: 0-1	RANGE: cag mex sao tex RANGE: cr	herb shrub tree
*brevipes Pax fragrans H.B.K. hircinus Vent.		PROV: wp PROV: ca da pa sa PROV: cc ch he pa	000m: 0-1 000m: 0-1 000m: 0-1	RANGE: cr RANGE: col ven RANGE: lag ven	shrub shrub shrub tree
hirtus L'Her.		PROV: ca cc ch cn he lo pa	000m: 0-1	RANGE: ang cag sat	herb tree
*lanjouwensis Jabl. lobatus L.		PROV: cc pa PROV: ca he pa sa	000m: 0-1 000m: 0-1	RANGE: gui ven RANGE: bah cag fla nwt per	tree herb
*niveus Jacq. pseudoniveus Lund.		PROV: da PROV: cc pa	000m: 0-1 000m: 0-1	RANGE: col cr gag ven RANGE: mex	tree shrub tree
punctatus Jacq. pungens Jacq.		PROV: bo ca cn vr PROV: ch	000m: 0-1 000m: 1-2	RANGE: bah cag cub nao nas RANGE: cr per sao ven	shrub shrub tree
pyriticus Croiz. schiedeanus Schlecht.		PROV: ch PROV: bo cc ch cn da pa sa vr	000m: 1-2 000m: 0-1, 1-2	RANGE: cr RANGE: cag col cr gui mex per sao ven	tree tree
*smithianus Croiz. tenuicaudatus Lund. trinitatis Millsp.		PROV: cn da PROV: cc ch PROV: ca cc cn he pa	000m: 0-1 000m: 0-1 000m: 0-1	RANGE: col cr nic RANGE: cr RANGE: ang bah cag fla nwt owt per	tree tree herb
Dalechampia					
cissifolia Poepp. --subsp. panamensis (Pax & Hoffm.) Webster		PROV: bo ca cn pa	000m: 0-1	RANGE: cag gua per	climber
dioscoreifolia Poepp.		PROV: bo ca ch cn da pa	000m: 0-1	RANGE: col cr per ven	climber
friedrichsthalii Muell.-Arg. scandens L. --var. scandens		PROV: ca cn sa PROV: ca cc da lo pa	000m: 0-1 000m: 0-1	RANGE: cr nic RANGE: nwt	climber
*shankii (Mol.) Huft tilliifolia Lam.		PROV: cc PROV: bo ca cc ch cn da he lo pa vr	000m: 0-1 000m: 0-1	RANGE: cr RANGE: cag hon mex per sao sat	climber climber climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
147 (97) EUPHORBIACEAE cont.					
*websteri	Arnbruster	PROV: bo	000m: 0-1	RANGE: col cr	climber
*Drypetes					
*standleyi	Webster	PROV: ca cn vr	000m: 0-1	RANGE: cr ven	tree
Euphorbia					
*apocynoides	Kl.	PROV: da	000m: 0-1	RANGE: end	shrub
cotinifolia	L.	PROV: ch pa	000m: 0-1	RANGE: cag mex sat	tree
cyathophora	Murr.	PROV: bo ch	000m: 0-1	RANGE: ang cag nao sat	herb
dwyeri	Burch	PROV: ch	000m: 1-2	RANGE: end	herb
*elata	Brandeg.	PROV: cn da pa vr	000m: 0-1,1-2	RANGE: bol? col cr gua mex	shrub
graminea	Jacq.	PROV: ca da	000m: 0-1	RANGE: cag mex sat	herb
heterophylla	L.	PROV: bo ca cc ch he pa vr	000m: 0-1,1-2	RANGE: ang cag mex nas sag	herb
*leucocephala	Lotsy	PROV: cc pa	000m: 0-1	RANGE: cag mex	shrub
ocymoidea	L.	PROV: ca he	000m: 0-1	RANGE: cag mex	herb
oerstediana	(Kl. & Garcke) Boiss.	PROV: he	000m: 0-1	RANGE: ang cag sat?	herb
*peplus	L.	PROV: ch	000m: 2-3	RANGE: wdw	herb
*xalapensis	H.B.K.	PROV: ch	000m: 0-1,1-2	RANGE: cag mex	herb
Garcia					
nutans	Vahl	PROV: ca lo	000m: 0-1	RANGE: cag col lag mex ven	shrub tree
*Gymnanthes					
*actinostemoides	Muell.-Arg.	PROV: da	000m: 0-1	RANGE: cag mex	tree
Hippomane					
mancinella	L.	PROV: ca cc ch da pa sa	000m: 0-1	RANGE: ang bah cag col fla ven	tree
Hura					
crepitans	L.	PROV: bo ca ch da lo pa vr	000m: 0-1	RANGE: ang cr nic per sao sat	tree
Hyeronima					
laxiflora	(Tul.) Muell.-Arg.	PROV: bo ca ch cn da pa	000m: 0-1	RANGE: gui per sat	tree
*oblonga	(Tul.) Muell.-Arg.	PROV: bo cc ch da pa vr	000m: 0-1,1-2,2-3	RANGE: cag col ven	tree
Jatropha					
curcas	L.	cult. PROV: bo ca cc ch cn da he lo pa	000m: 0-1	RANGE: cr gua mex per	shrub tree
gossypiifolia	L.	PROV: bo ca cc ch he lo pa	000m: 0-1	RANGE: nwt	subshrub herb
integerrima	Jacq.	cult. PROV: ca cc pa sa	000m: 0-1	RANGE: cub his	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
147 (97) EUPHORBIACEAE cont.					
Mabea					
montana Muell.-Arg.		PROV: ca cc da pa vr	000m: 0-1	RANGE: col cr ven	shrub
occidentalis Benth.		PROV: ca cn da pa sa vr	000m: 0-1,1-2	RANGE: cag mex sao sat	tree shrub tree
Manihot					
*aesculifolia (H.B.K.) Pohl		PROV: ca da pa	000m: 0-1,1-2	RANGE: cag gua mex	shrub
*brachyloba Muell.-Arg.		PROV: da	000m: 0-1	RANGE: cr his per sao sat	shrub
esculenta Crantz	cult.	PROV: bo ca ch da he pa sa vr	000m: 0-1	RANGE: nwt	herb shrub
*Maprounea					
*guianensis Aubl.		PROV: ca	000m: 0-1	RANGE: sat	tree
Margaritaria					
nobilis L. f.		PROV: bo ca ch cn da lo pa sa	000m: 0-1	RANGE: cag cub mex sat	tree
Omphalea					
diandra L.		PROV: bo ca ch da pa vr	000m: 0-1	RANGE: ang cag per sao sat	climber
*Pausandra					
* trianae (Muell.-Arg.) Baill.		PROV: bo sa	000m: 0-1	RANGE: cr nic sat	tree shrub
Pedilanthus					
tithymaloides (L.) Poit.					
--subsp. tithymaloides		PROV: ca cc he pa vr	000m: 0-1	RANGE: cag mex sat	shrub
Pera					
aperta Croiz.		PROV: cc	000m: 0-1	RANGE: end	tree
arborea Mutis		PROV: ca cc cn da pa	000m: 0-1	RANGE: bel col	tree
Phyllanthus					
*acidus Skeels	intr. cult.				
		PROV: cc	000m: 0-1	RANGE: owt	tree
acuminatus Vahl		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1	RANGE: ang cag mex nwt per sat	shrub tree
amarus Schum. & Thonn.		PROV: ca cc ch cn da pa	000m: 0-1	RANGE: wdw	herb
anisolobus Muell.-Arg.		PROV: bo cc da	000m: 0-1	RANGE: col cr per	shrub tree
caribaeus Urb.		PROV: ca da pa sa vr	000m: 0-1	RANGE: lag sao ven	herb
caroliniensis Walt.					
--subsp. caroliniensis		PROV: ca da pa	000m: 0-1	RANGE: cag nag nwg sag	herb
--subsp. stenopterus (Muell.-Arg.) Webster		PROV: ca cc ch pa vr	000m: 0-1	RANGE: col	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
147 (97) EUPHORBIACEAE cont.					
compressus H.B.K. elsiae Urb.		PROV: bo pa PROV: ca	000m: 0-1 000m: 0-1	RANGE: cag mex per sao sat RANGE: cag mex trt ven	herb shrub tree
*gentryi Webster		PROV: da	000m: 0-1	RANGE: end	shrub treelet
hyssopifolioides H.B.K. niruri L.		PROV: cc ch PROV: ch pa	000m: 0-1,1-2 000m: 0-1,1-2,2-3	RANGE: nic sat trt RANGE: cag sao sat tex	herb herb
stipulatus (Raf.) Webster		PROV: bo ca cc ch da pa	000m: 0-1	RANGE: cag mex sat	herb
urinaria L.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: wdt	herb
Plukenetia *penninervia Muell.-Arg. volubilis L.		PROV: pa PROV: cn da lo pa	000m: 0-1 000m: 0-1	RANGE: cag mex sat RANGE: cr lag mex nic per sao sat	climber climber
Richeria *obovata (Muell.-Arg.) Pax & Hoffm.		PROV: pa vr	000m: 0-1	RANGE: ven	tree shrub
Ricinus communis L.	cult.	PROV: cc ch cn lo pa sa	000m: 0-1	RANGE: wdt	shrub tree
Sapium caudatum Pitt.		PROV: ca cc ch da lo pa vr	000m: 0-1,1-2	RANGE: sag? sao	tree
eglandulosum Ule		PROV: da pa	000m: 0-1	RANGE: per sat	shrub tree
jamaicense Sw.		PROV: bo ca ch da lo pa sa vr	000m: 0-1,1-2	RANGE: cag gag mex	tree
*oligoneurum Schum. & Pitt.		PROV: ch	000m: 1-2	RANGE: cag	tree
*pachystachys Schum. & Pitt.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr nic	tree
Sebastiania corniculata (Vahl) Muell.-Arg.		PROV: cc pa	000m: 0-1	RANGE: nwt	herb
*Senefeldera *testiculata Pitt.		PROV: da	000m: 0-1	RANGE: col ven	tree
Stillingia zelayensis (H.B.K.) Muell.-Arg.		PROV: ch	000m: 1-2	RANGE: gua mex	shrub
Tetrorchidium euryphyllum Standl. gorgonae Croiz. --subsp. robledoanum (Cuatr.) Webster		PROV: bo PROV: ca ch pa	000m: 0-1 000m: 0-1	RANGE: cr RANGE: col ecu	tree tree shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

174

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
147 (97) EUPHORBIACEAE cont.					
Tragia					
*bailloniana Muell.-Arg.		PROV: ch	000m: 1-2	RANGE: cag mex	climber
*fendleri Muell.-Arg.		PROV: da	000m: 0-1	RANGE: ven	climber
volubilis L.		PROV: ca he	000m: 0-1	RANGE: cag cub mex per sao sat	climber
149 (99) BUXACEAE					
Buxus					
citrifolia (Willd.) Spr.		PROV: ca pa	000m: 0-1	RANGE: ven	shrub tree
151 (100) CORIARIACEAE					
Coriaria					
*ruscifolia L.					
*--subsp. microphylla (Poir.) L. Skog		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag mex sag	shrub
153 (101) ANACARDIACEAE					
Anacardium					
excelsum (Bert. & Balb.) Skeels		PROV: bo ca cc ch da he lo pa vr	000m: 0-1	RANGE: cr ecu ven	tree
occidentale L.		intr. cult. PROV: ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: cr ecu sao	tree
Astronium					
graveolens Jacq.		PROV: ca cc ch da pa	000m: 0-1,1-2	RANGE: bol cag col mex sao	tree
Camnosperma					
panamensis Standl.		PROV: bo	000m: 0-1	RANGE: cr	tree
Mangifera					
indica L.		intr. cult. PROV: ca ch lo pa sa	000m: 0-1	RANGE: asi cr	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
153 (101) ANACARDIACEAE cont.					
<i>Mauria heterophylla</i> H.B.K.		PROV: ch da	000m: 0-1,1-2	RANGE: bol cr per sag?	shrub tree
<i>Mosquitoxylum jamaicense</i> Krug & Urb.		PROV: ca cc ch cn da pa sa	000m: 0-1	RANGE: ang cag mex	tree
<i>Schinus terebinthifolius</i> Raddi		intr. cult. PROV: ca	000m: 0-1	RANGE: sao	shrub tree
<i>Spondias mombin</i> L.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: ang cag mex per sag	tree
<i>purpurea</i> L.		cult. PROV: bo ca cc ch da lo pa	000m: 0-1,1-2	RANGE: ang cag mex per sao	shrub tree
<i>radikoferi</i> J.D. Sm.		PROV: bo ca ch cn pa	000m: 0-1	RANGE: bel cag cr gua hon mex nic sal ven	tree
<i>Tapirira brenesii</i> Standl.		PROV: ch	000m: 1-2	RANGE: cr nic	tree
<i>guianensis</i> Aubl.		PROV: ca cn pa sa	000m: 0-1	RANGE: per sag? sao sao	tree
<i>Toxicodendron striatum</i> (R. & P) Kuntze		PROV: ch	000m: 1-2	RANGE: cag? mex per sag? sao	tree shrub
154 (101A) CYRILLACEAE					
<i>Cyrilla racemiflora</i> L.		PROV: pa vr	000m: 0-1	RANGE: ang bel col gui mex nag? sao ven	tree
* <i>Purdiaea belizensis</i> (Sm. & Standl.) Thomas		PROV: vr	000m: 0-1	RANGE: cag	shrub
157 (102) AQUIFOLIACEAE					
<i>Ilex chiriquensis</i> Standl.		PROV: ch	000m: 1-2	RANGE: end	shrub
* <i>costaricensis</i> J.D. Sm.		PROV: bo ch	000m: 1-2	RANGE: cr	tree
<i>guianensis</i> (Aubl.) Kuntze		PROV: bo cc ch cn he pa	000m: 0-1,1-2	RANGE: ang cag gui	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
157 (102) AQUIFOLIACEAE cont.					
*kunthiana Triana lamprophylla Standl.		PROV: ca cc ch pa vr PROV: ch	000m: 0-1,1-2 000m: 1-2	RANGE: col cr RANGE: cr	tree tree shrub
*pallida Standl. valerii Standl. --var. ramonensis (Standl.) Edwin		PROV: ch PROV: ch PROV: ch	000m: 2-3,3+	RANGE: cr nic	tree
--var. valerii		PROV: ch	000m: 1-2	RANGE: cr	tree
*vulcanicola Standl.		PROV: vr	000m: 0-1	RANGE: cr	tree
*yurumanquinis Cuatr.		PROV: cc cn pa	000m: 0-1	RANGE: col cr pa	tree
158 (103) CELASTRACEAE					
*Cassine *xylocarpa Vent.		PROV: pa sa	000m: 0-1	RANGE: gag	tree
Celastrus panamensis Lund.		PROV: ch	000m: 0-1	RANGE: end	shrub
Crossopetalum eucymosa (Loes. & Pitt.) Lund.		PROV: bo ca cn	000m: 0-1	RANGE: cag	tree
*panamense Lund.		PROV: cn pa	000m: 0-1	RANGE: end	shrub
*parviflorum (Hemsl.) Lund.		PROV: bo ca	000m: 0-1	RANGE: end	treelet shrub
*tonduzii (Loes.) Lund.		PROV: ch	000m: 1-2	RANGE: cr mex	tree
*Goupia *glabra Aubl.		PROV: sa	000m: 0-1	RANGE: sat	tree
Maytenus *blepharodes (Pitt.) A. Gentry		PROV: ch	000m: 0-1,2-3,3+	RANGE: cr	shrub tree
*jefeana Lund. schippii Lund.		PROV: pa PROV: ca cn da	000m: 0-1 000m: 0-1	RANGE: end RANGE: bel	tree tree
*Perrottetia *excelsa Lund.		PROV: cn	000m: 0-1	RANGE: ex	tree
*multiflora Lund.		PROV: ch	000m: 1-2	RANGE: cr per ven	tree
*quinduensis H.B.K.		PROV: da	000m: 0-1,1-2	RANGE: col	shrub
*sessiliflora Lund.		PROV: vr	000m: 0-1,1-2	RANGE: cr	tree
*Quetzalia *occidentalis (Loes.) Lund.		PROV: pa	000m: 0-1,1-2	RANGE: cr	treelet
Wimmeria sternii Lund.		PROV: ch	000m: 1-2	RANGE: end	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
158 (103) CELASTRACEAE cont.					
Zinowiewia					
costaricensis Lund.		PROV: ch	000m: 1-2	RANGE: cr	tree
*micrantha Lund.		PROV: ch	000m: 2-3	RANGE: end	tree
159 (104) HIPPOCRATEACEAE					
Anthodon					
panamense A.C. Sm.		PROV: bo ca cn da	000m: 0-1	RANGE: end	climber
Chelloclinium					
*anomalum Miers		PROV: pa	000m: 0-1	RANGE: gui per sao	tree?
cognatum (Miers) A.C. Sm.		PROV: ca cn da pa	000m: 0-1	RANGE: bol per sag sao trt	shrub
*klugii A.C. Sm.		PROV: pa	000m: 0-1	RANGE: per ven	tree
*podostemmum Sandw.		PROV: pa	000m: 0-1	RANGE: wr	climber
Cuervea					
kappleriana (Miq.) A.C. Sm.		PROV: bo da sa vr	000m: 0-1	RANGE: ang cr sag?	climber
Elachyptera					
floribunda (Benth.) A.C. Sm.		PROV: bo ca ch cn pa vr	000m: 0-1,1-2	RANGE: cag ecu gua sag sao	climber
Hemiangium					
excelsum (H.B.K.) A.C. Sm.		PROV: vr	000m: 0-1	RANGE: cag col mex sao ven	climber shrub
Hippocratea					
volubilis L.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: cag fla mex sag sao	climber
Hylenaea					
praecelsa (Miers) A.C. Sm.		PROV: ca da pa sa	000m: 0-1	RANGE: col	climber
Peritassa					
pruinosa (Seem.) A.C. Sm.		PROV: ca da pa	000m: 0-1	RANGE: col per	climber
Prionostemma					
aspera (Lam.) Miers		PROV: ca da	000m: 0-1	RANGE: bol sag? trt	climber
Pristimera					
*austin-smithii (Lund.) A.C. Sm.		PROV: da	000m: 0-1	RANGE: cr	climber
nervosa (Miers) A.C. Sm.		PROV: ca	000m: 0-1	RANGE: bol gui per sao ven	climber tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

178

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
159 (104) HIPPOCRATEACEAE cont.					
Salacia					
*gigantea Loes.		PROV: pa	000m: 0-1	RANGE: per	tree
*impressifolia (Miers) A.C. Sm.		PROV: da	000m: 0-1,1-2	RANGE: hon mex	tree
*juruana Loes.		PROV: pa	000m: 0-1,1-2	RANGE: per ven	tree
megistophylla Standl.		PROV: bo da pa vr	000m: 0-1	RANGE: ven	climber
*petenensis Lund.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr gua	tree
*pittieriana A.C. Sm.		PROV: pa	000m: 0-1,1-2	RANGE: wr	tree
Tontelea					
*attenuata Miers		PROV: cn	000m: 0-1	RANGE: col gui sao ven	tree
*hondurensis A.C. Sm.		PROV: cc pa	000m: 0-1,2-3	RANGE: gua hon	climber
richardii (Peyr.) A.C. Sm.		PROV: ca	000m: 0-1	RANGE: gui	climber
161 (105) STAPHYLEACEAE					
Turpinia					
occidentalis (Sw.) G. Don					
--subsp. breviflora Croat		PROV: ca cc da pa vr	000m: 0-1,1-2	RANGE: ang cag col mex	tree
--subsp. occidentalis		PROV: ch vr	000m: 1-2,2-3	RANGE: ang cag his jam mex per sao ven	tree
162 (106) ICACINACEAE					
Calatola					
costaricensis Standl.		PROV: bo cc ch da pa sa vr	000m: 0-1,1-2	RANGE: cr	tree
Citronella					
costaricensis (J.D. Sm.) Howard		PROV: ch	000m: 1-2	RANGE: cr	tree
Dendrobangia					
boliviana Rusby		PROV: pa sa	000m: 0-1	RANGE: bol gui	tree
Discophora					
guianensis Miers		PROV: bo ca da pa sa	000m: 0-1,1-2	RANGE: gui sao	tree shrub
Leretia					
cordata Vell.		PROV: bo cn da sa	000m: 0-1	RANGE: per sao	climber tree
Mappia					
racemosa Jacq.		PROV: bo	000m: 0-1	RANGE: cub jam pr	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
162 (106) ICACINACEAE cont.					
<i>Poraqueiba</i> <i>guianensis</i> Aubl.		PROV: ch	000m: 1-2	RANGE: gui sao ven	tree
164 (107) HIPPOCASTANACEAE					
<i>Billia</i> <i>columbianum</i> Planch. & Lind. * <i>hippocastanum</i> Peyr.		PROV: ch da vr PROV: cc	000m: 1-2 000m: 0-1,1-2	RANGE: col cr ecu ven RANGE: cag	tree tree
165 (108) SAPINDACEAE					
<i>Allophylus</i> <i>gentryi</i> Croat <i>occidentalis</i> (Sw.) Radik. <i>psilospermus</i> Radik.		PROV: da pa PROV: ca cc ch da he pa vr PROV: ca cc ch da lo pa vr	000m: 0-1 000m: 0-1 000m: 0-1	RANGE: end RANGE: ang bel cr cub gua gui his RANGE: ang cag mex	tree shrub tree tree
<i>Blighia</i> <i>sapida</i> Koenig		PROV: bo ca	000m: 0-1	RANGE: afr	tree
<i>Cardiospermum</i> <i>grandiflorum</i> Sw. <i>microcarpum</i> H.B.K.		PROV: bo ca cc cn pa vr PROV: ca he pa	000m: 0-1 000m: 0-1	RANGE: afr cag? jam per sag? sao ven RANGE: afr gui ven	climber climber
<i>Cupania</i> <i>cinerea</i> P. & E. <i>dukei</i> Croat <i>guatemalensis</i> (Turcz.) Radik. <i>hirsuta</i> Radik. <i>latifolia</i> H.B.K. <i>livida</i> (Radik.) Croat <i>rufescens</i> Tr. & Pl. <i>scrobiculata</i> Rich. <i>sylvatica</i> Seem. --var. <i>fosteri</i> Croat --var. <i>sylvatica</i>		PROV: bo ca cn da pa PROV: da sa PROV: cc ch da he vr PROV: bo PROV: ca cn pa PROV: cn PROV: bo ca ch da lo pa vr PROV: ca ch cn vr PROV: ca pa vr PROV: ca da pa	000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1	RANGE: ang bol col cr per ven RANGE: end RANGE: cag gua mex RANGE: cr gui ven RANGE: col ecu per sao ven RANGE: cr RANGE: bel cag col gui mex nic sao ven RANGE: bel col gui sao ven RANGE: end RANGE: col	tree tree shrub tree tree tree tree tree shrub tree tree tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
165 (108) SAPINDACEAE cont.					
<i>Dipterodendron costaricense</i> Radlk.		PROV: ch da pa	000m: 0-1	RANGE: cr	tree
<i>Dodonaea viscosa</i> (L.) Jacq.		PROV: bo ch pa vr	000m: 0-1,1-2	RANGE: wdt	shrub tree
<i>Filicium decipiens</i> (Wight & Arn.) Thwaites		cult. PROV: pa	000m: 0-1	RANGE: afr asi	tree
<i>Matayba</i>					
* <i>apetala</i> (Macfad.) Radlk.		PROV: ca	000m: 0-1	RANGE: bel gag hon mex	tree
<i>glaberrima</i> Radlk.		PROV: ca cc da lo pa vr	000m: 0-1,1-2	RANGE: cag mex	shrub tree
<i>ingaefolia</i> Standl.		PROV: bo vr	000m: 0-1	RANGE: cr?	tree
<i>kennedyi</i> Croat		PROV: pa	000m: 0-1	RANGE: end	tree
<i>scrobiculata</i> (H.B.K.) Radlk.		PROV: ca ch da lo pa	000m: 0-1	RANGE: bol cag col mex ven	tree
<i>Melicoccus bijugatus</i> Jacq.		intr. cult. PROV: ca pa	000m: 0-1	RANGE: ang col cr gui his lag nic trt	tree
<i>Paullinia</i>					
<i>alata</i> (R. & P.) G. Don		PROV: bo ch da pa	000m: 0-1	RANGE: bol col cr per sag?	climber
<i>allenii</i> Standl.		PROV: cc	000m: 0-1	RANGE: end	climber tree
<i>baileyi</i> Standl.		PROV: bo ca cn pa	000m: 0-1	RANGE: end	climber
<i>bracteosa</i> Radlk.		PROV: bo ca ch da lo pa sa	000m: 0-1	RANGE: bol cr per sao ven	climber
<i>brenesii</i> Croat		PROV: ch	000m: 0-1,1-2	RANGE: cr hon	climber
<i>bristanii</i> Croat		PROV: da	000m: 0-1	RANGE: end	climber
<i>buricana</i> Croat		PROV: ch	000m: 0-1	RANGE: end	climber
<i>correae</i> Croat		PROV: cn pa	000m: 0-1	RANGE: end	climber
<i>costaricensis</i> Radlk.		PROV: ca cc ch cn pa	000m: 0-1	RANGE: cag cr gua	climber
<i>costata</i> Schlecht. & Cham.		PROV: cc pa	000m: 0-1	RANGE: cag gua gui mex	climber
<i>cururu</i> L.		PROV: ca cc ch da he pa vr	000m: 0-1	RANGE: ang cag col mex ven	climber
<i>dasystachya</i> Radlk.		PROV: he	000m: 0-1	RANGE: bol ecu per sao	climber shrub
<i>dodgei</i> Standl.		PROV: da pa sa	000m: 0-1	RANGE: cr	climber
<i>dukei</i> Croat		PROV: da pa	000m: 0-1	RANGE: end	climber
<i>eliasii</i> Croat		PROV: cc cn da pa	000m: 0-1	RANGE: end	climber
<i>faginea</i> (Tr. & Pl.) Radlk.		PROV: ch pa vr	000m: 0-1,1-2	RANGE: col cr per	climber
<i>fasiculata</i> Radlk.		PROV: bo cn pa	000m: 0-1	RANGE: cr gui trt	climber
<i>fibrigera</i> Radlk.		PROV: ca ch da pa	000m: 0-1	RANGE: cag	climber
<i>funicularis</i> Radlk.		PROV: ca cn da sa	000m: 0-1	RANGE: end	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
165 (108) SAPINDACEAE cont.					
<i>fuscescens</i> H.B.K.					
--var. <i>fuscescens</i>		PROV: ca cc da he lo pa vr	000m: 0-1	RANGE: ang cag mex sag? sao	climber
--var. <i>glabrata</i> Croat		PROV: ca ch vr	000m: 0-1,1-2	RANGE: cag mex	climber
<i>glomerulosa</i> Radlk.		PROV: bo ca da pa	000m: 0-1	RANGE: ang mex ven	climber
<i>grandifolia</i> Radlk.		PROV: cc da pa vr	000m: 0-1,1-2	RANGE: cr gui per sao	climber
<i>kallunkii</i> Croat		PROV: da pa sa	000m: 0-1	RANGE: end	climber
<i>mallophylla</i> Radlk.		PROV: bo ca cc ch cn pa vr	000m: 0-1,1-2	RANGE: cr	climber
<i>morii</i> Croat		PROV: vr	000m: 0-1	RANGE: end	climber
<i>panamensis</i> Croat		PROV: pa sa	000m: 0-1	RANGE: end	climber
<i>pilonensis</i> Croat		PROV: cc	000m: 0-1	RANGE: end	climber
<i>pinnata</i> L.		PROV: bo ca da pa sa	000m: 0-1	RANGE: afr bol cag? gui sag?	climber
<i>pterocarpa</i> Tr. & Pl.		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: col cr ecu per trt	climber
<i>rugosa</i> Radlk.		PROV: ca cn pa sa vr	000m: 0-1	RANGE: col cr per sao	climber
<i>serjaniaefolia</i> Tr. & Pl.		PROV: ca cc ch cn da pa sa vr	000m: 0-1	RANGE: col cr per	climber
<i>sessiliflora</i> Radlk.					
--var. <i>angustirachis</i> Croat		PROV: ch da pa sa	000m: 0-1	RANGE: end	climber
<i>sternii</i> Croat		PROV: da	000m: 0-1	RANGE: end	climber
<i>stipitata</i> Cuatr.		PROV: cn pa	000m: 0-1	RANGE: col	climber
<i>stipularis</i> Radlk.		PROV: cc da pa	000m: 0-1	RANGE: sao	climber
<i>tenuifolia</i> Macbr.		PROV: ch	000m: 0-1	RANGE: per sao ven	climber
<i>turbacensis</i> H.B.K.		PROV: ca ch cn da pa sa	000m: 0-1	RANGE: col gua mex	climber
<i>Pseudima</i>					
<i>frutescens</i> (Aubl.) Radlk.		PROV: da sa	000m: 0-1	RANGE: gui sao	shrub tree
* <i>panamensis</i> Croat		PROV: da	000m: 0-1	RANGE: wr	shrub
<i>Sapindus</i>					
<i>saponaria</i> L.		PROV: ca cc ch da he pa sa	000m: 0-1	RANGE: ang cag? fla his mex sag? sao	tree
<i>Serjania</i>					
<i>acuta</i> Tr. & Pl.		PROV: ch vr	000m: 1-2	RANGE: cag mex ven	climber
<i>allenii</i> Croat		PROV: ca cc pa	000m: 0-1	RANGE: end	climber
<i>atrolineata</i> Sauv. & Wright		PROV: ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: ang cag col cub mex ven	climber
<i>circumvallata</i> Radlk.		PROV: bo ca	000m: 0-1	RANGE: col cr	climber
<i>cornigera</i> Turcz.		PROV: ca cn da	000m: 0-1	RANGE: cag? hon	climber
<i>darcyi</i> Croat		PROV: ch	000m: 1-2	RANGE: end	climber
<i>decapleuria</i> Croat		PROV: ca	000m: 0-1	RANGE: col cr	climber
<i>grandis</i> Seem.		PROV: ch lo vr	000m: 0-1	RANGE: cag? hon per sag?	climber
<i>insignis</i> Radlk.		PROV: ca da pa	000m: 0-1	RANGE: col	climber
<i>mexicana</i> (L.) Willd.		PROV: bo ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: cag col jam mex ven	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

182

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
165 (108) SAPINDACEAE cont.					
paniculata H.B.K. paucidentata DC.		PROV: ch PROV: ca	000m: 0-1 000m: 0-1	RANGE: cag col mex ven RANGE: cag gui mex per sao	climber climber
pluvialiflorens Croat rhombea Radik.		PROV: bo ca PROV: ca cc cn da lo pa sa	000m: 0-1 000m: 0-1	trt RANGE: end RANGE: cag col cr ecu mex	climber climber
trachygona Radik.		PROV: ca cn pa	000m: 0-1	ven RANGE: bol per	climber
<i>Talisia</i> allenii Croat		PROV: da	000m: 0-1	RANGE: cr	shrub tree
dwyeri Croat hexaphylla Vahl		PROV: pa PROV: ch da	000m: 0-1 000m: 0-1	RANGE: end RANGE: bol sao	shrub tree
nervosa Radik.		PROV: bo ca cn da pa vr	000m: 0-1	RANGE: col cr	shrub shrub
princeps Oliv.		PROV: bo ca da pa	000m: 0-1	RANGE: ven	tree tree
<i>Thinouia</i> myriantha Tr. & Pl.		PROV: ca da	000m: 0-1	RANGE: bel col gui per ven	climber
<i>Urvillea</i> ulmacea H.B.K.		PROV: ca ch pa	000m: 0-1	RANGE: cag? sag? sao tex ven	climber

166 (109) SABIACEAE

<i>Lorenzanea</i> *irazuensis Standl.		PROV: ch	000m: 3+	RANGE: cr	tree
<i>Meliosma</i> allenii Standl. & L.O. Wms.		PROV: bo ca cn da pa sa vr	000m: 0-1	RANGE: cag col gua mex	shrub
brenesii Standl.		PROV: cc ch	000m: 0-1	RANGE: cr	tree
cordata A. Gentry		PROV: vr	000m: 0-1	RANGE: end	tree
frondosa Cuatr. & Idrobo		PROV: vr	000m: 1-2	RANGE: col ecu	tree
glabrata (Liebm.) Urb.		PROV: bo cc	000m: 0-1	RANGE: col cr ecu?	tree
grandiflora A. Gentry		PROV: cc	000m: 0-1	RANGE: cr	tree
idiopoda Blake		PROV: ch	000m: 1-2, 2-3	RANGE: cag cr gua mex	shrub tree
linearifolia A. Gentry		PROV: cn pa	000m: 0-1	RANGE: end	tree
occidentalis Cuatr.		PROV: cc ch da	000m: 0-1, 1-2	RANGE: col ecu	tree
schlimii (Turcz.) Triana		PROV: cc cn pa	000m: 0-1, 1-2	RANGE: col cr	tree
vernica A. Gentry		PROV: pa vr	000m: 0-1	RANGE: cr	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
168 (110) BALSAMINACEAE					
Impatiens					
turrialbana J.D. Sm.		PROV: ch	000m: 0-1	RANGE: cag cr	herb
wallerana Hook. f.		intr. cult. nat. PROV: pa	000m: 0-1	RANGE: afr	herb
169 (111) RHAMNACEAE					
Ceanothus					
caeruleus Lag.		PROV: ch	000m: 1-2,2-3,3+	RANGE: gag gua mex sal	shrub
Colubrina					
arborescens (Mill.) Sarg.		PROV: bo	000m: 0-1	RANGE: ang cag mex	tree
glandulosa Perk.					
--var. glandulosa		PROV: ca lo pa vr	000m: 0-1	RANGE: col gui sag? sao ven	tree
heteroneura (Griseb.) Standl.		PROV: ca pa	000m: 0-1	RANGE: cag col mex	shrub tree
spinosa J.D. Sm.					
--var. spinosa		PROV: bo	000m: 0-1	RANGE: cr nic	tree
Gouania					
*adenophera Pilger		PROV: ca cn pa	000m: 0-1	RANGE: per	climber
hypoglauca Standl.		PROV: bo cc cn pa	000m: 0-1	RANGE: cr	climber
lupuloides (L.) Urb.		PROV: bo ca cc ch da he lo pa vr	000m: 0-1	RANGE: ang cag cr mex sag?	climber
polygama (Jacq.) Urb.		PROV: ca cc da pa	000m: 0-1	RANGE: sat	climber
*tomentosa Jacq.		PROV: ch da	000m: 0-1	RANGE: wr	climber
Rhamnidium					
caloneurum Standl.		PROV: bo	000m: 0-1	RANGE: end	tree
Rhamnus					
*oreodendron L.O. Wms.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag	tree shrub
*sharpii M.C. & L.A. Johnst.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: cag mex	tree
*sphaerosperma Sw.					
*--var. pubescens M.C. & L.A. Johnston		PROV: ch da	000m: 1-2,2-3	RANGE: col cr per sag sat ven	tree
Ziziphus					
mauritiana Lam.		intr. cult. nat.			
		PROV: he lo	000m: 0-1	RANGE: afr asi cr	tree
strychnifolia Tr. & Pl.		PROV: da	000m: 0-1	RANGE: col?	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
170 (112) VITACEAE					
Cissus					
*allenii Croat		PROV: cc ch lo vr	000m: 0-1,1-2	RANGE: cr	climber
biformifolia Standl.		PROV: bo ch da lo pa	000m: 0-1	RANGE: bol cag? col	climber
brevipes Mort. & Standl.		PROV: cc	000m: 0-1,1-2	RANGE: cr	climber
erosa Rich.		PROV: ca cc cn da he pa sa vr	000m: 0-1	RANGE: ang cag mex sag	climber
martiniana Woods. & Seib.		PROV: ch da pa	000m: 0-1,1-2	RANGE: cag? gua mex sag?	climber shrub
microcarpa Vahl		PROV: bo ca cc ch cn he pa vr	000m: 0-1,2-3	RANGE: ang cag mex sag sao	climber
*neei Croat		PROV: pa	000m: 0-1	RANGE: end	climber
*pseudosicyoides Croat		PROV: bo ca ch cn da lo pa vr	000m: 0-1	RANGE: col cr	herb
rhubifolia Vahl		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: ang cag mex sag	climber
sicyoides L.		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1,1-2	RANGE: ang cag nas sag?	climber
*ulmifolia (Baker) Planch.		PROV: da pa	000m: 0-1,1-2	RANGE: ecu per	climber
Vitis					
tiliifolia R. & S.		PROV: bo ca cc ch cn da pa sa	000m: 0-1,1-2	RANGE: ang cag mex sag?	climber

171 (113) ELAEOCARPACEAE

Muntingia calabura L.		PROV: ca cc ch cn da he lo pa	000m: 0-1	RANGE: nwt	tree
Sloanea					
medusula Schum. & Pitt.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag col gua	tree
megaphylla Pitt.		PROV: cn	000m: 0-1	RANGE: col? cr? nic?	tree
terniflora (DC.) Standl.		PROV: ca cc ch he lo pa vr	000m: 0-1	RANGE: bol cag mex per sag? sao	tree
zuliaensis Pitt.		PROV: ca cn da	000m: 0-1,1-2	RANGE: cr ven	tree

174 (114) TILIACEAE

Apeiba					
aspera Aubl.		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: bol col cr sag?	tree
tibourbou Aubl.		PROV: ca cc ch cn da he he pa sa vr	000m: 0-1	RANGE: cag sag	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
174 (114) TILIACEAE cont.					
*Clappertonia *ficifolia Decne.		PROV: ch	000m: 0-1	RANGE: afr	treelet
Corchorus hirtus L.		PROV: ca he pa	000m: 0-1	RANGE: nwt	herb
orinocensis H.B.K.		PROV: ca cc lo pa	000m: 0-1	RANGE: ang cag fla nao sag	herb
siliquosus L.		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: tex cag? fla nwt sag?	shrub
Dicraspidia donnell-smithii Standl.		PROV: bo	000m: 0-1	RANGE: cr	shrub tree
Goethalsia meiantha (J.D. Sm.) Burret		PROV: ch	000m: 0-1	RANGE: col cr	tree
Heliocarpus *americanus L.		PROV: ca cc ch cn da	000m: 0-1,1-2,3-2	RANGE: cag mex sag sao	tree
Luehea candida (DC.) Mart. & Zucc.		PROV: cc lo pa	000m: 0-1	RANGE: cag col mex ven	tree
seemannii Tr. & Pl.		PROV: bo ca cn da he pa sa vr	000m: 0-1	RANGE: cag col cr	tree
speciosa Willd.		PROV: ca cc cn da he lo pa sa vr	000m: 0-1	RANGE: cag col cub sao	tree
Mortonioidendron anisophyllum (Standl.) Standl. & Steyerl.		PROV: bo	000m: 0-1	RANGE: cr	tree
*guatemalense Standl. & Steyerl.		PROV: cn	000m: 0-1	RANGE: cr	shrub treelet
hirsutum Standl.		PROV: bo	000m: 0-1	RANGE: end	shrub
Trichospermum galeottii (Turcz.) Kosterm.		PROV: ca cc ch da pa sa vr	000m: 0-1,1-2	RANGE: cag col ecu mex	tree
Triumfetta arborescens (Seem.) Sprague		PROV: cc	000m: 0-1	RANGE: cr	shrub tree
bogotensis DC.		PROV: ca ch cn lo pa	000m: 0-1,1-2	RANGE: nwt	shrub
grandiflora Vahl		PROV: cc	000m: 0-1	RANGE: nwt	shrub tree
lappula L.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: nwt	shrub
speciosa Seem.		PROV: ch	000m: 1-2	RANGE: cag mex	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

186

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
175 (115) MALVACEAE					
Abelmoschus esculentus (L.) Moench		intr. cult. PROV: ca pa	000m: 0-1	RANGE: asi wdt	woody herb
*manihot (L.) Medik.		intr. cult. nat. PROV: vr	000m: 0-1	RANGE: asi wdt	herb
moschatus Medik.		intr. cult. PROV: bo ca ch cn da he pa	000m: 0-1	RANGE: asi wdt	woody herb
Abutilon cymosum Tr. & Pl.		PROV: ch	000m: 0-1	RANGE: col	shrub
*divaricatum Turcz.		PROV: ch	000m: 0-1, 1-2	RANGE: cag mex	shrub
giganteum (Jacq.) Sweet		PROV: pa	000m: 0-1	RANGE: ang nic per sao	herb shrub tree
*hirtum (Lam.) Sweet		PROV: ch Ba	000m: 1-2	RANGE: afr ang asi cag fla mex oce per ven	herb
purpusii Standl.		PROV: ch	000m: 0-1, 1-2	RANGE: cr gua mex	shrub tree
theophrasti Medik.		intr. PROV: pa	000m: 0-1	RANGE: asi	herb
*Althea *rosea L.		PROV: wp	000m: we	RANGE: wr	herb
Anoda acerifolia (Roem.) DC.		PROV: ca	000m: 0-1	RANGE: nwg?	herb
*Briquetia *spicata (H.B.K.) Fryx.		PROV: ca pa	000m: 0-1	RANGE: bol cag cub mex per sag? sao	woody herb
Gossypium barbadense L.		cult. PROV: ca cc he pa sa	000m: 0-1	RANGE: col per sao	woody herb
*hirsutum L.		cult. PROV: cc ch cn da	000m: 0-1	RANGE: ang cag mex	shrub treelet shrub
Hampea *albipetala Cuatr.		PROV: cc	000m: 0-1, 1-2	RANGE: col cr	tree
appendiculata (J.D. Sm.) Standl. --var. appendiculata		PROV: bo ca cc ch da	000m: 0-1, 1-2, 2-3	RANGE: cr hon nic	shrub tree
*--var. longicalyx Fryx.		PROV: ca cc da pa	000m: 0-1	RANGE: end	tree
*dukei A. Robyns		PROV: sa	000m: 0-1	RANGE: end	tree
*micrantha A. Robyns		PROV: cn pa pa sa	000m: 0-1	RANGE: end	tree shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
175 (115) MALVACEAE cont.					
* <i>platanifolia</i> Standl.		PROV: ch	000m: 0-1	RANGE: cr nic	treelet
* <i>punctulata</i> Cuatr.		PROV: pa sa vr	000m: 0-1	RANGE: col	shrub treelet
* <i>Herissantia</i>					
* <i>crispa</i> (L.) Brizicky		PROV: ca he pa	000m: 0-1	RANGE: bol cag mex nas per sao sat	herb shrub
<i>Hibiscus</i>					
<i>bifurcatus</i> Cav.		PROV: ca cn pa	000m: 0-1	RANGE: ang cag gui sao	herb shrub
<i>costatus</i> A. Rich.		PROV: cc	000m: 0-1	RANGE: cag cub mex	woody herb
<i>furcellatus</i> Desr.		PROV: ca	000m: 0-1	RANGE: ang cag fla mex sag? sao	woody herb
* <i>pernambucensis</i> Arruda		PROV: bo ca ch cn da pa sa vr	000m: 0-1	RANGE: nwt per	shrub tree
<i>phoeniceus</i> Jacq.		PROV: pa	000m: 0-1	RANGE: ang cag col mex ven	woody herb
<i>radiatus</i> Cav.	intr. cult.	PROV: pa	000m: 0-1	RANGE: asi wdt	herb
<i>rosa-sinensis</i> L.	intr. cult.	PROV: bo ca cn pa sa	000m: 0-1	RANGE: wdw	shrub
<i>sabdariffa</i> L.	intr. cult. nat.	PROV: ca	000m: 0-1	RANGE: afr wdt	herb
<i>schizopetalus</i> (Mast.) Hook. f.	intr. cult.	PROV: bo ca pa vr bo ca da pa	000m: 0-1 000m: 0-1	RANGE: afr per wdt RANGE: bol cag cub mex sag sao	shrub woody herb
<i>sororius</i> L.		PROV: bo ca da pa	000m: 0-1	RANGE: gui sao	herb
<i>spathulatus</i> Garcke		PROV: ca vr	000m: 0-1		
<i>Kosteletzkya</i>					
* <i>depressa</i> (L.) Blanchard, Fryx. & Bates		PROV: he pa	000m: 0-1	RANGE: ang cag ecu mex ven	herb shrub
<i>Lopimia</i>					
<i>dasyptala</i> (Turcz.) Standl.		PROV: ca pa	000m: 0-1	RANGE: col cr nic sao ven	tree shrub
<i>malacophylla</i> (Link & Otto) Mart.		PROV: ca pa	000m: 0-1	RANGE: bol cag cub mex nic sao sao	shrub tree
<i>Malachra</i>					
<i>alceifolia</i> Jacq.		PROV: bo ca da he pa	000m: 0-1	RANGE: ang cag mex per sao	woody herb
<i>fasciata</i> Jacq.		PROV: ca pa	000m: 0-1	RANGE: ang cag mex sao	shrub woody herb
<i>radiata</i> (L.) L.		PROV: pa	000m: 0-1	RANGE: afr ang cag mex sag sao	woody herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

188

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
175 (115) MALVACEAE cont.					
Malva neglecta Wallr.		PROV: ch pa	000m: 0-1,1-2	RANGE: wdw	herb
Malvastrum americanum (L.) Torr.		PROV: da	000m: 0-1	RANGE: wdt	shrub woody
coromandelianum (L.) Garcke		PROV: ca pa	000m: 0-1	RANGE: wdw	herb woody herb
Malvaviscus arboreus Cav.					
--var. lobatus A. Robyns		PROV: ch	000m: 1-2	RANGE: end	shrub tree
--var. mexicanus Schlecht. cult.		PROV: bo ca cc ch da lo pa vr	000m: 0-1,1-2	RANGE: cag mex per sao	shrub
*longifolius Garcke		PROV: cc ch da vr	000m: 0-1	RANGE: col ecu per sao ven	shrub
Neobrittonia acerifolia (G. Don) Hochr.		PROV: ch	000m: 1-2	RANGE: cag mex	herb shrub
Pavonia alba Seem.		PROV: ca pa	000m: 0-1	RANGE: col ven	woody herb
fruticosa (Mill.) Fawc. & Rendl.		PROV: ca ch da pa sa	000m: 0-1,1-2	RANGE: ang per sao	herb shrub
longipes Standl.					
--var. hirsuta A. Robyns		PROV: da	000m: 0-1	RANGE: cr	herb
--var. longipes		PROV: bo	000m: 0-1	RANGE: cr	woody herb
maxonii (Standl.) Standl.		PROV: ch	000m: 0-1	RANGE: cr	herb
oxyphyllaria J.D. Sm.		PROV: bo cc	000m: 0-1	RANGE: col cr per sao	herb shrub
paniculata Cav.		PROV: bo ca cc ch da pa	000m: 0-1	RANGE: ang cag mex sag sao	woody herb shrub
penduliflora (Standl.) Standl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
rhizophorae Killip		PROV: da sa	000m: 0-1	RANGE: col	shrub
*schiedeana Steud.		PROV: bo ca cc ch da pa	000m: 0-1	RANGE: ang cag col mex sao	woody herb shrub
sidifolia H.B.K.		PROV: lo	000m: 0-1	RANGE: mex per sao ven	woody herb
spicata Cav.		PROV: bo ca cn	000m: 0-1	RANGE: ang cag fla sao	shrub
spinifex (L.) Cav.		PROV: wp	000m: 0-1	RANGE: ang per sag? sao	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
175 (115) MALVACEAE cont.					
<b>Peltaea</b>					
ovata (Presl) Standl.		PROV: ca pa vr	000m: 0-1	RANGE: col	herb
sessiliflora (H.B.K.) Standl.		PROV: ca	000m: 0-1	RANGE: col cr per ven	shrub herb
*trinervis (Presl) Krap. & Crist.		PROV: ca cc pa	000m: 0-1	RANGE: col cr gui mex nic sao trt ven	shrub herb
<b>Sida</b>					
acuta Burm. f.					
--var. acuta		PROV: bo ca cc ch cn da pa	000m: 0-1,1-2	RANGE: cr per wdt	woody herb
--var. cuspidata A. Robyns		PROV: cc pa	000m: 0-1	RANGE: wdt	herb
aggregata Presl		PROV: pa	000m: 0-1	RANGE: ang cag mex sao	herb shrub
ciliaris L.		PROV: cc pa	000m: 0-1	RANGE: ang cag mex nas per sag sao	herb
glabra Mill.		PROV: ca ch pa	000m: 0-1	RANGE: ang cag col mex sag? ven	woody herb
glomerata Cav.		PROV: ca ch da pa	000m: 0-1,1-2	RANGE: ang bol cr per sag? sao	herb
jamaicensis L.		PROV: cc pa	000m: 0-1	RANGE: ang col cr gua mex nic	woody herb
*jussieana DC.		PROV: ca cc pa	000m: 0-1	RANGE: cag mex sag sao	herb
linearifolia St. Hil. et al.		PROV: ca pa	000m: 0-1	RANGE: cag sao	woody herb
linifolia Cav.		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: afr cag mex per sag	woody herb
*repens Cav. Cav.		PROV: wp	000m: we	RANGE: ang asi nic sao	herb
rhubifolia L.		PROV: bo ca cc ch cn da he pa sa	000m: 0-1,1-2	RANGE: per wdw	herb shrub
*setosa Colla		PROV: cc	000m: 0-1	RANGE: col ecu per sao ven	herb
spinosa L.		PROV: ca pa	000m: 0-1	RANGE: wdw	woody herb
urens L.		PROV: ca ch pa	000m: 0-1,1-2	RANGE: afr ang bol cag mex per sag sao	herb
<b>Sidastrum</b>					
*paniculatum (L.) Fryx.		PROV: wp	000m: we	RANGE: afr ang cag mex sag	woody herb
quinquenervium Tr. & Pl.		PROV: ca pa	000m: 0-1	RANGE: sao tex gui sao	herb
<b>Thespesia</b>					
populnea Correa		cult. PROV: ca cn	000m: 0-1	RANGE: wdt	shrub tree
<b>Urena</b>					
lobata L.		PROV: bo ca cn	000m: 0-1	RANGE: nwt per wdt	woody herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

190

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
175 (115) MALVACEAE cont.					
<i>sinuata</i> L.		PROV: ca pa	000m: 0-1	RANGE: nwt	woody herb
<b>Wercklea</b>					
* <i>cocleana</i> (A. Robyns) Fryx.		PROV: cc	000m: 0-1	RANGE: end	shrub tree
* <i>ferox</i> (Hook.) Fryx.		PROV: ca cn da pa	000m: 0-1,1-2	RANGE: bol col cr ecu	shrub tree
* <i>grandiflora</i> Fryx.		PROV: cc vr	000m: 0-1	RANGE: end	tree
* <i>insignis</i> Pitt. & Standl.		PROV: ch	000m: 1-2	RANGE: cr	tree
* <i>woodsonii</i> (A. Robyns) Fryx.		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree
<b>Wissadula</b>					
<i>amplissima</i> (L.) R.E. Fries		PROV: pa	000m: 0-1	RANGE: ang cag mex sag? sao tex	woody herb shrub
<i>excelsior</i> (Cav.) Presl		PROV: bo ca cc pa	000m: 0-1	RANGE: cag cub mex per sag? sao	herb shrub
* <i>hirsuta</i> Presl		PROV: cc	000m: 0-1	RANGE: cag sag ven	herb
<i>periplocifolia</i> (L.) Presl		PROV: ca pa	000m: 0-1	RANGE: ang cag mex sag sao	woody herb
177 (116) BOMBACACEAE					
<b>Bombacopsis</b>					
<i>quinata</i> (Jacq.) Dugand		PROV: ca cc da pa	000m: 0-1	RANGE: cag? col nic ven	tree
<i>sessilis</i> (Benth.) Pitt. cult.		PROV: ca cc ch cn pa sa vr	000m: 0-1,1-2	RANGE: cr	tree
<b>Cavanillesia</b>					
<i>platanifolia</i> (H. & B.) H.B.K.		PROV: ca da lo pa	000m: 0-1	RANGE: nic per sag?	tree
<b>Ceiba</b>					
<i>pentandra</i> (L.) Gaertn.		PROV: bo ca ch da pa	000m: 0-1	RANGE: wdw	tree
<i>rosea</i> (Seem.) Schum.		PROV: cc da vr	000m: 0-1,1-2	RANGE: end	tree
<b>Gyranthera</b>					
<i>darienensis</i> Pitt.		PROV: sa	000m: 0-1	RANGE: end	tree
<b>Ochroma</b>					
<i>pyramidale</i> (Lam.) Urb. cult.		PROV: bo ca ch cn da lo pa vr	000m: 0-1	RANGE: cr wdt	tree
<b>Pachira</b>					
<i>aquatica</i> Aubl. cult.		PROV: bo ca cn da pa	000m: 0-1	RANGE: afr asi cag cub ecu his jam mex per sao trt	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
177 (116) BOMBACACEAE cont.					
*Patinoa *almirajo Cuatr.		PROV: cc pa	000m: 0-1	RANGE: col	tree
Pseudobombax septenatum (Jacq.) Dugand		PROV: ca cn da pa	000m: 0-1	RANGE: cag? col nic per sao ven	tree
Quararibea asterolepis Pitt. bracteolosa (Ducke) Cuatr.		PROV: da PROV: bo cn da pa	000m: 0-1 000m: 0-1	RANGE: cr RANGE: col cr ecu nic per sao	tree tree
*ciroana Cuatr. cordata (H. & B.) Vischer		PROV: cc PROV: cc cn da	000m: 0-1, 1-2 000m: 0-1	RANGE: wr RANGE: col cr ecu per sao	tree tree
*dolichopoda A. Robyns		PROV: cc cn da pa	000m: 0-1	RANGE: end	tree
*dolichosiphon Robyns & Nilsson		PROV: da	000m: 0-1	RANGE: end	tree
*jefensis Robyns & Nilsson		PROV: cc pa	000m: 0-1	RANGE: end	tree
*lomensis Cuatr. obliquifolia (Standl.) Standl.		PROV: cc PROV: bo cc cn da	000m: 0-1 000m: 1-2	RANGE: col ecu? RANGE: col cr ecu	tree tree
*ochrocalyx (K. Schum.) Vischer parvifolia Standl.		PROV: wp PROV: bo	000m: 0-1 000m: 0-1	RANGE: bol col cr ecu gui per sao ven	tree tree
*platyphylla Pitt. & J.D. Sm. pterocalyx Hemsl.		PROV: bo cn sa PROV: bo ca cn da pa sa	000m: 0-1 000m: 0-1 000m: 0-1	RANGE: cr RANGE: cr RANGE: col ven?	tree tree tree
*sanblasensis A. Robyns stenophylla Pitt.		PROV: sa PROV: bo ca cc cn da pa	000m: 0-1 000m: 0-1	RANGE: col? RANGE: cr sao	tree tree
178 (117) STERCULIACEAE					
*Ayena *micrantha Standl.		PROV: cc	000m: 0-1	RANGE: cag mex	treelet
Byttneria aculeata Jacq.		PROV: bo ca cc da pa vr	000m: 0-1	RANGE: bol cag mex sag?	shrub
*catalpaefolia Jacq.		PROV: ch da pa	000m: 0-1	RANGE: bol cr ecu per sao	tree
Guazuma ulmifolia Lam.	cult.	PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: nwt	tree
Helicteres baruensis Jacq.		PROV: cc	000m: 0-1	RANGE: cag sag? trt	shrub tree
guazumaefolia H.B.K.		PROV: ca cn pa vr	000m: 0-1	RANGE: ang cag mex sag?	shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

