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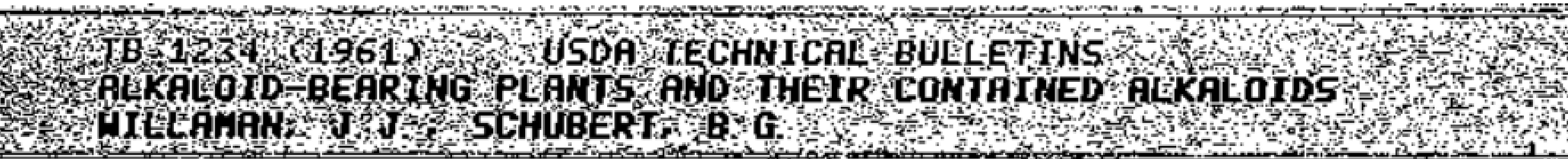
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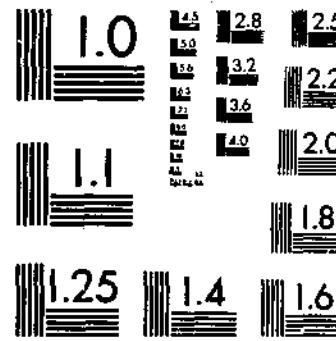
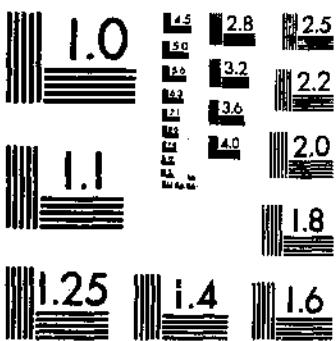
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REFERENCE
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ALKALOID-BEARING PLANTS

and

Their Contained Alkaloids

Technical Bulletin No. 1234

AGRICULTURAL RESEARCH SERVICE
U.S. DEPARTMENT OF AGRICULTURE

ACKNOWLEDGMENTS

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Washington, D.C.

Issued August 1961

ALKALOID-BEARING PLANTS AND THEIR CONTAINED ALKALOIDS

By J. J. WILLAMAN, chemist, Eastern Utilization Research and Development Division, and BERNICE G. SCHUBERT, taxonomist, Crops Research Division, Agricultural Research Service

This compilation assembles in one place all the scattered information on the occurrence of alkaloids in the plant world. It consists of two lists: (1) The names of the plants and of their contained alkaloids; and (2) the names and empirical formulas of the alkaloids. Several partial lists and a number of books on the chemistry of alkaloids that give the plant sources of many of them have been published, but it is believed that this is the first attempt to bring all scattered information together in one place.

This compilation can serve as a first source of information on any plant or plant group and on the individual alkaloids; it can stimulate analysis of the various facets of the occurrence of alkaloids in the plant world; and it calls attention to the gaps in our knowledge of alkaloidal phytochemistry.

The data are complete through 1957 in that 1957 is the last year in which the annual subject index of Chemical Abstracts was used. It is fairly complete otherwise through June 1959.

As this is a compendium and not a descriptive or interpretive treatment, some restrictions and stipulations were in order for space limitations. Thus, if an author has called a given compound an alkaloid it is included, without reservation or definition. Usually just one reference is used for an item. All synonyms for the alkaloids are given, but space did not permit displaying their structural formulas.

In checking a list of names, such as the one compiled here, of all known alkaloid-bearing plants, the botanist is hampered by not knowing exactly what the chemist had to work with. He must assume that the identification was correct and confine his own activity to checking the validity of the name and the correctness of spelling. This has been done insofar as possible. In the process, many purely mechanical errors in copying as well as erroneous citations in the chemical literature have been found. It would have been impossible to check the original chemical reference in every case; the original has been referred to in all questionable cases, however. Authorities for the plant names have been cited for the sake of completeness, and to offer a reference clue should additional work be conducted on a particular species. The equivalents cited at various points in the list are not necessarily true taxonomic synonyms. In some cases they are corrections of an absolute error in citation. Contrary to usual practice in botanical literature, family names of cryptogams and phanerogams have been merged into one alphabetical series.

Codes Used in Table 1

"Unn." means that the alkaloid was unnamed in the report cited.

Code for the references	
ABB	Archives of Biochemistry and Biophysics. New York.
AC	Angewandte Chemie. Germany.
ACS	American Chemical Society Abstracts, 132d Meeting.
AC SJ	American Chemical Society Journal. Washington.
AJC	Australian Journal of Chemistry. Melbourne.
AJP	American Journal of Pharmacy. Philadelphia.
Ann Pharm Franc	Annales Pharmaceutiques Françaises. Paris.
Ann der Chem	Annalen der Chemie, Justus Liebigs, Germany.
APAJ	American Pharmaceutical Association Journal, Scientific Edition. Washington.
APCP	Australian Phytochemical Congress Proceedings 3, Commonwealth Scientific and Industrial Research Organization, Sydney (1951).
ARB	Annual Review of Biochemistry. Stanford, Calif.
Archiv Pharm	Archiv der Pharmazie und Berichte der Deutschen Pharmazeutischen Gesellschaft. Germany.
Arthur	H. R. Arthur, "A Phytochemical Survey of Some Plants of North Borneo," <i>Journal of Pharmacy and Pharmacology</i> 6: 66 (1954).
Arzneim-Forsch	Arzneimittel-Forschung. Württemberg, Germany.
BA	Biological Abstracts. Philadelphia.
Ber	Chemische Berichte. Germany.
Bisset	N. G. Bisset. <i>In Proceedings of Symposium on Phytochemistry</i> , Kuala Lumpur, December 1957. Publication of UNESCO Science Cooperation Office for Southeastern Asia.
Bisset (2)	N. G. Bisset, "Occurrence of Alkaloids in the Apocynaceae," <i>