192

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
178 (117) STERCULIACEAE cont.					
<i>Herrania</i> <i>purpurea</i> (Pitt.) R.E. Schult.		PROV: bo ca ch cn da sa	000m: 0-1	RANGE: cr	shrub tree
<i>Melochia</i> <i>corchorifolia</i> L.	intr.	PROV: pa	000m: 0-1	RANGE: nag? owg	herb
<i>lupulina</i> Sw.		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: ang cr mex per sat	subshrub herb subshrub shrub
<i>manducata</i> Wright & Sauvalle		PROV: pa	000m: 0-1	RANGE: col? cub	herb subshrub
<i>melissifolia</i> Benth.		PROV: ca cc cn pa	000m: 0-1	RANGE: afr cr sag?	herb
<i>nodiflora</i> Sw.		PROV: ca pa	000m: 0-1	RANGE: ang cag col mex per	shrub
<i>villosa</i> (Mill.) Fawc. & Rendl.		PROV: ca cc ch pa	000m: 0-1	RANGE: afr cag? sag?	herb subshrub
<i>Sterculia</i> <i>apetala</i> (Jacq.) Karst.		PROV: ca cc ch da pa sa	000m: 0-1	RANGE: ang cag mex per sag?	tree
<i>costaricana</i> Pitt.		PROV: bo	000m: 0-1	RANGE: cr	tree
* <i>glauca</i> A. Gentry		PROV: cn pa	000m: 0-1	RANGE: wr	tree
* <i>guapayensis</i> Cuatr.		PROV: cn	000m: 0-1	RANGE: wr	treelet
<i>Theobroma</i> <i>angustifolium</i> DC.		PROV: ch	000m: 0-1	RANGE: cag	tree
<i>bernoullii</i> Pitt.					
--subsp. <i>asclepiadiflorum</i> (Schery) Cuatr.		PROV: bo	000m: 0-1	RANGE: wr	tree
--subsp. <i>bernoullii</i>		PROV: cn sa	000m: 0-1	RANGE: wr	tree
<i>bicolor</i> H. & B.	cult.	PROV: bo ca da	000m: 0-1	RANGE: cag	tree
<i>cacao</i> L.	cult.	PROV: bo ca da he pa	000m: 0-1	RANGE: wdt	tree
* <i>chocoense</i> Cuatr.		PROV: pa	000m: 0-1	RANGE: col	tree
<i>hylaeum</i> Cuatr.		PROV: cn	000m: 0-1	RANGE: col	tree
<i>Waltheria</i> <i>glomerata</i> Presl		PROV: ca cc ch da he lo pa vr	000m: 0-1	RANGE: cr mex	shrub
<i>indica</i> L.		PROV: ca cc he pa vr	000m: 0-1	RANGE: wdw	herb shrub
180 (118) DILLENACEAE					
<i>Curatella</i> <i>americana</i> L.		PROV: ca cc ch pa vr	000m: 0-1	RANGE: bol cag? mex sag? sao	shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
180 (118) DILLENACEAE cont.					
<i>Davilla</i>					
<i>kunthii</i> St. Hil.		PROV: bo ca cc ch cn da he pa vr	000m: 0-1	RANGE: ang cag mex sag? sao	climber tree
* <i>nitida</i> (Vahl) Kub.		PROV: ca cc ch cn pa vr	000m: 0-1	RANGE: ang cag mex per sag? sao	climber tree
* <i>rugosa</i> Poir.		PROV: pa	000m: 0-1	RANGE: sao ven	climber
* <i>Dillenia</i>					
* <i>excelsa</i> (Jacq.) Gilg		intr. cult. PROV: ca	000m: 0-1	RANGE: asi	tree
* <i>suffruticosa</i> (Griff.) Martelli		intr. cult. PROV: ca	000m: 0-1	RANGE: asi	tree
<i>Dolioscarpus</i>					
<i>dentatus</i> (Aubl.) Standl.		PROV: ca cc da pa	000m: 0-1	RANGE: ang bel bol cag sag? sao	climber shrub
<i>major</i> Gmel.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: per sag? sao	climber
<i>multiflorus</i> Standl.		PROV: ca cn	000m: 0-1	RANGE: bel cag? cub gui sag?	climber
<i>olivaceus</i> Standl.		PROV: ca pa	000m: 0-1	RANGE: end	shrub climber
* <i>Pinzoana</i>					
* <i>coriacea</i> Mart. & Zucc.		PROV: cn	000m: 0-1	RANGE: bel cr per sao ven	climber
<i>Saurauia</i>					
<i>laevigata</i> Tr. & Pl.		PROV: ca cc pa	000m: 0-1	RANGE: cag col mex	tree
* <i>pseudoscabrida</i> Buscal.		PROV: ch	000m: 1-2	RANGE: vr	tree
<i>rubiformis</i> Vatke		PROV: ch	000m: 2-3	RANGE: cr gua	shrub tree
<i>seibertii</i> Standl.		PROV: bo ch	000m: 1-2,2-3	RANGE: end	tree
<i>veraguasensis</i> Seem.		PROV: ch	000m: 1-2,2-3	RANGE: cr hon	shrub tree
<i>Tetracera</i>					
<i>hydrophila</i> Tr. & Pl.		PROV: bo ca pa	000m: 0-1	RANGE: cag col ecu	climber
<i>portobellensis</i> Beurl.		PROV: bo ca cn da	000m: 0-1	RANGE: bol cag mex sag? sao	climber shrub
<i>volubilis</i> L.		PROV: ca cc da pa	000m: 0-1	RANGE: ang cag mex sag? sao	climber
<i>willdenowiana</i> Steud.		PROV: bo ca pa	000m: 0-1	RANGE: cag sat	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

194

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
182 (119) OCHNACEAE					
<i>Cespedezia macrophylla</i> Seem.		PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: cag sat	climber
<i>Ouratea cocleensis</i> Dwyer		PROV: cc pa	000m: 0-1, 1-2	RANGE: end	tree
<i>curvata</i> Dwyer		PROV: bo	000m: 0-1	RANGE: cr sao	shrub
<i>flexipedicellata</i> Dwyer		PROV: da	000m: 0-1	RANGE: end	shrub?
<i>insulae</i> Riley		PROV: pa	000m: 0-1	RANGE: bel gua hon mex	tree
<i>lucens</i> (H.B.K.) Engl.		PROV: bo ca cc ch da he lo pa sa	000m: 0-1	RANGE: cag mex	shrub tree
<i>mexicana</i> (H. & B.) Engl.		PROV: cc	000m: 0-1	RANGE: mex	shrub
<i>patelliformis</i> Dwyer		PROV: ca	000m: 0-1	RANGE: end	tree
<i>tuerckheimii</i> J.D. Sm.		PROV: cn pa sa	000m: 0-1	RANGE: gua	shrub tree
* <i>valerii</i> Char.		PROV: cn pa	000m: 0-1	RANGE: cr	tree
<i>Sauvagesia elata</i> Benth.		PROV: bo	000m: 0-1	RANGE: gui	herb
<i>erecta</i> L.		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: wdw	herb
* <i>paucielata</i> Sastre		PROV: bo vr	000m: 0-1	RANGE: end	herb
<i>pulchella</i> Seem.		PROV: cc pa vr	000m: 0-1	RANGE: cr sag?	herb
<i>tenella</i> Lam.		PROV: ca cc ch cn he pa	000m: 0-1	RANGE: cag cub sag	herb

183 (120) CARYOCARACEAE

<i>Caryocar amygdaliferum</i> Mutis		PROV: da	000m: 0-1	RANGE: col	tree
<i>costaricense</i> J.D. Sm.		PROV: sa	000m: 0-1	RANGE: cr	tree
<i>nuciferum</i> L.		PROV: da	000m: 1-2	RANGE: ang gui	tree

184 (121) MARCGRAVIACEAE

<i>Marcgravia affinis</i> Hemsl.		PROV: bo cc da vr	000m: 0-1, 1-2	RANGE: col cr	epiph shrub
<i>atropuncta</i> de Roon		PROV: cc ch	000m: 0-1	RANGE: end	epiph shrub
<i>brownei</i> (Tr. & Pl.) Krug & Urb.		PROV: cc ch pa vr	000m: 0-1, 1-2, 2-3	RANGE: bol col cr ecu hon jam per ven	epiph climber
<i>macrophylla</i> (Wittm.) Gilg		PROV: da	000m: 0-1	RANGE: col ecu per	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
184 (121) MARCGRAVIACEAE cont.					
membranacea Standl.		PROV: cc ch cn pa	000m: 0-1,1-2	RANGE: cr	climber
*myriostigma Tr. & Pl.		PROV: cc	000m: 0-1,1-2	RANGE: col	epiph shrub
nepenthoides Seem.		PROV: bo ca cn pa sa	000m: 0-1	RANGE: bel cag	climber
*nervosa Tr. & Pl.		PROV: cc	000m: 0-1,1-2	RANGE: col	shrub tree
*pittieri Gilg		PROV: pa	000m: 0-1	RANGE: cag	epiph climber
*rectiflora Tr. & Pl.					
*--var. rectiflora		PROV: ch	000m: 2-3,3+	RANGE: cag	climber
schippii Standl.		PROV: bo cn da pa	000m: 0-1	RANGE: bel cag?	climber
serrae de Roon		PROV: ch pa vr	000m: 0-1,1-2,2-3	RANGE: cr	epiph shrub climber
Norantea					
costaricensis Gilg		PROV: ch	000m: 1-2,2-3	RANGE: cr	epiph shrub climber
subsessilis (Benth.) J.D. Sm.		PROV: bo cc pa	000m: 0-1	RANGE: col cr	epiph shrub climber
Ruyschia					
phyladenia Sandv.		PROV: ch da	000m: 0-1,1-2	RANGE: cr	shrub climber
Souroubea					
*bicolor (Benth.) de Roon		PROV: pa	000m: 0-1	RANGE: col	climber
gilgii Al. Richter		PROV: bo	000m: 0-1	RANGE: bel cag?	epiph shrub climber
loczyi (Al. Richter) de Roon					
--subsp. minima de Roon		PROV: cc vr	000m: 0-1,1-2	RANGE: cr	epiph shrub
sympetala Gilg		PROV: bo ca cn pa	000m: 0-1	RANGE: bel col cr ecu gua hon nic per ven	climber shrub
vallicola de Roon		PROV: cc pa	000m: 0-1	RANGE: cr	shrub climber
venosa Schery		PROV: cc pa vr	000m: 0-1	RANGE: end	epiph shrub climber
*verrucosa Schery		PROV: vr	000m: 0-1	RANGE: vr	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
185 (121A) QUIINACEAE					
Lacunaria panamensis (Standl.) Standl.		PROV: bo pa	000m: 0-1	RANGE: end	tree
*Quiina colonensis (D'Arcy) D'Arcy		PROV: cn	000m: 0-1	RANGE: end	tree
*schippii Standl.		PROV: bo pa	000m: 0-1	RANGE: cr	tree
186 (122) THEACEAE					
Cleyera theseoides (Sw.) Choisy		PROV: ch	000m: 1-2,2-3	RANGE: cag jam mex	tree shrub
Freziera candicans Tul.		PROV: ch	000m: 1-2,2-3	RANGE: col cr ven	tree
*forerorum A. Gentry		PROV: da	000m: 1-2	RANGE: col	tree
*hieronymi Kobuski		PROV: da	000m: 1-2	RANGE: wr	tree
Laplacea fruticosa (Schrad.) Kobuski		PROV: ch da	000m: 0-1,1-2	RANGE: cr hon sag	tree
grandis Brandeg.		PROV: da pa	000m: 0-1,1-2	RANGE: cr hon mex	tree
Pelliciera rhizophorae Tr. & Pl.		PROV: ca da pa	000m: 0-1	RANGE: cag sat	tree
Symplococarpon chiriquense Kobuski		PROV: ch da	000m: 1-2	RANGE: end	tree
Ternstroemia tepezapote Schlecht. & Cham.		PROV: bo ca cc ch cn da he pa vr	000m: 0-1	RANGE: cag mex	tree shrub
187 (123) GUTTIFERAE					
Calophyllum inophyllum L.	cult.	PROV: ca he pa vr	000m: 0-1	RANGE: afr asi oce	tree
longifolium Willd.		PROV: ca cn da he pa sa vr	000m: 0-1	RANGE: col gui per sao	tree
nubicola D'Arcy & Keating		PROV: pa sa	000m: 0-1	RANGE: end	tree shrub
soulattri Burm. f.	cult.	PROV: ca	000m: 0-1	RANGE: asi oce	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
187 (123) GUTTIFERAE cont.					
*Chrysochlamys eclipes L.O. Wms. *weberbaueri Engl.		PROV: ca cn pa sa PROV: da	000m: 0-1 000m: 1-2	RANGE: end RANGE: col	shrub tree
Clusia coclensis Standl.		PROV: cc ch cn pa vr	000m: 0-1,1-2	RANGE: cr	epiph shrub tree
congestiflora Cuatr.		PROV: ch da pa sa	000m: 0-1,1-2	RANGE: col	epiph shrub tree
croatii D'Arcy		PROV: bo ca cc ch da pa	000m: 0-1,1-2	RANGE: end	epiph tree shrub
cupulata (Maguire) Maguire		PROV: ch cn pa	000m: 0-1,1-2	RANGE: end	epiph shrub tree
divaricata Maguire		PROV: cc pa sa vr	000m: 0-1	RANGE: cr	epiph shrub tree
dukei Maguire		PROV: ch pa vr	000m: 0-1,1-2	RANGE: end	epiph tree
fructiangusta Cuatr.		PROV: cc pa	000m: 0-1	RANGE: col ecu	epiph shrub tree
*gracilis Standl.		PROV: bo vr	000m: 0-1	RANGE: cr	epiph shrub
liesneri Maguire		PROV: cc cn pa vr	000m: 0-1	RANGE: cr	epiph shrub tree
lineata (Benth.) Pl. & Tr.		PROV: bo cc da vr	000m: 0-1,1-2	RANGE: col	epiph shrub tree
longipetiolata Schery		PROV: bo cn	000m: 0-1	RANGE: end	epiph shrub tree
minor L.		PROV: bo ca cc ch cn da he pa sa vr	000m: 0-1,1-2	RANGE: ang cag? cr sag?	epiph tree shrub
oedematopoidea Maguire		PROV: bo da pa sa	000m: 0-1	RANGE: cr	epiph climber tree
osseocarpa Maguire		PROV: ca da pa sa	000m: 0-1,1-2	RANGE: end	epiph shrub tree
palmana Standl.		PROV: bo cc ch da vr	000m: 0-1,1-2,2-3	RANGE: cr	epiph tree
*quadrangula Choisy		PROV: bo ca cc	000m: 0-1	RANGE: cag	epiph shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

198

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
187 (123) GUTTIFERAE cont.					
rosea Jacq.		PROV: ca cc ch cn ha pa vr	000m: 0-1,1-2,2-3	RANGE: ang jam	tree epiph tree shrub
rotundata Standl.		PROV: cc ch cn da pa sa vr	000m: 0-1,1-2,2-3	RANGE: cr	epiph tree shrub
salvinii J.D. Sm.		PROV: bo cc ch da pa vr	000m: 0-1,1-2	RANGE: gua	epiph tree shrub
stenophylla Standl.		PROV: cc cn	000m: 0-1,1-2	RANGE: cag	epiph shrub tree
*triflora Cuatr.		PROV: cc	000m: 0-1	RANGE: col cr nic	wh
uvitana Pitt.		PROV: cn	000m: 0-1	RANGE: cr	epiphyte
*valerii Standl.		PROV: cc cn cn sa	000m: 0-1	RANGE: cr	epiph tree
Clusiella elegans Pl. & Tr.		PROV: cc da pa sa vr	000m: 0-1	RANGE: col cr per sag	shrub
Dystovomita pittieri (Engl.) D'Arcy		PROV: da sa	000m: 0-1	RANGE: col cr	tree
Garcinia mangostana L.	cult.	PROV: ca	000m: 0-1	RANGE: asi	tree
pictorius (Roxb.) D'Arcy	cult.	PROV: ca pa	000m: 0-1	RANGE: asi	tree
Havetiopsis flexilis Pl. & Tr.		PROV: ca ch cn	000m: 0-1	RANGE: bel col per sag? sao ven	shrub tree
Mammea americana L.	cult.	PROV: ca pa	000m: 0-1	RANGE: ang cag	tree
immansueta D'Arcy		PROV: pa	000m: 0-1	RANGE: end	tree
Marila domingensis Urb.		PROV: pa sa	000m: 0-1	RANGE: his	tree
lactogena Cuatr.		PROV: cc pa sa	000m: 0-1,1-2	RANGE: col	tree
laxiflora Rusby		PROV: ca cc cn da pa	000m: 0-1	RANGE: bol cag? gua sag?	shrub tree
pluricostata Standl. & L.O. Wms.		PROV: cn pa	000m: 0-1	RANGE: cr	tree
*Quapoya *sipapoana Maguire		PROV: pa sa	000m: 0-1	RANGE: per	hemiepiphyte
Rheedia acuminata (R. & P.) Pl. & Tr.		PROV: ca cc ch cn da pa	000m: 0-1,1-2	RANGE: col cr gui per sag?	tree
edulis (Seem.) Pl. & Tr.		PROV: bo ca cc ch da he lo pa vr	000m: 0-1	RANGE: cag mex per	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
187 (123) GUTTIFERAE cont.					
<i>lateriflora</i> L.		PROV: cc	000m: 0-1	RANGE: ang his jam trt	shrub tree
<i>macrophylla</i> (Mart.) Pl. & Tr.		PROV: cn pa sa	000m: 0-1	RANGE: cr gui sao	tree
<i>Symphonia</i>					
<i>globulifera</i> L. f.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2,2-3	RANGE: afr bel cag? gui sag?	tree
<i>Tovomita</i>					
<i>longifolia</i> (Rich.) Hochr.		PROV: ca cn da pa sa	000m: 0-1	RANGE: gui sao	tree
<i>morii</i> Maguire		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>stylosa</i> Hemsl.		PROV: ca cc cn da pa sa vr	000m: 0-1,1-2	RANGE: col cr ecu sao ven	tree shrub
<i>weddelliana</i> Pl. & Tr.		PROV: cc cn da pa sa vr	000m: 0-1	RANGE: bol col cr ecu per ven	shrub tree
<i>Tovomitopsis</i>					
<i>allenii</i> Maguire		PROV: bo ch	000m: 1-2,2-3	RANGE: cr nic	tree
<i>angustifolia</i> Maguire		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>centistaminibus</i> D'Arcy		PROV: ch	000m: 1-2	RANGE: col ecu	tree
<i>croatii</i> (Maguire) D'Arcy		PROV: bo cc cn pa	000m: 0-1	RANGE: end	shrub
<i>faucis</i> D'Arcy		PROV: ch	000m: 1-2	RANGE: end	tree?
<i>glauca</i> Pl. & Tr.		PROV: bo ca cc ch cn da pa vr	000m: 0-1,1-2,2-3	RANGE: cr sao	shrub tree
<i>membranacea</i> (Pl. & Tr.) D'Arcy		PROV: vr	000m: 0-1	RANGE: col	tree
<i>membrillensis</i> D'Arcy		PROV: da	000m: 0-1	RANGE: end	tree
<i>micrantha</i> (Engl.) D'Arcy		PROV: da sa	000m: 0-1,1-2	RANGE: per	tree shrub
<i>myrcioides</i> (Pl. & Tr.) D'Arcy		PROV: cc cn pa vr	000m: 0-1,1-2	RANGE: col cr	tree
<i>nicaraguensis</i> Pl. & Tr.		PROV: bo ca cc cn da pa sa vr	000m: 0-1,1-2	RANGE: cr nic	shrub tree

187 (123a) HYPERICACEAE

<i>Hypericum</i>					
<i>gnidioides</i> Seem.		PROV: cc ch	000m: 0-1,1-2,2-3,3+	RANGE: cag cr hon mex nic	shrub
* <i>moranense</i> Kunth		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag mex	herb
<i>Vismia</i>					
* <i>baccifera</i> (L.) Tr. & Pl.		PROV: ca cc ch cn da pa vr	000m: 0-1	RANGE: cag col cr gui mex sao ven	shrub
<i>billbergiana</i> Beurl.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: col cr	shrub tree
<i>jefensis</i> N. Robson		PROV: pa	000m: 0-1,1-2	RANGE: end	shrub tree
<i>latisepala</i> N. Robson		PROV: ca cc cn pa sa vr	000m: 0-1	RANGE: col	shrub tree
<i>macrophylla</i> H.B.K.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: cag? col cr gui per sao ven	tree shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
	cont.				
panamensis Duchass. & Walp.		PROV: bo ca cc ch cn da he lo pa vr	000m: 0-1,1-2	RANGE: cr nic	shrub tree
194 (125) BIXACEAE					
Bixa					
orelliana L.	intr. cult.				
		PROV: bo ca ch cn da he lo pa sa vr	000m: 0-1	RANGE: nwt	shrub tree
*urucurana Willd.		PROV: ca cn da pa	000m: 0-1	RANGE: bol per sao ven	tree
195 (126) COCHLOSPERMACEAE					
Cochlospermum					
*orinocense (H.B.K.) Steud.		PROV: ca cn da sa	000m: 0-1	RANGE: bol col gui per sao ven	tree
vitifolium (Willd.) Spr.	cult.	PROV: ca cc cn da he lo pa	000m: 0-1	RANGE: ang cag mex per sag	tree
198 (127) VIOLACEAE					
Amphirrhox					
longifolia (St. Hil.) Spr.		PROV: bo	000m: 0-1	RANGE: col gui per sao ven	shrub tree
Corynostylis					
arborea (L.) Blake		PROV: ca da	000m: 0-1	RANGE: cag? sag?	climber
Gloeospermum					
*blakeanum (Standl.) Hekking		PROV: cc cn da pa	000m: 0-1,1-2	RANGE: end	shrub
*eneidense Hekking		PROV: pa	000m: 0-1	RANGE: cag	treelet
ferrugineostictum A. Robyns		PROV: bo	000m: 0-1	RANGE: end	tree
portobelense A. Robyns		PROV: cn	000m: 0-1	RANGE: end	tree
*sphaerocarpum Tr. & Pl.		PROV: cn da	000m: 0-1	RANGE: per	tree
Hybanthus					
attenuatus (Schult.) Schulze		PROV: ca pa	000m: 0-1	RANGE: cag mex nao per sag?	herb
*galeottii (Turcz.) Morton		PROV: ch	000m: 1-2,2-3	RANGE: mex	herb
prunifolius (Schult.) Schulze		PROV: bo ca cc cn da pa sa	000m: 0-1,1-2	RANGE: col cr ven	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
198 (127) VIOLACEAE cont.					
thiemei (J.D. Sm.) Morton		PROV: cc	000m: 0-1	RANGE: cag mex	herb
*Leonia					
*glycyarpa R. & P.		PROV: da	000m: 0-1	RANGE: sat	tree
Rinorea					
*blakeana Standl.		PROV: cn	000m: 0-1	RANGE: end	shrub
brachythrix Blake		PROV: da	000m: 0-1	RANGE: end	shrub
*crenata Blake		PROV: cn da	000m: 0-1	RANGE: cr	tree
*dasyadena A. Robyns		PROV: cc cn pa sa vr	000m: 0-1	RANGE: end	tree
*hirsuta Hekking		PROV: da	000m: 0-1	RANGE: col	shrub
*hummelii Sprague		PROV: sa	000m: 0-1	RANGE: cag	tree
*paniculata (Mart.) Kuntze		PROV: cn	000m: 0-1	RANGE: sao	tree
*passoura (DC.) Kuntze		PROV: cn pa	000m: 0-1	RANGE: per ven	shrub
roureoides Woods.		PROV: cn	000m: 0-1	RANGE: end	tree
squamata Blake		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: cr	shrub tree
sylvatica (Seem.) Kuntze		PROV: bo ca da pa	000m: 0-1	RANGE: col cr	shrub tree
Viola					
guatemalensis Becker		PROV: ch	000m: 2-3,3+	RANGE: cag mex	herb
*nannel Polak.		PROV: ch	000m: 2-3	RANGE: cr mex	herb
odorata L.	intr.	PROV: ch	000m: 1-2	RANGE: afr asi eur	herb
scandens Schult.		PROV: ch	000m: 0-1	RANGE: bol cag col ecu mex ven	herb
stipularis Sw.		PROV: cc ch da	000m: 0-1,1-2	RANGE: col cr ecu lag per ven	herb
199 (128) FLACOURTIACEAE					
Banara					
guianensis Aubl.		PROV: bo ca cc ch cn lo pa vr	000m: 0-1	RANGE: bol col cr nic per sat	shrub tree
Carpotroche					
*longifolia Benth.		PROV: cn pa	000m: 0-1	RANGE: sao sat	tree
platyptera Pitt.		PROV: bo cc cn da pa sa vr	000m: 0-1	RANGE: cag ecu gua	shrub
Casearia					
*aculeata Jacq.		PROV: ca ch da he lo pa vr	000m: 0-1	RANGE: bol cag mex per sao sat	tree shrub
arborea (Rich.) Urb.		PROV: ca cc ch cn pa	000m: 0-1	RANGE: ang bei cag gag gui per sao sat	shrub
arguta H.B.K.		PROV: bo ca cc ch da he pa vr	000m: 0-1	RANGE: cag col mex per ven	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
199 (128) FLACOURTIACEAE cont.					
*atlantica Sleumer		PROV: vr	000m: 0-1	RANGE: end	tree
*cajambrensis Cuatr.		PROV: vr	000m: 0-1	RANGE: col	tree
commersoniana Camb.		PROV: bo ca ch cn da lo pa sa	000m: 0-1	RANGE: cag mex sao sat	shrub tree
*coronata Standl. & L.O. Wms.		PROV: bo cn da pa	000m: 0-1,1-2	RANGE: cr	tree
corymbosa H.B.K.		PROV: ca cn da lo pa vr	000m: 0-1	RANGE: cag col mex ven	shrub treelet
*decandra Jacq.		PROV: wp	000m: we	RANGE: ang hon sao sat	shrub
grandiflora Camb.		PROV: da	000m: 0-1	RANGE: col gui sao ven	tree
guianensis (Aubl.) Urb.		PROV: bo ca cn da he pa vr	000m: 0-1	RANGE: ang ang cr sao sat ven	tree? shrub
nitida (L.) Jacq.		PROV: bo ca ch cn da pa sa vr	000m: 0-1	RANGE: nwt	tree shrub
*spinescens (Sw.) Griseb.		PROV: pa	000m: 0-1	RANGE: gag trt ven	tree
sylvestris Sw.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: nwt per	shrub shrub
*tacanensis Lund.		PROV: ch	000m: 1-2	RANGE: cag sat	tree
*Flacourtia					
*jangomas (Lour.) Raeusch. intr. cult.		PROV: ca	000m: 0-1	RANGE: owt	tree
Hasseltia					
floribunda H.B.K.		PROV: bo ca ch cn da pa vr	000m: 0-1,1-2	RANGE: bol cr hon nic sat	shrub tree
Homalium					
racemosum Jacq.		PROV: ca da	000m: 0-1	RANGE: ang cag mex sao sat	tree
Laetia					
micrantha A. Robyns		PROV: da	000m: 0-1	RANGE: end	tree
procera (Poepp.) Eichl.		PROV: ca	000m: 0-1	RANGE: ang bel cr gua gui nic sao sat	tree
thamnia L.		PROV: ca cn lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag col mex	tree
Lindackeria					
laurina Presl		PROV: ca ch cn da pa	000m: 0-1	RANGE: bel col cr gua mex ven	tree
Lunania					
*mexicana Brandeg.		PROV: ch pa vr	000m: 0-1	RANGE: cag mex	tree
parviflora Benth.		PROV: cn da sa	000m: 0-1	RANGE: bol col cr ecu per sao sat	tree
piperoides Standl.		PROV: bo cc vr	000m: 0-1	RANGE: hon	shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
199 (128) FLACOURTIACEAE cont.					
<b>*Macrohasseltia</b>					
<b>*macroterantha</b> (Standl. & L.O. Wms.) L.O. Wms.		PROV: pa vr	000m: 0-1	RANGE: cr hon nic	tree
<b>Mayna</b>					
<b>*grandifolia</b> (Karst.) Warb.		PROV: da pa	000m: 0-1,1-2	RANGE: col per ven	shrub tree
<b>*odorata</b> Aubl.		PROV: ca cc ch da pa sa	000m: 0-1,1-2	RANGE: cr hon sat	shrub tree
<b>Neosprucea</b>					
<b>*grandiflora</b> (Benth.) Sleumer		PROV: cc	000m: 0-1	RANGE: col ecu per	tree shrub
<b>*Pleuranthodendron</b>					
<b>*lindenii</b> (Turcz.) Sleumer		PROV: cn da vr	000m: 0-1	RANGE: cag ecu per sat	tree
<b>Prockia</b>					
<b>crucis</b> L.		PROV: ca pa vr	000m: 0-1	RANGE: ang cag mex sag	shrub tree
<b>Ryania</b>					
<b>speciosa</b> Vahl					
--var. <b>panamensis</b> Monachino		PROV: bo ca cc cn pa sa	000m: 0-1	RANGE: end	shrub tree
<b>Tetrathylacium</b>					
<b>johansenii</b> Standl.		PROV: ca da pa sa	000m: 0-1	RANGE: col cr	tree
<b>macrophyllum</b> Poepp.		PROV: cc ch	000m: 0-1	RANGE: col cr per sat	tree
<b>Xylosma</b>					
<b>anisophylla</b> Standl.		PROV: he pa	000m: 0-1	RANGE: bel cr mex	shrub tree
<b>*chloranthum</b> J.D. Sm.		PROV: ca ch cn	000m: 0-1,1-2	RANGE: cag cr mex	tree
<b>flexuosa</b> (H.B.K.) Hemsl.		PROV: ch pa	000m: 0-1,1-2,2-3	RANGE: cag mex nas sat	shrub tree
<b>hispidula</b> Standl.		PROV: bo	000m: 0-1	RANGE: cr	shrub tree
<b>intermedium</b> (Seem.) Tr. & Pl.		PROV: ch	000m: 1-2	RANGE: cag col mex sat ven	shrub
<b>*oligandrum</b> J.D. Sm.		PROV: ca cc da sa	000m: 0-1	RANGE: cag mex	tree
<b>panamensis</b> Turcz.		PROV: bo ca cn sa vr	000m: 0-1	RANGE: cag mex	shrub tree
<b>*rubicundum</b> (Karst.) Gilg		PROV: da vr	000m: 0-1,1-2	RANGE: col ven	tree
<b>*velutinum</b> (Tul.) Tr. & Pl.		PROV: wp	000m: we	RANGE: cag mex sat	shrub tree
<b>Zuelania</b>					
<b>guidonia</b> (Sw.) Britt. & Millsp.		PROV: ca cc da pa	000m: 0-1	RANGE: ang cag cr mex trt	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

204

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
201 (129) TURNERACEAE					
<i>Erblichia odorata</i> Seem.		PROV: cc ch vr	000m: 0-1	RANGE: cag mex	tree
<i>Piriqueta cistoides</i> Steud.		PROV: cc pa	000m: 0-1	RANGE: ang cag mex sag	herb
<i>Turnera angustifolia</i> Mill.		PROV: bo ca sa	000m: 0-1	RANGE: afr ang asi cag? nic	shrub herb?
* <i>diffusa</i> Schult.		PROV: cc	000m: 0-1	RANGE: cag ecu sao	shrub
<i>panamensis</i> Urb.		PROV: ca da pa	000m: 0-1	RANGE: end	shrub
<i>ulmifolia</i> L.		PROV: cc ch lo pa vr	000m: 0-1	RANGE: nwt	herb shrub
203 (130) PASSIFLORACEAE					
* <i>Dilkea acuminata</i> Mast.		PROV: cn	000m: 0-1	RANGE: col sao	climber
* <i>johannesii</i> Barb. Rodr.		PROV: cn	000m: 0-1	RANGE: sao	climber
<i>Passiflora adenopoda</i> DC.		PROV: ch	000m: 1-2	RANGE: cag cr mex per ven	climber
<i>ambigua</i> Hemsl.		PROV: bo ca cc cn pa	000m: 0-1	RANGE: cag mex	climber
<i>apetala</i> Killip		PROV: ch	000m: 1-2	RANGE: cr	climber
* <i>arborea</i> Spr.		PROV: bo ch da	000m: 1-2	RANGE: cag col	climber tree
<i>auriculata</i> H.B.K.		PROV: bo ca cc cn da pa sa	000m: 0-1, 1-2	RANGE: bol cag? nic per sag? sao	climber
<i>biflora</i> Lam.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1, 1-2	RANGE: bah cag col mex ven	climber
* <i>capsularis</i> L.		PROV: cc	000m: 0-1, 1-2	RANGE: cag	climber
<i>coriacea</i> Juss.		PROV: ca cc pa	000m: 0-1, 1-2	RANGE: bol cag? gui mex sag?	climber
* <i>costaricensis</i> Killip		PROV: bo cn pa	000m: 0-1	RANGE: cag cr	climber
* <i>edulis</i> Sims		PROV: cc ch pa	000m: 0-1, 2-3	RANGE: cag sat	climber
* <i>eueidipabulum</i> Knapp & Mallet		PROV: cn	000m: 0-1	RANGE: end	climber
<i>foetida</i> L.					
*--var. <i>isthmia</i> Killip		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1	RANGE: cag cr ecu sat	climber
*--var. <i>maxonii</i> Killip		PROV: cc	000m: 0-1	RANGE: cag	climber
<i>hahnii</i> (Fourn.) Mast.		PROV: cc da pa	000m: 0-1	RANGE: cag col mex	climber
<i>holosericea</i> L.		PROV: ch	000m: 0-1	RANGE: cag col cub mex ven	climber
<i>lancearia</i> Mast.		PROV: bo cc ch vr	000m: 0-1, 1-2	RANGE: cr	climber
<i>ligularis</i> Juss.		PROV: ch	000m: 1-2, 2-3	RANGE: bol cag mex ven	climber
* <i>macdougaliana</i> Knapp & Mallet		PROV: cn	000m: 0-1	RANGE: end	climber
<i>membranacea</i> Benth.		PROV: ch da	000m: 2-3, 3+	RANGE: cag mex	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

205

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
203 (130) PASSIFLORACEAE cont.					
menispermifolia H.B.K.		PROV: bo ca ch cn pa vr	000m: 0-1,1-2	RANGE: cag? nic per sag? sao	climber
misera H.B.K.		PROV: ca pa	000m: 0-1	RANGE: per	climber
nitida H.B.K.		PROV: ca cn da pa	000m: 0-1	RANGE: gui per sag? sao	climber
oerstedii Mast.		PROV: bo cc ch cn da he pa	000m: 0-1,1-2	RANGE: cag col mex ven	climber
*--var. choconiana (Wats.) Killip		PROV: ca	000m: 0-1	RANGE: cag	climber
panamensis Killip		PROV: da	000m: 0-1	RANGE: col	climber
pediculata Mast.		PROV: bo	000m: 0-1,1-2	RANGE: cr	climber
*pittieri Mast.		PROV: ch vr	000m: 0-1	RANGE: col	climber
*platyloba Killip		PROV: lo pa	000m: 0-1	RANGE: cag	climber
*porphyretica Mast.		PROV: pa	000m: 0-1	RANGE: mex	climber
pulchella H.B.K.		PROV: ca da lo pa	000m: 0-1	RANGE: cag col mex nao ven	climber
punctata L.		PROV: ca pa	000m: 0-1	RANGE: per sag sao	climber
quadrangularis L.	cult.	PROV: bo ca cc ch cn pa vr	000m: 0-1	RANGE: nwt	climber
seemannii Griseb.		PROV: bo ca ch cn da pa sa	000m: 0-1,1-2,2-3	RANGE: cag col mex	climber
*serrato-digitata L.		PROV: da	000m: 0-1	RANGE: bol col ecu per sao	climber
sexflora Juss.		PROV: bo ch vr	000m: 0-1,1-2	RANGE: cag col fla gag mex	climber
suberosa L.		PROV: pa sa	000m: 0-1	RANGE: ang bah cag fla mex owg sag? sao sao tex	climber
subpeltata Ort.		PROV: ca cc cn pa	000m: 0-1,1-2,2-3	RANGE: cag col mex ven	climber
*tiliaefolia L.		PROV: cc vr	000m: 0-1	RANGE: ecu	climber
tryphostemmatoides Harms		PROV: bo ch cn pa	000m: 0-1	RANGE: col	climber
vitifolia H.B.K.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: cag? cub jam nic per ven	climber
williamsii Killip		PROV: ca cc da lo pa	000m: 0-1	RANGE: end	climber
*Tetrastylis					
*lobata Killip		PROV: bo	000m: 0-1	RANGE: cr	climber

205 (131) CARICACEAE

Carica					
*cauliflora Jacq.		PROV: ca da vr	000m: 0-1	RANGE: cag cr mex sag sat trt	tree shrub
*goudotiana (Tr. & Pl.) Solms		PROV: ca	000m: 0-1	RANGE: col	shrub
*microcarpa Jacq.					
*--subsp. heterophylla (P. & E.) Bad.					
papaya L.	cult.	PROV: cc bo ca cn da pa vr	000m: 0-1 000m: 0-1	RANGE: col ecu per sao RANGE: nwt	tree tree
*pubescens Lenne & Koch		PROV: ch	000m: 1-2	RANGE: bol col ecu per ven	tree
Jacaratia					
costaricensis I.M. Johnst.		PROV: cn	000m: 0-1	RANGE: cr	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

206

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
205 (131) CARICACEAE cont.					
<i>dolichaula</i> J.D. Sm.		PROV: bo da vr	000m: 0-1	RANGE: bel cr gua mex	tree
* <i>spinosa</i> (Aubl.) A. DC.		PROV: ca cn da pa	000m: 0-1	RANGE: cr gui nic per sag tree sao	
206 (132) LOASACEAE					
<i>Gronovia scandens</i> L.		PROV: lo pa	000m: 0-1	RANGE: cag ecu mex ven	herb
<i>Klaprothia mentzelioides</i> H.B.K.		PROV: bo ch	000m: 1-2	RANGE: sat	herb
<i>Loasa grandis</i> Standl.		PROV: ca cc da	000m: 0-1	RANGE: cr	herb
<i>rudis</i> Benth.		PROV: ch	000m: 1-2	RANGE: cag mex	herb
<i>speciosa</i> J.D. Sm.		PROV: ch	000m: 2-3	RANGE: cr	herb
<i>Mentzelia aspera</i> L.		PROV: ca cc pa	000m: 0-1	RANGE: cag? nao sag? sao	herb
* <i>Sclerothrix fasciculata</i> C. Presl		PROV: cc pa vr	000m: 0-1	RANGE: mex	herb
208 (133) BEGONIACEAE					
<i>Begonia brevicyma</i> C. DC.		PROV: ch	000m: 1-2	RANGE: end	herb
* <i>buseyi</i> Burt-Utley		PROV: pa	000m: 0-1	RANGE: end	herb
<i>carletonii</i> Standl.		PROV: bo ch	000m: 0-1	RANGE: cr	herb
<i>conchifolia</i> A. Dietr.		PROV: cc pa	000m: 0-1, 1-2	RANGE: cr	herb
<i>convallariodora</i> C. DC.		PROV: cc ch	000m: 0-1, 1-2	RANGE: cag mex	herb
* <i>corredorana</i> C. DC.		PROV: ch da	000m: 0-1	RANGE: cr	herb
* <i>croatii</i> Burt-Utley		PROV: vr	000m: 0-1, 1-2	RANGE: end	herb
<i>davidsoniae</i> Sm. & Schubert		PROV: ch	000m: 1-2	RANGE: end	herb
* <i>dressleri</i> Burt-Utley		PROV: cn	000m: 0-1	RANGE: end	herb
<i>estrellensis</i> C. DC.		PROV: cc	000m: 0-1	RANGE: cr	climber
* <i>fischeri</i> Schrank		PROV: ca cc pa	000m: 0-1	RANGE: per ven	herb
<i>garagarana</i> C. DC.		PROV: da vr	000m: 0-1	RANGE: end	herb
<i>glabra</i> Aubl.		PROV: bo cc ch pa sa vr	000m: 0-1, 1-2	RANGE: ang bol cag gui mex per sag?	herb
<i>graduensis</i> H.B.K.		PROV: ca ch da lo vr	000m: 0-1	RANGE: col ven	herb
* <i>heracleifolia</i> Schlecht. & Cham.		PROV: ca	000m: 0-1	RANGE: cag mex	herb
<i>heydei</i> C. DC.		PROV: cc	000m: 0-1	RANGE: cr gua	herb
* <i>hirsuta</i> Aubl.		PROV: ca ch cn da pa	000m: 0-1	RANGE: col cr gui nic ven	herb
<i>involucrata</i> Liebm.		PROV: ch	000m: 1-2	RANGE: cr	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
208 (133) BEGONIACEAE cont.					
* <i>morii</i> Burt-Utley		PROV: pa	000m: 0-1	RANGE: end	herb
<i>mucronistipula</i> C. DC.		PROV: ch	000m: 1-2	RANGE: end	herb
<i>multinervia</i> Liebm.		PROV: cc ch vr	000m: 0-1	RANGE: cr nic	herb
<i>nelumbifolia</i> Schlecht. & Cham.		PROV: ca da pa	000m: 0-1	RANGE: cag col mex	herb
<i>oaxacana</i> A. DC.		PROV: ch	000m: 1-2,2-3	RANGE: cr gua mex nic	herb
<i>opuliflora</i> Putz. cult.		PROV: cc	000m: 0-1	RANGE: end	herb
<i>plebeja</i> Liebm.		PROV: ca cc da pa vr	000m: 0-1	RANGE: cag mex	herb
<i>quaternata</i> Sm. & Schubert		PROV: ch	000m: 1-2	RANGE: cr	herb
<i>seemanniana</i> A. DC.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
<i>semiovata</i> Liebm.		PROV: bo ca	000m: 0-1	RANGE: col cr gui nic per	herb
* <i>sericoneura</i> Liebm.		PROV: ch vr	000m: 0-1	RANGE: cag col mex	herb
<i>strigillosa</i> A. Dietr.		PROV: ch	000m: 2-3	RANGE: cr gua mex sal	herb
<i>tonduzii</i> C. DC.		PROV: cc da	000m: 0-1,1-2	RANGE: cr	herb
<i>udisilvestris</i> C. DC.		PROV: bo ch	000m: 1-2,2-3,3+	RANGE: cr	herb
* <i>urophyllia</i> Hook.		PROV: ca cc ch da sa	000m: 0-1	RANGE: col cr gua ven	herb
<i>urticae</i> L. f.		PROV: bo ch	000m: 1-2,2-3	RANGE: col cr per sag?	herb
<i>vestita</i> C. DC.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	herb

210 (134) CACTACEAE

<i>Acanthocereus</i>					
<i>pentagonus</i> (L.) Britt. & Rose		PROV: bo ca pa	000m: 0-1	RANGE: ang cag col cr fla hon mex nic sat tex ven	shrub
<i>Cereus</i>					
<i>costaricensis</i> (Weber) A. Berger		PROV: ca	000m: 0-1	RANGE: cr	epiph climber
<i>Epiphyllum</i>					
* <i>crenatum</i> (Lindl.) G. Don		PROV: pa	000m: we	RANGE: gua hon mex	epiph herb
* <i>grandilobum</i> (Weber) Britt. & Rose		PROV: ch pa vr	000m: 0-1	RANGE: cr	epiph climber
<i>lepidocarpum</i> (Weber) Britt. & Rose		PROV: ch	000m: 1-2	RANGE: cr	epiph shrub
<i>macropterum</i> (Lem.) Britt. & Rose		PROV: bo ch	000m: 0-1	RANGE: cc cr	epiph shrub
<i>phyllanthus</i> (L.) Haw.					
*--var. <i>columbiense</i> (Weber) Kimn.		PROV: bo ca ch	000m: 0-1	RANGE: col cr ecu	epiphyte
*--var. <i>hookerii</i> (Haw.) Kimn.		PROV: ch	000m: we	RANGE: cr	epiph herb
--var. <i>phyllanthus</i>		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: bel bol cr mex nic sag? sao sao	epiph shrub
--var. <i>pittieri</i> (Weber) Kimn.		PROV: bo ca ch	000m: 0-1	RANGE: cr	epiph shrub
*--var. <i>rubrocoronatum</i> Kimn.		PROV: ca	000m: 0-1	RANGE: col ecu	epiphyte



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

208

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
210 (134) CACTACEAE cont.					
thomasianum (Schum.) Britt. & Rose *--var. costaricensis (Weber) Kimn.		PROV: bo	000m: 0-1	RANGE: cr	epiph herb
Hylocereus					
monacanthus (Lem.) Britt. & Rose		PROV: ca ch da pa vr	000m: 0-1	RANGE: col	epiphyte
polyrhizus (Weber) Britt. & Rose		PROV: ch pa vr	000m: 0-1	RANGE: col nic	epiph climber
*stenopterus (Weber) Britt. & Rose		PROV: ch	000m: 0-1	RANGE: end	epiph climber
Nopalea					
cochenillifera (L.) Salm-Dyck intr. cult.		PROV: ca	000m: 0-1	RANGE: nwt	shrub
dejecta (Salm-Dyck) Salm-Dyck cult.		PROV: ca	000m: 0-1	RANGE: nwt	shrub
Opuntia					
elatior Mill.		PROV: pa	000m: 0-1	RANGE: col cr	shrub
Pereskia					
aculeata Mill.		PROV: pa	000m: 0-1	RANGE: ang col fla?	shrub climber
bleo (H.B.K.) DC.		PROV: da pa sa	000m: 0-1	RANGE: nic sag?	shrub tree
*colombiana Britt. & Rose		PROV: wp	000m: we	RANGE: col	shrub
*Pseudorhipsalis					
himantoclada (Roland-Gosselin) Britt. & Rose		PROV: ca cc	000m: 0-1	RANGE: wr	epiph root climber
Rhipsalis					
*baccifera (J. Miller) Stearn		PROV: bo ca cc ch da	000m: 0-1	RANGE: afr cag mex sag?	epiph succ
*Selenicereus					
*pteranthus (Link & Otto) Britt. & Rose		PROV: ch	000m: we	RANGE: mex	epiphyte
Weberocereus					
panamensis Britt. & Rose		PROV: ca ch cn	000m: 0-1	RANGE: cr nic	epiph root climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
210 (134) CACTACEAE cont.					
* <i>Werckleocereus</i> * <i>tonduzii</i> Weber		PROV: da	000m: we	RANGE: cr	epiph climber
<i>Wittia</i> * <i>amazonica</i> Schum. <i>panamensis</i> Britt. & Rose		PROV: cn da PROV: ca cc cn cn da pa sa	000m: 0-1 000m: 0-1	RANGE: per RANGE: col cr ven	epiphyte climb shrub
214 (135) THYMELAEACEAE					
<i>Daphnopsis</i> * <i>americana</i> (Mill.) J.R. Johnst. *--subsp. <i>caribaea</i> (Griseb.) Nevl.		PROV: cc he	000m: 0-1	RANGE: ang col cr nic trt ven	tree
<i>Schoenobibius</i> <i>panamensis</i> Standl. & L.O. Wms.		PROV: bo da	000m: 0-1,1-2	RANGE: end	tree
216 (136) LYTHRACEAE					
<i>Adenaria</i> <i>floribunda</i> H.B.K.		PROV: ca cn da pa	000m: 0-1	RANGE: cag mex sag sao	shrub tree
* <i>Aizatea</i> * <i>verticillata</i> R. & P. *--subsp. <i>amplifolia</i> S.A. Graham		PROV: ch vr PROV: ch vr	000m: 1-2 000m: 1-2	RANGE: bol per RANGE: col cr	tree epiph shrub
<i>Ammannia</i> * <i>auriculata</i> Willd. <i>coccinea</i> Rottb. <i>latifolia</i> L.		PROV: lo PROV: pa intr.	000m: 0-1 000m: 0-1	RANGE: wdt RANGE: ang asi cag nag nao oce sag tex RANGE: ang cag nag? sag	herb herb herb
<i>Cuphea</i> <i>calophylla</i> Cham. & Schlecht. <i>carthagenensis</i> (Jacq.) Macbr. * <i>elliptica</i> Koehne *--var. <i>oligostemon</i> Koehne <i>epilobifolia</i> Koehne		PROV: bo ca cc ch cn da pa vr PROV: bo ca cc ch cn he lo pa PROV: ca PROV: pa PROV: bo ca cc ch cn pa vr	000m: 0-1 000m: 0-1,1-2 000m: 0-1 000m: 0-1 000m: 0-1,1-2	RANGE: cag sao RANGE: ang cag nag nao sag RANGE: col mex RANGE: cr mex nic RANGE: cr ven	herb herb herb herb shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

210

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
216 (136) LYTHRACEAE cont.					
*hyssopifolia H.B.K.		PROV: bo cc ch da pa vr	000m: 0-1,1-2	RANGE: cag	shrub
infundibulum Koehne		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cr	herb
*serpyllifolia H.B.K.		PROV: ch pa	000m: 0-1	RANGE: sat	shrub
setosa Koehne		PROV: bo ca cc cn da	000m: 0-1	RANGE: bol cag col per	herb
utriculosa Koehne		PROV: ca cc ch cn da he pa vr	000m: 0-1	RANGE: cag mex	herb
Lafoensia					
punicifolia DC.		PROV: ca da he pa	000m: 0-1	RANGE: bol col gua mex ven	tree
*Lagerstroemia					
*indica L.		intr. cult. PROV: pa	000m: 0-1	RANGE: ang asi cag sat	tree
*speciosa (L.) Pers.		intr. cult. PROV: ca ch pa	000m: 0-1	RANGE: afr ang asi cag sat	tree
*tomentosa Presl		intr. cult. PROV: ca	000m: 0-1	RANGE: asi cub	tree
*turbinata Koehne		intr. cult. PROV: ca	000m: 0-1	RANGE: asi	tree
*Lawsonia					
*inermis L.		PROV: cc pa sa	000m: 0-1	RANGE: ang cag sat	shrub
Rotala					
mexicana Cham. & Schlecht.		PROV: ca ch pa	000m: 0-1	RANGE: afr asi cag oce sag	herb
ramosior (L.) Koehne		PROV: bo ca pa	000m: 0-1	RANGE: ang asi cag ecu nag sao	herb
219 (137) LECYTHIDACEAE					
Couratari					
panamensis Standl.		PROV: bo ca pa	000m: 0-1	RANGE: cr	tree
*scottmorii Prance		PROV: sa	000m: we	RANGE: end	tree
Couroupita					
cutteri Mort. & Skutch		PROV: bo	000m: 0-1	RANGE: end	tree
darienensis Pitt.		PROV: da	000m: 0-1	RANGE: end	tree
idolica Dwyer		PROV: vr	000m: 0-1	RANGE: end	tree
magnifica Dwyer		PROV: da	000m: 0-1	RANGE: end	tree
nicaraguensis DC.		PROV: wp	000m: 0-1	RANGE: cr nic	tree
odoratissima Seem.		PROV: wp	000m: 0-1	RANGE: end	tree
parviflora Standl.		PROV: bo	000m: 0-1	RANGE: end	tree
Eschweilera					
*antioquensis Dugand & Daniel		PROV: pa	000m: 0-1	RANGE: col	tree
calyculata Pitt.		PROV: bo ca	000m: 0-1	RANGE: cr	tree
garagarae Pitt.		PROV: da	000m: 0-1	RANGE: end	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
219 (137) LECYTHIDACEAE cont.					
*hondurensis Standl.		PROV: pa	000m: 0-1	RANGE: hon	tree
panamensis Pitt.		PROV: da pa sa	000m: 0-1	RANGE: end	tree
pittieri R. Knuth		PROV: ch da	000m: 0-1	RANGE: end	tree
*reversa Pitt.		PROV: cn sa	000m: 0-1	RANGE: end	tree
*sessilis A.C. Sm.		PROV: pa	000m: 0-1	RANGE: col	tree
woodsoniana Dwyer		PROV: da	000m: 0-1	RANGE: end	tree
Grias					
*cauliflora L.		PROV: bo ca ch cn da sa	000m: 0-1	RANGE: bel col cr gua hon jam nic	tree
Gustavia					
brachycarpa Pitt.		PROV: ch	000m: 0-1	RANGE: cr	tree
*dubia (Kunth) Berg		PROV: cn pa	000m: 0-1	RANGE: col	tree
*fosteri Mori		PROV: ca	000m: 0-1	RANGE: end	tree
*grandibracteata Croat & Mori		PROV: ca da pa	000m: 0-1	RANGE: col	tree
*monocaulis Mori		PROV: pa	000m: 0-1	RANGE: end	tree
nana Pitt.		PROV: cn da	000m: 0-1	RANGE: col	shrub tree
*--subsp. rhodantha (Standl.) Mori		PROV: da sa	000m: 0-1, 1-2	RANGE: col	tree
superba (H.B.K.) Berg		PROV: ca cc cn da pa vr	000m: 0-1	RANGE: col cr ecu	tree
*verticillata Miers		PROV: da	000m: 0-1	RANGE: col	tree
Lecythis					
ampia Miers		PROV: da sa	000m: 0-1	RANGE: col	tree
elata Dwyer		PROV: da	000m: 0-1	RANGE: end	tree
*mesophylla Mori		PROV: da	000m: 1-2	RANGE: end	tree
tuyrana Pitt.	cult.	PROV: ca da	000m: 0-1	RANGE: end	tree

220 (138) RHIZOPHORACEAE

Cassipourea					
elliptica (Sw.) Poir.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: ang cag	shrub tree
Rhizophora					
brevistyla Salv.		PROV: ca pa	000m: 0-1	RANGE: ecu sag?	tree
*harrisonii Leechm.		PROV: ca	000m: 0-1	RANGE: col ecu gui ven	tree
mangle L.		PROV: bo ca ch cn da lo pa sa vr	000m: 0-1	RANGE: afr ang cag? fla sag?	tree
samoensis (Hochr.) Salvoza		PROV: ca	000m: 0-1	RANGE: cag ecu mex nao sag?	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
221 (139) COMBRETACEAE					
<i>Buchenavia capitata</i> (Vahl) Eichl.		PROV: pa vr	000m: 0-1	RANGE: ang bol sag? sao	tree
<i>Bucida buceras</i> L.		PROV: bo ca cn sa	000m: 0-1	RANGE: ang cag? fla gui sag?	tree
<i>Combretum cacoucia</i> Sandw.		PROV: bo ca cn sa	000m: 0-1	RANGE: bel cag? sag? sao	shrub
<i>decandrum</i> Jacq.		PROV: ca ch cn da lo	000m: 0-1	RANGE: cag col mex	climber
<i>fruticosum</i> (Loefl.) Stuntz		PROV: ca cc da he lo pa vr	000m: 0-1	RANGE: cag mex sag sao	shrub climber
<i>laxum</i> Jacq.					
*--var. <i>epiphyticum</i> (Pitt.) Croat		PROV: ca vr	000m: 0-1	RANGE: end	shrub
--var. <i>laxum</i>		PROV: ca da pa	000m: 0-1	RANGE: cag mex sag sao	climber
<i>sambuense</i> Pitt.		PROV: da	000m: 0-1	RANGE: sat	shrub?
<i>spinosum</i> Bonpl.		PROV: ca	000m: 0-1	RANGE: ang cub trt ven	climber
<i>Conocarpus erectus</i> L.					
--var. <i>erectus</i>		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: afr nwg?	tree
<i>Laguncularia racemosa</i> (L.) Gaertn. f.		PROV: bo ca ch cn da lo pa sa vr	000m: 0-1	RANGE: afr ang cag? fla gal per sag? sao	tree
* <i>Quisqualis indica</i> L.	cult.	PROV: ca ch	000m: 0-1	RANGE: ang asi oce sat	viny shrub
<i>Terminalia amazonia</i> (J.F. Gmel.) Exell		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: cag gui mex per sag? sao trt	tree
* <i>bucoides</i> Standl. & L.O. Wms.		PROV: cn sa	000m: 0-1	RANGE: cr	tree
* <i>catappa</i> L.		PROV: bo ca ch cn da sa vr	000m: 0-1	RANGE: cag	tree
* <i>dichotoma</i> G. Meyer		PROV: ca	000m: 0-1	RANGE: wr	tree
* <i>edulis</i> Blanco	intr. cult.	PROV: ca	000m: 0-1	RANGE: oce	tree
* <i>muelleri</i> Benth.	intr. cult.	PROV: ca	000m: 0-1	RANGE: oce	tree
* <i>myriocarpa</i> Huerck. & Muell. - Arg.		PROV: ca	000m: 0-1	RANGE: oce	tree
* <i>oblonga</i> (R. & P.) Steud.		PROV: bo ca ch cn da lo pa	000m: 0-1	RANGE: col sao ven cr	tree tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

213

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
221 (139) COMBRETACEAE cont.					
obovata (R. & P.) Steud.		PROV: da	000m: 0-1	RANGE: per ven	tree
222 (140) MYRTACEAE					
Aulomyrcia					
*tomentosa Almeda		PROV: ch vr	000m: 1-2,2-3,3+	RANGE: end	shrub
zetekiana (Standl.) Amshoff		PROV: ca	000m: 0-1	RANGE: end	shrub
*Callistemon					
*salignus (Sm.) DC.		intr. cult. PROV: ca	000m: 0-1	RANGE: oce	treelet
Calycolpus					
*glaber (Benth.) Berg		PROV: ca pa	000m: 0-1	RANGE: cag	shrub
warszewiczianus Berg		PROV: ca cc he lo pa	000m: 0-1	RANGE: cr	shrub tree
Calyptranthes					
chytraculia Sw.		PROV: bo	000m: 0-1	RANGE: gua jam mex	shrub tree
costaricensis Berg		PROV: wp	000m: we	RANGE: cr	tree
hylobates Standl.		PROV: bo ca da pa sa	000m: 0-1	RANGE: cr	tree
*johnstonii McVaugh		PROV: ca	000m: 0-1	RANGE: end	tree
*pulchella DC.		PROV: cn	000m: 0-1	RANGE: sat	tree
schiedeana Berg		PROV: pa vr	000m: 0-1	RANGE: mex	tree shrub
tumidonodia Schery		PROV: bo cn pa	000m: 0-1	RANGE: end	shrub
*Eucalyptus					
*camaldulensis Dehnh.		intr. cult. PROV: ch vr	000m: 0-1,1-2	RANGE: oce	tree
*cinerea Benth.		intr. cult. PROV: ch	000m: 0-1,1-2	RANGE: oce	tree
*citriodora Hook.		intr. cult. PROV: vr	000m: 0-1	RANGE: oce	tree
*globulus Labill.		intr. cult. PROV: ch vr	000m: 0-1,2-3	RANGE: oce	tree
*robusta Sw.		intr. cult. PROV: vr	000m: 0-1	RANGE: oce	tree
*sideroxylon A. Cunn.		intr. cult. PROV: vr	000m: 0-1	RANGE: oce	tree
Eugenia					
acapulcensis Steud.		PROV: ca cc ch cn da pa sa vr	000m: 0-1	RANGE: cag col?	shrub tree
alfaroana Standl.		PROV: ch	000m: 0-1,1-2	RANGE: sal	shrub
austin-smithii Standl.		PROV: cc cc ch pa	000m: 0-1,1-2,2-3	RANGE: cr	tree
biflora (L.) DC.		PROV: cc ch cn he pa vr	000m: 0-1	RANGE: nwt	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

214

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
222 (140) MYRTACEAE cont.					
cartagenensis Berg		PROV: ch	000m: 2-3	RANGE: col	tree
chepensis Standl.		PROV: ca cn lo pa	000m: 0-1	RANGE: nic	shrub
chrysophyllum Poir.		PROV: bo	000m: 0-1	RANGE: gui	shrub tree
coloradensis Standl.		PROV: ca cn da	000m: 0-1	RANGE: cr	shrub tree
costaricensis Berg		PROV: da vr	000m: 1-2	RANGE: cr	shrub
fragrans (Sw.) Willd.		PROV: ch	000m: 1-2	RANGE: ang cag	tree
*galalonensis (Griseb.) Urb.		PROV: ca pa	000m: 0-1	RANGE: col gua	treelet
*monticola (Griseb.) McVaugh		PROV: pa	000m: 0-1	RANGE: gui ven	shrub
nesiotica Standl.		PROV: ca	000m: 0-1	RANGE: end	shrub
octopleura Krug & Urb.		PROV: ca	000m: 0-1	RANGE: lag	shrub
oerstedeana Berg		PROV: ca ch cn da pa	000m: 0-1	RANGE: cr mex	tree
oreinoma Berg		PROV: ch	000m: 0-1	RANGE: cr	tree
pittleri Standl.		PROV: pa	000m: 0-1	RANGE: cr	shrub
*principium McVaugh		PROV: ca da	000m: 0-1	RANGE: mex	shrub treelet
salamancana Standl.		PROV: ca	000m: 0-1	RANGE: end	tree
*--var. hiraefolia McVaugh		PROV: lo pa pa	000m: 0-1	RANGE: cr	shrub
*sysygioides (Miq.) M.R. Henderson					
		intr. cult.			
		PROV: ca ch pa	000m: 0-1	RANGE: owt	tree
tapacumensis Berg		PROV: ca pa	000m: 0-1	RANGE: gui lag? per sag?	shrub tree
uniflora L.		cult. PROV: ca	000m: 0-1	RANGE: nwt	shrub treelet
*valerii Standl.		PROV: ch	000m: 1-2	RANGE: cr	tree
*venezuelensis Berg		PROV: ca cc da pa sa	000m: 0-1	RANGE: cag col mex	shrub tree
*Marlierea					
*guildingiana (Griseb.) Krug & Urb.		PROV: pa	000m: 0-1	RANGE: ven	shrub
Myrcia					
costaricensis Berg		PROV: bo cc ch pa vr	000m: 0-1,1-2	RANGE: cr	shrub tree
coumeta (Aubl.) DC.		PROV: bo	000m: 0-1	RANGE: cr gui	shrub tree
*fallax (Rich.) DC.		PROV: ca ch cn vr	000m: 0-1,2-3	RANGE: ang sat	treelet
*fosteri Croat		PROV: ca da pa	000m: 0-1	RANGE: end	tree
gatunensis Standl.		PROV: bo ca ch cn da pa	000m: 0-1,1-2	RANGE: end	shrub
*mollis (H.B.K.) DC.		PROV: da	000m: 1-2	RANGE: col cr per	treelet
*splendens (Sw.) DC.		PROV: cc ch cn da he lo pa	000m: 0-1,1-2	RANGE: ang mex	shrub treelet
Myrciaria					
floribunda (Willd.) Berg		PROV: ca cc ch da lo pa	000m: 0-1	RANGE: ang cag gui mex sao	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
222 (140) MYRTACEAE cont.					
<i>vismeaefolia</i> (Benth.) Berg					
		intr. cult.			
		PROV: ca	000m: 0-1	RANGE: gui	shrub tree
<i>Psidium</i>					
* <i>anglohondurensis</i> (Lund.) McVaugh		PROV: ca cn	000m: 0-1	RANGE: bel gua	tree
<i>friedrichsthalianum</i> (Berg) Nied.		PROV: bo ca ch pa	000m: 0-1	RANGE: cag mex	shrub tree
<i>guajava</i> L.		cult. PROV: bo ca cc ch da lo pa sa vr	000m: 0-1	RANGE: nwt	shrub tree
<i>guineense</i> Sw.		cult. PROV: ca cc ch	000m: 0-1,1-2	RANGE: nwt	shrub
<i>salutare</i> (H.B.K.) Berg		PROV: ca cc ch pa	000m: 0-1	RANGE: cag? hon sag? sai	subshrub
<i>sartorianum</i> (Berg) Nied.		PROV: da pa	000m: 0-1	RANGE: cag cub mex	shrub tree
<i>Syzygium</i>					
* <i>cumini</i> (L.) Skeels		intr. cult. PROV: ca	000m: 0-1	RANGE: asi cag	treelet
<i>jambos</i> (L.) Alston		intr. cult. nat. PROV: bo ca ch cn pa	000m: 0-1,1-2,2-3	RANGE: asi	tree
<i>malaccense</i> (L.) Merr. & Perry		intr. cult. PROV: da vr	000m: 0-1	RANGE: asi	tree
<i>samaragnense</i> (Blume) Merr. & Perry		intr. cult. PROV: ca pa	000m: 0-1	RANGE: asi wdt	tree
<i>Ugni</i>					
* <i>montana</i> (Benth.) Berg		PROV: ch	000m: 3+	RANGE: mex	shrub
<i>warscewiczii</i> Berg		PROV: ch	000m: 2-3,3+	RANGE: end	shrub
223 (141) MELASTOMATACEAE					
<i>Aciotis</i>					
<i>levyana</i> Cogn.		PROV: bo ca cc cn pa sa vr	000m: 0-1	RANGE: col gua	herb
<i>purpurascens</i> (Aubl.) Triana		PROV: ca	000m: 0-1	RANGE: sao sat trt	herb
<i>rostellata</i> (Naud.) Triana		PROV: bo cc cn da sa	000m: 0-1	RANGE: cag mex	herb
<i>Acisanthera</i>					
<i>limnobios</i> (DC.) Triana		PROV: cc	000m: 0-1	RANGE: col cub gua gui hon	herb
<i>quadrata</i> Pers.		PROV: cc ch pa vr	000m: 0-1	RANGE: sao ven cag col gag mex ven	herb
<i>uniflora</i> (Vahl) Gleason		PROV: vr	000m: 0-1	RANGE: cr sag	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

216

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
<i>Adelobotrys</i>					
<i>adscendens</i> (Sw.) Triana		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: bel cag cr gua gui hon jam mex nic per sat	climber
* <i>jefensis</i> Almeda		PROV: pa	000m: 0-1	RANGE: end	climber
* <i>panamensis</i> Almeda		PROV: cc	000m: 0-1	RANGE: end	tree
<i>Arthrostema</i>					
<i>alatum</i> Triana		PROV: ca pa	000m: 0-1	RANGE: cr mex sal ven	herb
* <i>ciliatum</i> R. & P.		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: bol cag col ecu mex per trt ven	herb
<i>Axinaea</i>					
<i>costaricensis</i> Cogn.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	tree
<i>Bellucia</i>					
* <i>axinantha</i> Triana		PROV: ca ch da	000m: 0-1	RANGE: cag mex per sat	tree
* <i>grossularioides</i> (L.) Triana		PROV: bo ca da sa	000m: 0-1	RANGE: cag mex per sao	treelet
<i>Blakea</i>					
<i>brunnea</i> Woods. & Schery		PROV: ch	000m: 1-2,2-3	RANGE: end	tree
<i>calycosa</i> Gleason		PROV: cc	000m: 0-1	RANGE: cr	epiph
* <i>crassifolia</i> Almeda		PROV: cc	000m: 0-1	RANGE: cr	shrub
<i>crinita</i> Gleason		PROV: cc	000m: 1-2	RANGE: end	epiph
* <i>elliptica</i> (Gleason) Almeda		PROV: bo ch	000m: 1-2,2-3	RANGE: end	shrub
<i>foliacea</i> Gleason		PROV: bo cc sa	000m: 0-1	RANGE: cr	epiph
<i>gracilis</i> Hemsl.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	shrub
* <i>micrantha</i> Almeda		PROV: vr	000m: 1-2	RANGE: end	epiph
<i>parvifolia</i> Gleason		PROV: cc	000m: 1-2	RANGE: end	shrub
<i>pauciflora</i> Gleason		PROV: ch pa sa	000m: 1-2	RANGE: cr	tree
* <i>tuberculata</i> J.D. Sm.		PROV: cc ch cn pa vr	000m: 0-1,1-2	RANGE: cr	tree
* <i>wilburiana</i> Almeda		PROV: cc sa	000m: 0-1	RANGE: end	shrub
<i>woodsonii</i> Woods. & Seib.		PROV: ch pa	000m: 1-2,2-3,3+	RANGE: cr	epiph
					shrub
					tree
<i>Centradenia</i>					
<i>inaequilateralis</i> (Cham. & Schlecht.) G. Don		PROV: bo cc ch	000m: 0-1,1-2	RANGE: cag mex	herb
* <i>paradoxa</i> (Kranzl.) Almeda		PROV: cc ch da	000m: 0-1	RANGE: col cr	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
Centronia					
<i>grandiflora</i> Standl.		PROV: bo ch	000m: 1-2,2-3	RANGE: end	tree
* <i>phlomoides</i> Triana		PROV: vr	000m: 0-1	RANGE: cr	tree
Clidemia					
* <i>biolleyana</i> Cogn.		PROV: da	000m: we	RANGE: cr	shrub
<i>capitellata</i> (Bonpl.) D. Don		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: ang cag col mex per	shrub
*--var. <i>dependens</i> (D. Don) Macbr.		PROV: ca cc	000m: 0-1	RANGE: bol cag cub mex per sag sao	shrub
*--var. <i>neglecta</i> (D. Don) L.O. Wms.		PROV: bo ca cc pa	000m: 0-1	RANGE: bel cag cub sag sao	shrub
<i>collina</i> Gleason		PROV: bo ca cc	000m: 0-1	RANGE: end	shrub
* <i>costaricensis</i> Gleason		PROV: ch	000m: 0-1	RANGE: cr	shrub
* <i>crenulata</i> Gleason		PROV: bo cc ch da pa sa	000m: 0-1	RANGE: col cr	shrub
<i>densiflora</i> (Standl.) Gleason		PROV: cc da sa	000m: 0-1	RANGE: cag col ecu	shrub
<i>dentata</i> D. Don		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: bol cag mex per sao	shrub
* <i>discolor</i> (Triana) Cogn.		PROV: ca cc da pa sa vr	000m: 0-1	RANGE: col cr ecu per	shrub
<i>epiphytica</i> (Triana) Cogn.		PROV: pa sa	000m: 0-1	RANGE: bol cag col per	epiph shrub
*--var. <i>trichocalyx</i> (Blake) Wurdack		PROV: sa	000m: 0-1	RANGE: cag col ecu per	epiph shrub
* <i>fraterna</i> Gleason		PROV: ch	000m: we	RANGE: cr	shrub
<i>gracilis</i> Pitt.		PROV: bo ca cc cn da sa	000m: 0-1	RANGE: col	shrub
<i>hirta</i> (L.) D. Don		PROV: bo ca pa	000m: 0-1	RANGE: ang bol cag mex per sag sao	shrub
* <i>monantha</i> L.O. Wms.		PROV: pa	000m: 0-1	RANGE: cr hon mex nic ven	shrub
<i>novemnervia</i> (DC.) Triana		PROV: pa	000m: 0-1	RANGE: cag sag	shrub
<i>oblonga</i> Gleason		PROV: sa	000m: 0-1	RANGE: end	shrub
* <i>octona</i> (Bonpl.) D. Don		PROV: bo ca ch cn da he lo pa sa vr	000m: 0-1	RANGE: cag cub jam mex per sag sao	shrub
<i>ombrophila</i> Gleason		PROV: bo cc ch da pa sa vr	000m: 0-1,1-2	RANGE: cr nic	shrub
* <i>petiolaris</i> Triana		PROV: bo cn	000m: 0-1	RANGE: cag mex	shrub
<i>pittieri</i> Gleason		PROV: ch	000m: 1-2	RANGE: end	shrub
* <i>pustulata</i> DC.		PROV: ca cc he pa	000m: 0-1,1-2	RANGE: col cr nic trt	shrub
* <i>radicans</i> Cogn.		PROV: cc pa	000m: 0-1,1-2	RANGE: cr ecu nic per	shrub
<i>reitziana</i> Gleason		PROV: bo da	000m: 0-1,1-2	RANGE: cr nic	shrub
* <i>septuplinervia</i> Cogn.		PROV: bo ca cn da pa pa sa vr	000m: 0-1	RANGE: bel cag col ecu jam per sag sao	shrub
* <i>sericea</i> D. Don		PROV: ca cc ch pa vr	000m: 0-1	RANGE: bol cag col mex sao trt	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

218

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
*sessiliflora (Naud.) Cogn.		PROV: da	000m: 1-2	RANGE: col cr ecu per	shrub
setosa (Triana) Gleason		PROV: cc	000m: 0-1	RANGE: cag cr mex	shrub
strigillosa (Sw.) DC.		PROV: pa	000m: 0-1	RANGE: ang bel cag gua per	shrub
taurina Gleason		PROV: bo	000m: 0-1	RANGE: end sag	shrub
*tetrapetala Almeda		PROV: bo ch	000m: 1-2	RANGE: end	shrub
*trichosantha Almeda		PROV: cc pa sa vr	000m: 0-1,1-2	RANGE: end	shrub
*urceolata DC.		PROV: pa	000m: 0-1	RANGE: bel hon sao ven	shrub
*utleyana Almeda		PROV: ch	000m: 0-1	RANGE: cr	shrub
Conostegia					
*attenuata Triana		PROV: cc vr	000m: 0-1	RANGE: col cr ecu	shrub
bracteata Triana		PROV: bo ca ch cn da	000m: 0-1	RANGE: cr nic	shrub
chiriquensis Woods. & Schery		PROV: ch	000m: 1-2	RANGE: end	tree
*cinnamonea (Beurl.) Wurdack		PROV: ca cc cn da pa	000m: 0-1	RANGE: col nic	shrub
hirsuta Gleason		PROV: bo	000m: 0-1	RANGE: end	shrub
*icosandra (Sw.) Urb.		PROV: ch	000m: 0-1,2-3	RANGE: bel col cr hon mex	tree
macrantha Triana		PROV: ch	000m: 1-2	RANGE: cr nic	tree
micrantha Standl.		PROV: bo cc	000m: 0-1	RANGE: cr nic	tree
montana (Sw.) D. Don		PROV: bo ch cn da pa	000m: 1-2,2-3	RANGE: ang cag col cr ven	tree
*montealegreana Cogn.		PROV: cc	000m: 0-1	RANGE: cr	shrub
oerstediana Triana		PROV: ch	000m: 1-2	RANGE: cr nic	tree
polyandra Benth.		PROV: bo cn	000m: 0-1	RANGE: col	shrub
*rufescens Naud.		PROV: bo cc cn da pa	000m: 0-1	RANGE: ang col cr nic	tree
setosa Triana		PROV: cc ch cn da pa	000m: 0-1,1-2	RANGE: cag col mex ven	shrub
speciosa Naud.		PROV: bo ca cc cn cn	000m: 0-1	RANGE: cag col mex ven	shrub
subcrustulata (Beurl.) Triana		PROV: bo cc ch cn da	000m: 0-1	RANGE: col cr nic	shrub
*tenuifolia J.D. Sm.		PROV: cc da	000m: 0-1,1-2	RANGE: cr nic	shrub
xalapensis (Bonpl.) D. Don		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: cag col cub mex	tree
*Graffenrieda					tree
*bella Almeda		PROV: ch vr	000m: 0-1,1-2,2-3	RANGE: end	tree
*galeottii (Naud.) L.O. Wms.		PROV: pa vr	000m: 0-1,1-2	RANGE: col ecu gua mex per	shrub
*gracilis (Triana) L.O. Wms.		PROV: vr	000m: 0-1	RANGE: bol col ecu per ven	shrub
*micrantha (Gleason) L.O. Wms.		PROV: bo	000m: 0-1,1-2	RANGE: end	shrub
					tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
Henriettea					
*cuneata (Standl.) L.O. Wms.		PROV: ca cc pa sa	000m: 0-1	RANGE: bel cr gua	shrub
*fascicularis (Sw.) Gomez		PROV: ca da pa	000m: 0-1	RANGE: ang cag	tree
*seemannii (Naud.) L.O. Wms.		PROV: ca	000m: 0-1	RANGE: col cr nic	tree
succosa (Aubl.) DC.		PROV: bo ca cn pa vr	000m: 0-1	RANGE: cag gui mex sao trt	tree
*tuberculosa (J.D. Sm.) L.O. Wms.		PROV: bo cn da sa vr	000m: 0-1	RANGE: cr nic	shrub tree
Heterocentron					
glandulosum Schenck		PROV: ch	000m: 1-2	RANGE: cr gua sal	subshrub herb
Leandra					
*chaetodon (DC.) Cogn.		PROV: cc da	000m: 0-1	RANGE: col ecu per sao ven	shrub
consimilis Gleason		PROV: ca cc cn pa sa	000m: 0-1	RANGE: cr ven	tree
dichotoma (D. Don) Cogn.		PROV: bo ca cc cn da pa sa vr	000m: 0-1,1-2	RANGE: cag mex sag	shrub
*granatensis Gleason		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: col cr nic ven	shrub
*grandifolia Cogn.		PROV: ca cc ch da pa vr	000m: 0-1,1-2	RANGE: cr nic	shrub
*lasiopetala Cogn.		PROV: vr	000m: 0-1	RANGE: cr	shrub
*longicoma Cogn.		PROV: da	000m: 0-1	RANGE: cag col ecu per sao	shrub
mexicana (Naud.) Cogn.		PROV: bo ca ch pa sa	000m: 0-1	RANGE: cag col mex	shrub
subseriata (Naud.) Cogn.		PROV: ch	000m: 1-2,2-3	RANGE: cag col ecu mex ven	shrub tree
subulata Gleason		PROV: bo cc ch da pa	000m: 1-2,2-3	RANGE: cr	epiph shrub
Loreya					
brunnescens (Standl.) Gleason		PROV: bo	000m: 0-1	RANGE: cr nic	tree
Meriania					
macrophylla (Benth.) Triana		PROV: ch	000m: 1-2	RANGE: cr gua mex ven	tree
panamensis Woods. & Schery		PROV: ch	000m: 2-3,3+	RANGE: end	tree
Miconia					
aeruginosa Naud.		PROV: ch cn	000m: 0-1,1-2	RANGE: cag col mex ven	shrub tree
*affinis DC.		PROV: bo ca cc cn da pa sa	000m: 0-1,1-2	RANGE: cag col mex per sag sao trt	tree
albicans (Sw.) Triana		PROV: cc ch da pa vr	000m: 0-1,1-2	RANGE: ang bol cag mex sao	shrub tree
*appendiculata Triana		PROV: cn pa sa	000m: 0-1	RANGE: cr ecu nic per ven	tree
*arboricola Almeda		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	climber
argentea (Sw.) DC.		PROV: ca cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: cag mex	shrub tree
*argyrophylla DC.		PROV: da	000m: 1-2	RANGE: per	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

220

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
*astroplocama J.D. Sm.		PROV: vr	000m: 0-1	RANGE: cr ecu per	shrub tree
barbinervis (Benth.) Triana		PROV: bo cc da	000m: 0-1	RANGE: cag nic per sao	shrub
*benthamiana Triana		PROV: vr	000m: 1-2	RANGE: col cr ecu per	shrub
*biperulifera Cogn.		PROV: bo	000m: 2-3	RANGE: cr	shrub
*brenesii Standl.		PROV: ch	000m: 0-1	RANGE: cr nic	shrub
calvescens DC.		PROV: da	000m: 0-1	RANGE: bel bol cag mex sag sao	tree
caudata (Bonpl.) DC.		PROV: cc ch	000m: 1-2	RANGE: col gua mex	shrub tree
*centrodesma Naud.		PROV: ca cc cn da pa sa vr	000m: 0-1	RANGE: cag per sag	shrub tree
*centronioides Gleason		PROV: cc sa	000m: 0-1	RANGE: col ecu	tree
*centrosperma Almeda		PROV: pa	000m: 0-1	RANGE: end	treelet
*chionophila Naud.		PROV: bo	000m: 3+	RANGE: cr ecu ven	subshrub herb
*chiriquiensis Almeda		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	shrub tree
*chrysophylla (Rich.) Urb.		PROV: da	000m: 0-1,1-2	RANGE: bel gui mex nic sao ven	treelet
ciliata (Rich.) DC.		PROV: ca da pa vr	000m: 0-1	RANGE: ang cag mex per sag sao	shrub
*cionotricha Uribe		PROV: cn da	000m: 0-1	RANGE: col ven	shrub
*coloradensis Almeda		PROV: bo ch	000m: 1-2	RANGE: end	herb
*concinna Almeda		PROV: bo ch	000m: 1-2,2-3	RANGE: end	epiph shrub
costaricensis Cogn.		PROV: bo ch da	000m: 1-2,2-3	RANGE: cr mex	shrub
*cremadena Gleason		PROV: ch	000m: 2-3	RANGE: cr	tree
*curvipetiolata Gleason		PROV: pa	000m: 0-1	RANGE: cc	tree
cuspidatissima Pitt.		PROV: ch	000m: 1-2,2-3	RANGE: end	tree
*desmantha Benth.		PROV: ch da	000m: 0-1	RANGE: cr gua hon mex	tree
*dodecandra (Desr.) Cogn.		PROV: cc da pa vr	000m: 0-1,1-2	RANGE: ang cag mex per sag	tree
*dolichorrhyncha Naud.		PROV: ch da	000m: 0-1	RANGE: col cr per	shrub tree
*donaeana Naud.		PROV: ca cc ch cn	000m: 0-1,2-3	RANGE: per	shrub tree
*donnell-smithii Cogn.		PROV: da	000m: 0-1	RANGE: mex	treelet
*dorsiloba Gleason		PROV: cc da pa vr	000m: 0-1,1-2	RANGE: col cr ecu	shrub
*elata (Sw.) DC.		PROV: ca pa	000m: 0-1	RANGE: ang mex ven	tree
*flavida Cogn.		PROV: ch	000m: 0-1	RANGE: cr	shrub?
*gentryi Wurdack		PROV: da	000m: 1-2	RANGE: col	tree
goniostigma Triana		PROV: da pa	000m: 0-1	RANGE: col ecu	shrub
gracilis Triana		PROV: bo cc cn da pa sa	000m: 0-1	RANGE: col cr nic	shrub
*grandidentata Almeda		PROV: vr	000m: 1-2	RANGE: col cr	shrub
*gratissima Benth.		PROV: pa	000m: 0-1	RANGE: sao	shrub
*holosericea (L.) DC.		PROV: ca ch he	000m: 0-1	RANGE: bel bol cag mex sag sao trt	tree shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
hondurensis J.D. Sm.		PROV: ca da pa	000m: 0-1	RANGE: bel cag	tree
ibaguensis (Bonpl.) Triana		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: bol cag cub mex per sag sao	shrub tree
impetiolearis (Sw.) D. Don		PROV: bo ca cc ch da	000m: 0-1	RANGE: ang cag col mex per	shrub
--var. impetiolearis		pa vr			tree
--var. pandurifolia Naud.		PROV: bo ca da pa	000m: 0-1	RANGE: cag col	shrub
insularis Gleason		PROV: cc pa	000m: 0-1	RANGE: cag ecu	tree shrub
*intricata Triana		PROV: cc vr	000m: 0-1	RANGE: col	tree epiph shrub
lacera (Bonpl.) Naud.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: ang cag mex per sag	shrub
lateriflora Cogn.		da he pa sa vr		trt	
*lonchophylla Naud.		PROV: bo ca cc ch da	000m: 0-1	RANGE: bol cag col gui sao	shrub
*longifolia (Aubl.) DC.		pa		trt	
*loreoides Triana		PROV: ca cn da pa	000m: 0-1	RANGE: col cr ven	shrub
melanotricha (Triana) Gleason		PROV: da	000m: 0-1	RANGE: gui	shrub
--var. melanotricha		PROV: cc ch vr	000m: 0-1,1-2	RANGE: col cr ecu per	shrub
--var. panamensis Gleason		PROV: ch	000m: 1-2,2-3	RANGE: col cr	shrub
*minutiflora (Bonpl.) DC.		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub
*multiplinervia Cogn.		PROV: ca cc ch cn he	000m: 0-1	RANGE: cag cub mex sag	shrub
*multispicata Naud.		pa vr			tree
nervosa (Sm.) Triana		PROV: ch da vr	000m: 1-2	RANGE: col cr	shrub
*nutans J.D. Sm.		PROV: sa	000m: 0-1	RANGE: cr ven	shrub
oinochrophylla J.D. Sm.		PROV: bo ca ch cn da	000m: 0-1	RANGE: cag mex per sag trt	shrub
panamensis Gleason		pa vr			
*phaeophylla Triana		PROV: ch	000m: 1-2	RANGE: col cr ecu nic	shrub
*pileata DC.		PROV: cc cn da pa sa	000m: 0-1	RANGE: bel cag col mex	shrub
*pinetorum Naud.		PROV: bo	000m: 0-1	RANGE: end	shrub
pittieri Cogn.		PROV: pa	000m: 0-1	RANGE: col gui per sao ven	shrub
*poeppigii Triana		PROV: cn pa	000m: 0-1,1-2	RANGE: per sag	tree
prasina (Sw.) DC.		PROV: pa	000m: 0-1,1-2	RANGE: mex	shrub
*punctata (Desv.) D. Don		PROV: ch	000m: 1-2	RANGE: cr	shrub?
*reducens Triana		PROV: ca cc da sa	000m: 0-1,1-2	RANGE: bol col gua gui hon	tree
*robinsoniana Cogn.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: per sao ven	shrub
rubiginosa (Bonpl.) DC.		da he pa vr		RANGE: ang bel bol cag mex	shrub
rufostellulata Pitt.		PROV: pa	000m: 0-1	RANGE: per sag sao	tree
*santaritensis Almeida		PROV: cc da pa	000m: 0-1,1-2	RANGE: cag gag mex per sag	tree
		PROV: da	000m: 0-1	sao	
		PROV: cc pa	000m: 0-1	RANGE: bel col nic	shrub
		PROV: da	000m: 0-1	RANGE: ecu gal	treelet
		PROV: cc pa	000m: 0-1	RANGE: ang bol cr pr sag	shrub
		PROV: ca da pa	000m: 0-1	sao	tree
		PROV: cn pa	000m: 0-1	RANGE: end	shrub
				RANGE: end	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

222

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
<i>schlimii</i> Triana		PROV: bo cc ch da	000m: 0-1,1-2	RANGE: bel cag col	tree
* <i>serrulata</i> (DC.) Naud.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: ang cag mex per sag	tree
<i>shattuckii</i> Standl.		PROV: ca cc da pa	000m: 0-1	RANGE: col nic	shrub tree
* <i>simplex</i> Triana		PROV: bo ca cc cn pa sa	000m: 0-1	RANGE: col cr	shrub
* <i>smaragdina</i> Naud.		PROV: bo cc cn pa	000m: 0-1	RANGE: cr	treelet
<i>stenostachya</i> DC.		PROV: ca	000m: 0-1	RANGE: bol cag mex sag sao	shrub tree
* <i>ternatifolia</i> Triana		PROV: da	000m: 0-1	RANGE: ecu per sao	tree
<i>theaezans</i> (Bonpl.) Cogn.		PROV: bo cc ch pa sa	000m: 0-1,1-2	RANGE: ang bol cag jam per	shrub tree
* <i>tomentosa</i> DC.		PROV: wp	000m: 0-1	RANGE: sag sao bel bol cag cub per	tree shrub
* <i>tonduzii</i> Cogn.		PROV: ch	000m: 1-2	RANGE: cr	shrub
* <i>trinervia</i> Loud.		PROV: pa	000m: 0-1	RANGE: bol cag col ecu jam	tree
<i>triplinervis</i> R. & P.		PROV: bo cn	000m: 0-1	RANGE: mex per ven bol cag jam mex sao	shrub tree
* <i>valeriana</i> (Standl.) Wurdack		PROV: da	000m: we	RANGE: cr	shrub
Monochaetum					
* <i>compactum</i> Almeda		PROV: ch	000m: 1-2,2-3,3+	RANGE: end	shrub
* <i>cordatum</i> Almeda		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
* <i>exaltatum</i> Almeda		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub
* <i>floribundum</i> (Schlecht.) Naud.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: cag cr gua hon mex nic sal	shrub
* <i>neglectum</i> Almeda		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
* <i>trichophyllum</i> Almeda		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub
* <i>vulcanicum</i> Cogn.		PROV: ch	000m: 1-2	RANGE: cr	shrub
Monolena					
* <i>primulaeflora</i> Hook. f.		PROV: cc da	000m: 0-1,1-2	RANGE: col ecu per sao	herb
Mouriri					
* <i>coibensis</i> Morley		PROV: cn vr	000m: 0-1	RANGE: end	tree
<i>completens</i> (Pitt.) Burret		PROV: da sa	000m: 0-1	RANGE: col	tree
* <i>cyphocarpa</i> Standl.		PROV: pa	000m: 0-1	RANGE: gua nic	tree
* <i>exilis</i> Gleason		PROV: cn	000m: 0-1	RANGE: bel gua	treelet
* <i>myrtilloides</i> (Sw.) Poir.					
*--subsp. <i>parvifolia</i> (Benth.) Morley		PROV: bo ca cc ch da lo pa	000m: 0-1	RANGE: bol cag col ecu mex per sag? sao ven	shrub
Nepsera					
<i>aquatica</i> (Aubl.) Naud.		PROV: bo cc vr	000m: 0-1	RANGE: bel cag col gui his jam lag pr sao	shrub subshrub herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
<i>Ossaea</i>					
*bracteata Triana		PROV: cc vr	000m: 0-1,1-2	RANGE: col cr	shrub
*brenesii Standl.		PROV: bo cc cn da vr	000m: 0-1,1-2	RANGE: cr nic	tree
					shrub
*laxivenula Wurdack		PROV: cc	000m: 0-1	RANGE: col cr ecu	shrub
*macrophylla (Benth.) Cogn.		PROV: da sa vr	000m: 0-1	RANGE: col cr ecu	shrub
micrantha Cogn.		PROV: bo cc ch da vr	000m: 1-2	RANGE: cag col his jam mex	shrub
				per ven	tree
*quinquenervia (Mill.) Cogn.		PROV: bo ca ch cn da	000m: 0-1	RANGE: col cr ecu nic	shrub
		lo pa sa vr			
*robusta (Triana) Cogn.		PROV: cc ch da sa vr	000m: 0-1	RANGE: col cr ecu per	shrub
*spicata Gleason		PROV: cc cn pa sa vr	000m: 0-1,1-2	RANGE: col	shrub
<i>Pilocosta</i>					
*nana (Standl.) Almeda & Whiffin		PROV: bo cc sa vr	000m: 0-1	RANGE: col cr	herb
*oerstedii (Triana) Almeda & Whiffin					
*--subsp. campanensis Almeda & Whiffin		PROV: cc he pa	000m: 0-1	RANGE: end	subshrub
*--subsp. oerstedii		PROV: bo ch	000m: 1-2	RANGE: cr	subshrub
<i>Pterolepis</i>					
pumila (Bonpl.) Cogn.		PROV: cc pa	000m: 0-1	RANGE: cag col gui mex per	herb
				ven	
<i>Rhynchanthera</i>					
*grandiflora (Aubl.) DC.		PROV: cc ch he pa vr	000m: 0-1	RANGE: col cr mex sao ven	shrub
paludicola (J.D. Sm.) Gleason		PROV: ch	000m: 1-2	RANGE: cr	shrub
<i>Schwackaea</i>					
cupheoides Durand		PROV: ca cc ch cn he	000m: 0-1	RANGE: cag col mex	herb
		lo pa sa vr			
<i>Tibouchina</i>					
*aspera Aubl.		PROV: pa	000m: 0-1	RANGE: bel gui hon nic per	shrub
				sao ven	
bipenicillata (Naud.) Cogn.		PROV: ch he vr	000m: 0-1	RANGE: col cr ven	herb
*inopinata Wurdack		PROV: ch	000m: 1-2	RANGE: cr	shrub
*lepidota (Bonpl.) Baill.		PROV: vr	000m: 0-1	RANGE: col ecu per ven	shrub
					tree
longifolia Cogn.		PROV: bo ca cc ch da	000m: 0-1	RANGE: bol cag cub his mex	shrub
		he lo pa		sag sao	herb
<i>Tococa</i>					
*acuminata Benth.		PROV: ca cc cn pa	000m: 0-1	RANGE: col	treelet
guianensis Aubl.		PROV: bo cc pa sa vr	000m: 0-1	RANGE: bel bol cag col gui	shrub
				per ven	
*platyphylla Benth.		PROV: bo ch vr	000m: 0-1	RANGE: cag col ecu ven	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
223 (141) MELASTOMATACEAE cont.					
Topobea					
*albertiae Wurdack		PROV: cc pa sa	000m: 0-1,1-2	RANGE: col	epiph
*calophylla Almeda		PROV: vr	000m: 0-1,1-2	RANGE: end	shrub
cooperi Gleason		PROV: bo cc	000m: 0-1	RANGE: end	epiph
cordata Gleason		PROV: cc vr	000m: 1-2	RANGE: end	shrub
*dodsonorum Wurdack		PROV: bo	000m: 0-1	RANGE: ecu	epiph
*durandiana Cogn.		PROV: cc ch cn da	000m: 0-1,1-2	RANGE: cr	shrub
membranacea Wurdack		PROV: da	000m: 0-1	RANGE: col	epiph
*pittieri Cogn.		PROV: bo ch vr	000m: 0-1,1-2	RANGE: col cr ecu	climber
pluvialis Standl.		PROV: da	000m: 1-2	RANGE: end	tree
praecox Gleason		PROV: ca cc ch cn da	000m: 0-1	RANGE: cr	climber
regeliana Cogn.		he pa sa			shrub
*superba Naud.		PROV: ca	000m: 0-1	RANGE: end	tree
		PROV: vr	000m: 0-1	RANGE: col	epiph
urophylla Standl.		PROV: da pa sa	000m: 0-1,1-2	RANGE: nic	shrub?
Triolena					
*barbeyana Cogn.		PROV: da	000m: 0-1	RANGE: per	epiphyte
*dressleri Wurdack		PROV: vr	000m: 0-1	RANGE: end	herb
hirsuta (Benth.) Triana		PROV: bo ca cc da pa	000m: 0-1	RANGE: col cr nic	subshrub
		sa			
*obliqua (Triana) Wurdack		PROV: cc pa	000m: 0-1	RANGE: col	herb
*pileoides (Triana) Wurdack					
*--subsp. panamensis Wurdack		PROV: vr	000m: 0-1	RANGE: end	herb
*spicata (Triana) L. Wms.		PROV: bo cc cc cn pa	000m: 0-1	RANGE: col	shrub
		sa			

224 (142) ONAGRACEAE

Fuchsia					
*hybrida Sieb. & Voss		intr. cult.			
		PROV: ch	000m: 2-3	RANGE: cr gua mex	shrub
*jimenezii Breedlove et al.		PROV: bo ch	000m: 1-2	RANGE: cr	shrub
*magellanica Lam.		intr. cult.			
		PROV: ch	000m: 1-2	RANGE: mex	
*microphylla H.B.K.					



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
224 (142) ONAGRACEAE cont.					
*--subsp. hemsleyana (Woods. & Seib.) Breedlove					
paniculata Lindl.		PROV: ch PROV: bo ch pa	000m: 1-2,2-3,3+ 000m: 0-1,1-2,2-3	RANGE: cr RANGE: cag cr gua hon mex nic	shrub shrub tree
Lopezia					
*miniata DC.					
*--subsp. paniculata (Seem.) Plitmann et al.		PROV: ch	000m: 1-2,2-3	RANGE: cr sal	herb
Ludwigia					
affinis (DC.) Hara		PROV: bo ca cc da	000m: 0-1	RANGE: ang bol cag? gua per sag? sao	herb shrub
decurrens Walt.		PROV: bo ca cc ch	000m: 0-1	RANGE: ang bol cag col cr ecu gua gui hon mex nao nic per sag sal sao ven	herb
erecta (L.) Hara		PROV: ca ch cn da he lo pa	000m: 0-1	RANGE: ang bel cag col cr ecu fla gua gui hon mex nic owg per sal sao sat trt ven	herb
helminthorrhiza Mart.		PROV: ca da he pa	000m: 0-1	RANGE: cag mex per sag sao	herb
*hyssopifolia (G. Don) Exell		PROV: ca ch pa	000m: 0-1	RANGE: ang cag? col cr mex owg per sag? sao	herb
inclinata (L. f) Raven		PROV: ca pa vr	000m: 0-1	RANGE: cag col cr cub gua gui hon jam mex nic sal sao sat ven	herb
latifolia (Benth.) Hara		PROV: bo da	000m: 0-1	RANGE: col cr ecu gui nic per sao sat trt ven	herb
leptocarpa (Nutt.) Hara		PROV: bo ca cc ch	000m: 0-1	RANGE: ang cag mex nag? per sag? sao	herb shrub
*nervosa (Poir.) Hara		PROV: ch vr	000m: 0-1,1-2	RANGE: bel cag col gui hon nic per sao sat? ven	shrub tree
*octovalvis (Jacq.) Raven		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: ang cag mex nag? owg per sag? sao ven	herb shrub
palustris (L.) Ell.					
--var. nana Fern. & Griscom		PROV: wp	000m: we	RANGE: ang col gua mex nag?	herb
*peruviana (L.) Hara		PROV: bo cc ch pa vr	000m: 0-1,1-2	RANGE: bel bol cag col cr cub ecu fla gua his jam mex mex nic per pr sag	herb shrub
*rigida (Miq.) Sandw.		PROV: ca cc ch vr	000m: 0-1	RANGE: bel bol cag col cr gua gui hon mex nic sat ven	herb shrub
sedoides (H. & B.) Hara		PROV: ca cc	000m: 0-1	RANGE: bol col cub gua gui hon jam mex nic sal sao ven	herb
*torulosa (Arn.) Hara		PROV: ca	000m: 0-1	RANGE: bel bol cub gui sao	herb
verticillata Munz		PROV: pa	000m: 0-1	RANGE: cag mex	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

226

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
224 (142) ONAGRACEAE cont.					
Oenothera					
*elata H.B.K.		PROV: ch	000m: 1-2,2-3	RANGE: cag	herb
epilobiifolia H.B.K.		PROV: wp	000m: ve	RANGE: col cr ecu gua mex	herb
pubescens Spr.		PROV: wp	000m: ve	per ven RANGE: col ecu gua mex nas	herb
225 (143) HALORAGACEAE					
Gunnera					
insignis (Oerst.) A. DC.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	herb
*talamancana Weber & Mord		PROV: ch	000m: 3+	RANGE: cr	herb
227 (144) ARALIACEAE					
Dendropanax					
alberti-smithii Nevl.		PROV: bo cc cn pa	000m: 0-1	RANGE: col cr	tree
arboreus (L.) Dec. & Planch.		PROV: bo ca cc ch da he lo pa vr	000m: 0-1,1-2	RANGE: cub lag? mex pr sag	shrub tree
darienensis Seem.		PROV: da	000m: 0-1	RANGE: end	tree
gonatopodus (J.D. Sm.) A.C. Sm.		PROV: bo ch da	000m: 1-2	RANGE: cr	tree
*leptopodus (J.D. Sm.) A.C. Sm.		PROV: bo cc ch	000m: 0-1,1-2	RANGE: hon	tree
praestans Standl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree
querceti J.D. Sm.		PROV: ch da pa	000m: 0-1,1-2	RANGE: cr	shrub tree
sessiliflorus (Standl. & A.C. Sm.) A.C. Sm.		PROV: cc ch sa vr	000m: 0-1,1-2	RANGE: end	tree
stenodontus (Standl.) A.C. Sm.		PROV: ca cn sa	000m: 0-1	RANGE: mex	shrub
*tessmannii Harms		PROV: cc	000m: 0-1,1-2	RANGE: sat	shrub tree
Didymopanax					
morototoni (Aubl.) Dec. & Planch.		PROV: ca cn da pa sa vr	000m: 0-1	RANGE: ang cag mex sag sao	tree
pittieri Marchal		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree
Oreopanax					
*anchicayanum Cuatr.		PROV: da	000m: 0-1,1-2	RANGE: sat	climber
capitatus (Jacq.) Decne. & Planch.		PROV: bo ca cc ch da	000m: 0-1,1-2,2-3	RANGE: ang cag cub his mex sag	tree
costaricensis Marchal		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree
liebmanni Marchal		PROV: bo ch	000m: 1-2,2-3	RANGE: cag mex	tree
*oerstediana Marchal		PROV: ch	000m: 1-2,2-3	RANGE: cr	tree shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
227 (144) ARALIACEAE cont.					
vestitus A.C. Sm.		PROV: ch	000m: 1-2,2-3	RANGE: cr	climber tree shrub climber
xalapensis (H.B.K.) Decne. & Planch.		PROV: ch	000m: 0-1,1-2,2-3,3+	RANGE: cag mex	shrub tree
*Polyscias					
*guilfoylei (Bull) Bailey cult.		PROV: bo ca	000m: 0-1	RANGE: oce	shrub
Schefflera					
*blepharidophylla Harms		PROV: da	000m: 1-2	RANGE: col	tree
*brenesii A.C. Sm.		PROV: ca pa	000m: 0-1,1-2	RANGE: cr	shrub tree
epiphytica A.C. Sm.		PROV: cc pa vr	000m: 0-1	RANGE: end	epiph shrub
*inamerica Harms		PROV: ca pa	000m: 0-1	RANGE: sat	tree
robusta (A.C. Sm.) A.C. Sm.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	shrub tree
seibertii A.C. Sm.		PROV: ch	000m: 0-1	RANGE: end	shrub tree
*sphaerocoma (Benth.) Harms		PROV: cc pa	000m: 0-1	RANGE: sat	epiph shrub
systyla (J.D. Sm.) Viguiier		PROV: bo cc cn pa sa	000m: 0-1,1-2	RANGE: cr	shrub tree
Sciadodendron					
excelsum Griseb.		PROV: ca cc lo pa	000m: 0-1	RANGE: cag? col gua his	shrub tree
228 (145) UMBELLIFERAE					
Anethum					
graveolens L.		intr. cult. PROV: bo	000m: 1-2	RANGE: wdw	herb
Arracacia					
*aegopodioides (H.B.K.) Coult. & Rose		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr gua mex	herb
Cyclospermum					
leptophyllum (Pers.) Sprague		PROV: ch	000m: 1-2,2-3	RANGE: wdt	herb
*Daucus					
*carota L.		intr. cult. PROV: ch	000m: 2-3	RANGE: cag sat wdw	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
228 (145) UMBELLIFERAE cont.					
*Donnellsmithia *juncea (Spr.) Mathias & Const.		PROV: wp	000m: 1-2,2-3	RANGE: cag mex sat	herb
Eryngium carlinae Delar. f. foetidum L.		PROV: ch intr. cult.	000m: 1-2	RANGE: cag cr mex	herb
		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: cag mex sag wdt	herb
*humile Cav.		PROV: bo ch	000m: 2-3,3+	RANGE: col cr ecu per ven	herb
Hydrocotyle bonariensis Lam. mexicana Schlecht. & Cham. pusilla A. Rich. ranunculoides L. f. *ribifolia Rose & Standl. umbellata L.		PROV: ca ch cn sa vr PROV: bo ch da PROV: bo ca ch PROV: bo PROV: bo PROV: bo ca cc ch cn pa	000m: 0-1 000m: 1-2,2-3 000m: 0-1,1-2,2-3 000m: 0-1,1-2 000m: 2-3 000m: 0-1,1-2,2-3	RANGE: nwt sao RANGE: cag mex RANGE: cr gag nic sat RANGE: cag gag nag sag RANGE: cr RANGE: cag gag nag sag	herb herb herb herb herb herb
Myrrhidendron *chirriipoense Suess. *donnell-smithii Coult. & Rose maxonii Coult. & Rose		PROV: bo ch PROV: bo PROV: ch	000m: 3+ 000m: 2-3,3+ 000m: 2-3,3+	RANGE: cr RANGE: cr gua mex RANGE: end	herb tree tree
*Niphogeton *chirripoi (Suess.) Mathias & Const.		PROV: bo ch	000m: 3+	RANGE: col cr ven	herb
*lingula (Wedd.) Mathias & Const.		PROV: bo	000m: 3+	RANGE: col cr	herb
*Ottoa *oenanthoides H.B.K.		PROV: ch	000m: 3+	RANGE: col cr ecu gua mex ven	herb
Sanicula liberta Cham. & Schlecht.		PROV: bo ch da vr	000m: 0-1,1-2,3+	RANGE: cag mex per sag sao	herb
Spananthe paniculata Jacq.		PROV: ca ch	000m: 0-1,1-2	RANGE: nwt	herb
229 (146) CORNACEAE					
Cornus disciflora DC.		PROV: ch	000m: 2-3,3+	RANGE: cag mex	shrub tree







FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

230

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
233 (148, 149) ERICACEAE cont.					
*--var. <i>bullata</i> Luteyn		PROV: cc ch	000m: 0-1,1-2	RANGE: end	shrub
<i>complectens</i> Hemsl.		PROV: ch da	000m: 0-1,1-2	RANGE: col cr nic	shrub
* <i>copeensis</i> Luteyn		PROV: cc	000m: 0-1	RANGE: end	hemiep shrub
<i>crassifolia</i> (Benth.) Hemsl.		PROV: bo cc ch vr	000m: 0-1,1-2,2-3,3+	RANGE: cag cr gua mex	shrub
<i>dariensis</i> Luteyn		PROV: da	000m: 0-1,1-2	RANGE: col	terr epiph shrub
* <i>fortunensis</i> Luteyn		PROV: ch	000m: 1-2	RANGE: end	epiph shrub
<i>fusiformis</i> Luteyn		PROV: da	000m: 0-1,1-2	RANGE: col ecu	epiph shrub
<i>gentryi</i> Luteyn		PROV: da	000m: 1-2	RANGE: end	epiph shrub
<i>laurifolia</i> (Kl.) B. & H.		PROV: da	000m: 1-2	RANGE: col gua mex	terr epiph shrub
<i>megabracteata</i> Luteyn		PROV: bo ch	000m: 1-2,2-3	RANGE: end	epiph shrub
*--var. <i>attenuata</i> Luteyn		PROV: cc	000m: 0-1	RANGE: end	epiph shrub
<i>melastomoides</i> (Kl.) Hemsl.		PROV: ch	000m: 1-2	RANGE: end	epiph shrub
--var. <i>coloradensis</i> Luteyn		PROV: ch	000m: 1-2	RANGE: end	epiph shrub
<i>morii</i> Luteyn		PROV: da	000m: 0-1,1-2	RANGE: end	epiph shrub
<i>panamensis</i> Luteyn		PROV: ch vr	000m: 1-2	RANGE: end	shrub
<i>pseudostenophylla</i> Luteyn		PROV: bo vr	000m: 0-1	RANGE: end	epiph terr shrub
<i>pubescens</i> (H.B.K.) Hemsl.		PROV: ch	000m: 1-2	RANGE: bol bol per ven	shrub
<i>quercina</i> A.C. Sm.		PROV: ch	000m: 1-2	RANGE: cr	terr epiph shrub
* <i>quereme</i> (H.B.K) B. & H.		PROV: ch	000m: 1-2	RANGE: col cr	terr epiph shrub
<i>revoluta</i> Luteyn		PROV: cc pa	000m: 0-1	RANGE: end epiph	terr shrub
<i>santafeensis</i> Luteyn		PROV: vr	000m: 0-1,1-2	RANGE: end	epiph shrub
<i>stenophylla</i> A.C. Sm.		PROV: cc pa	000m: 0-1	RANGE: end	terr epiph shrub
<i>subfasciculata</i> Luteyn		PROV: ch vr	000m: 0-1,1-2,2-3	RANGE: end	terr epiph shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
233 (148, 149) ERICACEAE cont.					
<i>*Chimaphila</i>					
<i>*maculata</i> (L.) Pursh		PROV: bo	000m: 2-3	RANGE: nag	herb
<i>Comarostaphylis</i>					
<i>arbutoides</i> Lindl.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag cr gua mex	shrub tree
<i>Didonica</i>					
<i>*panamensis</i> Luteyn & Wilbur		PROV: cc	000m: 0-1	RANGE: end	shrub
<i>pendula</i> Luteyn & Wilbur		PROV: cc vr	000m: 0-1,1-2	RANGE: end	shrub
<i>Disterigma</i>					
<i>*alaternoides</i> (H.B.K.) Ndzu.		PROV: cc	000m: 0-1,1-2	RANGE: sat	shrub
<i>*hammelii</i> Wilbur & Luteyn		PROV: bo ch	000m: 2-3	RANGE: per	shrub
<i>humboldtii</i> (Kl.) Ndzu.		PROV: bo ch vr	000m: 1-2,2-3	RANGE: cr gua sag?	shrub
<i>luteynii</i> Wilbur		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>panamense</i> Standl.		PROV: da	000m: 1-2	RANGE: end	shrub
<i>trimerum</i> Wilbur & Luteyn		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>utleyorum</i> Wilbur & Luteyn		PROV: vr	000m: 0-1,1-2	RANGE: col cr ecu	shrub
<i>Gaultheria</i>					
<i>gracilis</i> Small		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
<i>odorata</i> Willd.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag cr mex ven	shrub
<i>*Gonocalyx</i>					
<i>*almedae</i> Luteyn		PROV: ch	000m: 1-2	RANGE: wr	shrub
<i>Lateropora</i>					
<i>ovata</i> A.C. Sm.		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub
<i>santafeensis</i> Wilbur & Luteyn		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>*tubulifera</i> Wilbur & Luteyn		PROV: ch	000m: 2-3	RANGE: end	shrub
<i>Lysiclesia</i>					
<i>panamensis</i> Luteyn & Wilbur		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>Macleania</i>					
<i>epiphytica</i> A.C. Sm.		PROV: cc cn pa vr	000m: 0-1	RANGE: end	shrub
<i>insignis</i> Mart. & Gal.		PROV: pa	000m: 0-1,1-2	RANGE: cag cr gua mex	shrub
<i>*megabracteolata</i> Wilbur & Luteyn		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>pentaptera</i> Hoer.		PROV: da	000m: 0-1	RANGE: col ecu	shrub
<i>rupestris</i> (H.B.K.) A.C. Sm.		PROV: ch	000m: 1-2,2-3,3+	RANGE: col cr ecu nic per ven	shrub
<i>Monotropa</i>					
<i>uniflora</i> L.		PROV: ch	000m: 1-2,2-3	RANGE: asi cag col fla mex nag nao nic	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
233 (148, 149) ERICACEAE cont.					
<i>Pernettya coriacea</i> Kl.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr	shrub
<i>Psammisia columbiensis</i> Hoer.		PROV: da	000m: 1-2	RANGE: col ecu	shrub
<i>dariensis</i> Luteyn & Wilbur		PROV: da	000m: 1-2	RANGE: end	climber
<i>dolichopoda</i> A.C. Sm.		PROV: da pa sa	000m: 0-1,1-2	RANGE: col	shrub
* <i>oppositiflora</i> Luteyn		PROV: da	000m: 1-2	RANGE: col	epiph climber
<i>panamensis</i> A.C. Sm.		PROV: cc da pa vr	000m: 0-1,1-2	RANGE: end	shrub
<i>ramiflora</i> Kl.		PROV: cc ch cn da pa vr	000m: 0-1,1-2,2-3	RANGE: cr	shrub
<i>Satyria allenii</i> A.C. Sm.		PROV: cc pa	000m: 0-1	RANGE: end	shrub climber
<i>warszewiczii</i> Kl.		PROV: bo cc ch da pa sa vr	000m: 0-1,1-2,2-3	RANGE: cag mex	shrub
<i>Spherospermum buxifolium</i> P. & E.		PROV: cc ch da pa	000m: 0-1,1-2	RANGE: bol cag? col cr gui	subshrub
<i>cordifolium</i> Benth.		PROV: bo cc ch da pa vr	000m: 0-1,1-2,2-3	RANGE: bol nic per sag? his mex sag? trt ven	subshrub
<i>standleyi</i> A.C. Sm.		PROV: da	000m: 1-2	RANGE: cr	shrub
<i>tuberculatum</i> Wilbur & Luteyn		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>Themistoclesia costaricensis</i> Luteyn & Wilbur		PROV: da	000m: 1-2	RANGE: cr	shrub
<i>horquetensis</i> Luteyn & Wilbur		PROV: ch	000m: 2-3	RANGE: end	shrub
<i>pentandra</i> Sleumer		PROV: cc ch da	000m: 0-1,1-2	RANGE: cr	shrub
* <i>revoluta</i> Wilbur & Luteyn		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>smithiana</i> (Standl.) Sleumer		PROV: ch vr	000m: 0-1,1-2	RANGE: cr	shrublet
<i>Thibaudia costaricensis</i> Hoer.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	shrub
<i>Vaccinium consanguineum</i> Kl.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr	shrub tree
<i>dissimile</i> Blake		PROV: bo cc ch cn pa vr	000m: 0-1,1-2	RANGE: col cr	shrublet
<i>floccosum</i> (L.O. Wms.) Wilbur & Luteyn		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>jefense</i> Luteyn & Wilbur		PROV: cc pa	000m: 0-1	RANGE: end	epiph shrub
<i>poasanum</i> J.D. Sm.		PROV: ch	000m: 1-2,2-3	RANGE: cr gua hon sal	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
233 (148, 149) ERICACEAE cont.					
santafeensis Wilbur & Luteyn		PROV: vr	000m: 0-1	RANGE: end	shrub
235a (151) THEOPHRASTACEAE					
Claviija					
biborrana Oerst.		PROV: bo cc da pa	000m: 0-1,1-2	RANGE: cr	shrub
jeiskii Szyszyl.		PROV: ca cc ch cn da pa	000m: 0-1,1-2	RANGE: cag? cr per sag?	shrub
pubens D'Arcy		PROV: sa	000m: 0-1	RANGE: end	shrub tree
spathulata R. & P.		PROV: ca da pa sa	000m: 0-1	RANGE: per ven	tree
Jacquinia					
macrocarpa Cav.		PROV: ca cc he lo pa	000m: 0-1	RANGE: cr mex	shrub tree
236 (150) MYRSINACEAE					
Ardisia					
*aequilonga Lund.		PROV: cn	000m: 0-1	RANGE: end	tree
alstonii Lund.		PROV: cc ch lo	000m: 0-1,1-2	RANGE: end	shrub tree
antonensis Lund.		PROV: cc	000m: 0-1	RANGE: end	tree
*atrata Lund.		PROV: cn	000m: 0-1	RANGE: end	tree
*atropurpurea Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub
*auriculata J.D. Sm.		PROV: cn vr	000m: 0-1	RANGE: cr	tree
bartlettii Lund.		PROV: ca da sa	000m: 0-1	RANGE: end	shrub
*baruana Lund.		PROV: ch	000m: 1-2	RANGE: end	shrub
*boltenii Lund.		PROV: vr	000m: 0-1	RANGE: nic	shrub
*boquetensis Lund.		PROV: ch	000m: 2-3	RANGE: end	tree
*brevis Lund.		PROV: da	000m: 0-1	RANGE: end	shrub
*calvariana Lund.		PROV: cc	000m: 0-1	RANGE: end	shrub
*campanensis Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub
*caudatifolia Lund.		PROV: vr	000m: 0-1	RANGE: end	tree
*chiriquiensis Lund.		PROV: ch	000m: 2-3	RANGE: end	tree
*clavelligera Lund.		PROV: pa	000m: 0-1	RANGE: end	tree
*colonensis Lund.		PROV: cn	000m: 0-1	RANGE: end	tree
*conglobata Lund.		PROV: pa	000m: 0-1,2-3	RANGE: end	tree
*conglomerata Lund.		PROV: vr	000m: 0-1	RANGE: end	tree
copeyana Standl.		PROV: pa	000m: 0-1	RANGE: cr	tree
*correae Lund.		PROV: ch	000m: 1-2	RANGE: end	shrub
*crassipedicellata Lund.		PROV: vr	000m: 0-1	RANGE: end	tree
crassipes Lund.		PROV: bo	000m: 2-3	RANGE: end	tree
*croatii Lund.		PROV: vr	000m: 0-1	RANGE: end	tree
*crosbyi Lund.		PROV: cn	000m: 0-1	RANGE: end	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

234

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
236 (150) MYRSINACEAE cont.					
darienensis Lund.		PROV: da	000m: 0-1,1-2	RANGE: end	tree
*davidsei Lund.		PROV: ch	000m: 1-2	RANGE: end	tree
*deminuta Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub
dukei Lund.		PROV: da	000m: 0-1	RANGE: end	tree
dwyeri Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub
*eugenioides Lund.		PROV: ch	000m: 2-3	RANGE: end	tree
fendleri Lund.		PROV: cc cn	000m: 0-1	RANGE: end	tree
*florulenta Lund.		PROV: ch	000m: 2-3	RANGE: end	tree
*foetida R. & S.		PROV: da	000m: 0-1	RANGE: col ven	shrub tree
*folsomii Lund.		PROV: cc	000m: 0-1	RANGE: end	shrub
*foveolata Lund.		PROV: vr	000m: 0-1	RANGE: end	tree
*fruticosa Lund.		PROV: ca	000m: 0-1	RANGE: end	shrub
furfuracella Standl.		PROV: ch	000m: 1-2,2-3	RANGE: end	tree
geniculata Lund.		PROV: ch	000m: 0-1	RANGE: end	tree
glanduloso-marginata Oerst.		PROV: ch da pa	000m: 0-1,1-2,2-3	RANGE: cr	tree shrub
glomerata Lund.		PROV: cc	000m: 0-1	RANGE: end	tree
granatensis Mez		PROV: da	000m: 0-1	RANGE: col	shrub tree
*guancheana Lund.		PROV: cn	000m: 0-1	RANGE: end	shrub
guianensis (Aubl.) Mez		PROV: bo ca pa sa	000m: 0-1	RANGE: ang cag sag?	shrub tree
hagenii Lund.		PROV: ch	000m: 1-2	RANGE: end	tree
*hammelii Lund.		PROV: cn	000m: 0-1	RANGE: end	shrub
*horquetensis Lund.		PROV: ch	000m: 2-3	RANGE: end	tree
*jefeana Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub tree
lewisii Lund.		PROV: cn	000m: 0-1	RANGE: end	shrub
lilacina Lund.		PROV: cn sa	000m: 0-1	RANGE: ven	shrub
*maasolae Lund.		PROV: pa	000m: 0-1	RANGE: end	tree
*macrostachya Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub
maxonii Standl.		PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: end	shrub tree
megistophylla Lund.		PROV: vr	000m: 0-1	RANGE: col	shrub
microcalyx Lund.		PROV: ch	000m: 0-1,1-2	RANGE: end	tree
*minima Lund.		PROV: cc	000m: 0-1	RANGE: end	shrub
*morii Lund.		PROV: ch	000m: 1-2	RANGE: end	tree
*neei Lund.		PROV: pa	000m: 0-1	RANGE: end	tree
nervosissima Lund.		PROV: cc	000m: 0-1	RANGE: end	shrub
nigrita Lund.		PROV: ca pa	000m: 0-1	RANGE: end	shrub
nigropunctata Oerst.		PROV: bo	000m: 0-1	RANGE: bel cr gua hon nic	shrub tree
*oerstediana Lund.		PROV: vr	000m: 0-1	RANGE: end	shrub
opaca Lund.		PROV: ch da	000m: 1-2	RANGE: end	tree
opegrapha Oerst.		PROV: bo cc ch pa vr	000m: 0-1	RANGE: cr nic	shrub tree
palmana J.D. Sm.		PROV: ch pa	000m: 0-1,1-2	RANGE: cr	tree
panamensis Lund.		PROV: ch	000m: we	RANGE: end	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

235

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
236 (150) MYRSINACEAE cont.					
pellucida Oerst.		PROV: ca da pa	000m: 0-1	RANGE: cag col mex	shrub
*pergracilis Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub
*pilonensis Lund.		PROV: cc	000m: 0-1	RANGE: end	shrub
*pirreana Lund.		PROV: da	000m: 1-2	RANGE: end	shrub
pittieri Mez		PROV: cc	000m: 0-1	RANGE: cr	tree
pleurobotrya J.D. Sm.		PROV: ch	000m: 2-3	RANGE: cr	tree
*pluriflora Lund.		PROV: ch	000m: 1-2	RANGE: end	shrub
pulverulenta Mez		PROV: vr	000m: we	RANGE: end	shrub tree
reflexiflora Lund.		PROV: ch	000m: 1-2	RANGE: end	tree
*retusa Lund.		PROV: vr	000m: 1-2	RANGE: end	shrub
revoluta Kunth		PROV: ch	000m: 2-3	RANGE: cr	tree
*rimiformis Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub
romeroi Cuatr.		PROV: da	000m: 0-1	RANGE: col	shrub
*rufa Lund.		PROV: ch pa	000m: 0-1,2-3	RANGE: end	tree
*santafeana Lund.		PROV: vr	000m: 0-1	RANGE: end	tree
*sapoana Lund.		PROV: da	000m: 1-2	RANGE: end	shrub
scheryi Lund.		PROV: ch	000m: 1-2,2-3	RANGE: end	tree
solanacea Roxb.		PROV: ca	000m: 0-1	RANGE: asi	shrub
stenophylla J.D. Sm.		PROV: bo	000m: 0-1	RANGE: cr	shrub tree
subsessilifolia Lund.		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub tree
*tacarcunana Lund.		PROV: da	000m: 1-2	RANGE: end	tree
*tenuicaulis Lund.		PROV: ch	000m: 1-2	RANGE: end	shrub
tenuis Lund.		PROV: da	000m: 0-1,1-2	RANGE: col	shrub tree
*tuirana Lund.		PROV: da	000m: 0-1	RANGE: end	shrub
tysonii Lund.		PROV: pa	000m: 0-1	RANGE: end	shrub
*ursina Lund.		PROV: pa	000m: 0-1	RANGE: end	tree
*veraguasensis Lund.		PROV: vr	000m: 0-1	RANGE: end	shrub
*vesca Lund.		PROV: cc	000m: 0-1	RANGE: end	shrub
wedelii Lund.		PROV: bo	000m: 0-1	RANGE: nic	tree shrub
whitei Lund.		PROV: ch	000m: 2-3	RANGE: end	tree
woodsonii Lund.		PROV: ch	000m: 1-2	RANGE: end	tree
*Conomorpha					
*gentryi Lund.		PROV: pa	000m: 0-1	RANGE: wr	shrub
*panamensis Lund.		PROV: ch	000m: 2-3	RANGE: end	tree
*Cybianthus					
*baruana (Lund.) Pipoly		PROV: ch	000m: 2-3,3+	RANGE: end	shrub
*costaricanus Hemsl.					
*--subsp. costaricanus		PROV: bo ch sa	000m: 1-2,2-3	RANGE: cr	epiph shrub
*gentryi Lund.		PROV: da	000m: 1-2	RANGE: end	shrub
*montanus (Lund.) Agostini		PROV: ca pa	000m: 0-1	RANGE: end	shrub
*occigranatensis (Cuatr.) Agostini		PROV: da	000m: 1-2	RANGE: col	treelet



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
236 (150) MYRSINACEAE cont.					
*pastensis (Mez) Agostini		PROV: ch da	000m: 1-2,2-3,3+	RANGE: col cr ecu per ven	shrub
*perpuncticulosus (Lund.) Pipoly & Lund.		PROV: da	000m: 0-1,1-2	RANGE: col	tree
*spectabilis (Standl.) Agostini		PROV: pa sa	000m: 0-1	RANGE: col? cr	shrub
Gentlea					
austin-smithii (Lund.) Lund.		PROV: ch	000m: 1-2	RANGE: cr	shrub tree
Grammadenia					
*morii Lund.		PROV: pa	000m: 0-1	RANGE: end	epiph shrub
*panamensis Lund.		PROV: pa	000m: 0-1	RANGE: end	epiph shrub
*Myrsine					
*coclensis Lund.		PROV: cc	000m: 0-1	RANGE: end	shrub
*coriacea R. & S.		PROV: bo cc ch pa vr	000m: 0-1,1-2,2-3	RANGE: ang cag mex sao sat	shrub tree
*floridana A. DC.		PROV: bo	000m: 0-1	RANGE: ang bah cag fla mex	shrub tree
*microcalyx Lund.		PROV: ch	000m: 1-2	RANGE: wr	shrub
*pellucidopunctata Oerst.		PROV: bo ch pa vr	000m: 0-1,1-2,2-3	RANGE: cr	shrub
*pittieri (Mez) Lund.		PROV: ch	000m: 3+	RANGE: cr	shrub
*sytsmae Lund.		PROV: lo	000m: 0-1	RANGE: end	shrub
Parathesis					
amplifolia Lund.		PROV: pa	000m: 0-1	RANGE: end	tree
*bicolor Lund.		PROV: pa	000m: 0-1	RANGE: end	tree
fusca (Oerst.) Mez		PROV: pa	000m: 0-1	RANGE: cag? col hon ven	shrub
*glaberrima Lund.		PROV: vr	000m: 1-2	RANGE: end	tree
glabra J.D. Sm.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr nic	shrub tree
*kallunkiae (Lund.) Lund.		PROV: da vr	000m: 0-1,1-2	RANGE: end	shrub tree
microcalyx J.D. Sm.		PROV: ca da	000m: 0-1	RANGE: cr hon nic	shrub tree
panamensis Lund.		PROV: bo	000m: 0-1	RANGE: end	tree
seibertii Lund.		PROV: ch	000m: 1-2,2-3	RANGE: end	tree
tenuifolia Lund.		PROV: bo	000m: 0-1	RANGE: end	tree
Rapanea					
allenii Lund.		PROV: ch da	000m: 1-2,2-3	RANGE: end	tree
pellucido-punctata (Oerst.) Mez		PROV: ch	000m: 0-1,1-2	RANGE: cr	tree
*reflexiflora Lund.		PROV: cc	000m: 0-1	RANGE: end	tree
Stylogyne					
*dariensis Lund.		PROV: da	000m: 0-1	RANGE: end	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
236 (150) MYRSINACEAE cont.					
hayesii Mez		PROV: da pa	000m: 0-1	RANGE: end	shrub
standleyi Lund.		PROV: bo ca da pa	000m: 0-1	RANGE: col cr ven	shrub tree
turbacensis (Kunth) Mez		PROV: ca cc ch he lo vr	000m: 0-1	RANGE: cag col ven	shrub tree
237 (152) PRIMULACEAE					
Anagallis pumila Sw. --var. pumila		PROV: cc ch pa	000m: 0-1,1-2	RANGE: afr ang asi cag fla mex oce sag	herb
238 (153) PLUMBAGINACEAE					
Plumbago auriculata Lam.		intr. cult. PROV: vr	000m: 1-2	RANGE: afr fla gua mex sao ven	subshrub
scandens L.		intr. cult. nat. PROV: ca cc he lo pa	000m: 0-1	RANGE: ang cag fla mex nao sag tex	herb
239 (154) SAPOTACEAE					
Bumelia persimilis Hemsl. --subsp. persimilis		PROV: cc lo pa	000m: 0-1	RANGE: cag mex ven	shrub tree
Chrysophyllum cainito L.		cult. PROV: bo ca cc ch da he lo pa vr	000m: 0-1	RANGE: ang nwt	tree
*excelsum Huber		PROV: pa	000m: 0-1	RANGE: sao ven	tree
*hirsutum Cronq.		PROV: cn pa	000m: 0-1	RANGE: cr	shrub
*mexicanum Standl.		PROV: cc da	000m: 0-1	RANGE: cag mex	tree shrub tree
*Cynodendron *panamense (Pitt.) Aubrev.		PROV: bo ca cn da pa	000m: 0-1	RANGE: cag col cr mex	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
239 (154) SAPOTACEAE cont.					
<i>Dipholis</i> <i>minutiflora</i> Pitt.		PROV: ch pa	000m: 0-1,1-2	RANGE: cag mex	tree
* <i>Ecclinusa</i> * <i>guianensis</i> Eyma		PROV: bo	000m: 0-1	RANGE: col per sao sat ven	tree?
* <i>Elaeoluma</i> * <i>glabrescens</i> (Mart. & Eichl.) Aubrev.		PROV: sa	000m: 0-1	RANGE: per sao	tree
<i>Manilkara</i> <i>bidentata</i> (DC.) Chev. <i>chicle</i> (Pitt.) Gilly		PROV: bo ca pa sa PROV: ca cc cn da lo	000m: 0-1 000m: 0-1	RANGE: his lag pr sag? RANGE: cag col mex	tree tree
<i>meridionalis</i> Gilly <i>zapota</i> (L.) Royen		PROV: pa PROV: ca	000m: 0-1 000m: 0-1	RANGE: ang cag col mex ven RANGE: ang cag cr fla mex	tree tree
<i>Mastichodendron</i> <i>capiri</i> (DC.) Cronq. --var. <i>tempisque</i> (Pitt.) Cronq.		PROV: cc lo	000m: 0-1	RANGE: cag mex	tree
* <i>Micropholis</i> * <i>chrysophylloides</i> Pierre * <i>mexicana</i> Cronq.		PROV: da PROV: pa	000m: 1-2 000m: 0-1	RANGE: col RANGE: bel mex	tree tree
* <i>Mimusops</i> * <i>commersonii</i> (G. Don) Engler		intr. cult. PROV: ca vr	000m: 0-1	RANGE: owt	tree
* <i>elengi</i> L.		intr. cult. PROV: ca pa	000m: 0-1	RANGE: asi	tree
* <i>Neoxythece</i> * <i>dura</i> (Eyma) Aubrev. & Pellegrin * <i>maguirei</i> Aubrev.		PROV: da PROV: pa	000m: 0-1 000m: 0-1	RANGE: col sao ven RANGE: ven	tree shrub
<i>Pouteria</i> * <i>buenaventurensis</i> (Aubrev.) Pilz <i>caimito</i> (R. & P.) Radlk. cult. <i>calistophylla</i> (Standl.) Baehni <i>campechiana</i> (H.B.K.) Baehni		PROV: cn pa PROV: da PROV: bo PROV: ca cc cn da lo	000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1	RANGE: col RANGE: per sag? sao trt RANGE: end RANGE: cag cub fla sao	tree tree tree tree
* <i>carabobensis</i> Pitt. <i>chiricana</i> (Standl.) Baehni * <i>congestifolia</i> Pilz <i>cooperi</i> Cronq. <i>dominigensis</i> (Gaertn. f.) Baehni		PROV: da PROV: bo ch PROV: cc ch PROV: bo	000m: 0-1 000m: 0-1 000m: 0-1,1-2 000m: 0-1	RANGE: ven RANGE: cr RANGE: end RANGE: end	tree tree tree tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
239 (154) SAPOTACEAE cont.					
--var. dominigensis	cult.	PROV: ca	000m: 0-1	RANGE: ang fla	tree
*durlandii (Standl.) Baehni		PROV: da	000m: 1-2	RANGE: bel cr guat hon mex	tree
*engleri Eyma		PROV: cn pa	000m: 0-1	RANGE: gui	tree
euryphylla (Standl.) Baehni		PROV: bo	000m: 0-1	RANGE: end	tree
fossicola Cronq.		PROV: ca cc cn da	000m: 0-1	RANGE: cr	tree
*leptopedicellata Pilz		PROV: cn	000m: 0-1	RANGE: end	tree
lucentifolia (Standl.) Baehni		PROV: bo cc pa vr	000m: 0-1	RANGE: cr hon	tree
*neglecta Cronq.		PROV: ca da	000m: 0-1	RANGE: gua per?	tree
pentasperma (Standl.) Baehni		PROV: bo da	000m: 0-1	RANGE: end	tree
sambuensis (Pitt.) Baehni		PROV: da	000m: 0-1	RANGE: end	tree
sapota (Jacq.) Moore & Stearn	cult.	PROV: ca cc ch da he pa sa	000m: 0-1	RANGE: ang cag mex sag?	tree
sclerocarpa (Pitt.) Cronq.		PROV: sa	000m: 0-1	RANGE: end	tree
stipitata Cronq.		PROV: ca da pa	000m: 0-1	RANGE: cr	tree
stylosa (Pierre) Dubard		PROV: bo ca pa	000m: 0-1	RANGE: col? cr? hon?	tree
subrotata Cronq.		PROV: cn da	000m: 0-1	RANGE: cr	tree
*tarapotensis (Pierre) Baehni		PROV: pa	000m: 0-1	RANGE: per sao	tree
*unilocularis (J.D. Sm.) Baehni		PROV: ca ch da pa	000m: 0-1	RANGE: bel cr gua hon mex	tree
*Synsepalum					
*dulcificum (Schum. & Thonn.) Daniell	cult.	PROV: ca	000m: 0-1	RANGE: afr	shrub

240 (155) EBENACEAE

Diospyros					
artanthifolia Mart.		PROV: ca cn da	000m: 0-1	RANGE: per sag? sao	tree
digyna Jacq.		PROV: vr	000m: 0-1	RANGE: cag col mex	tree
*discolor Kl.		PROV: ca	000m: 0-1	RANGE: asi	tree
inconstans Jacq.		PROV: da	000m: 0-1	RANGE: ang sag sao	tree
salicifolia Willd.		PROV: ca da	000m: 0-1	RANGE: cag mex	shrub tree

241 (156) STYRACACEAE

Styrax					
argenteus Presl					
--var. argenteus		PROV: cc ch da	000m: 0-1, 1-2, 2-3, 3+	RANGE: cag cr mex	tree
--var. micranthus D'Arcy		PROV: ch cn	000m: 0-1, 1-2, 2-3	RANGE: cr gua mex	tree
conterminus J.D. Sm.		PROV: ch	000m: 1-2	RANGE: gua	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
242 (157) SYMPLOCACEAE					
Symplocos					
austin-smithii Standl.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: cr	tree
chiriquensis Pitt.		PROV: ch pa	000m: 0-1,1-2	RANGE: cr	shrub
serrulata H. & B.		PROV: ch	000m: 2-3	RANGE: cr	tree tree
243 (158) OLEACEAE					
Chionanthus					
panamensis (Standl.) Stearn		PROV: bo cc pa	000m: 0-1	RANGE: cr	tree
*Forestiera					
*cartaginense J.D. Sm.		PROV: ch	000m: 3+	RANGE: cr	tree
Jasminum					
dichotomum Vahl	intr. cult.	PROV: ca	000m: 0-1	RANGE: afr fla	shrub
fluminense Vell.	intr. cult.	PROV: pa	000m: 0-1	RANGE: afr sao	shrub
grandiflorum L.	intr. cult.	PROV: pa	000m: 0-1	RANGE: asi eur	shrub
multiflorum (Burm. f.) Andr.	intr. cult.	PROV: ca	000m: 0-1	RANGE: asi	shrub
sambac (L.) Ait.	intr. cult.	PROV: ca	000m: 0-1	RANGE: asi	shrub climber
Ligustrum					
sinense Lour.	intr. cult.	PROV: ch	000m: 2-3	RANGE: asi	shrub
Noronhia					
emarginata (Lam.) Stadman	intr. cult.	PROV: ca	000m: 0-1	RANGE: afr	tree
245 (159) LOGANIACEAE					
Buddleia					
americana L.		PROV: ca ch	000m: 0-1,1-2	RANGE: bol cag mex per sat	shrub
nitida Benth.		PROV: ch	000m: 1-2,2-3	RANGE: cag mex	tree shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
245 (159) LOGANIACEAE cont.					
*skutchii Morton		PROV: ch	000m: 2-3	RANGE: mex	treelet
Mitreola petiolata (Gmel.) Torr. & Gray		PROV: ca he lo pa	000m: 0-1	RANGE: ang cag nag per sag wdt	herb
*Peltanthera *floribunda Benth.		PROV: da pa	000m: 0-1	RANGE: per	tree
Potalia amara Aubl.		PROV: bo pa	000m: 0-1	RANGE: cr per sag? sao	shrub
Spigelia anthelmia L.		PROV: bo ca ch cn da lo pa sa vr	000m: 0-1	RANGE: afr ang? asi cag? fla mex per sag? sao	herb
humboldtiana Cham. & Schlecht.		PROV: bo ca cc ch da pa sa	000m: 0-1	RANGE: cag mex sag sao	herb
Strychnos brachistantha Standl.		PROV: ca	000m: 0-1	RANGE: bel gua mex nic	shrub
*chlorantha Progel		PROV: pa sa	000m: 0-1	RANGE: cag	tree shrub
*colombiensis Kruk. & Barneby		PROV: cn	000m: 0-1	RANGE: col per sat	tree shrub
*croatii Kruk. & Barneby		PROV: cn da pa sa	000m: 0-1	RANGE: col	tree shrub
dariensis Seem.		PROV: ca cn da pa vr	000m: 0-1	RANGE: bol cr gui nic per sag sao	climber
*erichsonii Schomb.		PROV: da pa	000m: 0-1	RANGE: per sao sat ven	tree shrub
nigricans Progel		PROV: ca	000m: 0-1	RANGE: cag mex sao	shrub
panamensis Seem.		PROV: ca cc ch cn da pa vr	000m: 0-1,1-2	RANGE: cag col mex ven	climber shrub
panurensis Sprague & Sandw.		PROV: pa	000m: 0-1	RANGE: per sag? sao	shrub climber
*poeppigii Progel		PROV: pa	000m: 0-1	RANGE: bol col per sao sat	climber
toxifera Benth.		PROV: ca da sa	000m: 0-1	RANGE: cr ecu gui sao	climber

246 (160) GENTIANACEAE

*Apteria *aphylla Small		PROV: da	000m: 0-1	RANGE: fla	herb
Centaurium quitense (Kunth) Rob.		PROV: ca ch lo	000m: 0-1,1-2	RANGE: bah cag cr cub ecu gua hon mex nic per sat	herb
strictum (Schiede) Druce		PROV: ch	000m: 2-3,3+	RANGE: cag mex	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

242

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
246 (160) GENTIANACEAE cont.					
<i>Chelonanthus alatus</i> (Aubl.) Pulle		PROV: ca cc ch cn da pa	000m: 0-1,1-2	RANGE: cag mex sag? sao	herb
<i>Coutoubea spicata</i> Aubl.		PROV: ca he pa sa vr	000m: 0-1	RANGE: cag mex sag?	herb
<i>Curtia tenella</i> (Mart.) Cham.		PROV: ca cc pa	000m: 0-1	RANGE: cag mex sag? sao	herb
<i>Enicostema verticillatum</i> Gilg		PROV: ca cn sa	000m: 0-1	RANGE: gag lag	herb
<i>Halenia euryphylla</i> Allen		PROV: ch	000m: 2-3	RANGE: end	herb
<i>rhyacophila</i> Allen		PROV: ch	000m: 1-2	RANGE: cr	herb
<i>woodsoniana</i> Allen		PROV: ch	000m: 2-3,3+	RANGE: end	herb
<i>Lagenanthus</i>					
<i>Lisianthus jefensis</i> A. Robyns & Elias		PROV: pa	000m: 0-1	RANGE: end	herb shrub
<i>peduncularis</i> L.O. Wms.		PROV: cc sa	000m: 0-1	RANGE: end	herb shrub
<i>seemannii</i> (Griseb.) Kuntze		PROV: cc ch da he vr	000m: 0-1	RANGE: col cr	herb shrub
<i>skinneri</i> (Hemsl.) Kuntze		PROV: ca cc cn pa sa vr	000m: 0-1,1-2	RANGE: cr gua hon	herb shrub
<i>Macrocarpaea browallioides</i> (Ewan) A. Robyns & Nilsson		PROV: bo	000m: 2-3	RANGE: end	shrub
* <i>macrophylla</i> (H.B.K) Gilg		PROV: da	000m: 1-2	RANGE: col	tree
<i>Schultesia guianensis</i> (Aubl.) Malme		PROV: ca cc pa	000m: 0-1	RANGE: cag mex	herb
<i>heterophylla</i> Miq.		PROV: ca cc vr	000m: 0-1	RANGE: ang cag sag	herb
<i>lisianthoides</i> Hemsl.		PROV: ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: cag mex sag	herb
<i>pohlana</i> Progel		PROV: cc	000m: 0-1	RANGE: sag	herb
<i>Symbolanthus calygonus</i> (R. & P.) Gris.		PROV: ch da	000m: 0-1,2-3	RANGE: cag sat	shrub
<i>pulcherrimus</i> Gilg		PROV: bo ch da	000m: 1-2,2-3	RANGE: cr	herb shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
246 (160) GENTIANACEAE cont.					
Voyria					
aphylla (Jacq.) Pers.		PROV: bo cc da	000m: 0-1,1-2	RANGE: ang cr sag?	herb
aurantiaca Splitg.		PROV: da pa sa	000m: 0-1	RANGE: bel sao	herb
*corymbosa Splitg.		PROV: ca cn pa sa	000m: 0-1	RANGE: col	herb
*--subsp. alba (Standl.) Ruyters & Maas		PROV: pa	000m: 0-1	RANGE: cag col gui ven	herb
*flavescens Grisb.		PROV: bo	000m: 0-1	RANGE: gui	herb
pittieri (Standl.) L.O. Wms.		PROV: cc sa	000m: 0-1	RANGE: col ven	herb
pulcherrima (Standl.) L.O. Wms.		PROV: sa	000m: 0-1	RANGE: end	herb
*spruceana Benth.		PROV: da sa	000m: 0-1	RANGE: col gui per sao ven	herb
tenella Hook.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: bel? cr sag?	herb
truncata (Standl.) Standl. & Steyerl.		PROV: bo ca cc pa sa	000m: 0-1,1-2	RANGE: gua nic	herb
*Voyriella					
*parviflora (Miq.) Miq.		PROV: cc	000m: 0-1	RANGE: gui	herb
246a (161) MENYANTHACEAE					
Nymphoides					
*indica (L.) Kuntze		PROV: ca cc cn pa	000m: 0-1	RANGE: cag gag mex sag trt	herb
247 (162) APOCYNACEAE					
Allamanda					
cathartica L.		intr. cult.			
		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: nwt	climber
Allomarkgrafia					
plumeriiflora Woods.		PROV: cn pa sa	000m: 0-1	RANGE: col cr	climber
Anechites					
nerium (Aubl.) Urb.		PROV: bo da sa	000m: 0-1	RANGE: ang? col ecu	climber
Aspidosperma					
cruenta Woods.		PROV: ca cn pa	000m: 0-1	RANGE: col gui sat ven	tree
*curranii Standl.		PROV: da	000m: 0-1	RANGE: col	tree
darienense Dwyer		PROV: da sa	000m: 0-1	RANGE: end	tree
*marcgravianum Woods.		PROV: ca cn pa	000m: 0-1	RANGE: ven	tree
megalocarpon Muell.-Arg.		PROV: ca ch da sa	000m: 0-1	RANGE: cag col cr mex	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

244

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
247 (162) APOCYNACEAE cont.					
* <i>Carissa</i> * <i>edulis</i> (Forssk.) Vahl		intr. PROV: cc	000m: 0-1	RANGE: afr	tree
<i>Catharanthus</i> <i>roseus</i> G. Don		cult. PROV: ca cn he pa sa	000m: 0-1	RANGE: afr	herb
<i>Echites</i> <i>turbinata</i> Woods.		PROV: ch	000m: 1-2	RANGE: cr	climber
* <i>turrigera</i> Woods.		PROV: pa	000m: 0-1	RANGE: wr	climber
<i>Fernaldia</i> <i>speciosissima</i> Woods.		PROV: ch	000m: 0-1	RANGE: end	climber
<i>Forsteronia</i> * <i>myriantha</i> J.D. Sm.		PROV: ca	000m: 0-1	RANGE: gua	climber
<i>peninsularis</i> Woods.		PROV: ca cn lo pa	000m: 0-1	RANGE: bel gua	climber
<i>spicata</i> (Jacq.) G. Meyer		PROV: cc pa	000m: 0-1	RANGE: cag col cub mex	climber
<i>viridescens</i> Blake		PROV: ca cn pa	000m: 0-1	RANGE: bel gua	climber
<i>Himatanthus</i> <i>articulatus</i> (Vahl) Woods.		PROV: ca cn da sa	000m: 0-1	RANGE: sag?	tree
<i>Lacmellea</i> <i>panamensis</i> (Woods.) Markgr.		PROV: ca cn da pa	000m: 0-1	RANGE: bel cr	tree
* <i>Macoubea</i> * <i>sprucei</i> (Muell.-Arg.) Markgr.		PROV: da pa sa	000m: 0-1	RANGE: per sao ven	tree
<i>Malouetia</i> <i>guatemalensis</i> (Muell.-Arg.) Standl.		PROV: bo ca cn da sa	000m: 0-1	RANGE: cag	tree
<i>isthmica</i> Markgr.		PROV: ca cn pa sa	000m: 0-1	RANGE: end	tree
<i>Mandevilla</i> <i>campanulata</i> Markgr.		PROV: cn da pa vr	000m: 0-1	RANGE: end	climber
<i>hirsuta</i> (Rich.) Schum.		PROV: ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: cag sag	climber
<i>subsagittata</i> (R. & P.) Woods.		PROV: ca ch pa vr	000m: 0-1, 1-2	RANGE: cag mex sag?	climber
<i>veraguasensis</i> (Seem.) Hemsl.		PROV: ch	000m: 1-2, 2-3	RANGE: col cr ecu ven	climber
<i>villosa</i> (Miers) Woods.		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: cag mex ven	climber
* <i>Mascarenhasia</i> * <i>elastica</i> Schum.		intr. cult. PROV: ca	000m: 0-1	RANGE: afr	tree
<i>Mesechites</i> <i>trifida</i> (Jacq.) Muell.-Arg.		PROV: bo ca cc ch da pa sa vr	000m: 0-1	RANGE: cag mex sag?	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
247 (162) APOCYNACEAE cont.					
<i>Odontadenia</i>					
* <i>cognata</i> (Stadelm.) Woods.		PROV: cn da pa sa vr	000m: 0-1	RANGE: cr	climber
<i>macrantha</i> (R. & S.) Markgr.		PROV: ca cc ch da he pa sa	000m: 0-1	RANGE: cr sag?	climber
<i>puncticulosa</i> (Rich.) Pulle		PROV: ca cn da pa vr	000m: 0-1	RANGE: cr gui sao	climber
<i>Peltastes</i>					
<i>colombianus</i> Woods.		PROV: ca ch da pa	000m: 0-1	RANGE: cr	climber
<i>Plumeria</i>					
* <i>acutifolia</i> Poir.	cult.	PROV: bo ca da he lo pa sa	000m: 0-1	RANGE: ang cag cr mex	tree
* <i>inodora</i> Jacq.		PROV: cn	000m: 0-1	RANGE: col gui ven	tree
<i>pubica</i> Jacq.	cult.	PROV: ch pa	000m: 0-1	RANGE: col lag? ven	shrub
<i>Prestonia</i>					
<i>acutifolia</i> (Benth.) Schum.		PROV: ca cc da pa	000m: 0-1	RANGE: sag	climber
<i>allenii</i> Woods.		PROV: cc cn pa sa	000m: 0-1	RANGE: cr	climber
<i>concolor</i> (Blake) Woods.		PROV: bo vr	000m: 0-1	RANGE: bel	climber
<i>exserta</i> (A. DC.) Standl.		PROV: ca cc da pa	000m: 0-1	RANGE: col trt ven	climber
<i>ipomaeifolia</i> A. DC.		PROV: ca cc da lo pa	000m: 0-1	RANGE: col gui	climber
<i>lenticellata</i> A. Gentry		PROV: cn pa	000m: 0-1	RANGE: end	shrub
* <i>mollis</i> H.B.K.		PROV: da	000m: we	RANGE: ecu per sao	climber
<i>obovata</i> Standl.		PROV: ca cc ch cn da pa sa	000m: 0-1	RANGE: end	climber
<i>portobellensis</i> (Beurl.) Woods.		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: cag mex	climber
<i>remediorum</i> Woods.		PROV: cc ch pa	000m: 0-1	RANGE: end	climber
<i>tysonii</i> A. Gentry		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>wedelii</i> Woods.		PROV: bo	000m: 0-1	RANGE: end	climber
<i>Rauvolfia</i>					
* <i>aphlebia</i> (Standl.) A. Gentry		PROV: ch ch da sa vr	000m: 0-1, 1-2	RANGE: col cr	herb
<i>littoralis</i> Rusby		PROV: ca cc ch cn da pa	000m: 0-1	RANGE: col cr ecu	shrub tree
* <i>macrantha</i> Markgr.		PROV: cc	000m: 0-1	RANGE: per sao	tree
<i>purpurascens</i> Standl.		PROV: bo vr	000m: 0-1	RANGE: end	climber?
<i>tetraphylla</i> L.		PROV: ca cc da he lo pa	000m: 0-1	RANGE: ang asi cag mex oce sag?	shrub
<i>Rhabdadenia</i>					
<i>biflora</i> (Jacq.) Muell.-Arg.		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: cag? fla gag sag?	climber
<i>Stemmadenia</i>					
<i>alfari</i> (J.D. Sm.) Woods.		PROV: cc pa	000m: 0-1	RANGE: cr	tree
<i>allenii</i> Woods.		PROV: cc pa vr	000m: 0-1	RANGE: end	tree shrub
<i>donnell-smithii</i> (Rose) Woods.		PROV: bo ch	000m: 0-1	RANGE: cag mex	tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

246

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
247 (162) APOCYNACEAE cont.					
grandiflora (Jacq.) Miers		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: cr mex nic sag?	shrub tree
lagunae Woods.		PROV: bo	000m: 0-1	RANGE: end	tree
macrantha Standl.		PROV: bo	000m: 0-1	RANGE: end	tree
*minima A. Gentry		PROV: ca cc cn pa vr	000m: 0-1	RANGE: end	shrub
obovata (Benth.) Woods.		PROV: lo	000m: 0-1	RANGE: bol cag ecu mex nic	tree
Stenosolen holothuria Markgr.		PROV: da pa	000m: 0-1	RANGE: end	shrub
Tabernaemontana amygdalifolia Jacq.		PROV: pa vr	000m: 0-1	RANGE: cag col mex ven	shrub tree
arborea Rose		PROV: bo ca da pa sa	000m: 0-1	RANGE: bel gua	tree
chrysocarpa Blake		PROV: bo cc ch da	000m: 0-1,1-2	RANGE: cag	shrub tree
*divaricata R. & S.	cult.	PROV: ca pa	000m: 0-1	RANGE: asi	shrub
*gentriana L. Allorge		PROV: ch pa	000m: 0-1,1-2	RANGE: end	shrub
*longipes J.D. Sm.		PROV: cc	000m: 0-1	RANGE: cr	shrub
*marckgarviana Macbr.		PROV: da	000m: we	RANGE: per sao	shrub?
*panamensis (Markgr., Boit. & A. Allorge)	cult.	PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: ang col ecu per sao	tree shrub
pendula Woods.		PROV: cc cn	000m: 0-1	RANGE: end	shrub
sananho R. & P.		PROV: sa	000m: 0-1	RANGE: sag	tree shrub
undulata Vahl		PROV: cc cn pa sa	000m: 0-1	RANGE: cr gui per sao trt	shrub
Thevetia ahouai (L.) A. DC.		PROV: bo ca ch cn da he lo pa sa vr	000m: 0-1	RANGE: cag mex sag?	tree shrub
peruviana (Pers.) Schum.	cult.	PROV: ca cc cn da pa sa	000m: 0-1	RANGE: nwt	tree shrub
Tonduzia longifolia (A. DC.) Markgr.		PROV: ch	000m: 1-2	RANGE: cag mex	shrub tree
Vinca minor L.	intr. cult.	PROV: wp	000m: 0-1	RANGE: owg	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
248 (163) ASCLEPIADACEAE					
<i>Asclepias</i>					
<i>curassavica</i> L.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag fla sag	herb
* <i>physocarpus</i> Schltr.		PROV: ca	000m: 0-1	RANGE: hon mex	herb
<i>Blepharodon</i>					
<i>mucronatum</i> (Schlecht.) Decne.		PROV: ca cc ch cn da pa vr	000m: 0-1,1-2	RANGE: cag mex sag?	climber
<i>Calotropis</i>					
<i>procera</i> (Ait.) Ait. f.		PROV: lo pa	000m: 0-1	RANGE: ang asi cr gua hon sag sal	herb subshrub
<i>Cryptostegia</i>					
* <i>grandiflora</i> R. Br.		intr. cult.			
<i>madagascariensis</i> Decne.		PROV: da intr. PROV: ca pa	000m: 0-1 000m: 0-1	RANGE: afr RANGE: afr	shrub climber shrub
<i>Cynanchum</i>					
<i>cubense</i> (A. Rich.) Woods.		PROV: ca cc pa	000m: 0-1	RANGE: col cub mex	climber
<i>glaberrimum</i> (Woods.) L.O. Wms.		PROV: ch	000m: 1-2	RANGE: col cr	climber
<i>infimicola</i> L.O. Wms.		PROV: ca cc pa	000m: 0-1	RANGE: end	climber
<i>magdalenicum</i> Dugand		PROV: ca pa	000m: 0-1	RANGE: col	climber
* <i>montevidense</i> Spr.		PROV: pa	000m: 0-1	RANGE: col	climber
<i>Fischeria</i>					
<i>blepharopetala</i> Blake		PROV: ca cn da pa sa	000m: 0-1	RANGE: col cr	climber
* <i>brachycalyx</i> L.O. Wms.		PROV: vr	000m: 0-1,1-2	RANGE: cr	climber
<i>panamensis</i> Spellman		PROV: bo ca cc cn pa	000m: 0-1	RANGE: cr nic	climber
* <i>scandens</i> DC.		PROV: da	000m: 0-1,1-2	RANGE: bel col cub ecu gua jam mex	climber
<i>Gonolobus</i>					
<i>albomarginatus</i> (Pitt.) Woods.		PROV: bo ca cc vr	000m: 0-1	RANGE: col cr	climber
<i>allenii</i> Woods.		PROV: ca cc pa	000m: 0-1	RANGE: end	climber
<i>chiriquensis</i> (Woods.) Woods.		PROV: ch	000m: 1-2	RANGE: end	climber
<i>edulis</i> Hemsl.		PROV: ch	000m: 1-2	RANGE: cr	climber
* <i>eriocladon</i> Benth.		PROV: cn	000m: 0-1	RANGE: col ven	climber
<i>fuscoviolaceus</i> Woods.		PROV: ch	000m: 1-2	RANGE: end	climber
* <i>heterophyllus</i> (Hemsl.) Stevens		PROV: da	000m: 0-1	RANGE: nic	climber
<i>inaequalis</i> L.O. Wms.		PROV: ca pa	000m: 0-1	RANGE: col	climber
<i>lewisii</i> L.O. Wms.		PROV: da lo	000m: 0-1	RANGE: end	climber
<i>ophioglossa</i> Woods.		PROV: bo cc cn pa vr	000m: 0-1	RANGE: end	climber
* <i>rothschuhii</i> Schltr.		PROV: da	000m: 1-2	RANGE: cr gua? hon nic	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
248 (163) ASCLEPIADACEAE cont.					
Hoya					
carnosa (L.) R. Br.		intr. cult.			
		PROV: ca	000m: 0-1	RANGE: cag sat	climber
Marsdenia					
crassipes Hemsl.		PROV: ca pa sa	000m: 0-1	RANGE: end	climber
dressleri Spellman		PROV: pa	000m: 0-1	RANGE: end	climber
maculata Hook. f.		PROV: bo ca da lo pa	000m: 0-1	RANGE: cag col gua lag ven	climber
margaritaria Foster		PROV: cc pa	000m: 0-1	RANGE: end	climber
panamensis Spellman		PROV: lo	000m: 0-1	RANGE: end	climber
rotheana Woods.		PROV: cc	000m: 0-1	RANGE: col	climber
trivirgulata Bartlett		PROV: ca he	000m: 0-1	RANGE: cr hon mex	climber
Matelea					
brasiliensis (Schltr.) Spellman		PROV: bo pa	000m: 0-1,2-3	RANGE: per sao	climber
*denticulata (Vahl) Fontella & Schwarz		PROV: bo ca ch da pa	000m: 0-1	RANGE: col cr ecu gui sao	climber
		vr		ven	
maritima (Jacq.) Woods.		PROV: cc cn he lo pa	000m: 0-1	RANGE: ang col ven	climber
mediocris Woods.		PROV: cn pa	000m: 0-1	RANGE: col gui per sag ven	climber
panamensis Spellman & Dwyer		PROV: cc pa	000m: 0-1	RANGE: end	climber
pinguifolia (Standl.) Woods.		PROV: ca ch pa	000m: 0-1,1-2	RANGE: col cr sag sao trt	climber
pittieri (Standl.) Woods.		PROV: ch	000m: 1-2	RANGE: end	climber
*pseudobarbata (Pitt.) Woods.		PROV: ch	000m: 1-2	RANGE: cr	climber
trianae (Trin.) Spellman		PROV: ca cc da lo pa	000m: 0-1	RANGE: col cr ven	climber
		vr			
tristis (Seem.) Spellman		PROV: vr	000m: 0-1	RANGE: end	shrub
*viridis (Mold.) Spellman		PROV: vr	000m: 0-1	RANGE: col	climber
Oxypetalum					
cordifolium (Vent.) Schltr.		PROV: pa	000m: 0-1	RANGE: ang cag mex sag	climber
Sarcostemma					
bilobum Hook. & Arn.		PROV: bo da pa	000m: 0-1	RANGE: cag col mex ven	climber
clausum (Jacq.) R. & S.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: ang cag mex nwt sag	climber
		da he lo pa			
glaucum H.B.K.		PROV: cc da lo pa	000m: 0-1	RANGE: col cr per ven	climber
Stephanotis					
floribunda Brongn.		intr. cult.			
		PROV: ca	000m: 0-1	RANGE: afr ang	climber
*Tassadia					
*obovata Decne.		PROV: ca pa	000m: 0-1	RANGE: col cr sag sao	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
249 (164) CONVULVULACEAE					
Aniseia					
martinicensis (Jacq.) Choisy					
*--var. nitens (Choisy) O'Donnell		PROV: ca cc he lo pa	000m: 0-1	RANGE: ang cr fla sag	climber
Argyreia					
nervosa (Burm. f.) Boj. intr. cult.		PROV: ca	000m: 0-1	RANGE: wdw	climber
Bonamia					
sulphurea (Brandeg.) Myint & Ward		PROV: lo	000m: 0-1	RANGE: cr gua hon mex	climber
trichantha Hall. f.		PROV: ca da lo pa	000m: 0-1	RANGE: col ven	climber
Cuscuta					
woodsonii Yuncker		PROV: ch	000m: 1-2	RANGE: end	climber
Dichondra					
sericea Sw.		PROV: sa	000m: 0-1	RANGE: cr gua ven	herb
Evolvulus					
alsinoides (L.) L.		PROV: ca cc ch he lo vr	000m: 0-1	RANGE: cag nag owg sag	herb
filipes Mart.		PROV: ca cc pa	000m: 0-1	RANGE: cag jam mex sag	herb
nummularius (L.) L.		PROV: ca cc ch da he lo pa	000m: 0-1	RANGE: ang cag mex owg sag	herb
ovatus Fern.		PROV: cc	000m: 0-1	RANGE: col gua mex sao ven	herb
sericeus Sw.		PROV: cc pa	000m: 0-1	RANGE: ang cag mex sag	herb
tenuis Choisy		PROV: ca pa	000m: 0-1	RANGE: cag mex sag sao	herb
Ipomoea					
alba L.		PROV: bo ca cc da he lo pa	000m: 0-1	RANGE: wdw	climber
anisomeres Rob. & Bartl.		PROV: ca	000m: 0-1	RANGE: gua mex	climber
aquatica Forssk.		PROV: bo ca	000m: 0-1	RANGE: ang bel cr gua owg	climber
asarifolia (Desr.) R. & S.		PROV: ca cc da he pa	000m: 0-1	RANGE: afr ang asi gua hon mex sag	climber
batatas (L.) Lam. cult.		PROV: ca cc ch cn da pa sa vr	000m: 0-1	RANGE: mex wdw	climber
batatoides Choisy		PROV: bo ca cc ch cn pa vr	000m: 0-1	RANGE: bel cr gua mex sag	climber
capillacea (H.B.K.) G. Don		PROV: ch	000m: 1-2	RANGE: cag nag sag	herb
carnea Jacq.		PROV: ca cc da lo pa vr	000m: 0-1	RANGE: nwg	shrub
chiriquiensis Standl.		PROV: ch	000m: 1-2	RANGE: end	climber
*dumosa Benth.		PROV: ch	000m: we	RANGE: mex	climber
hederifolia L.		PROV: bo ca cc ch lo pa	000m: 0-1	RANGE: ang cag mex nag sag	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
249 (164) CONVULVULACEAE cont.					
*imperati (Vahl) Griseb.		PROV: bo ca cn vr	000m: 0-1	RANGE: wdw	climber
indica (Burm. f.) Merr.		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: sat	climber
lindenii Mart. & Gal.		PROV: ca lo pa	000m: 0-1, 1-2	RANGE: mex	climber
mauritiana Jacq.		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: wdw	climber
meyeri (Spr.) G. Don		PROV: ca ch he pa vr	000m: 0-1	RANGE: ang cag mex sag	climber
minutiflora (Mart. & Gal.) House		PROV: ca pa	000m: 0-1	RANGE: cag mex sag	climber
mirandina (Pitt.) O'Donell		PROV: ca da pa vr	000m: 0-1	RANGE: ven	climber
neei (Spr.) O'Donell		PROV: ch	000m: 1-2	RANGE: cag mex	climber
nil (L.) Roth		PROV: ca ch lo pa	000m: 0-1	RANGE: wdw	climber
pes-caprae (L.) R. Br.		PROV: bo ca cc cn lo pa vr	000m: 0-1	RANGE: ang wdw	climber
phillomega (Vell.) House		PROV: bo ca cn da pa vr	000m: 0-1	RANGE: bel cag? gua gui lag per sag?	climber
purpurea (L.) Roth		PROV: ch	000m: 0-1	RANGE: wdw	climber
quamoclit L.		PROV: bo ca ch pa sa	000m: 0-1	RANGE: cag mex wdw	climber
*ramossissima (Poir.) Choisy		PROV: da	000m: we	RANGE: cr gua per sag	climber
setifera Poir.		PROV: ch	000m: 0-1	RANGE: afr ang bel cr gua nic sag	climber
setosa Ker.		PROV: lo	000m: 0-1	RANGE: cag mex sag	climber
squamosa Choisy		PROV: ca ch cn pa	000m: 0-1	RANGE: cag mex sag	climber
tiliacea (Willd.) Choisy		PROV: bo ca cc cn he sa vr	000m: 0-1	RANGE: ang cag fla mex sag	climber
trifida (H.B.K.) G. Don		PROV: ca cc ch he lo pa	000m: 0-1	RANGE: ang bel col cr hon mex ven	climber
tuxtliensis House		PROV: cn da pa	000m: 0-1	RANGE: bel gua mex	climber
violacea L.		PROV: cn sa	000m: 0-1	RANGE: nwt	climber
Iseia					
luxurians (Moric.) O'Donell		PROV: ca da he pa	000m: 0-1	RANGE: col hon sag sao trt ven	climber
Jacquemontia					
agrestis (Choisy) Meisn.		PROV: lo	000m: 0-1	RANGE: cag cub nao sag sao	climber
ciliata Sandw.		PROV: bo ca cn lo pa	000m: 0-1	RANGE: ang cag sat	climber
gracillima (Choisy) Hall. f.		PROV: cc	000m: 0-1	RANGE: sao	climber
pentantha (Jacq.) G. Don		PROV: ca cc cn da he lo pa vr	000m: 0-1	RANGE: ang bel cr fla gua mex sag	climber
sphaerostigma (Cav.) Rusby		PROV: ca cc pa	000m: 0-1	RANGE: bel bol cr gua hon mex per sao ven	climber
tamnifolia (L.) Griseb.		PROV: ca cc pa vr	000m: 0-1	RANGE: bel cr gag gua hon mex nag?	climber
Maripa					
*lewisii Austin		PROV: cn pa sa	000m: 0-1	RANGE: end	climber
nicaraguensis Hemsl.		PROV: bo ca cc ch cn da pa vr	000m: 0-1	RANGE: bel col cr ecu gua nic	climber
panamensis Hemsl.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: col cr ven	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
249 (164) CONVOLVULACEAE cont.					
<i>Merremia</i>					
<i>aegyptia</i> (L.) Urb.		PROV: ca cc ch da he lo pa	000m: 0-1	RANGE: ang cag mex owg sag	climber
<i>dissecta</i> (Jacq.) Hall. f.		PROV: bo ca ch	000m: 0-1	RANGE: ang cag fla mex sag	climber
<i>quinquefolia</i> (L.) Hall. f.		PROV: ca cc ch he lo pa	000m: 0-1	RANGE: ang cag fla mex sag	climber
<i>tuberosa</i> (L.) Rendl.		PROV: bo ca cn pa	000m: 0-1	RANGE: ang cag fla mex owg sag	climber
<i>umbellata</i> (L.) Hall. f.		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: ang cag fla mex owg sag	climber
<i>*Odonellia</i>					
<i>*hirtiflora</i> (Mart. & Gal.) K. Robertson		PROV: ca ch da he pa vr	000m: 0-1	RANGE: bel col cr ecu gua mex ven	climber
<i>Operculina</i>					
<i>codonantha</i> (Benth.) Hall. f.		PROV: ca	000m: 0-1	RANGE: ecu per	climber
<i>*hamiltonii</i> (G. Don) Austin & Staples		PROV: ca pa vr	000m: 0-1	RANGE: ang per sao	climber
<i>pteripes</i> (G. Don) O'Donnell		PROV: ca cc he pa	000m: 0-1	RANGE: cag col mex per	climber
<i>Stictocardia</i>					
<i>tiliifolia</i> (Desr.) Hall. f. cult.		PROV: pa	000m: 0-1	RANGE: wdw	climber
<i>Turbina</i>					
<i>abutiloides</i> (H.B.K.) O'Donnell		PROV: cc lo	000m: 0-1	RANGE: col ecu ven	climber
<i>corymbosa</i> (L.) Raf.		PROV: bo ca da pa	000m: 0-1	RANGE: ang cag fla mex sag	climber
250 (165) POLEMONIACEAE					
<i>Cobaea</i>					
<i>*minor</i> Mart. & Gal.		PROV: ch	000m: 1-2	RANGE: cr	climber
<i>panamensis</i> Standl. cult.		PROV: ch	000m: 1-2	RANGE: nwt	climber
<i>Loeselia</i>					
<i>ciliata</i> L.		PROV: ca cc	000m: 0-1	RANGE: cag mex nao sag?	shrub
<i>glandulosa</i> (Cav.) G. Don		PROV: ch	000m: 1-2	RANGE: cag mex sag?	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
251 (166) HYDROPHYLLACEAE					
Hydrolea spinosa L.		PROV: bo ca he pa	000m: 0-1,1-2	RANGE: ang cag col ecu mex sao sao	herb
Wigandia *urens (R. & P.) H.B.K.		PROV: ch da lo vr	000m: 0-1,1-2	RANGE: cag col mex ven	herb
252 (167) BORAGINACEAE					
Bourreria *costaricensis (Standl.) A. Gentry		PROV: bo	000m: 0-1	RANGE: cr	tree
oxyphylla Standl.		PROV: cn da sa	000m: 0-1	RANGE: bel hon	tree
panamensis I.M. Johnst.		PROV: bo he lo	000m: 0-1	RANGE: end	tree
Cordia alliadora (R. & P.) Oken		PROV: bo ca ch cn da he lo pa sa	000m: 0-1	RANGE: cag mex sat	tree
bicolor A. DC.		PROV: ca da pa vr	000m: 0-1	RANGE: ang? cag sag?	tree
bifurcata R. & S.		PROV: bo da	000m: 0-1	RANGE: cr sag?	shrub
*collococco L.		PROV: cc	000m: 0-1	RANGE: ant cag mex sat	treelet
curassavica (Jacq.) R. & S.		PROV: bo ca cc cn he lo pa sa vr	000m: 0-1	RANGE: ang cag mex sag?	shrub tree
dentata Poir.		PROV: he lo vr	000m: 0-1	RANGE: ang cag mex sag?	shrub tree
diversifolia DC.		PROV: bo ca	000m: 0-1	RANGE: cag col mex	shrub tree
dwyeri Nowicke		PROV: cn cn pa	000m: 0-1	RANGE: col cr	shrub
*eristigma Pitt.		PROV: cc pa	000m: 0-1	RANGE: cag col mex	shrub
globosa (Jacq.) H.B.K.		PROV: pa	000m: 0-1	RANGE: ang cag mex sao ven	shrub
inermis (Mill.) I.M. Johnst.		PROV: pa	000m: 0-1	RANGE: cag col mex	shrub
lasiocalyx Pitt.		PROV: ca cc da pa	000m: 0-1	RANGE: end	tree
*linnaei (L.) Stearn		PROV: ca cn da pa sa vr	000m: 0-1	RANGE: ang cag mex sat	shrub
lucidula I.M. Johnst.		PROV: bo sa	000m: 0-1	RANGE: cr	tree
*megalantha Blake		PROV: ch	000m: 0-1	RANGE: cag mex	tree
panamensis Riley		PROV: ca cc ch cn da lo pa sa vr	000m: 0-1	RANGE: cag col? ecu? sai	shrub tree
porcata Nowicke		PROV: cc cn lo sa	000m: 0-1	RANGE: end	shrub
protracta I.M. Johnst.		PROV: sa	000m: 0-1	RANGE: end	shrub
sebestena L.		PROV: pa sa	000m: 0-1	RANGE: ang bah cag mex ven	shrub tree
*sericalyx DC.		PROV: cn pa	000m: 0-1	RANGE: sat	tree
spinescens L.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: bol cag cag col sag	shrub tree
*toqueve Aubl.		PROV: ca	000m: 0-1	RANGE: wr	treelet



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
252 (167) BORAGINACEAE cont.					
<i>Cynoglossum amabile</i> Stapf & Drum. * <i>officinale</i> L.		PROV: ch PROV: ch	000m: 1-2,2-3 000m: 1-2,2-3	RANGE: asi cag RANGE: eur	herb herb
<i>Ehretia austin-smithii</i> Standl.		PROV: ch	000m: 1-2	RANGE: cr	tree
<i>Hackelia mexicana</i> (Schlecht. & Cham.) I.M.		Johnst. PROV: ch	000m: 1-2,2-3,3+	RANGE: cag mex	herb
<i>Heliotropium curassavicum</i> L. <i>indicum</i> L.		PROV: lo PROV: bo ca cc da lo pa vr	000m: 0-1 000m: 0-1	RANGE: nwg RANGE: nwg	herb herb
<i>procumbens</i> Mill.		PROV: lo	000m: 0-1	RANGE: nwg	herb
* <i>Moritzia lindenbergii</i> Benth.		PROV: ch	000m: 3+	RANGE: cr ecu ven	herb
<i>Tournefortia angustiflora</i> R. & P. <i>bicolor</i> Sw.		PROV: bo ca cc cn da he lo pa sa PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1 000m: 0-1	RANGE: cag? hon per sag RANGE: nwt	shrub shrub climber
* <i>brenesii</i> Standl. <i>cuspidata</i> H.B.K.		PROV: vr PROV: bo ca cc cn da pa sa	000m: 0-1 000m: 0-1	RANGE: cr RANGE: ang cag sag	shrub shrub
<i>glabra</i> L. <i>hirsutissima</i> L.		PROV: bo cc ch da pa sa vr PROV: bo ca ca ch cn da pa	000m: 0-1,1-2 000m: 0-1,1-2	RANGE: ang cag mex RANGE: bol cag per ven	shrub tree shrub climber
<i>johnstonii</i> Standl. <i>maculata</i> Jacq.		PROV: ch pa PROV: ca cc ch cn da lo pa sa vr	000m: 0-1,1-2,2-3 000m: 0-1,1-2	RANGE: cr RANGE: ang cag mex per sag	shrub shrub tree
* <i>ramonensis</i> Standl. * <i>tacarcunensis</i> A. Gentry & Nowicke <i>volubilis</i> L.		PROV: ch PROV: da PROV: lo pa	000m: 1-2 000m: 1-2 000m: 0-1	RANGE: cr RANGE: col RANGE: ang cag fla mex sag	shrub herb climber

253 (168, 168A) VERBENACEAE

<i>Aegiphila anomala</i> Pitt.		PROV: ca cc pa vr	000m: 0-1	RANGE: cr	tree shrub
<i>cephalophora</i> Standl. <i>costaricensis</i> Mold.		PROV: ca da pa PROV: bo cc da	000m: 0-1,1-2 000m: 0-1,1-2	RANGE: col cr RANGE: cr mex ven	climber shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

254

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
253 (168, 168A) VERBENACEAE cont.					
<i>deppeana</i> Steud.		PROV: ch lo vr	000m: 0-1	RANGE: cag col gui mex sag? ven	shrub tree
<i>elata</i> Sw.		PROV: ca ch cn da pa	000m: 0-1	RANGE: ang bel cag col cr cub gui his hon mex ven	shrub climber
<i>falcata</i> J.D. Sm.		PROV: bo ca cc pa	000m: 0-1	RANGE: cag col mex	shrub tree
<i>filipes</i> Schau.		PROV: da pa	000m: 0-1	RANGE: bol per sag? sao	shrub tree
<i>glandulifera</i> Mold.		PROV: bo ca	000m: 0-1	RANGE: per sag? sao	shrub tree climber
<i>hirsutissima</i> Mold.		PROV: da sa	000m: 0-1	RANGE: ven	shrub climber
<i>hoehnei</i> Mold. --var. <i>spectabilis</i> Mold.		PROV: cn pa	000m: 0-1	RANGE: col	shrub climber
<i>integrifolia</i> Jacks.		PROV: da	000m: 0-1	RANGE: bol per sao trt ven	shrub tree
<i>laeta</i> H.B.K.		PROV: ca da pa sa	000m: 0-1	RANGE: col ven	shrub tree climber
* <i>laevis</i> (Aubl.) Gmel. <i>magnifica</i> Mold.		PROV: pa PROV: bo pa	000m: 0-1 000m: 0-1	RANGE: gui RANGE: cag? gua	climber shrub climber
--var. <i>pubescens</i> Mold.		PROV: ca	000m: 0-1	RANGE: cr	shrub climber
<i>martinicensis</i> Jacq.		PROV: bo ca	000m: 0-1	RANGE: ang col cr trt ven	shrub tree
<i>mollis</i> H.B.K.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: bol sag?	shrub tree
<i>odontophylla</i> J.D. Sm.		PROV: bo	000m: 1-2	RANGE: col cr ven	shrub tree
<i>panamensis</i> Mold.		PROV: bo ca cc ch cn da pa sa	000m: 0-1	RANGE: cag col cr mex	shrub tree
* <i>pauciflora</i> Standl. <i>pendula</i> Mold.		PROV: da PROV: ca	000m: 1-2 000m: 0-1	RANGE: wr RANGE: ecu per ven	treelet shrub
* <i>Aloysia</i> * <i>virgata</i> Juss. *--var. <i>platyphylla</i> (Briq.) Mold.		PROV: he pa	000m: 0-1	RANGE: sat	herb shrub
<i>Callicarpa</i> <i>acuminata</i> H.B.K.		PROV: bo cn da pa sa vr	000m: 0-1	RANGE: bol cag? mex sag?	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
253 (168, 168A) VERBENACEAE cont.					
<i>Citharexylum</i>					
caudatum L.		PROV: bo ca cc cn pa	000m: 0-1	RANGE: ang bah cag col mex	shrub tree
cooperi Standl.		PROV: bo	000m: 0-1	RANGE: cr	shrub tree
donnell-smithii Greenm.		PROV: ch	000m: 1-2,2-3	RANGE: cag mex	tree shrub
*hirtellum Standl.					
--var. guatemalense Mold.		PROV: ch	000m: we	RANGE: gua	shrub tree
lankesteri Mold.		PROV: ch	000m: 1-2	RANGE: cag? sal	shrub tree
macradenium Greenm.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr El Va	tree
macrochlamys Pitt.		PROV: cn da	000m: 0-1	RANGE: col	tree
recurvatum Greenm.		PROV: ch pa	000m: 0-1,1-2	RANGE: cr	shrub tree
*spinosum L.		PROV: cn	000m: 0-1	RANGE: ang	shrub
viride Mold.		PROV: bo ch	000m: 1-2	RANGE: cr	shrub tree
<i>Clerodendrum</i>					
ligustrinum (Jacq.) R. Br.		PROV: cn pa	000m: 0-1	RANGE: cag mex	shrub tree
--var. nicaraguense Mold.		PROV: bo ca cn	000m: 0-1	RANGE: cag hon nic	shrub tree
molle H.B.K.		PROV: pa	000m: 0-1	RANGE: ecu gal sag?	shrub
paniculatum L.	intr. cult.	PROV: ca	000m: 0-1	RANGE: asi oce	herb shrub
philippinum Schau.	intr. cult.	PROV: bo da vr	000m: 0-1,2-3	RANGE: ang asi cag mex nag? sag sao	subshrub
pittieri Mold.		PROV: cc ch pa	000m: 0-1	RANGE: cag ecu gua ven	shrub
thomsonae Balf. f.	intr. cult.	PROV: ca pa	000m: 0-1	RANGE: afr	climber
* <i>Congea</i>					
*tomentosa Roxb.	intr. cult.	PROV: ca	000m: 0-1	RANGE: ang asi cag	herb shrub
*velutina Wight	intr. cult.	PROV: ca	000m: 0-1	RANGE: asi cag nao	climber
<i>Cornutia</i>					
grandifolia (Schlecht. & Cham.) Schau.	cult.	PROV: ca cc pa	000m: 0-1	RANGE: cag mex	shrub tree
--var. intermedia Mold.		PROV: bo ca cc da pa vr	000m: 0-1	RANGE: cag? gua	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
253 (168, 168A) VERBENACEAE cont.					
--var. normalis (Kuntze) Mold.		PROV: bo ca cc ch lo pa vr	000m: 0-1	RANGE: cr	shrub tree
microcalycina Mold.		PROV: da	000m: 0-1	RANGE: per sag?	shrub tree
--var. anomala Mold.		PROV: da	000m: 0-1	RANGE: col	shrub
--var. pulverulenta Mold.		PROV: ca cc da	000m: 0-1	RANGE: ecu sag?	shrub
<i>Duranta</i>					
costaricensis (J.D. Sm.) Standl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub tree
erecta L.	cult.	PROV: bo ca cc ch lo pa	000m: 0-1,1-2	RANGE: cag cal fla per sag sao tex	shrub tree
repens					
--var. alba Bailey & Bailey	cult.	PROV: pa	000m: 0-1	RANGE: wdt	shrub tree
--var. microphylla (Desf.) Mold.	cult.	PROV: pa	000m: 0-1	RANGE: gal	shrub tree
<i>*Holmskioldia</i>					
*sanguinea Retz.	intr. cult.	PROV: cc pa	000m: 0-1	RANGE: afr asi cag mex	herb climber
<i>Lantana</i>					
camara L.		PROV: ca cc cn da he lo pa sa vr	000m: 0-1	RANGE: ang bol cag? col fla per sag sao sao	shrub
--var. aculeata (L.) Mold.		PROV: ch pa	000m: 0-1,1-2	RANGE: afr asi cag eur fla mex oce sag sao	herb shrub
--var. mista (L.) L.H. Bailey		PROV: cn pa vr	000m: 0-1	RANGE: ang cag nag sat	shrub
*--var. moritziana (Otto & Dietr.)	Lopez-Palacios	PROV: cn pa	000m: 0-1	RANGE: wr	shrub herb
costaricensis Hayek		PROV: ch	000m: 1-2,2-3	RANGE: cag cr mex	shrub
glandulosissima Hayek					
--var. glandulosissima		PROV: ca cc ch da pa	000m: 0-1,1-2	RANGE: cag cub mex pr sag?	subshrub
*--var. grandis Mold.		PROV: ca cn	000m: 0-1	RANGE: end	herb
*--var. parvifolia Mold.		PROV: pa	000m: 0-1	RANGE: mex	shrub
grosseserrata Mold.		PROV: cc	000m: 0-1	RANGE: cr	shrub
hirta Graham		PROV: ch he	000m: 0-1,1-2	RANGE: cag mex	bushy shrub
*--var. pubescens Mold.		PROV: ch	000m: we	RANGE: wr	shrub
hispida H.B.K.		PROV: bo ca ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: cag mex ven	subshrub shrub
*--fo. parvifolia Mold.		PROV: cc pa vr	000m: we	RANGE: hon	herb
involucrata L.					
--fo. rubella Mold.		PROV: sa	000m: 0-1	RANGE: fla his	shrub
maxima Hayek		PROV: cc ch pa sa	000m: 0-1,1-2	RANGE: per sag? sao trt ven	herb shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
253 (168, 168A) VERBENACEAE cont.					
<i>moritziana</i> Otto & Dietr.		PROV: bo ca cc ch cn he pa	000m: 0-1,1-2	RANGE: cag mex per sag? sao	bushy shrub
<i>trifolia</i> L.		PROV: bo ca ch	000m: 0-1	RANGE: bol cag cub mex per sag sao	herb
--fo. <i>hirsuta</i> Mold.		PROV: ch cn he pa sa	000m: 0-1	RANGE: ang asi bol cag cub mex nao per sag? sao	herb
--fo. <i>oppositifolia</i> Mold.		PROV: bo ca ch cn he pa vr	000m: 0-1,1-2	RANGE: wdt	herb
<i>velutina</i> Mart. & Gal.		PROV: ch pa	000m: 0-1,1-2	RANGE: cag mex tex ven	shrub
--fo. <i>violacea</i> Mold.		PROV: pa	000m: 0-1	RANGE: wdt	herb
<i>Lippia</i>					
<i>alba</i> Britt. & Wils.	cult.	PROV: ch cn pa vr	000m: 0-1	RANGE: ang cag mex sag? sao	herb shrub subshrub
<i>americana</i> L.		PROV: he lo	000m: 0-1	RANGE: per sag?	herb
<i>cardiostegia</i> Benth.		PROV: ch	000m: 1-2	RANGE: cag mex	bushy shrub tree
* <i>controversa</i> Mold.		PROV: cc he	000m: 0-1	RANGE: cr mex	shrub
<i>costaricensis</i> Mold.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	tree
* <i>liberiensis</i> Mold.		PROV: vr	000m: 0-1	RANGE: wr	shrub
* <i>myriocephala</i> Schlecht. & Cham.		PROV: ch	000m: 1-2	RANGE: cag? cr gua hon mex	tree
<i>oxyphyllaria</i> (J.D. Sm.) Standl.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: cr	shrub tree
<i>torresii</i> Standl.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr	tree
<i>Petrea</i>					
<i>aspera</i> Turcz.	cult.	PROV: ca da lo pa sa vr	000m: 0-1	RANGE: ang cag sag? sao	climber
--fo. <i>albiflora</i> Mold.		PROV: sa	000m: 0-1	RANGE: nwt	shrub
* <i>morii</i> Mold.		PROV: sa	000m: 0-1	RANGE: end	climber
<i>rugosa</i> H.B.K.					
--var. <i>casta</i> Mold.	intr. cult.	PROV: ca	000m: 0-1	RANGE: sat?	shrub
--var. <i>rugosa</i>	intr. cult.	PROV: ca	000m: 0-1		
<i>volubilis</i> L.	cult.	PROV: ca pa sa	000m: 0-1	RANGE: col ecu ven cag cub mex	shrub climber
--var. <i>pubescens</i> Mold.	cult.	PROV: vr	000m: we	RANGE: cag mex	subshrub climber subshrub
<i>Phyla</i>					
<i>betulaefolia</i> (H.B.K.) Greene		PROV: ca cn pa	000m: 0-1	RANGE: bel cag? cub gua sag? sao	herb
<i>incisa</i> Small		PROV: ca cn	000m: 0-1	RANGE: cag cal mex nag? nao	herb
<i>nodiflora</i> (L.) Greene					
--var. <i>longifolia</i> Mold.		PROV: bo ca ch cn pa vr	000m: 0-1	RANGE: cag col mex nao per tex	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

258

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
253 (168, 168A) VERBENACEAE cont.					
--var. nodiflora		PROV: ca vr	000m: 0-1	RANGE: nwt owt wdt	herb
scaberrima (A. Juss.) Mold.		PROV: ca ch pa	000m: 0-1,1-2	RANGE: cag cub mex ven	shrub
strigulosa (Mart. & Gal.) Mold.					
--var. sericea (Kuntze) Mold.		PROV: pa	000m: 0-1	RANGE: bah gag lag mex tex	herb
--var. strigulosa		PROV: pa	000m: 0-1	RANGE: trt ven ang bol cag cub gal his mex sag? sao tex	herb
Priva					
lappulacea (L.) Pers.					
--fo. albiflora Mold.		PROV: bo ca da pa	000m: 0-1	RANGE: ang bol cag fla mex nwt per sag sao sat tex	herb
--fo. lappulacea		PROV: bo ca ch cn da he pa	000m: 0-1	RANGE: ang bol cag fla mex nwt per sag sao sat tex	herb
Stachytarpheta					
cayennensis (Rich.) Vahl		PROV: ca cc ch cn da pa vr	000m: 0-1	RANGE: ang cag gag mex per sag? sao	herb shrub
*--fo. purpurea Mold.		PROV: pa	000m: 0-1	RANGE: end	shrub
guatemalensis Mold.		PROV: cc da pa	000m: 0-1	RANGE: cag mex	herb shrub
jamaicensis (L.) Vahl		PROV: bo ca ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: afr ang asi cag ecu mex nao oce sao	herb
*--subsp. atrocoerulea Mold.		PROV: cn pa	000m: 0-1	RANGE: wr	herb
*mutabilis (Jacq.) Vahl		PROV: pa	000m: 0-1	RANGE: cag sat	shrub
*Tamonea					
*spicata Aubl.		PROV: cn pa	000m: 0-1	RANGE: gui	herb
Tectona					
grandis L. f.		intr. cult. PROV: ca	000m: 0-1	RANGE: asi cr	tree
Verbena					
hybrida Rumpher		intr. cult.			
litoralis H.B.K.		PROV: pa PROV: ch pa	000m: 0-1 000m: 0-1,1-2,2-3	RANGE: wdw RANGE: afr cag cal nag? nao nao oce sag	herb herb
*parvula Hayek		PROV: ch	000m: 2-3	RANGE: bol	herb
Vitex					
cooperi Standl.		PROV: ca ch da vr	000m: 0-1	RANGE: cag? gua	tree
cymosa Spr.		PROV: da	000m: 0-1	RANGE: bol sag? sao	tree
floridula Duchass. & Walp.		PROV: ca da pa	000m: 0-1	RANGE: end	tree
masoniana Pitt.		PROV: da pa	000m: 0-1	RANGE: col	tree
parviflora A. Juss.		intr. cult. PROV: bo	000m: 0-1	RANGE: asi	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
253a (168a) AVICENNIACEAE					
Avicennia					
bicolor Standl.		PROV: ca cc cn da lo pa	000m: 0-1	RANGE: cag mex	shrub tree
germinans (L.) L.		PROV: bo ca cc cn lo pa sa	000m: 0-1	RANGE: ang bah cag fla gal mex per sag? sao tex	shrub tree
tonduzii Mold.		PROV: pa	000m: 0-1	RANGE: col cr	tree
254 (169) LABIATAE					
Cunila					
polyantha Benth.		PROV: ch	000m: 1-2	RANGE: cag mex	shrub
Hyptis					
atrorubens Poit.		PROV: bo	000m: 0-1	RANGE: afr ang gua mex sag	herb
brachiata Briq.		PROV: ca cc ch he pa vr	000m: 0-1	RANGE: col cr ven	herb subshrub
brevipes Poit.		PROV: ca cn pa	000m: 0-1	RANGE: asi mex nwt per sao	herb
capitata Jacq.		PROV: bo ca cc ch da lo pa sa vr	000m: 0-1	RANGE: afr asi cag col ecu mex per ven	herb
conferta Benth.		PROV: ch pa	000m: 0-1	RANGE: bol cag col mex sao sat ven	herb
dilatata Benth.		PROV: cc he vr	000m: 0-1	RANGE: col sao ven	herb subshrub
lantaniifolia Poit.		PROV: cc ch pa	000m: 0-1	RANGE: ang bol cag mex sag sao	herb
mutabilis (A. Rich.) Briq.		PROV: ca cc ch da he lo pa vr	000m: 0-1	RANGE: afr nwt per	herb
oblongifolia Benth.		PROV: ch pa	000m: 0-1	RANGE: cr gua hon mex nic	shrub tree
obtusiflora Benth.		PROV: bo cc ch cn vr	000m: 0-1,1-2	RANGE: bol col cr ecu nic per sag?	herb
pectinata (L.) Poit.		PROV: ca cc ch da he lo pa vr	000m: 0-1,1-2	RANGE: nwt owt	herb
pulegioides Benth.		PROV: ca ch pa	000m: 0-1	RANGE: cag col sag ven	herb
recurvata Poit.		PROV: bo ca cc ch cn pa vr	000m: 0-1	RANGE: nwt per	herb
savannarum Briq.		PROV: pa	000m: 0-1	RANGE: col cr ecu gua per sal	herb
*sinuata Pohl		PROV: ch	000m: 1-2	RANGE: bol col cr gua hon mex sal sao sat ven	herb
*spicigera Lam.		PROV: pa vr	000m: 0-1	RANGE: afr asi nwt	herb
suaveolens (L.) Poit.		PROV: bo ca cc cc ch da he pa vr	000m: 0-1	RANGE: afr ang asi cag oce per sag wdt	herb
*urticoides H.B.K.		PROV: ch	000m: we	RANGE: cag	shrub
verticillata Jacq.		PROV: bo ca da pa sa	000m: 0-1	RANGE: nwt	herb subshrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
254 (169) LABIATAE cont.					
*vilis Kunth & Bouche		PROV: ch	000m: 1-2	RANGE: cr gua nic ven	subshrub herb
Lepechinia schiedeana (Schlecht.) Vatke		PROV: ch	000m: 0-1,1-2	RANGE: cag	herb
Marsypianthes chamaedrys (Vahl) Kuntze		PROV: ca cc ch cn lo pa vr	000m: 0-1	RANGE: ang cag mex per sag sao	herb
Ocimum					
*basilicum L.		intr. cult. nat.			
		PROV: da sa	000m: 0-1	RANGE: ang cag wdt	herb
*campechianum Mill.		PROV: bo ca da he lo pa sa	000m: 0-1	RANGE: nwt	herb
canum Sims		PROV: da	000m: 0-1	RANGE: nwt wdt	herb
gratissimum L.		PROV: vr	000m: 0-1	RANGE: afr asi cag sag	subshrub
Salvia					
alvajaca Oerst.		PROV: ch da	000m: 1-2	RANGE: cr	subshrub
*lasiocephala Hook. & Arn.		PROV: ca ch da he lo pa sa	000m: 0-1,1-2	RANGE: cag col mex ven	herb
*leucantha Cav.		cult. PROV: ch	000m: 2-3,3+	RANGE: cr hon mex	herb
longimarginata Briq.		PROV: ca cc ch da	000m: 0-1	RANGE: cag col ven	herb
membranacea Benth.		PROV: ch	000m: 0-1,1-2	RANGE: cag mex	herb
micrantha Vahl		PROV: cn pa	000m: 0-1	RANGE: ang fla	herb
occidentalis Sw.		PROV: ca cc ch cn da he lo pa vr	000m: 0-1	RANGE: nwt	herb
polystachya Ort.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag mex	herb
pteroura Briq.		PROV: cc ch	000m: 0-1	RANGE: cr gua sal	herb
trichopes Epling		PROV: ch	000m: 1-2	RANGE: end	subshrub herb
wagneriana Polak.		PROV: ch	000m: 1-2	RANGE: cr gua mex	subshrub herb
Scutellaria					
*costaricana Wendl.		PROV: cc	000m: 0-1	RANGE: cr	shrub
glabra Leonard		PROV: bo cc ch cn	000m: 0-1	RANGE: cr	subshrub
lewisiana Nowicke		PROV: ch vr	000m: 0-1	RANGE: end	shrub
*maxonii Leonard		PROV: ch vr	000m: 0-1,1-2	RANGE: end	herb
purpurascens Sw.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: col cr lag sao ven	herb
*uliginosa St. Hil.		PROV: cn pa	000m: 0-1	RANGE: sao	herb
*Solenostemon					
*scutellarioides (L.) Coll.		cult. PROV: ca cc pa	000m: 0-1,1-2	RANGE: asi	herb
Stachys					
costaricensis Briq.		PROV: ch	000m: 0-1	RANGE: cag cr mex	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
254 (169) LABIATAE cont.					
Teucrium vesicarium Mill.		PROV: bo cn	000m: 0-1	RANGE: nwt	herb
256 (170) SOLANACEAE					
Brachistus *nelsonii (Fern.) D'Arcy, Gentry & Averett		PROV: da	000m: we	RANGE: cag	shrub
stramoniifolius (Kunth) Miers		PROV: bo	000m: 0-1,1-2,2-3	RANGE: cr mex sal	shrub tree
Browallia americana L.		PROV: ca cc ch da pa	000m: 0-1,1-2	RANGE: col ecu per sao	herb
speciosa Hook.		PROV: ch	000m: 1-2,2-3	RANGE: sat	herb
Brugmansia candida Pers.		intr. cult. PROV: ch pa	000m: 0-1,1-2	RANGE: nwt sat	shrub tree
suaveolens (Willd.) Bercht. & Presl		intr. cult. PROV: ch pa	000m: 0-1	RANGE: ecu per	shrub tree
Brunfelsia chocoensis Plowman		PROV: da	000m: 0-1	RANGE: col	shrub
dwyeri D'Arcy		PROV: pa	000m: 0-1	RANGE: end	tree
undulata Sw.		intr. cult. PROV: lo pa	000m: 0-1	RANGE: jam	shrub tree
Capsicum annuum L.					
--var. annum		intr. cult. PROV: ca pa	000m: 0-1	RANGE: nwt	herb shrub
--var. aviculare (Dierb.) D'Arcy & Eshb.		PROV: bo ca cc ch da lo pa sa	000m: 0-1	RANGE: ang cag nag? sag?	herb shrub
chinense Jacq.		intr. cult. PROV: lo	000m: 0-1	RANGE: nao sag	shrub
frutescens L.		PROV: bo ca pa	000m: 0-1	RANGE: cag nag? sag? sao	shrub
Cestrum alternifolium (Jacq.) O.E. Schulz		PROV: ca ch pa vr	000m: 0-1	RANGE: ang cag col mex ven	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
256 (170) SOLANACEAE cont.					
chiriquianum Francey		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
costaricense Francey		PROV: vr	000m: 0-1	RANGE: cr	shrub
gracile Francey		PROV: vr	000m: we	RANGE: end	shrub
*jacaltenanginum Loesn.					
--var. tomentosum Francey		PROV: vr	000m: we	RANGE: end	shrub
johnniegentrianum D'Arcy		PROV: cc	000m: 0-1	RANGE: end	shrub
lanatum Mart. & Gal.		PROV: ch	000m: 1-2,2-3	RANGE: cag mex ven	tree
langeanum D'Arcy		PROV: cn	000m: 0-1	RANGE: end	shrub
latifolium Lam.		PROV: ca ch cn da lo	000m: 0-1	RANGE: ang cag? gui nic sag?	shrub
		pa sa vr		sao	tree
lewisii D'Arcy		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
					tree
megalophyllum Dun.		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: bol cag? gua lag per	shrub
		da lo vr		sao trt ven	tree
nocturnum L.		PROV: bo ca ch cn pa	000m: 0-1	RANGE: ang cag? jam	shrub
					tree
pittieri Francey		PROV: ch lo	000m: 0-1	RANGE: cr	shrub
					tree
racemosum R. & P.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: bel bol cag? cr per	shrub
		da pa		sao ven	tree
reflexum Sendt.		PROV: bo da	000m: 0-1	RANGE: bol cr ecu sao	shrub
					climber
rugulosum Francey		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
scandens Vahl		PROV: ca cc pa	000m: 0-1	RANGE: cag? gua ven	shrub
standleyi Francey		PROV: cc pa	000m: 0-1	RANGE: cr	shrub
					tree
strigilatum R. & P.		PROV: pa	000m: 0-1	RANGE: per sao	shrub
					tree
warszewiczii Kl.		PROV: ch	000m: 0-1	RANGE: cr	tree
*Cuatresia					
*riparia (H.B.K.) Hunz.		PROV: ch	000m: 1-2,2-3	RANGE: cag col	shrub
					tree
Cyphomandra					
allophylla (Miers) Hemsl.		PROV: ca da pa	000m: 0-1	RANGE: col cr nic	herb
*divaricata (Mart.) Sendt.		PROV: bo pa sa	000m: 0-1	RANGE: gua ven	tree
*dolichocarpa Bitt.		PROV: ch	000m: 2-3	RANGE: cr	tree
hartwegii (Miers) Walp.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: bol cag? col cr ecu	shrub
		da pa		hon sao trt	tree
Datura					
metel L.		intr. cult.			
		PROV: ch	000m: 0-1	RANGE: afr asi	shrub
stramonium L.		PROV: ca	000m: 0-1	RANGE: wdw	herb
Deprea					
orinocensis (Kunth) Raf.		PROV: bo ch	000m: 2-3	RANGE: cr ven	shrub
					herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
256 (170) SOLANACEAE cont.					
<i>Jaltomata procumbens</i> (Cav.) J.L. Gentry		PROV: bo cc ch	000m: 0-1,1-2,2-3	RANGE: cag? col mex ven	herb
<i>Juanulloa mexicana</i> (Schlecht.) Miers		PROV: bo ch	000m: 0-1	RANGE: cag? col cr gua mex	climber shrub
<i>Lycianthes acidochondra</i> (Bitt.) Bitt.		PROV: ca cc cn pa	000m: 0-1	RANGE: end	climber
<i>amatitlanensis</i> (Coult. & J.D. Sm.) Bitt.		PROV: da sa	000m: 0-1	RANGE: cag? ecu gua hon per	herb subshrub
<i>beckneriana</i> D'Arcy		PROV: ch	000m: 1-2	RANGE: end	tree
<i>escuintlensis</i> (Coult.) D'Arcy		PROV: bo ca cc ch da pa	000m: 0-1,1-2	RANGE: cr gua	herb shrub tree
<i>guianense</i> (Dun.) Bitt.		PROV: ca cc da pa sa vr	000m: 0-1,1-2	RANGE: col per sag? sao	climber shrub
<i>hawkesiana</i> D'Arcy		PROV: bo cc ch cn	000m: 0-1	RANGE: end	shrub
<i>howardiana</i> D'Arcy		PROV: pa	000m: 0-1	RANGE: end	shrub climber tree?
<i>hygrophila</i> Bitt.		PROV: ch	000m: 2-3	RANGE: end	climber
<i>luteynii</i> D'Arcy		PROV: ch	000m: 1-2	RANGE: end	shrub climber
<i>maxonii</i> Standl.		PROV: cn	000m: 0-1	RANGE: end	herb
--var. <i>grandidentata</i> D'Arcy		PROV: cn	000m: 0-1	RANGE: end	shrub
--var. <i>maxonii</i>		PROV: ca ch cn da pa	000m: 0-1,1-2	RANGE: cr nic	herb shrub
<i>porteriana</i> D'Arcy		PROV: bo	000m: 0-1	RANGE: end	shrub climber
* <i>sanctaeciae</i> (Greenm.) D'Arcy		PROV: pa sa	000m: 0-1	RANGE: cr	shrub
<i>synanthera</i> (Sendt.) Bitt.		PROV: bo ca cc ch cn pa sa vr	000m: 0-1	RANGE: cag gua mex	shrub tree
<i>tysoniana</i> D'Arcy		PROV: pa	000m: 0-1	RANGE: end	shrub climber
<i>Lycopersicon esculentum</i> Mill.		intr. cult. PROV: cc lo pa	000m: 0-1	RANGE: wdv	herb
<i>Markea crosbiana</i> D'Arcy		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>dressleri</i> D'Arcy		PROV: pa	000m: 0-1	RANGE: cr?	epiph shrub
<i>megalandra</i> (Dun.) D'Arcy		PROV: ch	000m: 1-2	RANGE: cag col cr mex ven	hemiep shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
256 (170) SOLANACEAE cont.					
<i>neurantha</i> Hemsl. <i>ulei</i> (Damm.) Cuatr.		PROV: bo ch vr PROV: ca cn da pa	000m: 1-2 000m: 0-1	RANGE: cr RANGE: cag? col per	shrub hemiep shrub
<i>Nicotiana</i> <i>tabacum</i> L.		intr. cult. PROV: ch pa	000m: 0-1,2-3	RANGE: wdw	herb
<i>Petunia</i> <i>violacea</i> Lindl.		intr. cult. PROV: pa	000m: 0-1	RANGE: sao	herb shrub
<i>Physalis</i> <i>angulata</i> L.		PROV: bo ca cc ch cn da he lo pa	000m: 0-1	RANGE: cag nag nao owg sag sao	herb
<i>cordata</i> Mill.		PROV: bo cc ch cn da lo pa	000m: 0-1,1-2	RANGE: cag gag lag mex	herb
<i>gracilis</i> Miers		PROV: bo	000m: 0-1	RANGE: cag mex	herb
<i>hirsuta</i> Dun.		PROV: da	000m: 0-1	RANGE: mex nao	herb
<i>ignota</i> Britt.		PROV: cc lo pa	000m: 0-1	RANGE: cag? cub gua	herb
<i>lagascae</i> R. & S.		PROV: ca cc pa	000m: 0-1	RANGE: bol cag nag	herb
<i>minuta</i> Griggs		PROV: lo	000m: 0-1	RANGE: cag mex	herb
<i>philadelphica</i> Lam.		PROV: ch	000m: 0-1,1-2	RANGE: ang cag? mex nag nao	herb
<i>pubescens</i> L.					
--var. <i>hygrophila</i> (Mart.) Dun.		PROV: da	000m: 0-1	RANGE: mex sao	herb
--var. <i>pubescens</i>		PROV: bo ca cc cn da lo pa	000m: 0-1	RANGE: cag nag? nao owg sag? sao	herb
<i>Rahowardiana</i> <i>wardiana</i> D'Arcy		PROV: cc sa	000m: 0-1	RANGE: end	shrub
<i>Schwenckia</i> <i>americana</i> L.		PROV: cc	000m: 0-1	RANGE: cag? cr	herb
<i>Solandra</i> <i>brachycalyx</i> Kuntze <i>grandiflora</i> Sw.		PROV: ch da intr. cult. PROV: ca cc pa	000m: 1-2,2-3 000m: 0-1	RANGE: cr gua	hemiepiphyte
<i>maxima</i> (Sesse & Moc.) P.S. Green		PROV: ch	000m: 1-2	RANGE: mex	herb shrub hemiep shrub
<i>Solanum</i> <i>accrescens</i> Standl. & Mort.		PROV: ca pa	000m: 0-1	RANGE: cr	shrub tree
* <i>acerifolium</i> Dun. <i>americanum</i> Mill.		PROV: ch PROV: bo ca cc ch cn da lo pa sa vr	000m: 1-2 000m: 0-1,1-2	RANGE: afr col cr hon sao RANGE: asi bah eur jam mex nao sao wdw	herb herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
256 (170) SOLANACEAE cont.					
anceps R. & P.		PROV: cc da sa	000m: 0-1,1-2	RANGE: ecu per sao	herb
*aphyodendron Knapp		PROV: ch	000m: 0-1,1-2,2-3	RANGE: cag col cr mex sat	shrub tree
arboreum Dun.		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: col cr mex per ven	shrub tree
argenteum Poir.		PROV: da lo pa sa			
		PROV: bo ca cc ch da	000m: 0-1,1-2	RANGE: col cr sao	shrub
		pa			
asperum Rich.		PROV: ca cc cn da pa	000m: 0-1	RANGE: bel cag? gui sag? sao	shrub tree
*brachystachys Dun.		PROV: ch	000m: 2-3	RANGE: cag mex	shrub
*candidum Lindl.		PROV: ch	000m: 1-2	RANGE: bel cag col cr ecu	herb
				gua gua mex nic per sal	shrub
				trt	
canense Rydb.		PROV: cc da pa	000m: 0-1	RANGE: cag? ecu gua ven	herb climber
caripense Dun.		PROV: ch	000m: 1-2,2-3	RANGE: cr per ven	herb climber
*chrysotrichum Schlecht.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: col cr	shrub tree
cordavense Sesse & Moc.		PROV: ch	000m: 1-2	RANGE: bel hon	shrub tree
*diodontum Bitt.		PROV: ch	000m: 1-2,2-3	RANGE: ven	herb
erianthum D. Don		PROV: wp	000m: 0-1	RANGE: ang cag? fla gui mex	shrub tree
				owg? ven	
erythrotrichum Fern.		PROV: ch	000m: 1-2	RANGE: gua	shrub
evolvulifolium Greenm.		PROV: bo ch	000m: 1-2,2-3	RANGE: col cr ecu?	epiph shrub climber
extensum Bitt.		PROV: ca pa sa	000m: 0-1	RANGE: col	shrub
fosbergianum D'Arcy		PROV: pa	000m: 0-1	RANGE: end	shrub tree
granelianum D'Arcy		PROV: da	000m: 1-2	RANGE: end	climber
hayesii Fern.		PROV: bo ca cc cn pa	000m: 0-1	RANGE: cag? nic per sag?	shrub tree
hazenii Britt.		PROV: ca cn da lo pa	000m: 0-1	RANGE: cag col mex trt	shrub tree
hirtum Vahl		PROV: ca da	000m: 0-1	RANGE: cag col gua mex nic	shrub tree
				trt	
imberbe Bitt.		PROV: ca cn da pa sa	000m: 0-1	RANGE: col ven	shrub
incomptum Bitt.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub tree
ipomoea Sendt.		PROV: ca	000m: 0-1	RANGE: sao	climber
jamaicense Mill.		PROV: ca da he pa sa	000m: 0-1	RANGE: ang cag fla jam mex	shrub
		vr		pr sag? sao	
lancaeifolium Jacq.		PROV: bo ca cc ch cn	000m: 0-1	RANGE: ang cag gua mex sag?	climber
		da he lo pa vr		sao trt	
*lanceolatum Cav.		PROV: ch cn	000m: 0-1,1-2	RANGE: cag? mex sag?	shrub tree
leucocarpum Dun.		PROV: da vr	000m: 0-1	RANGE: gui per sat	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
256 (170) SOLANACEAE cont.					
mamosum L.		intr. cult. PROV: ch da pa	000m: 0-1	RANGE: nwt	herb shrub
melongena L.		intr. cult. PROV: ca	000m: 0-1	RANGE: his owg	herb
microleprodes Bitt.		PROV: ch	000m: 0-1	RANGE: end	shrub
--var. felicis D'Arcy		PROV: bo ch da vr	000m: 0-1	RANGE: end	tree shrub
--var. microleprodes		PROV: ca ch da	000m: 0-1,1-2,3+	RANGE: bol cag? cal fla jam	tree herb
nigrescens Mart. & Gal.		PROV: ca cc ch pa vr	000m: 0-1,1-2	RANGE: mex nao sag? sao	shrub
nudum Dun.		PROV: ch	000m: 1-2	RANGE: gua his mex pr	tree
oxycarpum Schiede		PROV: ca cc ch lo pa	000m: 0-1	RANGE: cag mex	herb
pectinatum Dun.		PROV: ch	000m: 1-2	RANGE: col cr per	herb shrub
perattenuatum I.M. Johnst.		PROV: pa	000m: 0-1	RANGE: end	shrub
*pertenua Standl. & Morton		PROV: ch	000m: 1-2	RANGE: cr	shrub
phaseoloides Polak.		PROV: ch	000m: 1-2	RANGE: cag? cr gua	herb
*physalifolium Rusby					
*--var. nitidibaccatum (Bitt.) Edmonds		intr. nat. PROV: ch	000m: 2-3	RANGE: wdw	herb
pseudocapsicum L.		intr. cult. PROV: ch	000m: 1-2	RANGE: end	shrub
pulverulentum Pers.		PROV: ch	000m: 1-2	RANGE: cr sat	shrub tree
quitoense Lam.		intr. cult. nat. PROV: cc ch da pa	000m: 0-1,1-2	RANGE: col cr ecu per	herb shrub
*ramonense Morton & Standley		PROV: bo ch	000m: 0-1	RANGE: cr	shrub
roviosanum J.D. Sm.		PROV: bo pa	000m: 0-1	RANGE: cag col ecu gua mex	shrub tree
*rudepannum Dun.		PROV: ca cc ch cn da	000m: 0-1	RANGE: per	shrub
rugosum Dun.		he lo pa sa vr	000m: 0-1	RANGE: cag col mex	tree shrub
schlechtendalianum Walp.		PROV: bo ca cc cn da	000m: 0-1	RANGE: bel cag? gag lag sag?	shrub tree
seaforthianum Andr.		pa sa	000m: 0-1,1-2	RANGE: sao	tree
*sessiliflorum Dun.		PROV: bo ca cn da he	000m: 0-1,1-2	RANGE: ang bel cag? cub mex	shrub tree
siparunoides Ewan		lo pa	000m: 0-1,1-2	RANGE: sag?	climber
*stramonifolium Jacq.		PROV: ca ch lo pa	000m: 0-1,1-2	RANGE: ang	shrub
subinerme Jacq.		PROV: cc	000m: 0-1	RANGE: col cr ecu per sao	shrub
		PROV: ca pa	000m: 0-1	RANGE: sat	climber shrub
		PROV: bo	000m: 0-1	RANGE: col ecu gui per sat	tree?
		PROV: ca cc pa sa	000m: 0-1	RANGE: ven	shrub
				RANGE: ang cag gui mex sag?	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
256 (170) SOLANACEAE cont.					
torvum Sw.		PROV: bo ch he lo	000m: 0-1,1-2	RANGE: ang jam	shrub tree
trizygum Bitt.		PROV: bo ch	000m: 0-1,1-2,2-3	RANGE: cag? gua mex per sag? ven	herb
tuberosum L.		intr. cult.			
umbellatum Mill.		PROV: ch bo ca cc ch cn da he lo pa vr	000m: 1-2 000m: 0-1,1-2,2-3	RANGE: wdw RANGE: cag col cr gag mex	herb shrub tree
*vacciniiflorum Standl. & Mort.		PROV: ch	000m: 2-3,3+	RANGE: cr	shrub tree
*valerianum Mort. & Standl.		PROV: ch	000m: 0-1	RANGE: cr	shrub
wendlandii Hook. f.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	climber
woodsonii Corr.		PROV: ch	000m: 3+	RANGE: ven	herb
Witheringia					
asterotricha (Standl.) Hunz.		PROV: bo cc ch pa	000m: 0-1,1-2	RANGE: cr	herb shrub
bristaniana D'Arcy		PROV: da	000m: 0-1,1-2	RANGE: end	shrub
coccoloboides (Damm.) Hunz.		PROV: ch pa	000m: 0-1,1-2,2-3	RANGE: col cr	herb shrub
correana D'Arcy		PROV: cn sa	000m: 0-1	RANGE: cr	herb
cuneata (Standl.) Hunz.		PROV: bo ch	000m: 1-2	RANGE: cr nic ven	herb shrub
*exiguiflora D'Arcy		PROV: da pa sa	000m: 0-1,1-2	RANGE: cr	shrub
hunzikeri D'Arcy		PROV: cn	000m: 0-1	RANGE: end	herb subshrub
laxissima (Standl.) D'Arcy		PROV: ch	000m: 2-3	RANGE: end	shrub
maculata (Mort. & Standl.) Hunz.		PROV: bo ch	000m: 1-2	RANGE: cr	herb
*morii D'Arcy		PROV: ch	000m: 1-2	RANGE: cr	shrub
solanacea L'Her.		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1,1-2	RANGE: ang cag? col cr gua mex sag? sao	herb shrub tree
257 (171) SCROPHULARIACEAE					
Agalinis					
hispidula (Mart.) D'Arcy		PROV: cc vr	000m: 0-1	RANGE: bel cag gua sag sao	herb
Alectra					
aspera (Cham. & Schlecht.) L.O. Wms.		PROV: ca he pa	000m: 0-1	RANGE: ang cag gua sag? sao	herb
*Alonsoa					
*meridionalis (L. f.) Kuntze		PROV: ch	000m: 1-2,2-3	RANGE: cag cr sat	herb
Angelonia					
angustifolia Benth.		PROV: bo cc pa	000m: 0-1	RANGE: ang cag mex	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
257 (171) SCROPHULARIACEAE cont.					
<i>Bacopa</i>					
<i>axillaris</i> (Benth.) Standl.		PROV: ca pa	000m: 0-1	RANGE: col gua	herb
<i>bacopoides</i> (Benth.) Pulle		PROV: ca cc cn lo pa	000m: 0-1	RANGE: bel gua gui nic sao	herb
<i>laxiflora</i> (Benth.) Edwall		PROV: cc pa	000m: 0-1	RANGE: sao	herb
<i>monnieri</i> (L.) Penn.		PROV: bo ca ch cn pa sa	000m: 0-1	RANGE: jam sag	herb
<i>monnierioides</i> (Cham.) Rob.		PROV: ca cn pa sa vr	000m: 0-1	RANGE: cag? gua sag? sao	herb
<i>repens</i> (Sw.) Wettst.		PROV: cc da pa	000m: 0-1	RANGE: ang cag? col jam mex sag?	herb
<i>salzmannii</i> (Benth.) Edwall		PROV: bo ca cc ch cn pa vr	000m: 0-1,1-2	RANGE: ang cag col gui mex sao	herb
<i>sessiliflora</i> (Benth.) Pulle		PROV: ca cc cn lo pa	000m: 0-1	RANGE: cag col gua gui	herb
<i>Benjaminia</i>					
<i>reflexa</i> (Benth.) D'Arcy		PROV: pa	000m: 0-1	RANGE: cag cub sat	herb
<i>Buchnera</i>					
<i>pusilla</i> H.B.K.		PROV: ca cc ch cn he pa vr	000m: 0-1,1-2	RANGE: cag? cr ecu gua mex sag? sao	herb
<i>rosea</i> H.B.K.		PROV: ca pa	000m: 0-1	RANGE: col per sag?	herb
<i>weberbaueri</i> Diels		PROV: cc ch	000m: 0-1,1-2	RANGE: bel cag? per sag? trt	herb
<i>Calceolaria</i>					
<i>irazuensis</i> J.D. Sm.		PROV: ch	000m: 2-3,3+	RANGE: cr	herb
<i>mexicana</i> Benth.		PROV: bo ch	000m: 1-2,2-3	RANGE: bol cag col ecu gua mex per ven	herb
<i>perfoliata</i> L. f.		PROV: ch	000m: 1-2,2-3,3+	RANGE: col cr ecu	herb
<i>tripartita</i> R. & P.		PROV: ch	000m: 1-2,2-3,3+	RANGE: bol cag col ecu mex per sag sao	herb
<i>Capraria</i>					
<i>biflora</i> L.		PROV: bo ca pa sa	000m: 0-1	RANGE: ang cag fla owg sag sao	shrub
<i>peruviana</i> Benth.		PROV: pa	000m: 0-1	RANGE: col ecu per	shrub
<i>Castilleja</i>					
<i>arvensis</i> Schlecht. & Cham.		PROV: ch lo	000m: 0-1,1-2,2-3	RANGE: cag gua his mex nao	herb
<i>quirosii</i> Standl.		PROV: ch	000m: 1-2,2-3,3+	RANGE: sag cr	herb shrub
<i>Digitalis</i>					
<i>purpurea</i> L.		PROV: ch	000m: 2-3	RANGE: owg	herb
<i>Escobedia</i>					
<i>grandiflora</i> (L. f.) Kuntze		PROV: ch	000m: 1-2	RANGE: col cr mex per	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
257 (171) SCROPHULARIACEAE cont.					
Gibsoniothamnus					
alatus A. Gentry		PROV: bo ch da	000m: 0-1,1-2	RANGE: cr	shrub
cornutus (J.D. Sm.) A. Gentry					
--var. cornutus		PROV: ch pa	000m: 0-1,1-2	RANGE: cag col cr gua	shrub
--var. latidentatus (A. Gentry) D'Arcy		PROV: pa vr	000m: 0-1	RANGE: end	shrub
mirificus A. Gentry		PROV: cc cn	000m: 0-1	RANGE: end	shrub
*truncatus A. Gentry		PROV: cc	000m: 0-1	RANGE: end	epiph shrub
Lamourouxia					
gutierrezii Oerst.		PROV: ch	000m: 1-2	RANGE: cr	herb shrub
viscosa Kunth		PROV: cc ch vr	000m: 0-1,1-2	RANGE: cag mex	herb shrub
Leucocarpus					
perfoliatus (H.B.K.) Benth.		PROV: bo ch	000m: 1-2,2-3	RANGE: bol cag col gua mex sag? ven	herb shrub
Lindernia					
crustacea (L.) F. Muell.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1	RANGE: asi nwg owg	herb
diffusa (L.) Wettst.		PROV: bo ca cc ch cn pa sa vr	000m: 0-1	RANGE: ang nwt	herb
dubia (L.) Penn.		PROV: ca	000m: 0-1	RANGE: cag nag	herb
*--subsp. anagallidea (Michx.) Cooperrider		PROV: cc ch pa	000m: 0-1	RANGE: cag nag sag	herb
*Mazus					
*japonicus (Thunb.) Kuntze		PROV: ch	000m: 1-2	RANGE: cag nag	herb
Mecardonia					
procumbens (Mill.) Small		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: cag col ecu fla his mex per sag sao tex	herb
Micranthemum					
pilosum Ernst		PROV: ca cc he pa	000m: 0-1	RANGE: gua ven	herb
Russelia					
equisetiformis Schlecht. & Cham. intr. cult.		PROV: ca pa	000m: 0-1	RANGE: mex	herb
sarmentosa Jacq.		PROV: ca cc ch cn da he pa vr	000m: 0-1,1-2	RANGE: cag col gag gua mex	herb
Scoparia					
dulcis L.		PROV: bo ca cc ch da he lo pa sa vr	000m: 0-1	RANGE: jam nwt	herb shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

270

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
257 (171) SCROPHULARIACEAE cont.					
*Sibthorpia					
*repens (L.) Kuntze		PROV: ch	000m: 2-3	RANGE: cag sat	herb
Stemodia					
durantifolia (L.) Sw.		PROV: ca cc cn lo pa	000m: 0-1	RANGE: ang cag cal his nao	herb
jorullensis H.B.K.		PROV: bo ca cc cn da	000m: 0-1	RANGE: sag sao cag cr cub gag mex	herb
peduncularis Benth.		PROV: ch	000m: 1-2	RANGE: sag? cag mex	herb
reliquiarum D'Arcy		PROV: ch ch	000m: 2-3,2-3	RANGE: cr cr	subshrub herb
verticillata (Mill.) Hassl.		PROV: bo ca da lo pa	000m: 0-1	RANGE: ang cag col cr his	herb
		sa		mex sag sal sao	
Tetranema					
bicolor L.O. Wms.		PROV: cc vr	000m: 0-1	RANGE: nic	herb
Torenia					
fournieri Linden		PROV: ca	000m: 0-1	RANGE: asi	herb
thouarsii (Cham. & Schlecht.) Kuntze		PROV: bo	000m: 0-1	RANGE: asi cr per sag? trt	herb
				ven	
Veronica					
arvensis L.		PROV: ch	000m: 1-2,2-3	RANGE: eur	herb
peregrina L.		PROV: ch	000m: 1-2	RANGE: nwg owg	herb
*persica Poir.		PROV: ch	000m: 1-2,2-3	RANGE: cag eur mex nwg	herb
258 (172) BIGNONIACEAE					
Adenocalymma					
arthropetiolum A. Gentry		PROV: ca pa	000m: 0-1	RANGE: col	climber
*chocoensis A. Gentry		PROV: da	000m: 0-1	RANGE: col	climber
inundatum DC.		PROV: ca ch da lo pa	000m: 0-1	RANGE: cag col cr gua gui	climber
				lag? mex nic per sal sao	
				sat ven	
Amphilophium					
paniculatum (L.) H.B.K.		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: ang bel bol cag col	climber
		he lo pa sa vr		cr cr ecu gua gui hon	
				mex nic per sag sal sao	
				trt ven	
--var. molle (Schlecht. & Cham.) Standl.		PROV: wp	000m: 0-1	RANGE: bol col mex sat	climber
pannosum (DC.) Bur. & Schum.		PROV: cn da	000m: 0-1,1-2	RANGE: col cr ecu per sao	climber
				sat ven	



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

271

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
258 (172) BIGNONIACEAE cont.					
<i>Amphitecna</i>					
* <i>isthmica</i> (A. Gentry) A. Gentry		PROV: cc ch cn pa	000m: 0-1	RANGE: col cr	tree
* <i>kennedyi</i> (A. Gentry) A. Gentry		PROV: bo pa	000m: 0-1	RANGE: cr hon	tree
* <i>latifolia</i> (Mill.) A. Gentry		PROV: bo ca cn da lo pa sa vr	000m: 0-1	RANGE: ang bel cag col cr ecu fla gua gui hon mex sat trt ven	tree
* <i>parviflora</i> A. Gentry		PROV: ch	000m: 1-2	RANGE: end	shrub
* <i>sessilifolius</i> (J.D. Sm.) L.O. Wms.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub tree
* <i>spathicalyx</i> (A. Gentry) A. Gentry		PROV: pa	000m: 0-1	RANGE: end	tree
<i>Anemopaegma</i>					
<i>chrysanthum</i> Dugand		PROV: ca cc cn da pa	000m: 0-1,1-2	RANGE: cag col cr ecu mex	climber
<i>chrysoleucum</i> (Kunth) Sandw.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: bel cag col cr gua gui hon mex nic per sao ven	climber
<i>orbiculatum</i> (Jacq.) DC.		PROV: ca lo pa	000m: 0-1	RANGE: col cr nic ven	climber
<i>puberulum</i> (Seib.) Miranda		PROV: pa sa	000m: 0-1	RANGE: col ecu gua hon mex	climber
<i>santa-ritense</i> A. Gentry		PROV: cn da pa sa	000m: 0-1	RANGE: col	climber
<i>Arrabidaea</i>					
<i>candicans</i> (Rich.) DC.		PROV: ca cc ch cn da he pa vr	000m: 0-1	RANGE: bel cag? col cr ecu gua gui mex per sao ven	climber
<i>chica</i> (H. & B.) Verlot		PROV: bo ca cc ch da pa sa vr	000m: 0-1	RANGE: bel cag? col cr ecu gua hon mex per pr sag sao sao ven	climber
<i>conjugata</i> (Vell.) Mart.		PROV: ca da pa	000m: 0-1	RANGE: col cr gua gui per sao sat ven	climber
<i>corallina</i> (Jacq.) Sandw.		PROV: ca lo pa	000m: 0-1	RANGE: bel bol bol cag col cr ecu gui mex per sag sao sao ven	climber
<i>florida</i> DC.		PROV: ca da pa sa	000m: 0-1	RANGE: bel bol cag? col ecu mex nic per sag sao ven	climber
<i>mollissima</i> (Kunth) Bur. & Schum.		PROV: ca cc da pa vr	000m: 0-1	RANGE: col cr gua mex nic sal ven	climber
<i>oxycarpa</i> Urb.		PROV: ca	000m: 0-1	RANGE: col ven	climber
<i>patellifera</i> (Schlecht.) Sandw.		PROV: ca ch da he pa vr	000m: 0-1	RANGE: bel bol cag col cr gua gui hon mex nic per sal sao sat trt ven	climber
<i>pubescens</i> (L.) A. Gentry		PROV: ca cc da pa	000m: 0-1	RANGE: bel cag col ecu gua mex per sao trt ven	climber
* <i>verrucosa</i> (Standl.) A. Gentry		PROV: ca ch cn da pa sa vr	000m: 0-1,2-3	RANGE: bel bol col cr gua hon mex nic per sao sat ven	climber
<i>Callichlamys</i>					
<i>latifolia</i> (L. Rich.) K. Schum.		PROV: bo ca cn da pa sa vr	000m: 0-1	RANGE: bel cag col cr ecu gua gui hon mex nic per	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
	258 (172) BIGNONIACEAE cont.				
				sao ven	
<i>Ceratophytum tetragonolobum</i> (Jacq.) Sprague & Sandw.		PROV: ca da pa sa	000m: 0-1	RANGE: bel cag cr ecu gui hon mex nic per sao sat trt ven	climber
<i>Clytostoma binatum</i> (Thunb.) Sandw.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: bel bol bol cag col cr ecu gua gui hon mex sao sat trt ven	climber
<i>Crescentia alata</i> H.B.K.	intr. cult.	PROV: ch	000m: 0-1	RANGE: cag cr gua hon mex nic sal	tree
<i>cujete</i> L.	cult.	PROV: bo ca ch da lo pa sa	000m: 0-1	RANGE: abc ang cag col cub ecu mex nic per sao	tree
<i>Cuspidaria floribunda</i> (DC.) A. Gentry		PROV: da	000m: 0-1	RANGE: bol col per sao	climber
<i>Cydista aequinoctialis</i> (L.) Miers		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: ang ang bel col cr ecu gua gui hon mex nic per sal sao sat trt ven	climber
*--var. <i>hirtella</i> (Benth.) A. Gentry		PROV: da vr	000m: 0-1	RANGE: cag col mex	climber
<i>diversifolia</i> (H.B.K.) Miers		PROV: ca pa	000m: 0-1	RANGE: ang bel cag col cr cub cub gua hon mex nic sal sat ven	climber
<i>heterophylla</i> Seib.		PROV: ca da he pa	000m: 0-1	RANGE: bel cag col cr gua hon mex nic	climber
<i>Distictella magnoliifolia</i> (H.B.K.) Sandw.		PROV: ca cn da	000m: 0-1	RANGE: col cr gua gui per sao sat ven	climber
<i>Godmania aesculifolia</i> (H.B.K.) Standl.		PROV: ca he pa vr	000m: 0-1	RANGE: bel bol cag col cr gua hon mex nic per sal sao ven	tree
<i>Haplophragma adenophyllum</i> (G. Don) Dop	intr. cult.	PROV: ca	000m: 0-1	RANGE: asi	tree
<i>Jacaranda caucana</i> Pitt.					



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
258 (172) BIGNONIACEAE cont.					
--subsp. sandwithiana A. Gentry					
copaia (Aubl.) D. Don					
*--subsp. spectabilis (DC.) A. Gentry					
mimosifolia D. Don					
Kigelia					
*africana (Lam.) Benth.					
Lundia					
corymbifera (Vahl) Sandw.					
puberula Pitt.					
Macfadyena					
uncata (Andr.) Sprague & Sandw.					
unguis-cati (L.) A. Gentry					
*Mansoa					
*hymenaea (DC.) A. Gentry					
*kerere (Aubl.) A. Gentry					
*parvifolia (A. Gentry) A. Gentry					
*standleyi (Steyerm.) A. Gentry					
*verrucifera (Schlecht.) A. Gentry					
Martinella					
obovata (H.B.K.) Bur. & K. Schum.					



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

274

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
258 (172) BIGNONIACEAE cont.					
<i>Mussatia</i> <i>hyacinthina</i> (Standl.) Sandw.		PROV: bo cn da pa vr	000m: 0-1	RANGE: bel bol cag col cr ecu gua gui mex nic per sao sat ven	climber
<i>Paragonia</i> <i>pyramidata</i> (L. Rich.) Bur.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: bel bol cag col cr ecu gua gui hon mex nic sao sao sat trt ven	climber
<i>Parmentiera</i> <i>aculeata</i> (H.B.K.) Seem.	cult.	PROV: ca	000m: 0-1	RANGE: cag mex wdt	tree
<i>cereifera</i> Seem.	cult.	PROV: ca	000m: 0-1	RANGE: end	tree
* <i>dressleri</i> A. Gentry		PROV: cn pa	000m: 0-1	RANGE: end	tree
<i>macrophylla</i> Standl.		PROV: bo cc	000m: 0-1	RANGE: cr	tree
* <i>morii</i> A. Gentry		PROV: pa	000m: 0-1	RANGE: end	tree
<i>Phryganocydia</i> <i>corymbosa</i> K. Schum.		PROV: ca cc cn da pa sa	000m: 0-1	RANGE: ang? bol col cr ecu per sao trt ven	climber
<i>phellosperma</i> (Hemsl.) Sandw.		PROV: ca da pa	000m: 0-1	RANGE: col cr	climber
<i>Pithecoctenium</i> * <i>crucigerum</i> (L.) A. Gentry		PROV: bo ca ch cn da pa sa vr	000m: 0-1	RANGE: bol cag? col mex sag? sao sao ven	climber
<i>Pleonotoma</i> <i>variabilis</i> (Jacq.) Miers		PROV: bo ca da lo pa sa	000m: 0-1	RANGE: cr gua per trt ven	climber
<i>Podranea</i> <i>ricolasiana</i> (Tanfani) Sprague	intr. cult.	PROV: ch	000m: 0-1	RANGE: afr	climber shrub
<i>Pyrostegia</i> <i>venusta</i> (Ker.) Miers	intr. cult.	PROV: ch	000m: 0-1	RANGE: bol cr sag sao	climber
<i>Saritaea</i> <i>magnifica</i> (van Steenis) Dugand	intr. cult.	PROV: ca	000m: 0-1	RANGE: col ecu	climber
<i>Schlegelia</i> * <i>brachyantha</i> Griseb.		PROV: ch	000m: 2-3	RANGE: ang ven	woody hemiep climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
258 (172) BIGNONIACEAE cont.					
<i>dressleri</i> A. Gentry		PROV: pa	000m: 0-1	RANGE: col	climber
<i>fastigiata</i> Schery		PROV: bo cc da pa sa vr	000m: 0-1	RANGE: cag? col ecu ecu gua sag?	woody climber
<i>fuscata</i> A. Gentry		PROV: cn da pa	000m: 1-2	RANGE: cr nic	climber
<i>nicaraguensis</i> Standl.		PROV: bo cn pa	000m: 0-1	RANGE: cr gua mex nic	climber
<i>parviflora</i> (Oerst.) Monachino		PROV: bo cn da pa sa	000m: 0-1,1-2	RANGE: bel bel cag cr gua hon nic per sao sat	climber
<i>Spathodea</i>					
<i>campanulata</i> Beauvois	cult.	PROV: ca	000m: 0-1	RANGE: afr	tree
<i>Stizophyllum</i>					
<i>inaequilaterum</i> Bur. & K. Schum.	cult.	PROV: ca cn da pa sa	000m: 0-1,1-2	RANGE: bol col cr ecu per ven	climber
<i>riparium</i> (H.B.K.) Sandw.		PROV: bo ca ch cn da pa sa vr	000m: 0-1	RANGE: bel bol cag? col cr ecu gua gua hon mex nic per sal sat trt ven	climber
<i>Tabebuia</i>					
<i>chrysantha</i> (Jacq.) Nichols.		PROV: ca cc ch cn da pa vr	000m: 0-1	RANGE: bel col cr ecu gua hon jam mex nic per sal trt ven	tree
<i>guayacan</i> (Seem.) Hemsl.		PROV: ca ch cn da pa	000m: 0-1	RANGE: bel cag col cr gua mex ven	tree
<i>*heterophylla</i> (DC.) Britt. intr. cult.		PROV: ca	000m: 0-1	RANGE: ang	shrub tree
<i>impetiginosa</i> (DC.) Standl.		PROV: da pa	000m: 0-1	RANGE: bol cag col cr gua mex nic per sag sal sao ven	tree
<i>ochracea</i> (Cham.) Standl.					
--subsp. <i>neochrysantha</i> (A. Gentry) A. Gentry		PROV: ca cc da he pa vr	000m: 0-1	RANGE: cag? col cr hon nic sal trt ven	tree
<i>palustris</i> Hemsl.		PROV: ca cc da pa	000m: 0-1	RANGE: col cr ecu	shrub tree
<i>rosea</i> (Bertol.) DC.		PROV: bo ca cc ch da he pa sa vr	000m: 0-1	RANGE: bel cag col cr ecu gua hon mex nic sal ven	tree
<i>striata</i> A. Gentry		PROV: sa	000m: 0-1	RANGE: col	tree
<i>Tanaecium</i>					
<i>nocturnum</i> (Barb. Rodr.) Bur. & K. Schum.		PROV: da	000m: 0-1	RANGE: col gui per sao	climber
<i>Tecoma</i>					
<i>stans</i> H.B.K.	intr. cult.	PROV: ca cc ch cn da lo pa	000m: 0-1	RANGE: ang ang cag col cr ecu fla gua hon mex nao nic per sag sal sao tex trt ven	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
258 (172) BIGNONIACEAE cont.					
<i>Tecomaria capensis</i> (Thunb.) Spach		intr. cult. PROV: pa	000m: 0-1,1-2	RANGE: afr cr	shrub subshrub
<i>Tourrettia lappacea</i> (L'Her.) Willd.		PROV: ch	000m: 0-1,1-2	RANGE: bol cag col cr ecu gua hon mex nic per sao sat ven	climber
<i>Tynanthus croatianus</i> A. Gentry		PROV: ca da pa	000m: 0-1	RANGE: col	climber
* <i>macranthus</i> L.O. Wms.		PROV: vr	000m: 0-1	RANGE: cr	climber
<i>Xylophragma seemannianum</i> (Kuntze) Sandw.		PROV: ca cc ch da he pa vr	000m: 0-1	RANGE: bel cag col cr gua gui gui mex nic sal sat ven	climber
259 (173) PEDALIACEAE					
<i>Sesamum indicum</i> L.		intr. cult. PROV: lo pa	000m: 0-1	RANGE: ang owt sat	herb
261 (174) OROBANCHACEAE					
<i>Conopholis alpina</i> Liebm.		PROV: ch	000m: 1-2,2-3	RANGE: mex	herb
--var. <i>alpina</i>		PROV: ca ch	000m: 0-1,2-3	RANGE: cag mex	herb
* <i>americana</i> (L.) Wall. f.					
262 (175) GESNERIACEAE					
<i>Achimenes candida</i> Lindl.		PROV: ch	000m: 1-2	RANGE: cr gua mex	herb
* <i>erecta</i> (Lam.) H.P. Fuchs		PROV: pa	000m: 0-1,1-2	RANGE: cag	herb
<i>longiflora</i> DC.		PROV: cc ch lo pa	000m: 0-1	RANGE: cag cr mex	herb
<i>pedunculata</i> Benth.		PROV: ch	000m: 1-2	RANGE: cag col gua mex	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
262 (175) GESNERIACEAE cont.					
<i>Alloplectus</i>					
<i>ambonensis</i> L. Skog		PROV: bo ch	000m: 1-2,2-3	RANGE: end	subshrub
<i>ichthyoderma</i> Hanst.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr	herb shrub
<i>medusaeus</i> L. Skog		PROV: bo cc ch da pa	000m: 1-2,2-3	RANGE: cr	terr epiph herb
<i>panamensis</i> Mort.		PROV: bo cc da pa vr	000m: 0-1,1-2	RANGE: col cr	herb shrub
<i>pycnosuzygius</i> (J.D. Sm.) Mort.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	shrub
<i>tetragonus</i> (Hanst.) Hanst.		PROV: bo ch pa vr	000m: 0-1,1-2	RANGE: cag cr	herb shrub
<i>Besleria</i>					
<i>arborescens</i> Mort.		PROV: bo	000m: 0-1	RANGE: end	tree
<i>barbensis</i> Hanst.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	herb
<i>calycina</i> L. Skog		PROV: ch	000m: 1-2	RANGE: end	subshrub
* <i>chiriquensis</i> Wiehl.		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>formicaria</i> Nowicke		PROV: bo cc lo pa sa vr	000m: 0-1	RANGE: end	shrub
<i>formosa</i> Mort.		PROV: bo ch vr	000m: 1-2,2-3	RANGE: cr	herb shrub
<i>hirsuta</i> (Oerst.) Hanst.		PROV: ch da	000m: 1-2	RANGE: cr mex	shrub
<i>laxiflora</i> Benth.		PROV: bo ca cc ch da pa	000m: 0-1,1-2	RANGE: cag col gui mex sao ven	shrub herb
<i>notabilis</i> Mort.		PROV: bo cc vr	000m: 0-1,1-2	RANGE: cr	shrub
<i>pauciflora</i> Rusby		PROV: bo cc cn da sa vr	000m: 0-1	RANGE: bol per sag?	herb shrub
<i>princeps</i> Hanst.		PROV: ch	000m: 2-3	RANGE: cr	herb
<i>rara</i> L. Skog		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>robusta</i> J.D. Sm.		PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: cr	shrub
<i>solanoides</i> H.B.K.		PROV: bo cc ch da pa vr	000m: 0-1,1-2,2-3	RANGE: cag? col cr hon per	herb shrub tree
<i>stricta</i> L. Skog		PROV: da pa sa	000m: 0-1,1-2	RANGE: cag	herb shrub
<i>tambensis</i> Mort.		PROV: da pa	000m: 0-1	RANGE: col	shrub
* <i>trichostegia</i> J.D. Sm.		PROV: cc cn	000m: 0-1	RANGE: wr	shrub
<i>Capanea</i>					
<i>grandiflora</i> Planch.		PROV: bo ch	000m: 1-2,2-3	RANGE: cag col cr ecu gua ven	herb shrub
<i>Chrysothemis</i>					
<i>friedrichsthaliana</i> (Hanst.) H.E. Moore		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: cag col ecu gua nic sag?	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
262 (175) GESNERIACEAE cont.					
<i>pulchella</i> (Sims) Decne.		PROV: bo ca ch cn da lo pa sa vr	000m: 0-1	RANGE: ang col gui sao	herb
<i>Codonanthe</i>					
<i>chiricana</i> Wiehl.		PROV: ch	000m: 1-2	RANGE: end	herb
<i>crassifolia</i> (Focke) Mort.		PROV: bo ca cc cn da pa vr	000m: 0-1, 1-2	RANGE: cag gui per sao trt ven	herb subshrub
<i>luteola</i> Wiehl.		PROV: pa	000m: 0-1	RANGE: end	herb
<i>macradenia</i> J.D. Sm.		PROV: ca ch cn pa sa vr	000m: 0-1	RANGE: cr	herb
<i>uleana</i> Fritsch		PROV: ca cn pa sa	000m: 0-1	RANGE: bol cag col gua mex per sao	subshrub shrub subshrub
<i>Columnea</i>					
<i>allenii</i> Mort.		PROV: cc	000m: 0-1	RANGE: end	herb
<i>ampliata</i> (Wiehl.) L. Skog		PROV: vr	000m: 0-1	RANGE: end	herb
<i>angustata</i> (Wiehl.) L. Skog		PROV: da vr	000m: 0-1	RANGE: col cr	subshrub subshrub shrub
<i>anisophylla</i> DC.		PROV: ch	000m: 1-2, 2-3	RANGE: cr per sag?	herb
<i>arguta</i> Mort.		PROV: cc cn da pa vr	000m: 0-1	RANGE: end	herb
<i>billbergiana</i> Beurl.		PROV: ca cc cn da pa vr	000m: 0-1, 1-2	RANGE: end	herb
<i>calotricha</i> J.D. Sm. cult.		PROV: da vr	000m: 0-1	RANGE: cr gua gui	subshrub herb
<i>canarina</i> Wiehl. cult.		PROV: bo ch	000m: 0-1	RANGE: end	shrub herb
<i>cerropirrana</i> (Wiehl.) L. Skog		PROV: da	000m: 0-1, 1-2	RANGE: end	subshrub subshrub herb
<i>consanguinea</i> Hanst.					
--var. <i>adpressa</i> Morley		PROV: bo ch	000m: 1-2, 2-3	RANGE: end	herb
--var. <i>darienensis</i> (Mort.) Morley		PROV: da	000m: 0-1, 1-2, 2-3, 3+	RANGE: end	subshrub herb
<i>crassa</i> Mort.		PROV: cc pa vr	000m: 0-1	RANGE: end	shrub herb
<i>cruenta</i> Morley		PROV: pa	000m: 0-1	RANGE: end	shrub herb
<i>dissimilis</i> Mort.		PROV: cc cn pa	000m: 0-1	RANGE: end	shrub herb
<i>dressleri</i> Wiehl.		PROV: ch vr	000m: 0-1, 1-2	RANGE: end	subshrub
<i>flaccida</i> Seem.		PROV: ch	000m: 2-3	RANGE: end	subshrub
<i>florida</i> Mort.		PROV: ch da pa	000m: 0-1, 1-2	RANGE: cr	herb herb
<i>gallicauda</i> Wiehl.		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>hiantiflora</i> Wiehl.		PROV: ch	000m: 1-2	RANGE: end	subshrub herb
<i>hirsutissima</i> Mort.		PROV: cc ch pa vr	000m: 0-1	RANGE: end	subshrub herb subshrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

279

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
262 (175) GESNERIACEAE cont.					
hirta Kl. & Hanst.					
--var. hirta		PROV: vr	000m: we	RANGE: cr	herb
--var. mortonii (Raymond) Morley					
	cult.	PROV: wp	000m: we	RANGE: wr	herb
illepida Moore	cult.	PROV: pa	000m: 0-1	RANGE: wr	herb
incarnata Mort.		PROV: bo ch	000m: 0-1, 1-2, 2-3	RANGE: end	herb
kahlbreyeriana Mast.		PROV: cc da pa vr	000m: 0-1, 1-2	RANGE: col	herb
maculata Mort.		PROV: bo cc ch pa vr	000m: 0-1, 1-2	RANGE: end	shrub
magnifica Oerst.		PROV: ch	000m: 2-3	RANGE: cr	shrub
microcalyx Hanst.		PROV: cc ch da vr	000m: 0-1, 1-2, 2-3	RANGE: cr	epiph
mira Morley		PROV: da pa	000m: 0-1, 1-2	RANGE: end	herb
moorei Mort.		PROV: cn pa	000m: 0-1	RANGE: end	shrub
nervosa (Oerst.) Hanst.		PROV: vr	000m: we	RANGE: cr	herb
nicaraguensis Oerst.		PROV: bo	000m: 0-1	RANGE: cr	herb
ochroleuca (Oerst.) Hanst.		PROV: vr	000m: we	RANGE: cr	shrub
oerstediana Oerst.		PROV: vr	000m: 0-1	RANGE: cr	herb
oxyphylla J.D. Sm.		PROV: cc	000m: 0-1	RANGE: cr	sag
panamensis Mort.		PROV: ch	000m: 1-2, 2-3	RANGE: cr	sao
parviflora Mort.		PROV: cc da pa vr	000m: 0-1	RANGE: col	herb
pectinata Mort.		PROV: cc	000m: 0-1	RANGE: end	shrub
pendula (Oerst.) Hanst.		PROV: vr	000m: we	RANGE: cr	subshrub
perpulchra Mort.		PROV: cc cn vr	000m: 0-1	RANGE: end	herb
polyantha (Wiehl.) L. Skog		PROV: ch	000m: 1-2, 2-3, 3+	RANGE: cr	herb
pulchra (Wiehl.) L. Skog		PROV: pa	000m: 0-1	RANGE: end	shrub
purpurata Hanst.		PROV: bo ca ch cn da	000m: 0-1, 1-2	RANGE: cr	herb
rubida (Mort.) Mort.		PROV: pa			shrub
rubra Mort.		PROV: ch	000m: 1-2	RANGE: end	herb
		PROV: cc pa vr	000m: 0-1, 1-2	RANGE: end	herb
sanguinolenta (Oerst.) Hanst.		PROV: bo	000m: 0-1	RANGE: cr	shrub
segregata Morley		PROV: ch	000m: 0-1	RANGE: cr	herb
serrata (Oerst.) Hanst.		PROV: vr	000m: we	RANGE: cr	herb
silvarum Mort.		PROV: da	000m: 0-1, 1-2	RANGE: end	herb
tenuis Oerst.		PROV: bo ch	000m: 1-2, 2-3	RANGE: end	shrub
tulae Urb.					herb
--var. tomentulosa (Mort.) Morley		PROV: bo	000m: 0-1	RANGE: cr	herb
				nic	



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

280

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
262 (175) GESNERIACEAE cont.					
vittata (Wiehl.) L. Skog	cult.	PROV: ch	000m: 1-2	RANGE: end	herb
*zebranelia Wiehl.		PROV: pa	000m: 0-1	RANGE: end	subshrub epiph
zebrina Raymond		PROV: cc cn da pa sa	000m: 0-1,1-2	RANGE: end	herb shrub
Cremosperma					
maculatum L. Skog		PROV: ch	000m: 1-2	RANGE: end	herb
*occidentale Wiehl.		PROV: ch	000m: 1-2	RANGE: end	epiph herb
veraguanum Wiehl.		PROV: bo cc vr	000m: 0-1	RANGE: end	terr epiph herb
Diastema					
hispidum (DC.) Fritsch		PROV: vr	000m: 0-1	RANGE: col cr per	herb
racemiferum Benth.		PROV: ca cc da pa	000m: 0-1	RANGE: cag ecu mex ven	herb
scabrum Walp.		PROV: cc vr	000m: 0-1	RANGE: per	herb
Drymonia					
aciculata Wiehl.		PROV: pa	000m: 0-1	RANGE: end	shrub climber
alloplectoides Hanst.		PROV: bo cc cn da pa sa	000m: 0-1	RANGE: cr	herb subshrub climber
conchocalyx Hanst.		PROV: bo cc ch vr	000m: 0-1,1-2	RANGE: cr	shrub climber
*coriacea (Hanst.) Wiehl.		PROV: bo da vr	000m: 0-1	RANGE: cr per	epiph shrub
flavida L. Skog		PROV: da	000m: 0-1	RANGE: end	shrub
folsomii L. Skog		PROV: ch	000m: 1-2	RANGE: cr	subshrub
lanceolata (Hanst.) Mort.		PROV: bo ch vr	000m: 1-2,2-3	RANGE: cr	herb subshrub
macrantha (J.D. Sm.) D. Gibson		PROV: ch	000m: 1-2	RANGE: cag cr gua mex	shrub
macrophylla (Oerst.) H.E. Moore		PROV: bo cc cn pa vr	000m: 0-1	RANGE: bel cag? cr gua per sag?	herb shrub climber
*microphylla Wiehl.		PROV: pa	000m: 0-1,1-2	RANGE: end	climber
multiflora (Hanst.) Wiehl.		PROV: bo cc pa sa vr	000m: 0-1	RANGE: cr	climber shrub
parviflora Hanst.		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb subshrub shrub
*pilifera Wiehl.		PROV: bo cc vr	000m: 0-1	RANGE: cr	epiph climber
rubra Mort.		PROV: bo cc ch vr	000m: 0-1,1-2,2-3	RANGE: cr	shrub climber
serrulata (Jacq.) Mart.		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1,1-2	RANGE: cag? col lag mex sag? sao	herb shrub climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

281

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
262 (175) GESNERIACEAE cont.					
<i>stenophylla</i> (J.D. Sm.) H.E. Moore		PROV: ch	000m: 0-1,1-2	RANGE: cr	shrub
<i>sulphurea</i> Wiehl.		PROV: pa	000m: 0-1	RANGE: end	herb
<i>turrialvae</i> Hanst.		PROV: bo cc ch da vr	000m: 0-1,1-2	RANGE: cr ecu	subshrub herb
<i>variegata</i> Uribe		PROV: da	000m: 1-2	RANGE: col	shrub herb
<i>warscewicziana</i> Hanst.		PROV: bo cc cn da vr	000m: 0-1,1-2	RANGE: cr	shrub herb shrub climber
<i>Episcia</i>					
<i>cupreata</i> (Hook.) Hanst.		intr. cult.			
<i>lilacina</i> Hanst.		PROV: ca pa bo ca da pa sa vr	000m: 0-1 000m: 0-1	RANGE: col sao ven RANGE: col cr nic	herb herb
<i>Gasteranthus</i>					
<i>acropodus</i> (J.D. Sm.) Wiehl.		PROV: bo cc cn pa sa	000m: 0-1	RANGE: cr	subshrub shrub
<i>delphinioides</i> (Seem.) Wiehl.		PROV: cn da pa sa vr	000m: 0-1	RANGE: col cr	herb shrub
<i>dressleri</i> Wiehl.		PROV: cn	000m: 0-1	RANGE: end	herb
<i>imbricans</i> (J.D. Sm.) Wiehl.		PROV: bo	000m: 0-1	RANGE: cr	subshrub shrub
* <i>maculatus</i> Wiehl.		PROV: da	000m: 1-2	RANGE: end	terr herb
* <i>tinctus</i> (Mort.) Wiehl.		PROV: da	000m: 1-2	RANGE: col	herb
<i>wendlandianus</i> (Hanst.) Wiehl.		PROV: bo ch da vr	000m: 0-1,1-2,2-3	RANGE: cr	herb
<i>Gloxinia</i>					
<i>perennis</i> (L.) Fritsch		intr. cult. nat. PROV: ca pa	000m: 0-1	RANGE: col per ven	herb
<i>Koellikeria</i>					
<i>erinoides</i> (DC.) Mansf.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: bol col cr ven	herb
<i>Kohleria</i>					
<i>allenii</i> Standl. & L.O. Wms.		PROV: ch	000m: 0-1	RANGE: cr	herb
<i>spicata</i> (Kunth) Oerst.		PROV: bo cc ch vr	000m: 0-1,1-2	RANGE: cag col cr mex	herb
<i>tubiflora</i> (Cav.) Hanst.		PROV: ca cc cn da lo pa sa vr	000m: 0-1	RANGE: col cr ven	herb shrub
<i>Monopyle</i>					
* <i>grandiflora</i> Wiehl.		PROV: da	000m: 1-2	RANGE: end	terr herb
<i>macrocarpa</i> Benth.		PROV: cc da pa sa	000m: 0-1	RANGE: col per	herb subshrub
<i>maxonii</i> Mort.		PROV: bo ch vr	000m: 0-1,1-2	RANGE: cr	shrub herb shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

282

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
262 (175) GESNERIACEAE cont.					
panamensis Mort.		PROV: pa	000m: 0-1	RANGE: end	herb
Moussonia					
ampla L. Skog		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub
serrulata (Mort.) Wiehl.		PROV: ch	000m: 1-2,2-3	RANGE: end	subshrub shrub
Napeanthus					
apodemus J.D. Sm.		PROV: ca cc cn da pa sa vr	000m: 0-1	RANGE: col cr	herb
Nautilocalyx					
colombianus Wiehl.		PROV: ca cn da sa	000m: 0-1	RANGE: col	herb shrub
*colonensis Wiehl.		PROV: cn	000m: 0-1	RANGE: end	herb
dressleri Wiehl.		PROV: cc vr	000m: 0-1	RANGE: end	herb
panamensis (Seem.) Seem.		PROV: ca da pa	000m: 0-1	RANGE: col mex	herb
*speciosus Wiehl.		PROV: bo	000m: 0-1	RANGE: end	herb
Neomortonia					
*nummularia (Hanst.) Wiehl.		PROV: ch cn	000m: 0-1	RANGE: cr gua mex	epiph herb
rosea Wiehl.		PROV: da pa	000m: 0-1	RANGE: col cr	herb
Oerstedina					
carricola Wiehl.		PROV: bo ch	000m: 1-2,2-3	RANGE: end	herb
suffrutescens L. Skog		PROV: vr	000m: 0-1,1-2	RANGE: end	subshrub subshrub
Paradrymonia					
*alba Wiehl.		PROV: bo	000m: 0-1	RANGE: end	epiph herb
decurrens (Mort.) Wiehl.		PROV: bo cc cn pa vr	000m: 0-1	RANGE: cr	herb subshrub
*flava Wiehl.		PROV: cc cn da pa vr	000m: 0-1	RANGE: end	epiphyte
hirta L. Skog		PROV: da	000m: 0-1	RANGE: col	herb
lineata (Mort.) Wiehl.		PROV: cc vr	000m: 0-1	RANGE: end	subshrub herb
*macrophylla Wiehl.		PROV: cc ch vr	000m: 0-1,1-2	RANGE: end	subshrub epiph
metamorphophylla (J.D. Sm.) Wiehl.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	herb
ommata L. Skog		PROV: bo	000m: 0-1	RANGE: end	subshrub herb
pedunculata L. Skog		PROV: da	000m: 0-1	RANGE: cag	subshrub herb
Phinaea					
albiflora Rusby		PROV: ch	000m: 1-2	RANGE: col	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

283

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
262 (175) GESNERIACEAE cont.					
<i>Iacerata</i> Mort.		PROV: ch vr	000m: 0-1,1-2,2-3	RANGE: cr	herb
<i>Reldia</i>					
<i>alternifolia</i> Wiehl.		PROV: cn pa sa	000m: 0-1	RANGE: end	herb
<i>veraguensis</i> Wiehl.		PROV: bo cc vr	000m: 0-1	RANGE: end	herb
<i>Rufodorsia</i>					
<i>intermedia</i> Wiehl.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: end	herb subshrub
<i>major</i> Wiehl.		PROV: pa	000m: 0-1,1-2	RANGE: end	herb shrub
<i>minor</i> Wiehl.		PROV: cc cn pa vr	000m: 0-1	RANGE: cr	herb
<i>Sinningia</i>					
<i>incarnata</i> (Aubl.) Denham		PROV: ca cc pa	000m: 0-1	RANGE: cag col gui mex sao ven	herb
<i>Solenophora</i>					
<i>calycosa</i> J.D. Sm.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr gua hon sal	herb shrub tree
264 (176) LENTIBULARIACEAE					
<i>Pinguicula</i>					
<i>crenatiloba</i> DC.		PROV: ch pa vr	000m: 0-1,1-2	RANGE: gua hon mex sal	herb
<i>Utricularia</i>					
<i>alpina</i> Jacq.		PROV: pa	000m: 0-1	RANGE: ang col gui nic ven	herb
<i>amethystina</i> St. Hil. & Girard		PROV: cc ch da pa vr	000m: 0-1,1-2	RANGE: cag? fla sag? sao	herb
<i>endresii</i> Rchb. f.		PROV: ch da pa vr	000m: 0-1,1-2	RANGE: col cr ecu	herb
<i>foliosa</i> L.		PROV: ca pa	000m: 0-1	RANGE: afr cag cub gal nag sag sao	herb
<i>hydrocarpa</i> Vahl		PROV: ca cc pa	000m: 0-1	RANGE: bel bol cag? cub gui sag? sao	herb
<i>jamesoniana</i> Oliv.		PROV: da pa	000m: 0-1	RANGE: ang cag? ecu gua gui per sag?	herb
<i>lloydii</i> Merl		PROV: cc	000m: 0-1	RANGE: gui sao	herb
<i>obtusa</i> Sw.		PROV: ca ch	000m: 0-1,1-2	RANGE: afr ang cag jam sag	herb
<i>praetermissa</i> P. Taylor		PROV: cc ch pa vr	000m: 0-1	RANGE: col? cr nic	herb
* <i>pubescens</i> Sm.		PROV: cc pa	000m: 0-1,1-2	RANGE: ven	herb
<i>pusilla</i> Vahl		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: cag? gui mex sag? sao	herb
<i>subulata</i> L.		PROV: cc pa	000m: 0-1	RANGE: afr asi cag eur nag nao sag sao	herb
<i>unifolia</i> R. & P.		PROV: ch da	000m: 0-1,1-2	RANGE: bol col cr ecu per	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

284

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
266 (177) ACANTHACEAE					
<b>Apheleandra</b>					
arnoldii Mildbr.		PROV: ch	000m: 1-2,2-3	RANGE: col ven	herb
aurantiaca (Scheidw.) Lindl.		PROV: bo cc vr	000m: 0-1,1-2	RANGE: bol cr gua mex nic	herb
campanensis Durkee		PROV: bo ca cc cn pa vr	000m: 0-1	RANGE: cr	shrub shrub
crenata Leonard		PROV: bo da	000m: 0-1	RANGE: col	shrub
darienensis Wassh.		PROV: da	000m: 0-1	RANGE: end	shrub
dolicantha J.D. Sm.		PROV: bo vr	000m: 0-1	RANGE: cag col cr gua	shrub
*golfuldicensis McDade		PROV: ch	000m: 0-1	RANGE: cr	shrub
gracilis Leonard		PROV: cc cn pa sa vr	000m: 0-1,1-2	RANGE: end	shrub
hartwegiana Nees		PROV: bo da	000m: 0-1	RANGE: col	shrub
laxa Durkee		PROV: sa	000m: 0-1	RANGE: end	shrub
*leonardii McDade		PROV: cn da pa sa	000m: 0-1	RANGE: cr	shrub
lingua-bovis Leonard		PROV: cc cn da sa	000m: 0-1,1-2	RANGE: col	shrub
*panamensis McDade		PROV: cc cn da pa sa	000m: 0-1	RANGE: end	shrub
pilosa Leonard		PROV: pa	000m: 0-1	RANGE: col	shrub
*scabra (Vahl) Sm.		PROV: ca ch cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag mex sag?	shrub
seibertii Leonard		PROV: cc	000m: 0-1	RANGE: cr	herb
sinclairiana Nees		PROV: bo ca cc ch cn pa	000m: 0-1	RANGE: cr	shrub tree
terryae Standl.		PROV: ca da pa sa	000m: 0-1	RANGE: col	shrub
tonduzii Leonard		PROV: ch	000m: 1-2	RANGE: cr	herb
<b>Asystasia</b>					
gangetica (L.) Anders.	cult.	PROV: cc da pa	000m: 0-1	RANGE: afr asi	herb
<b>Barleria</b>					
*cristata L.	intr.	PROV: cc he	000m: 0-1	RANGE: owt	tree
micans Nees		PROV: ca cc ch lo pa vr	000m: 0-1	RANGE: cr nic	herb
<b>Blechum</b>					
brownei Juss.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: ang asi cag mex oce	herb
costaricense Oerst.		PROV: ca ch da pa vr	000m: 0-1,1-2	RANGE: sag sat	herb
panamense Lindau		PROV: bo ca cn pa sa	000m: 0-1	RANGE: cr nwt	herb subshrub
<b>Bravaisia</b>					
integerrima (Spr.) Standl.		PROV: bo ch	000m: 0-1	RANGE: cag col cr mex per ven	tree
<b>*Buceragenia</b>					
*glandulosa Leonard		PROV: pa	000m: 0-1	RANGE: cr gua mex nic	herb?



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

285

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
266 (177) ACANTHACEAE cont.					
Chaetochlamys panamensis Lindau		PROV: ca ch cn he lo pa vr	000m: 0-1	RANGE: wr	herb
Chaetothylax leucanthus Leonard		PROV: ca pa	000m: 0-1	RANGE: col	herb
Dicliptera gracilis Leonard		PROV: ch	000m: 1-2	RANGE: end	herb
imbricata Leonard		PROV: cc vr	000m: 0-1	RANGE: cr	herb
iopus Lindau		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	shrub
trifurca Oerst.		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb
vahliana Nees		PROV: ca ch cn da lo pa	000m: 0-1	RANGE: ang col fla	herb
Dyschoriste valeriana Leonard		PROV: pa	000m: 0-1	RANGE: cr	herb shrub
Elytraria imbricata (Vahl) Pers.		PROV: ca cc ch cn he lo pa	000m: 0-1,1-2	RANGE: cag cr nag? nic sag? sao	herb
Graptophyllum pictum (L.) Griff.	cult.	PROV: pa	000m: 0-1	RANGE: afr	shrub
Habracanthus silvaticus Nees		PROV: vr	000m: 0-1	RANGE: cag mex	shrub
Hansteinia reflexiflora Leonard		PROV: bo ch vr	000m: 1-2,2-3	RANGE: end	herb
ventricosa (J.D. Sm.) D. Gibson		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	herb
Hemigraphis alternata (Burm. f.) T. Anders.	cult.	PROV: ca	000m: 0-1	RANGE: asi bel	herb
*Henrya *insularis Nees		PROV: vr	000m: 0-1	RANGE: cag mex	herb
Herpetacanthus panamensis Leonard		PROV: bo ca cn	000m: 0-1	RANGE: cr	herb
Hygrophila *costata Nees		PROV: bo ca cc pa vr	000m: 0-1	RANGE: cag mex sag sao	herb
Justicia adhatoda L.		PROV: pa	000m: 0-1	RANGE: owt	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
266 (177) ACANTHACEAE cont.					
allenii (Leonard) Durkee		PROV: cc	000m: 0-1,1-2	RANGE: end	shrub
aurea Schlecht.		PROV: cc ch da sa vr	000m: 0-1,1-2,2-3	RANGE: cag mex	shrub
carthaginensis Jacq.		PROV: bo ca cc he pa	000m: 0-1	RANGE: cag mex	herb
chamaephyton D. Gibson		PROV: bo ch da sa	000m: 0-1	RANGE: cr	herb
comata (L.) Lam.		PROV: bo ca ch cn da he pa sa	000m: 0-1,1-2	RANGE: cr jam nic	herb
crenata (Leonard) Durkee		PROV: bo	000m: 0-1	RANGE: cr	shrub
graciliflora (Standl.) D. Gibson		PROV: ca da pa vr	000m: 0-1,1-2	RANGE: end	climber
macrantha Benth.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag cr mex	shrub
metallica Lindau		PROV: bo ca ch cn da pa	000m: 0-1	RANGE: cr	herb
oerstedii Leonard		PROV: cc ch cn pa	000m: 0-1,1-2	RANGE: cr	herb
panamense Durkee		PROV: pa	000m: 0-1	RANGE: end	herb
pectoralis Jacq.					
--var. macrophyllus Durkee		PROV: da	000m: 0-1	RANGE: end	herb
--var. pectoralis		PROV: ca ch cn da pa	000m: 0-1	RANGE: ang cag cr nic nwt sag	herb
refractifolia (Kuntze) Leonard		PROV: bo cn da pa sa	000m: 0-1,1-2	RANGE: cr	herb
*refulgens Leonard		PROV: ch	000m: 1-2	RANGE: end	shrub
secunda Vahl		PROV: bo ca cc cn da he pa	000m: 0-1	RANGE: ang col trt	herb
tinctoria (Oerst.) D. Gibson					
cult.		PROV: ch da pa	000m: 0-1,1-2	RANGE: cag cr	shrub
trichotoma (Kuntze) Leonard		PROV: bo da sa	000m: 0-1	RANGE: cr	shrub
urophylla (Lindau) D. Gibson		PROV: ch da vr	000m: 0-1	RANGE: cr	shrub
Kalbreyeriella					
rostellata Lindau		PROV: cn sa	000m: 0-1,1-2	RANGE: col	herb subshrub
Louteridium					
costaricense Radlk. & J.D. Sm.		PROV: bo ca cc cn da he lo pa sa	000m: 0-1	RANGE: cr	shrub
Megaskepasma					
erythrochlamys Lindau	cult.	PROV: ch	000m: 0-1	RANGE: cr ven	shrub
Mendoncia					
brenesii Standl. & Leonard		PROV: ch	000m: 1-2	RANGE: cr	climber
cordata Leonard		PROV: bo cn	000m: 0-1	RANGE: col	climber
costaricana Oerst.		PROV: ch	000m: 1-2	RANGE: cr	climber
gracilis Turrill		PROV: ca pa	000m: 0-1	RANGE: col	climber
hirsuta (P. & E.) Nees		PROV: da	000m: 0-1	RANGE: bol col gui per	climber
lindavii Rusby		PROV: ca cc da	000m: 0-1,1-2	RANGE: bel bol cag? gua sag?	climber
litoralis Leonard		PROV: ca ch da lo pa sa	000m: 0-1	RANGE: col	climber
retusa Turrill		PROV: bo ca da pa	000m: 0-1	RANGE: cr	climber
tonduzii Turrill		PROV: cc cn	000m: 0-1	RANGE: cr	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
266 (177) ACANTHACEAE cont.					
<i>Nelsonia</i>					
<i>brunelloides</i> (Lam.) Kuntze		PROV: ca cc ch da lo pa	000m: 0-1	RANGE: ang asi cag col mex owg sao	herb
<i>Neriacanthus</i>					
<i>grandiflorus</i> Leonard		PROV: ch vr	000m: 0-1,1-2	RANGE: col	shrub
<i>Odontonema</i>					
<i>microphyllus</i> Durkee		PROV: cn pa	000m: 0-1	RANGE: end	shrub
* <i>tubiforme</i> (Bertol.) Kuntze		PROV: bo ca cc ch cn da pa pa sa vr	000m: 0-1,1-2	RANGE: cag cr hon mex nic	shrub herb subshrub
* <i>Poikilacanthus</i>					
* <i>macrantha</i> Lindau		PROV: ch	000m: 1-2	RANGE: gua	shrub
<i>Pseuderanthemum</i>					
<i>atropurpureum</i> (Bull) Bailey cult.		PROV: ca cn pa	000m: 0-1	RANGE: oce	shrub tree
<i>cordatum</i> (Nees) Radik.		PROV: ca cn da pa	000m: 0-1	RANGE: sao	herb
<i>cuspidatum</i> (Nees) Radik.		PROV: ca da pa	000m: 0-1	RANGE: cag mex sag	herb
<i>standleyi</i> Leonard		PROV: ch	000m: 1-2	RANGE: cr	herb
<i>Razisea</i>					
<i>spicata</i> Oerst.		PROV: bo ca cc ch da pa sa vr	000m: 0-1,1-2	RANGE: col cr	shrub
<i>Ruellia</i>					
<i>anthracina</i> Leonard		PROV: cc pa vr	000m: 0-1	RANGE: end	herb
<i>biolleyi</i> Lindau		PROV: bo cn da	000m: 0-1	RANGE: cr	herb
<i>colonensis</i> Wassh.		PROV: cn	000m: 0-1	RANGE: end	herb
<i>cooperi</i> Leonard		PROV: bo	000m: 0-1	RANGE: end	herb
<i>fulgida</i> Andr.					
--var. <i>angustissima</i> (Hochr.) Leonard		PROV: cc	000m: 0-1	RANGE: col ven	herb
--var. <i>fulgida</i>		PROV: ca cc da he	000m: 0-1	RANGE: ang	herb
<i>geminiflora</i> H.B.K.		PROV: ca cc pa	000m: 0-1	RANGE: ang cag col	herb
<i>inundata</i> H.B.K.		PROV: ca cc he lo pa	000m: 0-1	RANGE: cag col mex nic sao	herb
<i>leucobracteatus</i> Durkee		PROV: sa	000m: 0-1	RANGE: cag	shrub
<i>macrophylla</i> Vahl		PROV: da	000m: 0-1	RANGE: ang col per sao ven	herb shrub
<i>malacosperma</i> Greenm. cult.		PROV: pa	000m: 0-1	RANGE: mex	herb
<i>metallica</i> Leonard		PROV: bo ca cc cn da	000m: 0-1	RANGE: cr nic	herb
<i>nudiflora</i> (Engelm. & Gray) Urb.					
--var. <i>puberula</i> Leonard		PROV: ca cc lo pa	000m: 0-1	RANGE: cr gua	herb
<i>pittieri</i> Lindau		PROV: bo ch cn da	000m: 0-1	RANGE: cr	herb
<i>praeclara</i> Standl.		PROV: bo cn sa	000m: 0-1	RANGE: end	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
266 (177) ACANTHACEAE cont.					
tonduzii Lindau		PROV: ch cn da	000m: 0-1	RANGE: cr	herb
*tuberosa L.		intr. nat. PROV: ca pa	000m: 0-1	RANGE: ang cag?	herb
tubiflora H.B.K.					
--var. tetrasticantha (Lindau) Leonard		PROV: bo cc cn da vr	000m: 0-1	RANGE: col cr	herb
--var. tubiflora		PROV: cn da pa	000m: 0-1,1-2	RANGE: wr	shrub herb
Sanchezia					
pennellii Leonard		PROV: da sa	000m: 0-1	RANGE: col per	herb
Staurogyne					
agrestis Leonard		PROV: ca	000m: 0-1	RANGE: cr	herb
*Streblacanthus					
*monospermus Kuntze		PROV: bo	000m: 0-1	RANGE: cr	herb
Teliostachya					
alopécuroidea (Vahl) Nees		PROV: ca cc pa vr	000m: 0-1	RANGE: ang cag col gui per sao trt ven	herb
Tetramerium					
*nervosum Nees		PROV: ca cc he pa	000m: 0-1	RANGE: cag mex sag? sat	herb
Thunbergia					
alata Boj.		PROV: ca cc	000m: 0-1	RANGE: afr asi cag oce sag	climber
erecta (Benth.) T. Anders.					
fragrans Roxb.	cult.	PROV: ca pa	000m: 0-1	RANGE: afr cr jam	shrub
grandiflora Roxb.	cult.	PROV: bo ca he lo	000m: 0-1	RANGE: asi	climber
		PROV: bo ca	000m: 0-1	RANGE: asi	climber
Trichanthera					
gigantea (H. & B.) Nees		PROV: ca cc cn da lo pa	000m: 0-1	RANGE: col cr gui ven	shrub tree
269 (178) PLANTAGINACEAE					
Plantago					
australis Lam.		PROV: ch	000m: 1-2	RANGE: nwt	herb
lanceolata L.	intr.	PROV: ch	000m: 1-2	RANGE: eur wdw	herb
major L.	cult.	PROV: ca ch he	000m: 0-1,1-2,2-3	RANGE: wdw	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE					
<i>Alibertia</i>					
<i>edulis</i> (A. Rich.) A. Rich.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1	RANGE: ang cag? mex sag?	shrub tree
<i>garapatica</i> (Karst.) Schum.		PROV: cc ch cn he pa vr	000m: 0-1,1-2	RANGE: col mex	shrub tree
<i>Allenanthus</i>					
<i>erythrocarpus</i> Standl.		PROV: cc pa	000m: 0-1	RANGE: cr	tree
<i>Alseis</i>					
<i>blackiana</i> Hemsl.		PROV: ca da	000m: 0-1	RANGE: col	tree
<i>dariensis</i> Dwyer		PROV: da	000m: 0-1	RANGE: end	tree
<i>Amaioua</i>					
<i>corymbosa</i> H.B.K.		PROV: ca cc ch cn da pa vr	000m: 0-1	RANGE: cag col cub gui mex	shrub tree
<i>magnicarpa</i> Dwyer		PROV: cn pa	000m: 0-1	RANGE: end	tree
<i>pedicellata</i> Dwyer		PROV: cc vr	000m: 0-1	RANGE: end	tree
<i>Amphidaysa</i>					
<i>ambigua</i> (Standl.) Standl.		PROV: cn da pa sa	000m: 0-1	RANGE: col	subshrub
<i>spathulata</i> Dwyer		PROV: da	000m: 0-1	RANGE: end	subshrub
<i>Antirhea</i>					
<i>trichantha</i> (Griseb.) Hemsl.		PROV: ca da pa	000m: 0-1	RANGE: end	tree
<i>Appunia</i>					
<i>seibertii</i> Standl.		PROV: ca da pa sa	000m: 0-1	RANGE: col	shrub
<i>Arcytophyllum</i>					
<i>lavarum</i> Schum.		PROV: ch	000m: 2-3,3+	RANGE: cr	subshrub
<i>Bathysa</i>					
<i>veraguensis</i> Dwyer		PROV: cc vr	000m: 0-1,1-2	RANGE: end	tree
<i>Bertiera</i>					
<i>angustifolia</i> Benth.		PROV: bo da vr	000m: 0-1	RANGE: cr per	shrub tree
<i>guianensis</i> Aubl.		PROV: bo ca ch da pa	000m: 0-1	RANGE: ang bol cag gui mex sag? sao	shrub tree
<i>Borojoa</i>					
<i>atlantica</i> Dwyer		PROV: cn pa	000m: 0-1	RANGE: end	tree
<i>panamensis</i> Dwyer		PROV: cc	000m: 0-1	RANGE: end	tree
<i>patinoi</i> Cuatr.		PROV: da	000m: 0-1	RANGE: col	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
<i>Borreria densiflora</i> DC.		PROV: bo ca ch cn he pa sa vr	000m: 0-1,1-2,2-3	RANGE: ang cag col jam mex sag? ven	herb
<i>laevis</i> (Lam.) Griseb.		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1,1-2	RANGE: ang cag gui his sag sao	herb
<i>latifolia</i> (Aubl.) Schum.		PROV: ca ch cn pa vr	000m: 0-1,1-2,2-3	RANGE: ang cag gui sag sao	herb
<i>ocimoides</i> (Burm. f.) DC.		PROV: ca cc ch da pa	000m: 0-1,1-2	RANGE: asi mex wdt	herb
<i>pumilio</i> Standl.		PROV: ca cc	000m: 0-1	RANGE: end	herb
<i>suaveolens</i> G. Meyer		PROV: ca ch pa vr	000m: 0-1,1-2	RANGE: cag? gui sag? sao	herb
* <i>verticillata</i> (L.) Meyer		PROV: pa sa vr	000m: 0-1	RANGE: nic	herb
<i>Bouvardia glabra</i> Polak.		PROV: ch	000m: 0-1	RANGE: cr gua mex	shrub
* <i>laevis</i> Mart. & Gal.		PROV: ch	000m: 0-1	RANGE: cr mex	shrub
<i>Calycophyllum candidissimum</i> (Vahl) DC.		PROV: ca cc da lo pa	000m: 0-1	RANGE: ang cag col mex ven	tree
<i>Cephaelis axillaris</i> Sw.		PROV: ch da	000m: 1-2,2-3	RANGE: ang cag col mex ven	shrub
* <i>barcellana</i> (Muell.-Arg.) Standl.		PROV: da	000m: 0-1	RANGE: sat	shrub
<i>bristanii</i> Dwyer & Hayden		PROV: bo da	000m: 0-1	RANGE: cr	subshrub
<i>camponutans</i> Dwyer & Hayden		PROV: bo cn pa vr	000m: 0-1	RANGE: end	subshrub
* <i>caput-anguis</i> (Dwyer & Hayden) Dwyer		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>correae</i> Dwyer & Hayden		PROV: cc	000m: 0-1	RANGE: end	tree
<i>croatii</i> Dwyer		PROV: da	000m: 1-2	RANGE: end	shrub
<i>dichroa</i> (Standl.) Standl.		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub
<i>dimorphandrioides</i> Dwyer		PROV: ch vr	000m: 0-1	RANGE: end	shrub
<i>discolor</i> Polak.		PROV: bo ca cn da pa vr	000m: 0-1	RANGE: col cr nic	subshrub
<i>dressleri</i> Dwyer		PROV: cn da sa	000m: 0-1,1-2	RANGE: col	subshrub
<i>elata</i> Sw.		PROV: ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: jam	shrub tree
<i>gaugeri</i> Dwyer		PROV: pa	000m: 0-1	RANGE: end	subshrub
<i>glomerulata</i> J.D. Sm.		PROV: bo ca cc cn pa sa vr	000m: 0-1	RANGE: cag? gua	subshrub
<i>insueta</i> Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>ipecacuanha</i> (Brot.) A. Rich.		PROV: ca da sa	000m: 0-1	RANGE: nwt	subshrub
<i>kennedyi</i> Dwyer		PROV: pa sa	000m: 0-1,1-2	RANGE: end	subshrub
<i>latistipulata</i> Standl.		PROV: ch	000m: 0-1	RANGE: cr	subshrub
<i>nana</i> (Standl.) Standl.		PROV: ca	000m: 0-1	RANGE: nic	subshrub
<i>panamensis</i> Dwyer		PROV: cn	000m: 0-1	RANGE: end	shrub?
<i>panchocoensis</i> Dwyer		PROV: da	000m: 0-1	RANGE: col	subshrub
<i>tomentosa</i> (Aubl.) Vahl		PROV: bo ca cc cn da lo pa sa vr	000m: 0-1,1-2	RANGE: cag? sag?	shrub
<i>vultusmimi</i> Dwyer		PROV: cn	000m: 0-1	RANGE: end	subshrub
* <i>williamsii</i> Standl.		PROV: cc pa	000m: 0-1	RANGE: per	shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

291

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
Chimarrhis					
<i>latifolia</i> Standl.		PROV: ch	000m: 0-1	RANGE: cr	tree
<i>parviflora</i> Standl.		PROV: bo pa vr	000m: 0-1	RANGE: cr	tree
Chiococca					
<i>alba</i> (L.) Hitchc.		PROV: bo ca ch cn da	000m: 0-1,1-2	RANGE: ang bel cag gua sag	climber
<i>durifolia</i> Dwyer		he lo pa sa PROV: cc cn pa	000m: 0-1	sao tex RANGE: col	shrub climber
<i>jefensis</i> Dwyer		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>phaenostemon</i> Schlecht.		PROV: ch	000m: 0-1,1-2	RANGE: cr gua hon mex	tree? shrub tree
Chione					
<i>buxifolia</i> Dwyer & Hayden		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>campanensis</i> Dwyer		PROV: pa	000m: 0-1	RANGE: end	tree
<i>costaricensis</i> Standl.		PROV: cn	000m: 0-1	RANGE: cr	tree
<i>dariensis</i> Dwyer		PROV: da	000m: 0-1	RANGE: end	tree
<i>*mexicana</i> Standl.		PROV: cc	000m: 0-1	RANGE: mex nic	tree
<i>panamensis</i> Steyerf.		PROV: ch pa sa	000m: 0-1,1-2	RANGE: end	tree shrub
Chomelia					
<i>atlantica</i> Dwyer		PROV: cn da	000m: 0-1	RANGE: end	tree shrub
<i>coclensis</i> Dwyer		PROV: cc	000m: 0-1	RANGE: end	shrub
<i>grandicarpa</i> Dwyer		PROV: cn	000m: 0-1	RANGE: end	tree
<i>leucophylla</i> Dwyer		PROV: cn da	000m: 0-1	RANGE: end	tree
<i>panamensis</i> (Standl.) Dwyer		PROV: ch da lo pa sa	000m: 0-1	RANGE: col	tree
<i>peninsularis</i> Dwyer		PROV: ch	000m: 0-1	RANGE: end	shrub
<i>*polyantha</i> Blake		PROV: da	000m: 0-1	RANGE: per sat ven	shrub
<i>psilocarpa</i> Dwyer & Hayden		PROV: ca da	000m: 0-1	RANGE: end	shrub climber
<i>recordii</i> Standl.					
--var. <i>paucipubescens</i> Dwyer		PROV: ca	000m: 0-1	RANGE: end	shrub
--var. <i>recordii</i>		PROV: da pa	000m: 0-1	RANGE: col cr gua nic	tree
<i>spinosa</i> Jacq.		PROV: ca cc da he lo pa vr	000m: 0-1	RANGE: cag col mex sao ven	shrub tree shrub
Cinchona					
<i>pubescens</i> Vahl		PROV: ch	000m: 1-2	RANGE: cr sag?	tree
Coccocypselum					
<i>cordifolium</i> Nees & Mart.		PROV: ch da	000m: 1-2	RANGE: cag gua mex sao	herb
<i>herbaceum</i> P. Br.		PROV: bo ca cc ch he pa sa vr	000m: 0-1,1-2	RANGE: ang cag sag	herb
<i>hirsutum</i> DC.					
--var. <i>glabrum</i> (DC.) L.O. Wms.		PROV: ch cn pa	000m: 0-1,1-2	RANGE: bel gua mex nic	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

292

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
--var. <i>hirsutum</i> <i>lanceolatum</i> (R. & P.) Pers.		PROV: ca ch cn pa sa PROV: cc ch da he vr	000m: 0-1 000m: 0-1,1-2	RANGE: bol cag col mex trt RANGE: bol cag per sag? sao	herb herb
<i>Coffea</i> <i>arabica</i> L.		intr. cult. PROV: cc ch pa	000m: 0-1	RANGE: afr	shrub tree
<i>liberica</i> Hiern		intr. cult. PROV: cn	000m: 0-1	RANGE: afr	shrub tree
<i>Condaminea</i> <i>corymbosa</i> (R. & P.) DC.		PROV: ch	000m: 0-1,1-2	RANGE: bol cr sag?	shrub tree
<i>petiolata</i> Dwyer		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>Cosmibuena</i> <i>ovalis</i> Standl. <i>skinneri</i> (Oerst.) Hemsl.		PROV: cc ch PROV: ca cc cn da pa sa	000m: 0-1 000m: 0-1	RANGE: cr RANGE: cag col mex nic	tree tree
<i>Coussarea</i> <i>cerroazulensis</i> Dwyer & Hayden <i>curvigemmia</i> Dwyer		PROV: pa PROV: bo ca cc cn da pa	000m: 0-1 000m: 0-1	RANGE: end RANGE: cr	tree shrub tree
<i>durifolia</i> Dwyer <i>enneantha</i> Standl. <i>garciae</i> Standl.		PROV: pa PROV: bo cc da pa PROV: da	000m: 0-1 000m: 0-1,1-2 000m: 0-1	RANGE: end RANGE: end RANGE: col	tree shrub shrub tree
<i>jefensis</i> Dwyer <i>latifolia</i> Standl. <i>loftonii</i> (Dwyer & Hayden) Dwyer		PROV: pa PROV: bo cn pa PROV: cn pa	000m: 0-1 000m: 0-1 000m: 0-1	RANGE: end RANGE: col cr RANGE: end	tree tree shrub tree
<i>morii</i> Dwyer <i>nebulosa</i> Dwyer <i>neei</i> Dwyer		PROV: da PROV: ch PROV: da vr	000m: 0-1 000m: 1-2 000m: 0-1	RANGE: end RANGE: end RANGE: end	tree shrub tree shrub
<i>paniculata</i> (Vahl) Standl. <i>roseo-cremea</i> Dwyer <i>veraguensis</i> Dwyer <i>villosula</i> Dwyer		PROV: da PROV: pa PROV: vr PROV: cc da	000m: 0-1 000m: 0-1 000m: 0-1 000m: 0-1	RANGE: gui sag? trt RANGE: end RANGE: end RANGE: end	tree shrub tree tree
<i>Coutarea</i> <i>hexandra</i> (Jacq.) Schum.		PROV: ca cc ch cn da he pa	000m: 0-1	RANGE: ang cag col mex per sag? sao	tree shrub
<i>Crusea</i> <i>coccinea</i> DC. --var. <i>chiriquiensis</i> W.R. Anderson		PROV: ch	000m: 0-1,1-2	RANGE: cr	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

293

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
<i>longiflora</i> (R. & S.) W.R. Anderson		PROV: ch	000m: 1-2	RANGE: cag mex	herb subshrub
<i>Declieuxia fruticosa</i> Kuntze		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: cag? mex sag? sao ven	herb
<i>Deppea grandiflora</i> Schlecht.		PROV: ch	000m: 2-3	RANGE: cag cr mex	tree
<i>panamensis</i> Dwyer		PROV: pa	000m: 0-1	RANGE: end	tree
<i>Didymaea alsinoides</i> (Schlecht. & Cham.) Standl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb
<i>Didymochlamys connellii</i> N.E. Br.		PROV: cc sa	000m: 0-1	RANGE: gui ven	herb
<i>Diodia denudata</i> Standl.		PROV: ca cn da pa	000m: 0-1	RANGE: col	climber subshrub shrub
<i>sarmentosa</i> Sw.		PROV: ca cn vr	000m: 0-1	RANGE: afr ang asi cag jam oce sag?	herb shrub
<i>teres</i> Walt.		PROV: cc ch he vr	000m: 0-1,1-2	RANGE: cag fla nag nao nao sag tex	herb
<i>Elaeagia auriculata</i> Hemsl.		PROV: da	000m: 0-1	RANGE: cr hon	shrub tree
<i>nitidifolia</i> Dwyer		PROV: da pa sa	000m: 0-1,1-2	RANGE: end	tree
<i>Exostema mexicanum</i> A. Gray		PROV: ca pa	000m: 0-1	RANGE: bel cr gua hon mex sal	tree
<i>Faramea altipetens</i> Dwyer		PROV: da	000m: 1-2	RANGE: end	tree
<i>bocataurensis</i> Dwyer		PROV: bo	000m: 0-1	RANGE: end	tree
<i>bullata</i> Standl.		PROV: bo vr	000m: 0-1	RANGE: end	tree shrub
<i>caput-anguis</i> Dwyer & Hayden		PROV: pa	000m: 0-1	RANGE: end	tree
<i>eurycarpa</i> J.D. Sm.		PROV: cc cn da pa	000m: 0-1	RANGE: col cr ecu	tree
<i>jefensis</i> Dwyer & Hayden		PROV: pa	000m: 0-1	RANGE: end	tree shrub
<i>liesneri</i> Dwyer		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>luteovirens</i> Standl.		PROV: ca ch cn da sa	000m: 0-1	RANGE: col	tree shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
<i>occidentalis</i> (L.) A. Rich.		PROV: ca cc cn da lo pa vr	000m: 0-1	RANGE: ang cag mex sag	tree
<i>ovalis</i> Standl.		PROV: ch	000m: 1-2	RANGE: end	tree
<i>papulata</i> Dwyer & Hayden		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>pauciflora</i> Dwyer		PROV: vr	000m: 0-1	RANGE: end	tree
<i>scalaris</i> Standl.		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>suerrensensis</i> (J.D. Sm.) J.D. Sm.		PROV: bo cc ch cn vr	000m: 0-1,1-2	RANGE: col cr	tree
<i>talamancarum</i> Standl.		PROV: bo cn da	000m: 0-1	RANGE: cr	tree
<i>terreyae</i> Standl.		PROV: da	000m: 0-1	RANGE: end	shrub
<i>woodsonii</i> Standl.		PROV: cc pa sa	000m: 0-1	RANGE: end	shrub
<i>Ferdinandusa</i>					
<i>panamensis</i> Standl. & Wms.		PROV: bo	000m: 0-1	RANGE: end	tree
<i>Galium</i>					
<i>aschenbornii</i> Schauer		PROV: ch	000m: 2-3	RANGE: cag mex	climber
<i>mexicanum</i> H.B.K.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag mex	climber
<i>uncinulatum</i> DC.		PROV: ch	000m: 1-2,2-3	RANGE: cag mex nao tex	herb
<i>Genipa</i>					
<i>americana</i> L.		PROV: bo ca cc ch da he lo pa vr	000m: 0-1	RANGE: ang cag col fla mex sag sao ven	tree
<i>curviflora</i> Dwyer		PROV: da pa sa	000m: 0-1	RANGE: end	shrub
<i>williamsii</i> Standl.		PROV: cc da pa	000m: 0-1	RANGE: col	tree
<i>Geophila</i>					
<i>croatii</i> Steyerm.		PROV: ca	000m: 0-1	RANGE: nic	herb
<i>macropoda</i> (R. & P.) DC.		PROV: bo da pa sa	000m: 0-1	RANGE: col cr	herb
<i>repens</i> (L.) Johnst.		PROV: bo ca ch da lo pa	000m: 0-1	RANGE: ang cag col gui jam mex per sag? sao ven	herb
<i>Gonzalagunia</i>					
<i>bracteosa</i> (J.D. Sm.) Rob.		PROV: cn da pa sa	000m: 0-1	RANGE: gua	shrub
<i>kallunkii</i> Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>ovatifolia</i> (J.D. Sm.) Rob.		PROV: bo cc sa	000m: 0-1	RANGE: col cr	shrub
<i>panamensis</i> (Cav.) Schum.		PROV: bo ca cc ch cn he pa sa vr	000m: 0-1	RANGE: ang cag col cub mex	shrub
<i>rosea</i> Standl.		PROV: bo ch da he vr	000m: 0-1,1-2	RANGE: cr	tree
<i>rudis</i> (Standl.) Standl.		PROV: ca ch cn da lo pa sa	000m: 0-1	RANGE: col	tree
<i>veraguensis</i> Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>Guettarda</i>					
<i>chiriquiensis</i> Standl.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: col	tree
<i>foliacea</i> Standl.		PROV: ca da pa vr	000m: 0-1	RANGE: col	tree
<i>macrosperma</i> J.D. Sm.		PROV: ca cn da sa	000m: 0-1	RANGE: cag gua	tree
<i>odorata</i> (Jacq.) Lam.		PROV: ca cc ch da he pa vr	000m: 0-1	RANGE: ang? cub sag?	shrub tree



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

295

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
ramuliflora Beurl.		PROV: ca	000m: 0-1	RANGE: end	tree shrub
sanblasensis Dwyer		PROV: sa	000m: 0-1	RANGE: end	tree
<i>Hamelia</i>					
axillaris Sw.		PROV: bo ca ch cn da lo pa sa	000m: 0-1	RANGE: ang cag jam mex sag?	shrub
calycosa J.D. Sm.		PROV: cc pa vr	000m: 0-1,1-2	RANGE: cag? col mex per sag?	shrub tree
*costaricensis Standl.		PROV: wp	000m: 0-1	RANGE: cr	shrub
macrantha Little		PROV: ca cc cn pa sa	000m: 0-1	RANGE: col cr ecu sao	shrub tree
magnifolia Wernh.		PROV: bo ch da sa vr	000m: 0-1	RANGE: cr	shrub tree
patens Jacq.		PROV: bo ca cc ch cn	000m: 0-1,1-2	RANGE: mex nic per sao ven	shrub tree
--var. glabra Oerst.		da lo pa sa vr			
--var. patens		PROV: ca cc ch da he lo pa vr	000m: 0-1,1-2,2-3	RANGE: ang bol cag fla his mex sag? sat	shrub tree
rovirosae Wernh.		PROV: bo	000m: 0-1	RANGE: bel cag gua mex	shrub
sanguinea Elias		PROV: ca da	000m: 0-1	RANGE: end	shrub tree
xerocarpa Kuntze		PROV: bo da vr	000m: 0-1	RANGE: col cr	shrub tree
<i>Hemidiodia</i>					
ocimifolia (Willd.) Schum.		PROV: bo ca cc pa sa vr	000m: 0-1	RANGE: cag? mex sag? sao	subshrub
<i>Hillia</i>					
chiapensis Standl.		PROV: pa	000m: 0-1	RANGE: cag mex	shrub
--var. chiapensis		PROV: vr	000m: 0-1	RANGE: end	shrub
--subsp. grandifolia Dwyer		PROV: ch	000m: 1-2	RANGE: end	tree
chiriquiensis Dwyer		PROV: ch pa vr	000m: 0-1,1-2	RANGE: end	tree
ligulifolia Dwyer		PROV: vr	000m: 0-1	RANGE: cr	shrub
palmana Standl.		PROV: ch	000m: 1-2	RANGE: cr	tree
panamensis Standl.		PROV: cc ch cn pa vr	000m: 0-1	RANGE: ang cag nic	shrub
tetrandra Sw.					
<i>Hippotis</i>					
albiflora Karst.		PROV: bo	000m: 1-2	RANGE: col cr	tree
<i>Hoffmannia</i>					
aeruginosa Standl.		PROV: bo	000m: 0-1	RANGE: cr	shrub
araneopedaria Dwyer		PROV: da	000m: 1-2	RANGE: end	shrub
areolata Standl.		PROV: ch	000m: 1-2	RANGE: end	herb
bullata L.O. Wms.		PROV: pa	000m: 0-1	RANGE: cag gua mex	subshrub
capillacea Dwyer		PROV: cc sa	000m: 0-1	RANGE: end	subshrub
cercidifolia Dwyer		PROV: da vr	000m: 0-1	RANGE: end	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

296

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
dauidsoniae Standl.		PROV: ca cc ch	000m: 0-1,1-2,2-3	RANGE: end	herb
eliasii Dwyer		PROV: da sa	000m: 1-2	RANGE: col	herb
fimbriantha Dwyer		PROV: bo	000m: 0-1	RANGE: end	subshrub
gentryi Dwyer		PROV: da	000m: 1-2	RANGE: sat	subshrub
*ghiesbrectii (Lem.) Hemsl.		PROV: wp	000m: 0-1	RANGE: mex	shrub
*hamelioides Standl.		PROV: wp	000m: 0-1	RANGE: cr	shrub
haydenii Dwyer		PROV: ch	000m: 1-2	RANGE: end	herb
kirkbridei Dwyer		PROV: bo sa	000m: 0-1	RANGE: end	subshrub
lancistigma Dwyer		PROV: ch	000m: 1-2	RANGE: end	shrub
lewisiana Dwyer		PROV: ch	000m: 2-3	RANGE: end	shrub
longicalycina Dwyer		PROV: da	000m: 0-1	RANGE: end	subshrub
manussatani Dwyer		PROV: bo	000m: 1-2,2-3	RANGE: end	herb
morii Dwyer		PROV: ch	000m: 1-2	RANGE: end	subshrub
*nicotanaefolia (Mart. & Gal.) L.O. Wms		PROV: ch	000m: 1-2,2-3	RANGE: cag mex	shrub
ostaurea Dwyer		PROV: bo	000m: 0-1	RANGE: end	subshrub
pittieri Standl.		PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: end	shrub
psychotriifolia (Benth.) Griseb.		PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: ang cag cr gua	shrub
pustulata Dwyer		PROV: cn	000m: 0-1	RANGE: end	herb subshrub
rexfordis Dwyer		PROV: ch	000m: 2-3	RANGE: end	subshrub
rubripigmenta Dwyer		PROV: da	000m: 0-1	RANGE: end	herb
subauriculata Standl.		PROV: bo da	000m: 0-1	RANGE: cr	herb
vesciculifera Standl.		PROV: bo cc ch cn pa vr	000m: 0-1,1-2	RANGE: cr	shrub
*viridis Rusby		PROV: sa	000m: 0-1	RANGE: col	tree
witheringioides Dwyer		PROV: vr	000m: 0-1	RANGE: end	subshrub
woodsonii Standl.		PROV: bo ca cc ch cn da lo pa vr	000m: 0-1,1-2	RANGE: cr	shrub
<i>Isertia</i>					
haenkeana DC.		PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: cag col cub mex ven	tree shrub
hypoleuca Benth.		PROV: bo ca cc cn da pa sa vr	000m: 0-1	RANGE: col gui sao ven	tree
*laevis (Triana) Boom		PROV: sa	000m: 0-1	RANGE: cr per	wh
<i>Ixora</i>					
coccinea L.		intr. cult. PROV: bo ca cc cn da pa	000m: 0-1	RANGE: afr asi cag sag	shrub
findlaysoniana G. Don		intr. cult. PROV: ca pa sa vr	000m: 0-1	RANGE: asi	shrub tree
floribunda (A. Rich.) Griseb.		PROV: ca da lo pa	000m: 0-1	RANGE: ang col cr nic sal	tree
nicaraguensis Standl.		PROV: bo ch da	000m: 0-1	RANGE: bel cag? nic	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
<i>Joosia</i>					
<i>panamensis</i> Dwyer		PROV: bo cc cn pa sa	000m: 0-1	RANGE: end	shrub tree
* <i>umbellifera</i> Karst.		PROV: ch vr	000m: 1-2	RANGE: col per ven	tree
<i>Ladenbergia</i>					
<i>bullata</i> (Wedd.) Standl.		PROV: pa	000m: 0-1	RANGE: cag sat	tree shrub
<i>laurifolia</i> Dwyer		PROV: vr	000m: 0-1	RANGE: end	tree
<i>macrocarpa</i> (Vahl) Kl.		PROV: da	000m: 0-1, 1-2	RANGE: bol col sag?	tree
* <i>valerii</i> Standl.		PROV: pa	000m: 0-1, 1-2	RANGE: cr	tree
* <i>Lasianthus</i>					
* <i>panamensis</i> (Dwyer) Robbrecht		PROV: cc cn pa	000m: 0-1	RANGE: end	subshrub
<i>Limnosipanea</i>					
<i>palustris</i> (Seem.) Hook. f.		PROV: wp	000m: we	RANGE: col	herb
<i>Lindenia</i>					
<i>rivalis</i> Benth.		PROV: ca da he pa	000m: 0-1	RANGE: cag mex	subshrub
<i>Machaonia</i>					
<i>acuminata</i> H. & B.		PROV: ca cc cn da he pa sa vr	000m: 0-1	RANGE: cag? ecu mex sag? sao	shrub tree
<i>martinicensis</i> (DC.) Standl.		PROV: bo pa	000m: 0-1	RANGE: col cr jam	shrub climber tree
<i>Macrocnemum</i>					
<i>glabrescens</i> (Benth.) Wedd.		PROV: bo ca cc ch cn da pa vr	000m: 0-1	RANGE: col cr	tree
<i>pastoense</i> Karst.		PROV: da	000m: 0-1	RANGE: col	tree shrub
<i>Manettia</i>					
<i>bocataurensis</i> Dwyer		PROV: bo	000m: 0-1	RANGE: end	herb
<i>flexilis</i> Brandeg.		PROV: ch	000m: 1-2	RANGE: col cr gua mex	climber
<i>hydrophila</i> Dwyer		PROV: vr	000m: 0-1	RANGE: end	herb
<i>reclinata</i> L.		PROV: bo ca cc ch da lo pa sa vr	000m: 0-1	RANGE: cag? cub jam mex sag?	climber
<i>Mitracarpus</i>					
<i>breviflorus</i> A. Gray		PROV: ch	000m: 1-2	RANGE: cr mex nao	herb
<i>hirtus</i> (L.) DC.		PROV: bo ca cc ch da pa vr	000m: 0-1	RANGE: ang asi cag jam mex sag	herb
<i>Montamans</i>					
<i>panamensis</i> Dwyer		PROV: ch	000m: 1-2	RANGE: end	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

298

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
<i>Morinda</i>					
<i>citrifolia</i> L.		PROV: bo ca cn sa	000m: 0-1	RANGE: ang asi cag? oce	tree
<i>panamensis</i> Seem.		PROV: ca cc cn da pa	000m: 0-1	RANGE: ang cag fla mex	shrub tree
<i>rojoc</i> L.		PROV: cn sa	000m: 0-1	RANGE: ang cag fla mex sag?	shrub
<i>Nertera</i>					
<i>granadensis</i> (L. f.) Druce		PROV: ch da	000m: 1-2,2-3	RANGE: cag? mex sag? sao	herb
<i>Oidenlandia</i>					
<i>callitrichoides</i> Griseb.		PROV: cn pa	000m: 0-1	RANGE: cub	herb
<i>corymbosa</i> L.	intr.	PROV: bo ca cc cn da	000m: 0-1	RANGE: afr wdt	herb
<i>lancifolia</i> (Schum.) DC.		PROV: bo ca	000m: 0-1	RANGE: cag? owg? sag?	herb
<i>Palicourea</i>					
<i>*adusta</i> Standl.		PROV: bo	000m: 0-1	RANGE: cr	shrub
<i>angustifolia</i> H.B.K.		PROV: bo cc ch vr	000m: 0-1,1-2,2-3	RANGE: col cr per sag?	shrub tree
<i>bella</i> (Standl.) Dwyer		PROV: ch	000m: 2-3	RANGE: end	shrub
<i>chiriquina</i> Standl.		PROV: bo ch	000m: 1-2,2-3	RANGE: end	shrub
<i>crocea</i> (Sw.) R. & S.		PROV: ca da pa	000m: 0-1	RANGE: ang nic sag?	shrub
<i>*discolor</i> Krause		PROV: ch	000m: 1-2	RANGE: cr	tree
<i>fastigiata</i> Benth.		PROV: ca	000m: 0-1	RANGE: col cr ven	shrub
<i>gibbosa</i> Dwyer		PROV: da	000m: 1-2	RANGE: end	tree
<i>grandibracteata</i> Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
<i>guianensis</i> Aubl.		PROV: bo ca cn da lo	000m: 0-1	RANGE: cag gua gui sag?	shrub tree
<i>lasiorrachis</i> Oerst.		PROV: ch	000m: 1-2	RANGE: cr	shrub
<i>montensis</i> Dwyer		PROV: ch	000m: 1-2	RANGE: end	tree
<i>montivaga</i> Standl.		PROV: ch	000m: 0-1	RANGE: cr	shrub
<i>ochnoides</i> Dwyer		PROV: vr	000m: 1-2	RANGE: end	subshrub
<i>*padifolia</i> (Roem.) Taylor & Lorence		PROV: ch da vr	000m: 0-1,1-2	RANGE: cag cr mex	tree
<i>panamensis</i> Standl.		PROV: bo ch da vr	000m: 0-1,1-2	RANGE: end	shrub
<i>pauciflora</i> Standl.		PROV: ch	000m: 2-3	RANGE: end	shrub
<i>rigidifolia</i> (Dwyer & Hayden) Dwyer		PROV: pa vr	000m: 0-1	RANGE: end	shrub tree
<i>subrubra</i> Polak.		PROV: ch da	000m: 1-2	RANGE: cr	tree
<i>triphylla</i> (Muell.-Arg.) DC.		PROV: bo ca cc ch da	000m: 0-1	RANGE: cag? gui sag?	shrub tree
<i>tubuliflora</i> Dwyer		PROV: pa	000m: 0-1	RANGE: end	tree
<i>tumidonodosa</i> Dwyer		PROV: da pa	000m: 0-1,1-2	RANGE: end	tree
<i>veraguensis</i> Dwyer		PROV: ch vr	000m: 1-2	RANGE: end	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
vestita Standl.		PROV: cc vr	000m: 0-1	RANGE: cr	shrub
<b>Pentagonia</b>					
alba Dwyer		PROV: da	000m: 0-1	RANGE: end	shrub
bocataurensis Dwyer		PROV: bo	000m: 0-1	RANGE: end	shrub?
brachyotis (Standl.) Standl.		PROV: cn da pa sa	000m: 0-1,1-2	RANGE: end	shrub tree
gymnopoda (Standl.) Standl.		PROV: cn da pa	000m: 0-1	RANGE: end	shrub tree
macrophylla Benth.		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: col ecu	tree shrub
nuciformis Dwyer		PROV: vr	000m: 0-1	RANGE: end	tree
pinnatifida Seem.		PROV: da pa sa	000m: 0-1	RANGE: col	shrub
tinajita Seem.		PROV: ch	000m: 0-1	RANGE: end	shrub
veraguensis Dwyer		PROV: vr	000m: 0-1	RANGE: end	subshrub
wendlandii Hook.		PROV: bo cn pa sa	000m: 0-1	RANGE: cr	shrub
<b>Pogonopus</b>					
speciosus (Jacq.) Schum.		PROV: ca cn da pa	000m: 0-1	RANGE: cag col mex ven	tree
<b>Posoqueria</b>					
latifolia (Rudge) R. & S.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: cag col gui mex per sao ven	tree
<b>Psychotria</b>					
acuminata Benth.					
--subsp. acuminata		PROV: ca cc cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: cag? mex per sag?	shrub
--subsp. boraginoides Dwyer		PROV: pa	000m: 0-1	RANGE: col	shrub
aggregata Standl.		PROV: bo cc ch pa	000m: 0-1,1-2,2-3	RANGE: end	shrub
alboviridula Krause		PROV: da pa sa	000m: 0-1	RANGE: col cr per	shrub tree
allenii Standl.		PROV: cc pa sa vr	000m: 0-1	RANGE: end	tree
bakeri Dwyer		PROV: ch lo pa	000m: 0-1	RANGE: end	shrub
berteriana DC.		PROV: bo da vr	000m: 0-1	RANGE: ang cag cr his hon mex pr sag	shrub tree
boquetensis Dwyer		PROV: ch	000m: 1-2	RANGE: end	shrub
brachiata Sw.		PROV: bo ca cc cn da lo pa sa vr	000m: 0-1	RANGE: ang cag sag trt	tree shrub
brachybotrya Muell.-Arg.		PROV: bo ca cc cn da he pa	000m: 0-1	RANGE: bol per sag? sao trt	shrub
calophylla Standl.		PROV: ca cn pa	000m: 0-1	RANGE: cr	tree shrub
capacifolia Dwyer		PROV: bo da	000m: 0-1	RANGE: end	subshrub
capitata R. & P.					
--subsp. capitata		PROV: ca cc cn da pa sa vr	000m: 0-1	RANGE: cag sag trt	shrub tree
--subsp. fissistipularis Dwyer		PROV: ca cn	000m: 0-1	RANGE: end	shrub tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
--subsp. rubra Dwyer		PROV: wp	000m: 0-1	RANGE: end	shrub tree
carosocarpa Dwyer & Hayden		PROV: bo	000m: 0-1	RANGE: end	shrub
carthaginensis Jacq.		PROV: bo ca cc ch da he lo pa vr	000m: 0-1,1-2	RANGE: cag col gui per sag	shrub
catillicalyx Dwyer		PROV: vr	000m: 0-1	RANGE: end	tree
chagrensis Standl.		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: cag mex	subshrub
chiapensis Standl.		PROV: bo ch sa	000m: 0-1	RANGE: cag? cr mex per sag?	tree
chiriquina Standl.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: end	shrub
chloritica Muell.-Arg.		PROV: da	000m: 0-1	RANGE: col per sao	tree shrub
cincta Standl.		PROV: bo cn pa sa vr	000m: 0-1	RANGE: col	tree shrub
cooperi Standl.		PROV: cc vr	000m: 0-1	RANGE: col	tree shrub
copensis Dwyer		PROV: cc pa	000m: 0-1	RANGE: end	shrub
copeyana Standl. & L.O. Wms.		PROV: ch vr	000m: 1-2	RANGE: cr	tree
croceovenosa Dwyer		PROV: ch	000m: 1-2	RANGE: end	tree
davidsei Dwyer		PROV: da	000m: 1-2	RANGE: end	subshrub
deflexa DC.		PROV: bo ca cc da he pa sa vr	000m: 0-1	RANGE: cag? gui sag?	shrub
dosbocensis Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
dukei Dwyer		PROV: da pa vr	000m: 0-1	RANGE: col	subshrub shrub
durilancifolia Dwyer		PROV: pa	000m: 0-1	RANGE: end	tree
emetica L. f.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: bol cag? col? gua per sag?	subshrub
*epiphytica Standl.		PROV: da	000m: 0-1	RANGE: ecu per	epiphyte
erecta (Aubl.) Standl. & Steyererm.		PROV: bo ca cn da pa sa	000m: 0-1	RANGE: bel cr gui sao ven	shrub
eugenifolia Dwyer		PROV: ch da	000m: 1-2	RANGE: end	subshrub
*eurycarpa Standl.		PROV: bo	000m: 0-1	RANGE: cr	tree
fendleri Standl.		PROV: ca cn	000m: 0-1	RANGE: end	subshrub
fruticetorum Standl.		PROV: pa	000m: 0-1	RANGE: cag hon mex	shrub
furcata DC.		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: col cr	shrub
goldmanii Standl.		PROV: ch da pa	000m: 0-1,1-2,2-3	RANGE: cr	shrub tree
graciliflora Benth.		PROV: ca cc ch da pa	000m: 0-1	RANGE: cag? cr hon	shrub
granadensis Benth.		PROV: ca vr	000m: 0-1	RANGE: cag gua nic	subshrub
grandis Sw.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: cag? cr jam mex sag?	tree shrub
haematocarpa Standl.		PROV: cc cn da sa vr	000m: 0-1	RANGE: col cr	shrub
hammelii Dwyer		PROV: bo vr	000m: 1-2	RANGE: end	subshrub
horizontalis Sw.		PROV: ca cc ch cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag? ecu his mex sag? ven	shrub
impatiens Dwyer		PROV: da	000m: 0-1	RANGE: end	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
indigotica Dwyer		PROV: pa	000m: 0-1	RANGE: end	tree
insignis Standl.		PROV: sa	000m: 0-1	RANGE: end	shrub
liesneri Dwyer		PROV: pa	000m: 0-1	RANGE: end	shrub
*limitanea Standl.		PROV: da	000m: 1-2	RANGE: col	shrub
limonensis Krause		PROV: bo ca cn da sa	000m: 0-1	RANGE: cag cr sag?	subshrub shrub
longipedunculata Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
luxurians Rusby		PROV: cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: bol sag?	tree shrub
macrophylla R. & P.		PROV: bo cc ch cn da pa vr	000m: 0-1,1-2	RANGE: bol cag? col gua mex per sag?	shrub
magna Standl.		PROV: cn	000m: 0-1	RANGE: cr	shrub
marginata Sw.		PROV: bo ca cc cn da lo pa sa vr	000m: 0-1,1-2	RANGE: jam	shrub
maxonii Standl.		PROV: bo vr	000m: 0-1,1-2	RANGE: cr	subshrub
micrantha H.B.K.		PROV: bo ca cc cn da pa sa	000m: 0-1	RANGE: col ecu nic per ven	shrub tree
*microbotrys Standl.		PROV: cc	000m: 0-1	RANGE: per ven	herb
microdon (DC.) Urb.		PROV: ca cc ch da lo pa	000m: 0-1	RANGE: ang cag? cub ecu gui mex sag?	shrub tree
mima Standl.		PROV: bo cn da pa vr	000m: 0-1,1-2	RANGE: col sao	tree
morii Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
mortoniana Standl.		PROV: ch lo	000m: 0-1,1-2	RANGE: cr	shrub
nervosa Sw.		PROV: ca cc cn da pa sa	000m: 0-1	RANGE: ang bah cag col fla jam pr ven	shrub
nubiphila Dwyer		PROV: ch	000m: 1-2	RANGE: end	tree
oerstediana Standl.		PROV: bo ca cc sa	000m: 0-1	RANGE: cag cr mex	shrub
officinalis Sandw.		PROV: bo ca cc da pa sa vr	000m: 0-1,1-2	RANGE: cag col gui	shrub tree
olgae Dwyer & Hayden		PROV: pa	000m: 0-1,1-2	RANGE: end	tree shrub
orchidearum Standl.					
--subsp. orchidearum		PROV: ca da pa sa	000m: 0-1,1-2	RANGE: cr	subshrub
--subsp. persedens Dwyer		PROV: cc ch da pa sa vr	000m: 0-1,1-2	RANGE: end	subshrub
oresbia Dwyer		PROV: da	000m: 1-2	RANGE: end	tree
ostaurea Dwyer & Hayden		PROV: bo cc	000m: 0-1	RANGE: end	tree
panamensis Standl.		PROV: ca cc ch cn da pa vr	000m: 0-1	RANGE: end	tree
parvifolia Oerst.		PROV: ch	000m: 1-2	RANGE: cr gua	shrub
perparva Dwyer		PROV: da pa	000m: 0-1,1-2	RANGE: end	herb
philacra Dwyer		PROV: da	000m: 1-2	RANGE: end	shrub
pilosa R. & P.		PROV: bo cc ch da pa sa vr	000m: 0-1	RANGE: cr per sag?	shrub
pithecobia Standl.		PROV: bo ch	000m: 1-2	RANGE: cr	subshrub
pittieri Standl.					
--subsp. oinochrophylla Dwyer		PROV: da	000m: 0-1,1-2	RANGE: end	shrub
--subsp. pittieri		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1	RANGE: bel cag?	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
polyphlebia J.D. Sm.		PROV: bo da vr	000m: 0-1	RANGE: col cr gua	subshrub
psychotriaefolia (Seem.) Standl.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1	RANGE: col cr ecu ven	shrub tree
pubescens Sw.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: cag mex	shrub tree
pumiliocarpa Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
quadrangulata Dwyer		PROV: vr	000m: 0-1	RANGE: end	tree
racemosa (Aubl.) Raeusch.		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1	RANGE: nwt	shrub
rosulatifolia Dwyer		PROV: da	000m: 0-1,1-2	RANGE: end	herb
sanfelicensis Dwyer		PROV: ch	000m: 1-2	RANGE: end	shrub
santa-rosae Standl.		PROV: da	000m: 1-2	RANGE: col	subshrub
santaritensis Dwyer		PROV: cn pa	000m: 0-1	RANGE: end	tree
siccorubra Dwyer		PROV: ch vr	000m: 1-2	RANGE: end	shrub
siggersiana Standl.		PROV: cc da pa vr	000m: 0-1	RANGE: cr	shrub
solitudinum Standl.		PROV: bo cc da pa vr	000m: 0-1,1-2	RANGE: col cr	shrub tree
*suerrensis J.D. Sm.		PROV: bo ca cc cn pa	000m: 0-1	RANGE: col cr nic	shrub
tacarcunensis Dwyer		PROV: da	000m: 1-2	RANGE: end	shrub
taurina Dwyer		PROV: bo	000m: 0-1	RANGE: end	tree
trichotoma Mart. & Gal.		PROV: cc pa vr	000m: 0-1,1-2	RANGE: col gua hon mex nic ven	tree
tutensis Dwyer		PROV: vr	000m: 1-2	RANGE: end	tree
uliginosa Sw.		PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1,1-2	RANGE: ang cag col ecu jam mex	subshrub
umbelliformis Dwyer & Hayden		PROV: bo cc cn pa	000m: 0-1	RANGE: end	shrub tree
vallensis Dwyer		PROV: cc pa vr	000m: 0-1	RANGE: end	shrub
veraguensis Dwyer		PROV: vr	000m: 0-1	RANGE: end	shrub
viridis R. & P.		PROV: da pa sa	000m: 0-1	RANGE: bel bol cag? col cr cub sag?	tree shrub
wilburiana Dwyer		PROV: vr	000m: 0-1	RANGE: end	subshrub
xerococcoides Dwyer		PROV: da sa	000m: 1-2	RANGE: end	subshrub
Randia					
aculeata L.		PROV: ca cc ch cn da he pa sa vr	000m: 0-1	RANGE: ang cag col jam mex	shrub tree
armata (Sw.) DC.		PROV: bo ca cc cn da lo pa sa	000m: 0-1,1-2	RANGE: cag col gui lag mex sao ven	tree
*diversiloba Standl.		PROV: sa	000m: 0-1	RANGE: col	shrub
formosa (Jacq.) Schum.		PROV: ca ch cn da pa	000m: 0-1	RANGE: col per sag? sao	shrub
gentryi Dwyer		PROV: da	000m: 1-2	RANGE: col	tree
*grandifolia Standl.		PROV: cn vr	000m: 0-1,2-3	RANGE: cr mex sal	shrub
karstenii Polak.		PROV: ch	000m: 0-1	RANGE: cr	tree
lasiantha (Standl.) Standl.		PROV: ca pa	000m: 0-1	RANGE: cr	tree
megalocarpa Dwyer		PROV: pa	000m: 0-1	RANGE: end	shrub
mira Dwyer		PROV: pa	000m: 0-1	RANGE: end	tree
pepoformis Dwyer		PROV: da pa sa	000m: 0-1,1-2	RANGE: end	shrub
*platysepala Standl.		PROV: ch	000m: 1-2	RANGE: wr	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

303

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
<b>Raritebe</b>					
blumii (Dwyer) Dwyer		PROV: cn da vr	000m: 0-1	RANGE: end	tree?
darienensis (Dwyer) Dwyer		PROV: da	000m: 0-1	RANGE: end	shrub
euryphyllum (Standl.) Dwyer		PROV: bo da	000m: 0-1	RANGE: end	tree
panamensis (Dwyer) Dwyer		PROV: cc cn da pa sa vr	000m: 0-1,1-2	RANGE: end	tree
trifoliatum (Dwyer & Hayden) Dwyer		PROV: bo cc vr	000m: 0-1	RANGE: end	subshrub
victoriae (Dwyer) Dwyer		PROV: da	000m: 0-1	RANGE: end	shrub
<b>Ravnia</b>					
triflora Oerst.		PROV: cc ch da pa vr	000m: 0-1	RANGE: cr	shrub
<b>Reibunium</b>					
hypocarpium (L.) Hemsl.		PROV: ch	000m: 1-2,2-3,3+	RANGE: ang cag mex sag	herb
<b>Richardia</b>					
scabra L.		PROV: ca cc ch cn lo pa vr	000m: 0-1,1-2	RANGE: cag cub gag gui nag per sag?	herb
<b>Rondeletia</b>					
amoena (Planch.) Hemsl.		PROV: ch	000m: 1-2,2-3	RANGE: cag mex	tree
bertieroides Standl.		PROV: bo cc	000m: 0-1	RANGE: end	tree
buddleioides Benth.					shrub
--var. aspera Kirkbr.		PROV: bo	000m: 1-2	RANGE: end	tree
--var. buddleioides		PROV: ca cc ch pa	000m: 0-1,1-2	RANGE: cag mex	tree
cooperi Standl.		PROV: bo cc ch	000m: 0-1	RANGE: end	tree
darcyi Dwyer		PROV: cn	000m: 0-1	RANGE: end	shrub?
darienensis Standl.		PROV: da	000m: 0-1	RANGE: end	shrub?
hamelifolia Dwyer & Hayden		PROV: lo vr	000m: 0-1	RANGE: end	shrub
kirkbridei Dwyer		PROV: vr	000m: 0-1	RANGE: end	tree
odorata Jacq.					tree
--var. breviflora Hook.		PROV: ca	000m: 0-1	RANGE: end	shrub
panamensis DC.		PROV: ca da pa	000m: 0-1	RANGE: col	shrub
platysepala Standl.		PROV: cc ch	000m: 0-1,1-2	RANGE: end	tree
salicifolia Dwyer & Hayden					tree
--var. salicifolia		PROV: pa	000m: 0-1	RANGE: end	tree
--subsp. brevicolla Kirkbr.		PROV: bo	000m: 0-1	RANGE: end	tree
secunda Standl.		PROV: da sa	000m: 0-1	RANGE: end	shrub
<b>Rudgea</b>					
amplexicaulis Dwyer		PROV: ch	000m: 1-2	RANGE: end	shrub
chiriquiensis Dwyer		PROV: ch	000m: 1-2	RANGE: end	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

304

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
<i>cornifolia</i> (H.B.K.) Standl.		PROV: bo ca da pa sa	000m: 0-1	RANGE: bol cag gua gui sag	tree
<i>coronicarpa</i> Dwyer		PROV: cc	000m: 0-1	RANGE: end	tree
<i>isthmensis</i> Standl.		PROV: ca sa	000m: 0-1	RANGE: end	shrub
<i>pittieri</i> Standl.		PROV: ca cn pa sa	000m: 0-1	RANGE: col	tree
<i>skutchii</i> Standl.		PROV: bo cc pa	000m: 0-1	RANGE: col cr	shrub tree
<b>Rustia</b>					
<i>occidentalis</i> (Benth.) Hemsl.		PROV: ca cn da pa	000m: 0-1	RANGE: col cr	shrub
<i>panamensis</i> Dwyer		PROV: ch pa vr	000m: 0-1	RANGE: end	tree tree
<b>Sabicea</b>					
* <i>colombiana</i> Wernh.		PROV: da	000m: 0-1	RANGE: col	shrub
<i>panamensis</i> Wernh.		PROV: bo ca cc ch cn da pa sa vr	000m: 0-1,1-2	RANGE: cag col cr gua	shrub climber
<i>stellaris</i> Dwyer		PROV: pa	000m: 0-1	RANGE: end	climber
<i>villosa</i> R. & S.					
--var. <i>adpressa</i> (Wernh.) Standl.		PROV: bo ca da pa sa	000m: 0-1	RANGE: col per	climber
--var. <i>villosa</i>		PROV: bo cc cn	000m: 0-1	RANGE: cag sag	climber
<b>Schradera</b>					
<i>blumii</i> Dwyer & Hayden		PROV: cc da pa sa vr	000m: 0-1,1-2	RANGE: col	shrub
<b>Simira</b>					
<i>darienensis</i> Dwyer		PROV: da	000m: 0-1	RANGE: end	tree
<i>klugei</i> (Standl.) Steyerm.		PROV: pa	000m: 0-1	RANGE: ven	shrub
<i>maxonii</i> (Standl.) Steyerm.		PROV: bo ca ch cn sa	000m: 0-1	RANGE: cr	tree tree
<b>*Sipania</b>					
<b>Sommeria</b>					
<i>donnell-smithii</i> Standl.		PROV: bo cc ch da pa	000m: 0-1,1-2	RANGE: cr	tree
<b>Spermacoce</b>					
<i>confusa</i> Rendl.		PROV: ca	000m: 0-1	RANGE: cag? fla sag?	subshrub
<i>tenuior</i> L.		PROV: ca pa sa	000m: 0-1	RANGE: cag nag sag sao	herb subshrub
<b>Stachyarrhena</b>					
<i>dichroa</i> Standl.		PROV: cn da pa sa	000m: 0-1	RANGE: end	tree
<b>Tobagoa</b>					
<i>maleolens</i> Urb.		PROV: cc	000m: 0-1	RANGE: ang trt ven	herb
<b>Tocoyena</b>					
<i>pittieri</i> (Standl.) Standl.		PROV: ca da pa	000m: 0-1,1-2	RANGE: col cr	tree



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
270 (179) RUBIACEAE cont.					
<i>Uncaria</i> <i>tomentosa</i> (Willd.) DC.		PROV: bo ca da pa	000m: 0-1	RANGE: col ecu gui nic trt ven	climber
<i>Warszewiczia</i> <i>coccinea</i> (Vahl) Kl.		PROV: ca cc ch cn da pa sa vr	000m: 0-1	RANGE: bol cag nic sag sao trt	tree
<i>Wittmackanthus</i> <i>stanleyanus</i> (Schomb.) Kuntze		PROV: da	000m: 0-1	RANGE: col gui per	shrub tree
<i>Xerococcus</i> <i>congestus</i> Oerst.		PROV: vr	000m: 0-1	RANGE: cr	subshrub
271 (180) CAPRIFOLIACEAE					
<i>Lonicera</i> <i>japonica</i> Thunb.		PROV: ch	000m: 1-2,2-3	RANGE: asi owg	climber shrub
<i>Sambucus</i> <i>canadensis</i> L. --var. <i>laciniata</i> A. Gray <i>peruviana</i> H.B.K.		PROV: ca cc ch bo ch	000m: 0-1,1-2,2-3,3+ 000m: 1-2	RANGE: ang gag nag RANGE: cr sao	shrub shrub tree
<i>Viburnum</i> <i>costaricanum</i> (Oerst.) Hemsl.		PROV: ch	000m: 2-3	RANGE: cr	shrub tree
<i>stellato-tomentosum</i> (Oerst.) Hemsl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub tree
273 (181) VALERIANACEAE					
<i>Astrephia</i> <i>chaerophylloides</i> (J.E. Sm.) DC.		PROV: ch	000m: 1-2	RANGE: col ecu per	herb
<i>Valeriana</i> <i>clematitis</i> H.B.K. * <i>priconophylla</i> Standl. <i>pulchella</i> Mart. & Gal. <i>scandens</i> L.		PROV: ch pa ch ch	000m: 0-1,1-2 000m: 3+ 000m: 3+	RANGE: cag col ecu mex RANGE: cag RANGE: cag gua mex	herb herb herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
273 (181) VALERIANACEAE cont.					
--var. candolleana (Gardn.) Muell.					
--var. scandens		PROV: ca cc ch da PROV: bo	000m: 0-1,1-2 000m: 0-1	RANGE: cr gua mex RANGE: cag fla gag mex sag?	herb herb
urticaefolia H.B.K.		PROV: ch	000m: 1-2	RANGE: sao ven RANGE: cag col mex per	herb
275 (182) CUCURBITACEAE					
Cayaponia					
buraevii Cogn.		PROV: cc ch	000m: 0-1,1-2	RANGE: col cr ven	climber
*denticulata Jeffrey		PROV: ca	000m: 0-1	RANGE: end	climber
glandulosa (P. & E.) Cogn.		PROV: bo ca cc ch cn da pa	000m: 0-1	RANGE: bol col ecu per ven	climber
granatensis Cogn.		PROV: ca da pa sa vr	000m: 0-1	RANGE: col per sao ven	climber
macrocalyx Harms		PROV: cc cn vr	000m: 0-1	RANGE: col ecu per ven	climber
micrantha Cogn.		PROV: ca cn pa	000m: 0-1	RANGE: col ecu	climber
racemosa (Mill.) Cogn.		PROV: bo ca cc ch cn da he pa vr	000m: 0-1	RANGE: ang cag his mex sag?	climber
sessiliflora Wunderlin		PROV: ca	000m: 0-1	RANGE: sal RANGE: ecu	climber
Cionosicys					
macranthus (Pitt.) Jeffrey		PROV: bo	000m: 0-1	RANGE: cag cr gua mex	climber
Citrullus					
lanatus (Thunb.) Mats. & Nakai					
		intr. cult.			
		PROV: pa	000m: 0-1	RANGE: afr	climber
Cucumis					
anguria L.		cult. PROV: he lo	000m: 0-1	RANGE: gua nwg?	climber
dipsaceus Ehrenb.		intr. nat.			
		PROV: ca da	000m: 0-1	RANGE: owg? wdw?	climber
melo L.		intr. cult.			
		PROV: pa	000m: 0-1	RANGE: owg	climber
sativus L.		intr. cult.			
		PROV: wp	000m: we	RANGE: owg	climber
Cucurbita					
maxima Duchass.		cult. PROV: wp	000m: we	RANGE: nwg owg	climber
mixta Pang.		cult. PROV: wp	000m: we	RANGE: nwg owg	climber
moschata Poir.		cult. PROV: wp	000m: we	RANGE: nwt owg	climber
pepo L.		cult. PROV: ch da pa	000m: 0-1	RANGE: ?nwt	climber
Cyclanthera					
dissecta (Torr. & Gray) Arn. & Hook.					
		PROV: ca	000m: 0-1	RANGE: cag mex nag? tex	climber
dressleri Wunderlin		PROV: ch	000m: 1-2	RANGE: end	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
275 (182) CUCURBITACEAE cont.					
pedata (L.) Schrad.	cult.	PROV: ca	000m: 0-1	RANGE: cag? ecu mex per sag?	climber
Elateriopsis oerstedii (Cogn.) Pitt.		PROV: bo cc cn da pa sa vr	000m: 0-1,1-2	RANGE: cr	climber
Fevillea cordifolia L.		PROV: ca ch da lo pa	000m: 0-1	RANGE: ang cag per sag? sao	climber
Frantzia panamensis Wunderlin pittieri (Cogn.) Pitt.		PROV: ch PROV: bo ch vr	000m: 3+ 000m: 1-2,2-3	RANGE: end RANGE: cr	climber climber
Gurania coccinea Cogn.		PROV: bo ca cc cn da lo pa sa vr	000m: 0-1,1-2	RANGE: cr	climber
eriantha (P. & E.) Cogn. makoyana (Lem.) Cogn.		PROV: da PROV: bo ca cc ch cn da pa sa vr	000m: 0-1 000m: 0-1	RANGE: cr per RANGE: cag? gua	climber climber
megistantha J.D. Sm.		PROV: bo ca cc ch cn da pa vr	000m: 0-1,1-2	RANGE: cr	climber
seemaniana Cogn. suberosa Standl. *tubulosa Cogn.		PROV: cc ch PROV: cc PROV: cn	000m: 0-1,1-2 000m: 0-1 000m: 0-1	RANGE: cr RANGE: wr RANGE: wr	climber climber climber
Lagenaria siceraria (Molina) Standl.	intr. cult.	PROV: cc cn pa	000m: 0-1	RANGE: afr sao	climber
Luffa aegyptiaca Mill.	intr. cult. nat.	PROV: ca cc ch da he lo pa sa vr	000m: 0-1	RANGE: cr owg?	climber
operculata (L.) Cogn.		PROV: ca pa	000m: 0-1	RANGE: cag ecu mex per sag	climber
Melothria dulcis Wunderlin		PROV: bo ca cc cn da pa	000m: 0-1	RANGE: end	climber
pendula L.		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1	RANGE: ang cag nag sag sao	climber
scabra Naud. trilobata Cogn.		PROV: bo ca cc ch pa PROV: bo ca cn da lo pa sa	000m: 0-1,1-2 000m: 0-1	RANGE: cag gua mex RANGE: cag col cr gui mex ven	climber climber
Momordica charantia L.	intr. nat.	PROV: bo ca cc ch cn da lo pa sa vr	000m: 0-1	RANGE: nwt wdw	climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
275 (182) CUCURBITACEAE cont.					
<i>Polyclathra cucumerina</i> Bertol.		PROV: cc da pa	000m: 0-1	RANGE: cag cr gua mex	climber
<i>Posadaea sphaerocarpa</i> Cogn.		PROV: ca pa	000m: 0-1	RANGE: cag col ecu gua gui sao trt	climber
<i>Psiguria bignoniacea</i> (P. & E.) Wunderlin		PROV: bo ca cc cn da lo pa vr	000m: 0-1	RANGE: cag cr ecu mex per sag?	climber
<i>longipedunculata</i> (Cogn.) Wunderlin		PROV: bo	000m: 0-1	RANGE: cag mex	climber
<i>warscewiczii</i> (Hook. f.) Wunderlin		PROV: bo ca cc ch cn da lo pa vr	000m: 0-1	RANGE: cag? mex per sag?	climber
<i>Rytidostylis carthaginensis</i> (Jacq.) Kuntze		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1,1-2	RANGE: cag col ecu gua mex per sao ven	climber
<i>Sechium edule</i> (Jacq.) Sw. cult.		PROV: ca cc ch	000m: 0-1	RANGE: cr sal	climber
<i>Selysia prunifera</i> (P. & E.) Cogn.		PROV: bo cc ch cn da pa sa	000m: 0-1	RANGE: cr ecu per sag?	climber
<i>Sicana odorifera</i> (Vell.) Naud. intr. cult.		PROV: da pa	000m: 0-1	RANGE: sat	climber
<i>Sicydium coriaceum</i> Cogn.		PROV: ca	000m: 0-1	RANGE: col per sag?	climber
<i>tamnifolium</i> (H.B.K.) Cogn.		PROV: bo ca ch cn da pa sa	000m: 0-1	RANGE: ang cag? col cr mex per sag?	climber
<i>Sicyos *chiriquensis</i> Hammel & D'Arcy		PROV: ch	000m: 2-3	RANGE: end	climber

276 (183) CAMPANULACEAE

<i>Burmeistera chiriquensis</i> Wilbur		PROV: ch	000m: 1-2	RANGE: cr	herb shrublet
<i>cyclostigmata</i> J.D. Sm.		PROV: bo cc ch da pa vr	000m: 0-1,1-2,2-3	RANGE: col cr ecu	herb
<i>darienensis</i> Wilbur		PROV: da	000m: 0-1,1-2	RANGE: end	shrublet



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

309

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
276 (183) CAMPANULACEAE cont.					
dendrophila F. Wimmer		PROV: ch	000m: 1-2,2-3	RANGE: end	herb
dukei Wilbur		PROV: da	000m: 1-2	RANGE: end	herb
glauca (F. Wimmer) Gleason		PROV: bo ch	000m: 1-2,2-3	RANGE: end	herb
*hammelii Wilbur		PROV: da	000m: 1-2	RANGE: end	herb
kirkbridei Wilbur		PROV: bo ch	000m: 0-1	RANGE: end	shrublet
*mcvaughii Wilbur		PROV: bo ch	000m: 1-2,2-3	RANGE: end	shrublet climber
microphylla J.D. Sm.		PROV: ca cc ch pa	000m: 0-1,1-2,2-3	RANGE: cr	herb
morii Wilbur		PROV: ch	000m: 1-2	RANGE: end	herb
*obtusifolia F. Wimmer		PROV: bo ch	000m: 2-3	RANGE: cr	herb
panamensis Wilbur		PROV: da	000m: 0-1,1-2	RANGE: end	shrublet
parviflora Standl.		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb
pirrensis Wilbur		PROV: da	000m: 0-1,1-2	RANGE: end	herb
tenuiflora J.D. Sm.		PROV: bo cc ch pa vr	000m: 0-1,1-2	RANGE: cr	herb
toroensis Wilbur		PROV: bo ch	000m: 0-1,1-2	RANGE: end	herb
utleyi Wilbur		PROV: ch	000m: 2-3	RANGE: end	shrublet herb
vulgaris F. Wimmer		PROV: bo ch	000m: 1-2,2-3	RANGE: col cr ecu	herb shrublet
Centropogon					
coccineus B.D. Jacks.		PROV: bo ca cc cc cn pa vr	000m: 0-1	RANGE: col cr	herb
congestus Gleason		PROV: bo ch pa	000m: 0-1,1-2,2-3	RANGE: col cr	herb shrub
cornutus (L.) Druce		PROV: bo ca cn da pa	000m: 0-1	RANGE: bol ecu gui lag mex sao ven	herb
*costaricae (Vatke) McVaugh		PROV: bo	000m: 1-2	RANGE: cr	climber
darienensis Wilbur		PROV: da	000m: 1-2	RANGE: end	herb
ferrugineus (L. f.) Gleason		PROV: bo ch	000m: 1-2,2-3,3+	RANGE: cag? col cr gua per sag? ven	herb
floricomus McVaugh		PROV: bo ch	000m: 1-2,2-3	RANGE: end	herb
granulosus Presl		PROV: bo ch	000m: 1-2,2-3	RANGE: col cr per	herb
gutierrezii (Planch. & Oerst.) F. Wimmer		PROV: ch	000m: 1-2	RANGE: cr	herb
leucocarpus McVaugh		PROV: bo ch	000m: 1-2,2-3	RANGE: end	herb
luteynii Wilbur		PROV: ch	000m: 1-2,2-3	RANGE: end	herb
panamensis Wilbur		PROV: bo ca cc da pa vr	000m: 0-1	RANGE: end	shrub
smithii F. Wimmer		PROV: ch	000m: 2-3	RANGE: cr	shrub
Diastatea					
micrantha (H.B.K.) McVaugh		PROV: cc ch he pa	000m: 0-1,1-2,2-3	RANGE: bol cag col ecu mex per sao	herb
Hippobroma					
longiflora (L.) G. Don		PROV: bo ca cc ch cn he pa sa vr	000m: 0-1	RANGE: ang cag jam mex per sag? sao	herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
276 (183) CAMPANULACEAE cont.					
<i>Lobelia</i>					
<i>cardinalis</i> L.					
--subsp. <i>graminea</i> (Lam.) McVaugh					
--var. <i>graminea</i> (Lam.) McVaugh		PROV: ca cc ch he pa	000m: 0-1,1-2	RANGE: cag mex	herb
<i>dressleri</i> Wilbur		PROV: cn	000m: 0-1	RANGE: end	herb
<i>fastigiata</i> H.B.K.		PROV: pa	000m: 0-1	RANGE: ecu sag? sao trt	herb
<i>irasuensis</i> Planch. & Oerst.		PROV: ch	000m: 2-3,3+	RANGE: cr	herb
<i>laxiflora</i> H.B.K.		PROV: wp		RANGE: cag col mex nao	shrub herb
--var. <i>stricta</i> (Planch. & Oerst.) McVaugh		PROV: cc ch pa	000m: 0-1,1-2,2-3,3+	RANGE: cag col cr gua mex	shrub herb
<i>longicaulis</i> Brandeg.		PROV: ch	000m: 0-1,1-2,2-3,3+	RANGE: cag cr mex	herb
<i>xalapensis</i> H.B.K.		PROV: bo cc ch pa vr	000m: 0-1,1-2	RANGE: cag gal lag mex sag	herb
<i>Siphocampylus</i>					
<i>albiguttur</i> McVaugh		PROV: cc	000m: 0-1	RANGE: end	herb
<i>darienensis</i> Wilbur		PROV: da	000m: 1-2	RANGE: end	herb
<i>maxonis</i> F. Wimmer		PROV: ch	000m: 1-2,2-3	RANGE: end	shrublet herb shrublet
<i>Sphenoclea</i>					
<i>zeylanica</i> Gaertn.		intr. PROV: bo ca ch pa	000m: 0-1	RANGE: cag? nag? nao owg sag?	herb
sao tex					
280 (184) COMPOSITAE					
<i>Acanthospermum</i>					
<i>humile</i> (Sw.) DC.		PROV: ca ch cn	000m: 0-1	RANGE: ang cub jam	herb
<i>Adenostemma</i>					
<i>platyphyllum</i> Cass.		PROV: da pa	000m: 0-1	RANGE: bol col ecu per sao	herb
ven					
<i>Ageratina</i>					
<i>anisochroma</i> (Klatt) K. & R.		PROV: ch	000m: 2-3	RANGE: cr nic	subshrub shrub
* <i>bustamenta</i> (DC.) K. & R.		PROV: ch	000m: 1-2,2-3	RANGE: cag cr gua mex	shrub
<i>chiriquensis</i> (Rob.) K. & R.		PROV: ch	000m: 2-3,3+	RANGE: end	shrub
* <i>costaricensis</i> K. & R.		PROV: ch	000m: 2-3	RANGE: cr	shrub
<i>croatii</i> K. & R.		PROV: ch	000m: 2-3	RANGE: end	herb subshrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
ixioclodon (Benth.)		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr	subshrub shrub
*kupperi K. & R.		PROV: ch	000m: 3+	RANGE: cr	shrub
molinae K. & R.		PROV: ch	000m: 1-2	RANGE: cr hon sal	shrub
whitei K. & R.		PROV: ch	000m: 1-2	RANGE: end	shrub
Ageratum					
chiriquense (Rob.) K. & R.		PROV: ch	000m: 0-1,1-2	RANGE: end	herb subshrub
conyzoides L.		intr. cult. nat.			
		PROV: bo ca cc ch da pa	000m: 0-1,1-2	RANGE: afr asi cag eur sag	herb subshrub
houstonianum Mill.		PROV: bo ca ch pa	000m: 0-1	RANGE: cag mex	herb subshrub
microcarpum (Benth.)		PROV: ch	000m: 1-2	RANGE: cag? cr hon	herb subshrub
oliveri K. & R.		PROV: pa	000m: 0-1	RANGE: end	herb subshrub
panamense Rob.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: end	herb subshrub
Ambrosia					
cumanensis H.B.K.		PROV: pa	000m: 0-1	RANGE: cag col lag mex ven	herb
Archibaccharis					
irazuensis (Blake) Blake		PROV: ch	000m: 2-3,3+	RANGE: cr	shrub herb
panamensis Blake		PROV: cc	000m: 0-1	RANGE: cag mex	herb climber
schiedeana (Benth.) J.D. Jacks.		PROV: ch	000m: 1-2	RANGE: cag cr gua mex	shrub climber
Aster					
spinosus Benth.		PROV: ch	000m: 2-3	RANGE: mex tex	herb
Austroeupatorium					
inulaefolium (H.B.K.) K. & R.		PROV: pa	000m: 0-1,1-2	RANGE: asi col per sag sao sao trt	herb subshrub
Ayapana					
amygdalina (Lam.) K. & R.		PROV: ca cc ch pa	000m: 0-1	RANGE: bol cag? col gui nic per sao	herb subshrub
elata (Steetz) K. & R.		PROV: bo ca cc ch pa	000m: 0-1	RANGE: col? cr per	herb
stenolepis (Steetz) K. & R.		PROV: he vr	000m: 0-1	RANGE: bol	herb subshrub
Baccharis					
pedunculata (Mill.) Cabr.		PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: cr per sag? ven	shrub
trinervis (Lam.) Pers.		PROV: ca cc ch cn da he lo pa vr	000m: 0-1,1-2	RANGE: cag? mex sag? sao	tree shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
Baltimora recta L.		PROV: ca cc ch cn da he pa vr	000m: 0-1	RANGE: cag mex	herb
Bartlettina *chiriquensis K. & R.		PROV: ch	000m: 1-2	RANGE: end	herb
maxonii (Rob.) K. & R.		PROV: ch	000m: 1-2	RANGE: end	shrub
platyphylla (Rob.) K. & R.		PROV: ch	000m: 0-1, 1-2	RANGE: cag mex	shrub
prionophylla (Rob.) K. & R.		PROV: ch	000m: 1-2	RANGE: cr	tree shrub tree
Bidens bipinnata					
--var. cynapiifolia (H.B.K.) Maza		PROV: ca cc pa	000m: 0-1	RANGE: ang cag cub nao owg	herb
ostruthioides (DC.) Schultz-Bip.		PROV: ch	000m: 2-3	RANGE: cr gua mex	herb
--var. costaricensis (Benth.) pilosa L.		PROV: bo ca cc ch pa	000m: 0-1, 1-2	RANGE: ang cag nag sat wdw	herb
reptans (L.) G. Don		PROV: cc ch pa vr	000m: 0-1, 1-2, 2-3	RANGE: cag? jam sag? sao ven	herb
riparia H.B.K.		PROV: ca he lo pa	000m: 0-1	RANGE: cag gal sat	herb
triplinervia H.B.K.		PROV: ch	000m: 1-2, 2-3, 3+	RANGE: bol cag col ecu mex per sag ven	herb
Blumea viscosa (Mill.) Bad.		PROV: ca cc he lo pa	000m: 0-1	RANGE: cr mex	herb
Brickellia *argyrolepis B.L. Rob. diffusa (Vahl) A. Gray		PROV: ch PROV: ca ch da pa	000m: 2-3 000m: 0-1	RANGE: cr RANGE: cag cub gag mex per sag? sao	shrub herb
Calea jamaicensis (L.) L.		PROV: bo ca cc ch cn da he pa sa vr	000m: 0-1	RANGE: cag col cr jam ven	shrub
urticifolia (Mill.) DC.		PROV: ca cc ch he pa	000m: 0-1, 1-2	RANGE: cag cr mex	shrub
Centratherum punctatum Cass.		PROV: ca cc ch he pa	000m: 0-1, 1-2	RANGE: sat wdt	herb subshrub
Chaptalia nutans (L.) Polak.		PROV: bo ca cc ch cn da he lo pa sa	000m: 0-1, 1-2	RANGE: ang bol cag cr gua mex nag sag sao tex	herb
runcinata H.B.K.		PROV: ch	000m: 1-2	RANGE: bol col cr sao	herb
Chromolaena ivaefolia (L.) K. & R.		PROV: ch	000m: 1-2	RANGE: ang bol cag jam mex nag sag sao	shrub herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

313

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
<i>laevigata</i> (Lam.) K. & R.		PROV: cc ch pa vr	000m: 0-1,1-2	RANGE: cag mex sag sao	shrub herb
<i>odorata</i> (L.) K. & R.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: cag cub jam mex owg? sag sao nag?	herb shrub
<i>Chrysanthellum</i>					
<i>americanum</i> (L.) Vatke		PROV: ca he pa	000m: 0-1	RANGE: cag cub his jam	herb
<i>integrifolium</i> Steetz		PROV: ca cc he pa	000m: 0-1	RANGE: jam	herb
<i>Cirsium</i>					
<i>mexicanum</i> DC.		PROV: ch	000m: 0-1,1-2	RANGE: cr mex	herb
<i>subcoriaceum</i> (Less.) Schultz-Bip.		PROV: ch	000m: 1-2	RANGE: cr gua mex	herb
<i>Clibadium</i>					
<i>anceps</i> Greenm.		PROV: ch	000m: 1-2,2-3	RANGE: cr	shrub
* <i>caudatum</i> Blake		PROV: cn	000m: 0-1	RANGE: end	shrub
* <i>eggertii</i> Hieron.		PROV: bo ca cn da pa vr	000m: 0-1	RANGE: cr	shrub
<i>grandifolium</i> Blake		PROV: bo cc da vr	000m: 0-1,1-2	RANGE: cr	shrub
<i>leiocarpum</i> Steetz		PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: cr	shrub
<i>pilonicum</i> Stuessy		PROV: cc	000m: 0-1	RANGE: end	shrub
* <i>sessile</i> Blake		PROV: wp	000m: we	RANGE: end	shrub
<i>subauriculatum</i> Stuessy		PROV: bo ch	000m: 1-2,2-3	RANGE: end	shrub
<i>surinamense</i> L.		PROV: ca cc ch cn da he pa sa vr	000m: 0-1,1-2	RANGE: ang col cr gui per sao	shrub
<i>Condylidium</i>					
<i>iresinoides</i> (H.B.K.) K. & R.		PROV: ca cc da pa sa	000m: 0-1	RANGE: bol lag cag? sag? col ven cub gua	herb subshrub
<i>Conyza</i>					
<i>apurensis</i> H.B.K.		PROV: ca cc ch da lo pa	000m: 0-1,1-2	RANGE: ang? cag sag ven	herb
<i>bonariensis</i> (L.) Cronq.		PROV: bo ca cc ch da lo pa	000m: 0-1,1-2,2-3	RANGE: ecu sao wdw	herb
<i>canadensis</i> (L.) Cronq.		PROV: ch	000m: 1-2	RANGE: eur pr wdw	herb
<i>chilensis</i> Spr.		PROV: ch	000m: 0-1,1-2	RANGE: bol sao ven cag mex sag sao	herb
<i>schiediana</i> (Less.) Cronq.		PROV: ch	000m: 2-3	RANGE: cr mex	herb
<i>Cosmos</i>					
<i>caudatus</i> H.B.K.		PROV: bo ca cc ch da he pa sa vr	000m: 0-1	RANGE: ang sat cag fla mex owt	herb
<i>crithmifolius</i> H.B.K.		PROV: ch	000m: 0-1	RANGE: gua hon mex	herb
<i>sulphureus</i> Cav. cult.		PROV: ca cc pa	000m: 0-1	RANGE: cag owt fla sag sal gua mex nas	herb
<i>Critonia</i>					
<i>billbergiana</i> (Beurl.) K. & R.		PROV: bo ca cn pa sa	000m: 0-1	RANGE: bel cr gua hon	climber
<i>daleoides</i> DC.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag mex	shrub



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
<i>morifolia</i> (Mill.) K. & R.		PROV: bo ca cc ch da	000m: 0-1	RANGE: cag mex sag sao	shrub tree
<i>Dahlia</i> <i>imperialis</i> Ortgies		PROV: ch	000m: 1-2	RANGE: cag col cr mex	herb shrub
<i>pinnata</i> Cav.	cult.	PROV: ch	000m: 1-2	RANGE: wdw	herb
<i>Decachaeta</i> <i>thieleana</i> (Klatt) K. & R.		PROV: ch	000m: 1-2	RANGE: cr	herb shrub
<i>Delilia</i> <i>biflora</i> (L.) Kuntze		PROV: ca cc lo pa vr	000m: 0-1	RANGE: col cr mex	herb
* <i>Diplostephium</i> * <i>costaricense</i> Blake		PROV: ch	000m: 3+	RANGE: cr	shrub
* <i>Dresslerothamnus</i> * <i>angustiradiatus</i> Rob.		PROV: cc pa	000m: 0-1, 1-2	RANGE: end	climber
<i>Dyssodia</i> <i>montana</i> (Benth.) A. Gray		PROV: ca cc ch lo pa	000m: 0-1, 1-2	RANGE: cag gua mex	herb
<i>Eclipta</i> <i>prostrata</i> (L.) L.		PROV: bo ca cc ch cn da lo pa sa	000m: 0-1	RANGE: wdw	herb
<i>Elephantopus</i> <i>angustifolius</i> Sw. <i>dilatatus</i> Gleason <i>mollis</i> H.B.K.		PROV: ca cc ch pa ca cn pa bo ca cc ch cn da he lo pa vr	000m: 0-1, 1-2 000m: 0-1 000m: 0-1, 1-2	RANGE: ang cag mex sag sao RANGE: col cr RANGE: col cr mex per pr ven wdw?	herb herb herb
<i>Eleutheranthera</i> <i>ruderalis</i> (Sw.) Schultz-Bip.		PROV: bo ca cc ch da he pa sa	000m: 0-1	RANGE: ang bol cr jam nas per sao	herb
<i>Emilia</i> <i>fosbergii</i> Nicols. <i>sonchifolia</i> (L.) DC.		PROV: ca ch pa bo ca ch cn da he pa sa	000m: 0-1 000m: 0-1	RANGE: bah cr owg RANGE: cr owg	herb herb
* <i>Erato</i> * <i>polymnioides</i> DC.		PROV: bo	000m: 1-2	RANGE: end	herb
<i>Erechtites</i> <i>hieracifolia</i> DC. --var. <i>cacalioides</i> (Spr.) Griseb.		PROV: bo ca ch cn da	000m: 0-1, 1-2	RANGE: ang cr nag	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

315

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
<i>valerianaefolia</i> (Wolf) DC.		lo pa sa PROV: bo ch	000m: 1-2	RANGE: asi cag? mex oce sag? sao	herb
<b>Erigeron</b>					
<i>annuus</i> (L.) Pers.		PROV: ch	000m: 1-2,2-3	RANGE: eur nag nao	herb
<i>cuneifolius</i> DC.		PROV: ch	000m: 1-2	RANGE: cub gag his pr	herb
<i>karvinskianus</i> DC.		PROV: ch	000m: 1-2,2-3,3+	RANGE: ang asi cr his mex owg per sao ven	subshrub
<b>Fleischmannia</b>					
<i>allenii</i> K. & R.		PROV: ch	000m: 1-2	RANGE: end	herb subshrub
* <i>capillipes</i> (Benth.		PROV: vr	000m: 0-1	RANGE: mex nic	herb
<i>chiriquensis</i> K. & R.		PROV: ch	000m: 1-2,2-3	RANGE: end	herb climber
<i>croatii</i> K. & R.		PROV: ch	000m: 2-3	RANGE: end	herb subshrub
<i>hymenophylla</i> (Klatt) K. & R.		PROV: cc ch	000m: 0-1,1-2	RANGE: cr	herb
<i>microstemon</i> (Cass.) K. & R.		PROV: bo ca da pa sa	000m: 0-1	RANGE: ang cag hon mex sag?	herb
<i>misera</i> (Rob.) K. & R.		PROV: da	000m: 0-1	RANGE: col	herb
<i>panamensis</i> K. & R.		PROV: cc pa	000m: 0-1,1-2	RANGE: end	herb subshrub
<i>pratensis</i> (Klatt) K. & R.		PROV: cc ch da he lo pa	000m: 0-1,1-2	RANGE: cag cr mex sag?	herb subshrub
<i>sideritidis</i> (Benth.		PROV: ca cc cn pa vr	000m: 0-1	RANGE: cr	herb
<i>sinclairii</i> (Benth.		PROV: ca cc ch cn da he lo pa vr	000m: 0-1,1-2	RANGE: cag mex	herb
<i>tysonii</i> K. & R.		PROV: ch	000m: 2-3	RANGE: end	shrub
<b>Galinsoga</b>					
* <i>quadriradiata</i> R. & P.		PROV: cc ch da	000m: 0-1,1-2,2-3	RANGE: cag col cr ecu eur mex nag per sag ven	herb
<b>Garcilassa</b>					
<i>rivularis</i> P. & E.		PROV: bo ca ch da pa	000m: 0-1,1-2	RANGE: bol cr per sag?	herb
<b>Gerbera</b>					
<i>jamesonii</i> Bolus		intr. cult. PROV: ch	000m: 1-2	RANGE: afr	herb
<b>Gnaphalium</b>					
<i>americanum</i> Mill.		PROV: ch	000m: 1-2,2-3,3+	RANGE: sao wdw?	herb
<i>attenuatum</i> DC.		PROV: ch	000m: 0-1,1-2,2-3,3+	RANGE: mex	herb
<i>domingense</i> Lam.		PROV: ch	000m: 0-1,1-2,2-3	RANGE: his nwg? per pr	herb
<i>roseum</i> H.B.K.		PROV: ch	000m: 2-3,3+	RANGE: col	herb
<b>Gongrostylus</b>					
<i>costaricensis</i> (Kuntze) K. & R.		PROV: sa vr	000m: 0-1	RANGE: cr ecu	epiphyte



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
<i>Hebeclinium</i> <i>costaricense</i> K. & R.		PROV: cc pa	000m: 0-1,1-2	RANGE: cr	shrub
* <i>knappii</i> K. & R.		PROV: da	000m: 0-1	RANGE: end	tree
<i>macrophyllum</i> (L.) DC.		PROV: bo ca ch da lo	000m: 0-1	RANGE: cag gui jam mex sag	herb
		pa		sao sao	herb
<i>reedii</i> K. & R.		PROV: da	000m: 0-1	RANGE: end	shrub subshrub
<i>Helichrysum</i> <i>bracteatum</i> (Vent.) Andr. cult.		PROV: ch	000m: 1-2	RANGE: mex owg	herb
<i>Heliopsis</i> <i>buphthalmoides</i> (Jacq.) Dun.		PROV: ch	000m: 1-2	RANGE: bol cag col ecu mex per ven	herb
<i>Heterocondylus</i> <i>vitalbae</i> (DC.) K. & R.		PROV: ca cc ch da he lo pa vr	000m: 0-1,1-2	RANGE: cag? ecu gui hon per sag? sao	herb shrub
<i>Hidalgoa</i> <i>ternata</i> Llave & Lex.		PROV: vr	000m: 0-1,1-2	RANGE: col cr ecu gua mex per ven	climber
<i>Hieracium</i> <i>absissum</i> Less.		PROV: ch	000m: 1-2,2-3	RANGE: cag mex	herb
<i>gronovii</i> L.		PROV: pa	000m: 0-1	RANGE: hon nag	herb
<i>irasuense</i> Benth.		PROV: ch	000m: 1-2,2-3,3+	RANGE: end	herb
<i>Hypochoeris</i> <i>radicata</i> L.		intr. nat. PROV: ch	000m: 1-2	RANGE: eur	herb
<i>Ichthyothere</i> <i>scandens</i> Blake		PROV: da	000m: 1-2	RANGE: col	shrub
<i>Isocarpha</i> <i>oppositifolia</i> (L.) Cass.					
*--var. <i>achyranthes</i> (DC.) Keil & Stuessy		PROV: cc he lo	000m: 0-1	RANGE: abc ang cag col gua jam mex sag? trt ven	herb
<i>Jaegeria</i> <i>hirta</i> (Lag.) Less.		PROV: cc ch pa	000m: 0-1,1-2	RANGE: cag mex sag sao	herb
<i>Jungia</i> <i>ferruginea</i> L. f.		PROV: ch pa	000m: 0-1,1-2,2-3	RANGE: per	climber



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

317

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
Koanophyllon					
dukei K. & R.		PROV: ch	000m: 1-2	RANGE: end	shrub
panamense K. & R.		PROV: bo cc pa	000m: 0-1	RANGE: cr	shrub
*pittieri (Klatt) K. & R.		PROV: bo	000m: 0-1	RANGE: cr	tree
solidaginoides (H.B.K.) K. & R.		PROV: ch pa	000m: 0-1	RANGE: cag cr ecu gal gua	shrub
wetmorei (Rob.) K. & R.		PROV: bo ca pa	000m: 0-1	RANGE: mex per sag? cr	subshrub
					shrub
					tree
*Laestadia					
*costaricensis Blake		PROV: ch	000m: 3+	RANGE: cr	herb
Lagenifera					
*minuscule Cuatr.		PROV: ch	000m: 3+	RANGE: end	herb
panamensis Blake		PROV: ch	000m: 2-3, 3+	RANGE: end	herb
Lasianthaea					
fruticosa (L.) K.M. Becker		PROV: cc ch pa vr	000m: 0-1	RANGE: cag cr mex ven	shrub
nowickeana D'Arcy		PROV: sa	000m: 0-1	RANGE: end	tree
					herb
Leucanthemum					
vulgare L.		intr. cult. PROV: ch	000m: 0-1	RANGE: owg 1	herb
Liabum					
bourgeoui Hieron.		PROV: cc ch da	000m: 0-1, 1-2	RANGE: mex	herb
*megacephalum Schultz-Bip.		PROV: ch	000m: 0-1	RANGE: col mex	subshrub
					herb
Lycoseris					
latifolia (D. Don) Benth.		PROV: ca ch da pa	000m: 0-1	RANGE: cag? col gua ven	shrub
Melampodium					
costaricense Stuessy		PROV: bo ch	000m: 1-2	RANGE: cr	herb
divaricatum (Rich.)		PROV: bo ca cc da lo	000m: 0-1	RANGE: cag col mex owt sao	herb
paniculatum Gardn.		PROV: ch	000m: 2-3	RANGE: ven cag col cr gua hon	herb
				RANGE: mex sai sao	
Melanthera					
angustifolia A. Rich.		PROV: pa	000m: 0-1	RANGE: bah cr cub fla gua	herb
aspera (Jacq.) Small				RANGE: his hon mex	
--var. aspera		PROV: bo ca cc ch cn	000m: 0-1	RANGE: bah cag cub fla nwt	herb
		da lo pa sa vr		RANGE: sat ven	



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
--var. subhastata (O.E. Schulz) D'Arcy		PROV: pa	000m: 0-1	RANGE: cub fla gag gua mex	herb
<i>Mikania</i>					
<i>amblyolepis</i> Rob.		PROV: ca da pa	000m: 0-1	RANGE: col	climber
<i>banisteriae</i> DC.		PROV: da pa vr	000m: 0-1,1-2	RANGE: bol col cr ecu per	climber
<i>cordifolia</i> (L. f.) Willd.		PROV: ca cc ch da pa	000m: 0-1,1-2,2-3	RANGE: sao ven ang cag col cub his	climber
* <i>cristata</i> Rob.		PROV: pa vr	000m: 0-1	RANGE: mex nag? per sag	climber
<i>guaco</i> H. & B.		PROV: bo ca ch da pa	000m: 0-1,1-2	RANGE: cr	climber
<i>hookeriana</i> DC.		PROV: sa ca cc cn pa sa	000m: 0-1,1-2	RANGE: cag col cr mex sao	climber
<i>houstoniana</i> (L.) Rob.		PROV: bo	000m: 0-1	RANGE: sag? sao ven	climber
<i>leiostachya</i> Benth.		PROV: ca cn pa	000m: 0-1	RANGE: bol cag? mex sag?	climber
<i>miconioides</i> Rob.		PROV: bo ch	000m: 1-2,2-3	RANGE: cag col	climber
<i>micrantha</i> H.B.K.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1,1-2	RANGE: col cr	climber
* <i>parviflora</i> (Aubl.) Karst.		PROV: da	000m: 0-1	RANGE: ang bol cag mex sag? sao ven	climber
<i>pittieri</i> Rob.		PROV: ch	000m: 1-2	RANGE: col	climber
<i>psilostachya</i> DC.		PROV: ca cn pa	000m: 0-1	RANGE: cr	climber
<i>tonduzii</i> Rob.		PROV: ca	000m: 0-1	RANGE: bol gui per sao ven	climber
<i>tysonii</i> K. & R.		PROV: bo cc pa	000m: 0-1	RANGE: cag cr mex	climber
<i>zonensis</i> K. & R.		PROV: ca	000m: 0-1	RANGE: end	climber subshrub
<i>Milleria</i>					
<i>quinqueflora</i> L.	cult.	PROV: ca cc ch cn he pa vr	000m: 0-1	RANGE: cag col ecu mex per herb sat ven	herb
<i>Montanoa</i>					
<i>hibiscifolia</i> (Benth.)		PROV: ch	000m: 2-3	RANGE: cag cr mex	shrub
* <i>Munnozia</i>					
* <i>senecionidis</i> Benth.		PROV: ch	000m: 2-3	RANGE: mex	climber
<i>Neomirandea</i>					
<i>allenii</i> K. & R.		PROV: cc da pa vr	000m: 0-1,1-2	RANGE: col	epiph
<i>araliaefolia</i> (Less.) K. & R.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag gua mex	shrub epiph
<i>arthodes</i> (Rob.) K. & R.		PROV: bo ch	000m: 1-2,2-3	RANGE: cr	shrub epiph
<i>chiriquensis</i> K. & R.		PROV: ch	000m: 1-2	RANGE: end	shrub
<i>croatii</i> K. & R.		PROV: ch	000m: 2-3	RANGE: end	shrub epiph
<i>eximia</i> (Rob.) K. & R.		PROV: ch vr	000m: 0-1,1-2,2-3	RANGE: cr	shrub epiph
* <i>folsomiana</i> Dillon & D'Arcy		PROV: cc	000m: 0-1	RANGE: end	shrub herb



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
<i>gracilis</i> K. & R.		PROV: vr	000m: 0-1	RANGE: end	epiph shrub
<i>homogama</i> (Hieron.) Rob. & Brett.		PROV: bo cc	000m: 0-1,1-2	RANGE: col ecu	herb shrub
<i>panamensis</i> K. & R.		PROV: bo	000m: 1-2,2-3	RANGE: end	herb
<i>pseudopsoralea</i> K. & R.		PROV: ch	000m: 1-2	RANGE: end	epiph shrub
<i>standleyi</i> (Rob.) K. & R.		PROV: ch	000m: 1-2,2-3	RANGE: cr	herb shrub
* <i>tenuipes</i> K. & R.		PROV: bo ch	000m: 1-2	RANGE: wr	epiph shrub
* <i>ternata</i> K. & R.		PROV: ch	000m: 1-2	RANGE: wr	epiph
<i>Neurolaena</i>					
<i>lobata</i> (L.) Cass		PROV: bo ca cc ch cn da lo pa	000m: 0-1	RANGE: ang cag col mex per sat	herb subshrub
<i>Onoseris</i>					
<i>onoseroideis</i> (H.B.K.) Rob.		PROV: ch	000m: 1-2	RANGE: cag? col gua ven	shrub
<i>Oyedaea</i>					
<i>verbesinoides</i> DC.		PROV: cc ch he pa	000m: 0-1,1-2	RANGE: ven	herb
<i>Parthenium</i>					
<i>hysterophorus</i> L.		PROV: he	000m: 0-1	RANGE: ang gua hon mex wdw?	herb
<i>Pectis</i>					
* <i>bonplandiana</i> H.B.K.		PROV: ca cc ch pa	000m: 0-1	RANGE: ang? cag cub mex	herb
<i>elongata</i>					
--var. <i>floribunda</i> (A. Rich.) Keil		PROV: bo da	000m: 0-1	RANGE: ang cag? cub jam mex sag?	herb
--var. <i>oerstediana</i> (Rydb.) Keil		PROV: ca cc ch he pa vr	000m: 0-1	RANGE: cag gua nic	herb
* <i>linifolia</i> L.					
*--var. <i>linifolia</i>		PROV: cn	000m: 0-1	RANGE: mex per	herb
<i>multiflosculosa</i> (DC.) Schultz-Bip.		PROV: ch lo	000m: 0-1	RANGE: cag? col cr ecu hon mex per	herb
<i>prostrata</i> Cav.		PROV: ca	000m: 0-1	RANGE: cag? cub gua mex nag?	herb
* <i>Pentacalia</i>					
* <i>andicola</i> (Turcz.) Cuatr.		PROV: ch	000m: 3+	RANGE: cr ecu per	shrub
* <i>firmipes</i> (Greenm.) Cuatr.		PROV: ch	000m: 3+	RANGE: cr	shrub
* <i>streptothamna</i> (Standl.) H.E. Rob.		PROV: wp	000m: we	RANGE: cr nic	herb
* <i>wilburii</i> H.E. Rob.		PROV: bo ch vr	000m: 1-2,2-3	RANGE: cr sat	herb climber



TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
Piptocarpha *poeppigiana (DC.) Baker		PROV: cc da pa	000m: 0-1	RANGE: cr nic	climber shrub
Piqueria trinervia Cav.		PROV: ch	000m: 2-3,3+	RANGE: cag cr his mex	herb
Pluchea carolinensis (Jacq.) G. Don odorata (L.) Cass.	cult.	PROV: ca cn vr PROV: ca	000m: 0-1 000m: 0-1	RANGE: ang nao RANGE: ang cr jam nag?	shrub herb
Pollalesta discolor (H.B.K.) Arist.		PROV: ch pa vr	000m: 0-1,1-2	RANGE: col cr ven	shrub tree
Porophyllum ruderale (Jacq.) Cass. --var. macrocephalum (DC.) Cronq. --var. ruderale		PROV: ca cc PROV: ca da lo pa	000m: 0-1 000m: 0-1	RANGE: bol cag col gui mex nao tex RANGE: ang? cr gui per sag sao	herb herb
Pseudelephantopus spicatus (Juss.) Baker spiralis (Less.) Cronq.		PROV: bo ca cc ch cn da lo pa sa PROV: da vr	000m: 0-1 000m: 0-1	RANGE: ang cag mex per sag? sal RANGE: bol col cr jam lag sao ven	herb subshrub herb
*Pseudogynoxys *chenopodioides (H.B.K.) Cabrera *cummingii (Benth.) H.E. Rob. & Cuatr.		PROV: bo ca cc he lo pa vr PROV: wp	000m: 0-1 000m: we	RANGE: ang cag cr mex nic sao RANGE: cag col mex ven	climber climber
Pterocaulon virgatum (L.) DC.		PROV: pa	000m: 0-1	RANGE: ang? nao	herb
Rolandra fruticosa (L.) Kuntze		PROV: bo ca cc ch cn da he pa sa vr	000m: 0-1	RANGE: cag? gui hon lag pr sag? sao	herb subshrub
*Roldana *heterogama (Hemsl.) H.E. Rob. & Brett.		PROV: ch	000m: 2-3	RANGE: cr	subshrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

321

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
Rumfordia					
*guatemalensis (Coult.) Blake		PROV: ch	000m: 1-2	RANGE: cr gua mex	herb
Sabazia					
sarmentosa Less.					
--var. papposa (Blake) Canne		PROV: ch	000m: 1-2,2-3,3+	RANGE: cr	herb
Salmea					
scandens (L.) DC.		PROV: ca cc	000m: 0-1	RANGE: mex	shrub
Schistocarpha					
croatii H.E. Rob.		PROV: ch	000m: 2-3	RANGE: end	subshrub
*eupatorioides (Fenzl) Kuntze		PROV: bo ca cc ch cn lo pa	000m: 0-1	RANGE: bol cag mex sao sat	herb subshrub
Sciadocephala					
dressleri K. & R.		PROV: pa sa	000m: 0-1	RANGE: end	herb
Sclerocarpus					
divaricatus (Benth.) Hemsl.		PROV: ch	000m: 0-1	RANGE: cag col mex ven	herb
Senecio					
boquetensis Standl.		PROV: ch	000m: 1-2	RANGE: end	herb subshrub
cooperi Greenm.		PROV: bo ch	000m: 2-3	RANGE: cr	herb
megaphyllus Greenm.		PROV: ch	000m: 3+	RANGE: cr	herb shrub
oerstedianus Benth.		PROV: ch	000m: 3+	RANGE: cr	herb
Sigesbeckia					
jorullensis H.B.K.		PROV: ch	000m: 1-2	RANGE: cr gua his mex sag? sao	herb
Simsia					
panamensis Rob. & Brett.		PROV: ca cc he lo pa	000m: 0-1	RANGE: end	herb
*Sinclairia					
polyantha (Klatt) Rydb.		PROV: cc ch cn pa	000m: 0-1,1-2	RANGE: wr	subshrub climber
*Smallanthus					
*maculatus (Cav.) Rob.					
*--var. maculatus		PROV: ch he vr	000m: 0-1,1-2,2-3	RANGE: cag mex	herb
Sonchus					
asper (L.) Hill		intr. nat. PROV: ch	000m: 1-2,2-3	RANGE: eur	herb
oleraceus L.		intr. nat. PROV: cc ch	000m: 0-1,1-2,2-3	RANGE: cr owg?	herb



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

322

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
<i>Spilanthes</i>					
<i>alba</i> L'Her.		PROV: ca cc cn da he lo pa vr	000m: 0-1	RANGE: cag col mex per sag ven	herb
<i>diffusa</i> P. & E.		PROV: cc he	000m: 0-1	RANGE: per	herb
<i>oppositifolia</i> (Lam.) D'Arcy		PROV: ch	000m: 1-2,2-3	RANGE: cag? col cr nag? nao sag? sao	herb
<i>paniculata</i> DC.		PROV: ca da	000m: 0-1	RANGE: bol owg	herb
<i>Spiracantha</i>					
<i>cornifolia</i> H.B.K.		PROV: ca cc cn da he pa	000m: 0-1	RANGE: bel cag? ven	herb
<i>Stevia</i>					
<i>caracasana</i> DC.		PROV: cc ch	000m: 0-1,1-2	RANGE: cag col mex ven	herb
<i>lucida</i> Lag.		PROV: ch	000m: 1-2,2-3,3+	RANGE: cag col mex ven	shrub
<i>ovata</i> Willd.		PROV: ch	000m: 1-2	RANGE: cag ecu mex ven	herb
<i>triflora</i> DC.		PROV: ch pa	000m: 0-1,1-2	RANGE: cag col ecu mex ven	herb
<i>Struchium</i>					
<i>sparganophorum</i> (L.) Kuntze		PROV: bo ca da pa	000m: 0-1	RANGE: ang cag mex sat	herb
<i>Synedrella</i>					
<i>nodiflora</i> (L.) Gaertn.		PROV: bo ca cc ch cn da he lo pa sa vr	000m: 0-1	RANGE: wwt	herb
<i>Tagetes</i>					
<i>erecta</i> L.	cult.	PROV: bo ca cc ch pa	000m: 0-1,1-2	RANGE: cag mex owt sag	herb
<i>filifolia</i> Lag.		PROV: ch	000m: 0-1,1-2	RANGE: cag ecu mex per sag? sao	herb
<i>microglossa</i> Benth.		PROV: ch vr	000m: 1-2	RANGE: cag col cr ecu	herb
* <i>Tanacetum</i>					
* <i>parthenium</i> (L.) Schultz-Bip.	intr. cult.	PROV: ch	000m: 1-2	RANGE: eur	herb
<i>Taraxacum</i>					
<i>officinale</i> Wiggers		PROV: ch	000m: 1-2	RANGE: wdw	herb
* <i>Telanthophora</i>					
<i>arborescens</i> (Steetz) H.E. Rob. & Brett.		PROV: ch	000m: 1-2,2-3	RANGE: end	shrub tree
<i>Tessaria</i>					
<i>integrifolia</i> R. & P.		PROV: ch da	000m: 0-1	RANGE: per	tree shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

323

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
<i>Tithonia</i>					
<i>diversifolia</i> (Hemsl.) A. Gray cult.		PROV: cc pa	000m: 0-1	RANGE: ang cag gag his mex ven	herb
<i>rotundifolia</i> (Mill.) Blake		PROV: cc ch he pa	000m: 0-1	RANGE: ang cag col mex sao sat	herb
<i>Trichospira</i>					
<i>verticillata</i> (L.) Blake		PROV: pa	000m: 0-1	RANGE: nwt	herb
<i>Tridax</i>					
<i>procumbens</i> L.		PROV: bo ca cc ch da lo pa	000m: 0-1	RANGE: cag col mex wdv?	herb
<i>Trixis</i>					
<i>inula</i> Grantz		PROV: ch da he lo pa vr	000m: 0-1	RANGE: ang cag col cub gua jam mex tex ven	herb
<i>Tuberostylis</i>					
<i>rhizophorae</i> Steetz		PROV: da	000m: 0-1	RANGE: col ecu	shrub
<i>Unxia</i>					
<i>camphorata</i> L. f.		PROV: ca	000m: 0-1	RANGE: col gui sao ven	herb
<i>Verbesina</i>					
* <i>baruensis</i> Hammel & D'Arcy		PROV: ch	000m: 3+	RANGE: end	climber tree
<i>fuscasicans</i> D'Arcy		PROV: pa	000m: 0-1	RANGE: end	shrub
<i>gigantea</i> Jacq.		PROV: ca cc ch pa	000m: 0-1	RANGE: cag col his mex	herb
<i>guatemalensis</i> Rob. & Greenm.		PROV: ca	000m: 0-1	RANGE: gua hon nic	herb shrub
<i>lanata</i> Rob. & Greenm.		PROV: pa	000m: 0-1	RANGE: bel cr gua hon mex nic	shrub tree
<i>oerstadiana</i> Benth.		PROV: ch da	000m: 1-2, 2-3	RANGE: cr	shrub tree
<i>sublobata</i> Benth.		PROV: he	000m: 0-1	RANGE: gua	shrub
<i>turbacensis</i> H.B.K.		PROV: ch pa	000m: 0-1, 1-2	RANGE: cag col mex sat ven	shrub tree
<i>Vernonia</i>					
* <i>arborescens</i> Sv.		PROV: ca cc ch ch he lo pa vr	000m: 0-1	RANGE: cag mex per sag	shrub herb
<i>brachiata</i> Benth.		PROV: bo ch	000m: 0-1	RANGE: cr	herb shrub
<i>cinerea</i> (L.) Less.		PROV: ca pa	000m: 0-1	RANGE: cag fla mex owg sag	herb
<i>patens</i> H.B.K.		PROV: bo ca cc ch ch da he pa vr	000m: 0-1, 1-2	RANGE: cag mex sag	shrub tree
<i>seemanniana</i> Steetz		PROV: cc	000m: 0-1	RANGE: cag cr nag sat	shrub



FLORA OF PANAMA CHECKLIST  
 (\* - not in Flora of Panama under this name)

324

TAXON	FAMILY	PROVINCES	ELEVATION (000M.)	RANGE OUTSIDE OF PANAMA	HABIT
280 (184) COMPOSITAE cont.					
triflosculosa H.B.K.		PROV: ch	000m: 0-1,1-2	RANGE: cag mex	shrub tree
<i>Viguiera</i>					
cordata (Hook. & Arn.) D'Arcy		PROV: cc ch he	000m: 0-1,1-2	RANGE: cag col mex nic ven	herb
sylvatica Klatt		PROV: ch	000m: 1-2	RANGE: cr	herb
tenuis A. Gray		PROV: cc	000m: 0-1	RANGE: cr mex	herb
<i>Wedelia</i>					
calycina Rich.		PROV: ca cc he pa	000m: 0-1	RANGE: cr cub gui lag? mex sao ven	shrub
inconstans D'Arcy		PROV: cc he pa	000m: 0-1	RANGE: end	herb subshrub
keatingii D'Arcy		PROV: cc	000m: 0-1	RANGE: cr nwt	herb
parviceps Blake		PROV: ch vr	000m: 1-2	RANGE: cag gua mex	herb
trilobata (L.) Hitchc.	cult.	PROV: bo ca cn lo pa sa vr	000m: 0-1	RANGE: nwt	subshrub herb
<i>*Werneria</i>					
*nubigena H.B.K.		PROV: ch	000m: 0-1	RANGE: mex sat	herb
<i>Wulffia</i>					
baccata (L. f.) Kuntze		PROV: bo ca cc cn da he pa sa	000m: 0-1,1-2	RANGE: nwt	climber
<i>Youngia</i>					
japonica (L.) DC.		PROV: ca ch	000m: 0-1,1-2	RANGE: cr	herb
<i>*Zexmenia</i>					
*mikanioides (Britt.) Blake					
*--var. australis (Blake) Hartman & Stuessy		PROV: pa	000m: 0-1	RANGE: bol per ven	herb
virgulta Klatt		PROV: bo ch pa vr	000m: 0-1,1-2	RANGE: cr	shrub
<i>Zinnia</i>					
violacea Cav.	cult.	PROV: ca cn sa	000m: 0-1	RANGE: ang fla gua mex sag	herb



- ACANTHACEAE (ACA) 284  
 AIZOACEAE (AIZ) 117  
 ALISMATACEAE (ALI) 2  
 AMARANTHACEAE (AMA) 116  
 AMARYLLIDACEAE (AML) 49  
 ANACARDIACEAE (ANA) 148  
 ANNONACEAE (ANN) 122  
 APOCYNACEAE (APO) 243  
 AQUIFOLIACEAE (AQF) 175  
 ARACEAE (ARA) 30  
 ARALIACEAE (ARL) 226  
 ARAUCARIACEAE (ARU) 1  
 ARISTOLOCHIACEAE (ARS) 112  
 ASCLEPIADACEAE (ASC) 247  
 AVICENNIACEAE (AVI) 259  
 BALANOPHORACEAE (BNP) 111  
 BALSAMINACEAE (BLS) 183  
 BASELLACEAE (BAS) 118  
 BATACEAE (BAT) 117  
 BEGONIACEAE (BEG) 206  
 BERBERIDACEAE (BER) 120  
 BETULACEAE (BET) 102  
 BIGNONIACEAE (BIG) 270  
 BIXACEAE (BIX) 200  
 BOMBACACEAE (BOM) 190  
 BORAGINACEAE (BOR) 252  
 BROMELIACEAE (BML) 41  
 BRUNELLIACEAE (BNL) 133  
 BURMANNIACEAE (BMN) 57  
 BURSERACEAE (BRS) 160  
 BUTOMACEAE (BUT) 3  
 BUXACEAE (BUX) 148  
 CACTACEAE (CAC) 206  
 CALLITRICHACEAE (CLL) 148  
 CAMPANULACEAE (CAM) 308  
 CANNACEAE (CNA) 55  
 CAPPARACEAE (CPP) 130  
 CAPRIFOLIACEAE (CPR) 305  
 CARICACEAE (CRC) 205  
 CARYOCARACEAE (CCR) 194  
 CARYOPHYLLACEAE (CRY) 118  
 CASUARINACEAE (CAS) 93  
 CELASTRACEAE (CEL) 176  
 CERATOPHYLLACEAE (CTP) 119  
 CHENOPODIACEAE (CHN) 114  
 CHLORANTHACEAE (CLR) 100  
 CISTACEAE (CIS) 199  
 CLETHRACEAE (CLE) 229  
 COCHLOSPERMACEAE (CCH) 200  
 COMBRETACEAE (CMB) 212  
 COMMELINACEAE (CMM) 46  
 COMPOSITAE (CMP) 310  
 CONNARACEAE (CNN) 134  
 CONVOLVULACEAE (CNV) 249  
 CORIARIACEAE (CRR) 148  
 CORNACEAE (COR) 228  
 CRASSULACEAE (CRS) 132  
 CRUCIFERAE (CRU) 129  
 CUCURBITACEAE (CUC) 306  
 CUNONIACEAE (CUN) 133  
 CYCADACEAE (CCD) 1  
 CYCLANTHACEAE (CYC) 28  
 CYPERACEAE (CYP) 18  
 CYRILLACEAE (CYR) 175  
 DICHAPETALACEAE (DCH) 167  
 DILLENACEAE (DLL) 192  
 DIOSCOREACEAE (DSC) 50  
 DROSERACEAE (DRS) 132  
 EBENACEAE (EBN) 239  
 ELAEOCARPACEAE (ELC) 184  
 ERICACEAE (ERI) 229  
 ERIOCAULACEAE (ERO) 40  
 ERYTHROXYLACEAE (ERX) 157  
 EUPHORBIACEAE (EUP) 168  
 FAGACEAE (FAG) 102  
 FLACOURTIACEAE (FLC) 201  
 FUMARIACEAE (FUM) 129  
 GENTIANACEAE (GEN) 241  
 GERANIACEAE (GER) 155  
 GESNERIACEAE (GSN) 276  
 GNETACEAE (GNE) 1  
 GRAMINEAE (GRM) 4  
 GUTTIFERAE (GUT) 196  
 HAEMODORACEAE (HAE) 49  
 HALORAGACEAE (HAL) 226  
 HAMAMELIDACEAE (HAM) 133  
 HERNANDIACEAE (HRN) 128  
 HIPPOCASTANACEAE (HCS) 179  
 HIPPOCRATEACEAE (HPC) 177  
 HUMIRIACEAE (HOU) 157  
 HYDROCARYACEAE (HCY) 215  
 HYDROCHARITACEAE (HDC) 3  
 HYDROPHYLLACEAE (HYD) 252  
 HYPERICACEAE (HYP) 199  
 ICACINACEAE (ICC) 178  
 IRIDACEAE (IRI) 51  
 JUGLANDACEAE (JUG) 101  
 JUNCACEAE (JUN) 48  
 JUNCAGINACEAE (JCG) 2  
 LABIATAE (LAB) 259  
 LACISTEMATACEAE (LCS) 101  
 LAURACEAE (LAU) 126  
 LECYTHIDACEAE (LCY) 210  
 LEGUMINOSAE (LEG) 136  
 LEMNACEAE (LMN) 39  
 LENTIBULARIACEAE (LNT) 253  
 LILIACEAE (LIL) 48  
 LINACEAE (LIN) 157  
 LOASACEAE (LOA) 206  
 LOGANIACEAE (LOG) 241  
 LORANTHACEAE (LOR) 108  
 LYTHRACEAE (LYT) 210  
 MAGNOLIACEAE (MAG) 122  
 MALPIGHIACEAE (MLP) 164  
 MALVACEAE (MLV) 186  
 MARANTACEAE (MRN) 55  
 MARCGRAVIACEAE (MRC) 194  
 MARTYNIACEAE (MAR) 276  
 MAYACACEAE (MAY) 40  
 MELASTOMATACEAE (MLS) 215  
 MELIACEAE (MEL) 161  
 MENISPERMACEAE (MNS) 120  
 MENYANTHACEAE (MNY) 243  
 MONIMIACEAE (MNM) 125  
 MORACEAE (MOR) 103  
 MORINGACEAE (MRG) 131  
 MUSACEAE (MUS) 51  
 MYRICACEAE (MYR) 101  
 MYRISTICACEAE (MYS) 124  
 MYRSINACEAE (MRS) 233  
 MYRTACEAE (MRT) 213  
 NAJADACEAE (NAJ) 2  
 NYCTAGINACEAE (NYC) 116  
 NYMPHAEACEAE (NYM) 119  
 OCHNACEAE (OCH) 194  
 OLACACEAE (OLC) 111  
 OLEACEAE (OLE) 240  
 ONAGRACEAE (ONA) 224  
 PASSIFLORACEAE (PAS) 204  
 PEDALIACEAE (PED) 276  
 PHYTOLACCACEAE (PHT) 117  
 PIPERACEAE (PIP) 93  
 PLANTAGINACEAE (PTG) 288  
 PLUMBAGINACEAE (PLB) 237  
 PODOCARPACEAE (PDC) 1  
 PODOSTEMACEAE (PDS) 132  
 POLEMONIACEAE (PLM) 251  
 POLYGALACEAE (PGL) 166  
 POLYGONACEAE (PLG) 112  
 PONTEDERIACEAE (PON) 47  
 PORTULACACEAE (POR) 118  
 POTAMOGETONACEAE (POT) 2  
 PRIMULACEAE (PRM) 237  
 PROTEACEAE (PRT) 108  
 QUIINACEAE (QUI) 196  
 RAFFLESIIACEAE (RAF) 112  
 RANUNCULACEAE (RAN) 120  
 RAPATEACEAE (RPT) 41  
 RESEDACEAE (RSD) 131  
 RHAMNACEAE (RHM) 183  
 RHIZOPHORACEAE (RHZ) 211  
 ROSACEAE (ROS) 134  
 RUBIACEAE (RUB) 288  
 RUTACEAE (RUT) 158  
 SABIACEAE (SAB) 182  
 SALICACEAE (SAL) 101  
 SAPINDACEAE (SAP) 179  
 SAPOTACEAE (SPT) 237  
 STYRACACEAE (STY) 239  
 SYMPLOCACEAE (SYM) 240  
 TACCACEAE (TAC) 50  
 THEACEAE (TEA) 196  
 THEOPHRASTACEAE (TEO) 233  
 THYMELAEACEAE (THY) 209  
 TILIACEAE (TIL) 184  
 TOVARIACEAE (TOV) 129  
 TRIGONIACEAE (TRG) 166  
 TRIURIDACEAE (TRI) 4  
 TROPAEOLACEAE (TRP) 157  
 TURNERACEAE (TNR) 204  
 TYPHACEAE (TYP) 2  
 ULMACEAE (ULM) 102  
 UMBELLIFERAE (UMB) 227  
 URTICACEAE (URT) 106  
 VALERIANACEAE (VAL) 305  
 VELLOZIACEAE (VLL) 50  
 VERBENACEAE (VRB) 253  
 VIOLACEAE (VIO) 201  
 VITACEAE (VIT) 184  
 VOCHYSIACEAE (VOC) 166  
 WINTERACEAE (WIN) 122  
 XYRIDACEAE (XYR) 40  
 ZINGIBERACEAE (ZIN) 53  
 ZYGOPHYLLACEAE (ZYG) 158



**SYMBOLS FOR OCCURRENCES OUTSIDE OF PANAMA**

**1. BY SYMBOL.**

abc . . . Aruba, Bonaire, Curaçao	ecu . . . Ecuador	lag . . . Lesser Antilles (general)	per . . . Peru
afr . . . Africa	end . . . endemic to Panama	mex . . . Mexico	pr . . . Puerto Rico
ang . . . Antilles (general)	eur . . . Florida	nag . . . North America	sag . . . South America general
asi . . . Asia	exp . . . to be expected in Panama	nao . . . U.S.A.	sal . . . El Salvador
bah . . . Bahamas	fla . . . Florida	nas . . . Southern United States	sao . . . South America other (Brazil, etc.)
bel . . . Belize	gag . . . Greater Antilles (general)	nic . . . Nicaragua	sat . . . South America tropical
bol . . . Bolivia	gal . . . Galapagos	not . . . not in Panama	tex . . . Texas
cag . . . Central America (general)	gua . . . Guatemala	nwg . . . New World (general)	trt . . . Trinidad, Tobago
cal . . . California	gui . . . Guianas	nwt . . . New World (tropical)	ven . . . Venezuela
col . . . Colombia	his . . . Hispaniola	oce . . . Oceania (incl. Australia)	wdt . . . Pantropical
cr . . . Costa Rica	hon . . . Honduras	owg . . . Old World general	wdw . . . Cosmopolitan (worldwide)
cub . . . Cuba	jam . . . Jamaica	owt . . . Old World tropical	wr . . . without range

**SYMBOLS FOR OCCURRENCES OUTSIDE OF PANAMA**

**2. BY REGION.**

<b>PANAMA</b>		<b>NORTH AMERICA</b>		<b>SOUTH AMERICA</b>		<b>ANTILLES</b>		<b>OLD WORLD</b>	
endemic . . . . .	end	Florida . . . . .	fla	Colombia . . . . .	col	Bahamas . . . . .	bah	Africa . . . . .	afr
to be expected in Panama	exp	Texas . . . . .	tex	Venezuela . . . . .	ven	Cuba . . . . .	cub	Europe . . . . .	eur
not in Panama . . . . .	not	California . . . . .	cal	Guianas . . . . .	gui	Hispaniola . . . . .	his	Asia . . . . .	asi
		Mexico . . . . .	mex	Ecuador . . . . .	ecu	Puerto Rico . . . . .	pr	Oceania . . . . .	oce
<b>CENTRAL AMERICA</b>		Southern United States . .	nas	Galapagos . . . . .	gal	Trinidad, Tobago . . . . .	trt	Old World general	owg
Costa Rica . . . . .	cr	United States . . . . .	nao	Peru . . . . .	per	Aruba, Bonaire, Curaçao	abc	Old World tropical	owt
Nicaragua . . . . .	nic	(North America other)		Bolivia . . . . .	bol	Greater Antilles general .	gag		
El Salvador . . . . .	sal	North America . . . . .	nag	South America tropical	sat	Lesser Antilles general .	lag	<b>NEW WORLD</b>	
Guatemala . . . . .	gua	(North America general,		South America general	sag	Antilles general . . . . .	ang	New World tropical	nwt
Belize . . . . .	bel	includes Canada)		South America other .	sao			New World general	nwg
Central America general .	cag			(includes Brazil)					
		<b>GENERAL</b>							
		Pantropical . . . . .	wdt						
		(worldwide, tropical)							
		Cosmopolitan (worldwide)	wdw						
		Without range . . . . .	wr						

**ELEVATION SYMBOLS**

- 0 . . below 1000 m
- 1 . . 1,000–2,000 m
- 2 . . 2,000–3,000 m
- 3 . . 3,000 m and over
- we . . elevation not available



LIST OF FAMILIES

Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)	Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)	Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)
ACANTHACEAE	ACA	266	(177)	CAMPANULACEAE	CAM	276	(183)	DROSERACEAE	DRS	112	(76a)
AIZOACEAE	AIZ	84	(57)	CASUARINACEAE	CAS	51	(—)	DIOSCOREACEAE	DSC	43	(26)
ALISMATACEAE	ALI	15	(4)	CYCADACEAE	CCD	1	(1)	EBENACEAE	EBN	240	(155)
AMARANTHACEAE	AMA	79	(53)	COCHLOSPERMACEAE	CCH	195	(126)	ELAEOCARPACEAE	ELC	171	(113)
AMARYLLIDACEAE	AML	40	(24)	CARYOCARACEAE	CCR	183	(120)	ERICACEAE	ERI	233	(148, 149)
ANACARDIACEAE	ANA	153	(101)	CELASTRACEAE	CEL	158	(103)	ERIOCAULACEAE	ERO	30	(15)
ANNONACEAE	ANN	98	(67)	CHENOPODIACEAE	CHN	78	(52)	ERYTHROXYLACEAE	ERX	134	(87)
APOCYNACEAE	APO	247	(162)	CISTACEAE	CIS	193	(124)	EUPHORBIACEAE	EUP	147	(97)
AQUIFOLIACEAE	AQF	157	(102)	CLETHRACEAE	CLE	230	(147)	FAGACEAE	FAG	62	(41)
ARACEAE	ARA	23	(11)	CALLITRICHACEAE	CLL	148	(98)	FLACOURTIACEAE	FLC	199	(128)
ARALIACEAE	ARL	227	(144)	CHLORANTHACEAE	CLR	54	(35)	GENTIANACEAE	GEN	246	(160, 161)
ARISTOLOCHIACEAE	ARS	74	(50)	COMBRETACEAE	CMB	221	(139)	GERANIACEAE	GER	129	(85)
ARAUCARIACEAE	ARU	6	(—)	COMMELINACEAE	CMM	33	(18)	GNETACEAE	GNE	7	(2a)
ASCLEPIADACEAE	ASC	248	(163)	COMPOSITAE	CMP	280	(184)	GRAMINEAE	GRM	19	(7)
AVICENNIACEAE	AVI	253a	(168a)	CANNACEAE	CNA	47	(31)	GESNERIACEAE	GSN	262	(175)
BASELLACEAE	BAS	86	(58a)	CONNARACEAE	CNN	127	(82)	GUTTIFERAE	GUT	187	(123)
BATACEAE	BAT	81	(55)	CONVOLVULACEAE	CNV	249	(164)	HAEMODORACEAE	HAE	39	(23)
BEGONIACEAE	BEG	208	(133)	CORNACEAE	COR	229	(146)	HALORAGACEAE	HAL	225	(143)
BERBERIDACEAE	BER	93	(63)	CAPPARACEAE	CPP	107	(73)	HIPPOCASTANACEAE	HCS	164	(107)
BETULACEAE	BET	61	(40)	CAPRIFOLIACEAE	CPR	271	(180)	HYDROCHARITACEAE	HOC	17	(5a)
BIGNONIACEAE	BIG	258	(172)	CARICACEAE	CRC	205	(131)	HUMIRIACEAE	HOU	133	(87a)
BIXACEAE	BIX	194	(125)	CORIARIACEAE	CRR	151	(100)	HIPPOCRATEACEAE	HPC	159	(104)
BALSAMINACEAE	BLS	168	(110)	CRASSULACEAE	CRS	115	(77)	HERNANDIACEAE	HRN	103	(71)
BROMELIACEAE	BML	32	(17)	CRUCIFERAE	CRU	105	(74)	HYDROPHYLLACEAE	HYD	251	(166)
BURMANNIACEAE	BMN	49	(28)	CARYOPHYLLACEAE	CRY	87	(58)	HYPERICACEAE	HYP	187	(123a)
BRUNELLIACEAE	BNL	119	(80a)	GERATOPHYLLACEAE	CTP	89	(61)	ICACINACEAE	ICC	182	(126)
BALANOPHORACEAE	BNP	73	(48)	CUCURBITACEAE	CUC	275	(182)	IRIDACEAE	IRE	44	(27)
BOMBACACEAE	BOM	177	(116)	CUNONIACEAE	CUN	120	(80)	JUGLANDACEAE	JUG	60	(38)
BORAGINACEAE	BOR	252	(167)	CYCLANTHACEAE	CYC	22	(10)	JUNCACEAE	JUN	36	(20)
BURSERACEAE	BRS	139	(91)	CYPERACEAE	CYP	20	(8)	LABIATAE	LAB	254	(188)
BUTOMACEAE	BUT	16	(5)	CYRILLACEAE	CYR	154	(101a)	LAURACEAE	LAU	102	(70)
BUXACEAE	BUX	149	(98)	DICHPETALACEAE	DCH	148	(96a)	LACISTENATACEAE	LCS	58	(36)
CACTACEAE	CAC	219	(134)	DILLENIACEAE	DLL	183	(118)	LECYTHACEAE	LCY	219	(137)



LIST OF FAMILIES (continued)

Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)	Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)	Family Name	Acronym (Weber 1982)	Dalla Torre & Harms	(Flora of Panama)
LEGUMINOSAE	LEG	128	(83)	OLEACEAE	OLE	243	(158)	RUTACEAE	RUT	137	(89)
LILIACEAE	LIL	38	(21, 22)	ONAGRACEAE	ONA	224	(142)	SABIACEAE	SAB	166	(109)
LEMNACEAE	LMN	24	(12)	OPILIACEAE	OPI	71	(47)	SALICACEAE	SAL	56	(37)
LENTIBULARIACEAE	LNT	264	(176)	ORCHIDACEAE	ORC	50	(33)	SAPINDACEAE	SAP	165	(108)
LOASACEAE	LOA	206	(132)	OROBANCHACEAE	ORO	261	(174)	SAXIFRAGACEAE	SAX	117	(79)
LOGANIACEAE	LOG	245	(159)	OXALIDACEAE	OXL	130	(84)	SCROPHULARIACEAE	SCR	257	(171)
LORANTHACEAE	LOR	67	(46)	PALMAE	PAL	21	(9)	SIMAROUBACEAE	SMR	138	(90)
LYTHRACEAE	LYT	216	(136)	PAPAVERACEAE	PAP	104	(72)	SOLANACEAE	SOL	256	(170)
MAGNOLIACEAE	MAG	95	(65)	PASSIFLORACEAE	PAS	203	(130)	SAPOTACEAE	SPT	239	(154)
MARTYNIACEAE	MAR	260	(—)	PODOCARPACEAE	PDC	5	(2)	STAPHYLEACEAE	STP	161	(105)
MAYACACEAE	MAY	28	(13)	PODOSTEMACEAE	PDS	113	(78)	STERCULIACEAE	STR	178	(117)
MELIACEAE	MEL	140	(92)	PEDALIACEAE	PED	259	(173)	STYRACACEAE	STY	241	(156)
MALPIGHIACEAE	MLP	141	(93)	POLYGALACEAE	PGL	145	(96)	SYMPLOCACEAE	SYM	242	(157)
MELASTOMATAACEAE	MLS	223	(141)	PHYTOLACCACEAE	PHT	83	(56)	THEACEAE	TEA	186	(122)
MALVACEAE	MLV	175	(115)	PIPERACEAE	PIP	53	(34)	THEOPHRASTACEAE	TEO	135a	(151)
MONIMIACEAE	MNM	101	(69)	PLUMBAGINACEAE	PLB	238	(153)	THYMELAEACEAE	THY	214	(135)
MENISPERMACEAE	MNS	94	(64)	POLYGONACEAE	PLG	77	(51)	TILIACEAE	TIL	174	(114)
MENYANTHACEAE	MNY	546a	(161)	POLEMONIACEAE	PLM	250	(165)	TURNERACEAE	TNR	201	(129)
MORACEAE	MOR	64	(43)	PONTEDERIACEAE	PON	34	(19)	TOVARIACEAE	TOV	106	(73a)
MARCGRAVIACEAE	MRC	184	(121)	PORTULACACEAE	POR	85	(58)	TRIGONIACEAE	TRG	142	(94)
MORINGACEAE	MRG	109	(76)	POTAMOGETONACEAE	POT	11	(3a)	TRIURIDACEAE	TRI	18	(6)
MARANTACEAE	MRN	48	(32)	PRIMULACEAE	PRM	237	(152)	TROPAEOLACEAE	TRP	131	(86)
MYRSINACEAE	MRS	236	(150)	PROTEACEAE	PRT	66	(45)	TYPHACEAE	TYP	8	(3)
MYRTACEAE	MRT	222	(140)	QUIINACEAE	QII	185	(121a)	ULMACEAE	ULM	63	(42)
MUSACEAE	MUS	45	(29)	RAFFLESIIACEAE	RAF	75	(50a)	UMBELLIFERAE	UMB	228	(145)
MYRICACEAE	MYR	57	(38)	RANUNCULACEAE	RAN	91	(62)	FAMILY UNKNOWN	UNK	500	(—)
MYRISTICACEAE	MYS	99	(68)	RHAMNACEAE	RHM	169	(111)	FAMILY UNKNOWN	UNP	300	(—)
NAJADACEAE	NAJ	12	(3B)	RHIZOPHORACEAE	RHZ	220	(138)	(PTERIDOPHYTE)			
NYCTAGINACEAE	NYC	80	(54)	ROSACEAE	ROS	126	(81)	NOT VASCULAR PLANT	UNV	501	(—)
NYMPHAEACEAE	NYM	88	(60)	RAPATEACEAE	RPT	31	(16)	URTICACEAE	URT	65	(44)
OCHNACEAE	OCH	182	(119)	RESEDACEAE	RSD	108	(75)	VALERIANACEAE	VAL	273	(181)
OLACACEAE	OLC	72	(48)	RUBIACEAE	RUB	270	(179)	VIOLACEAE	VIO	198	(127)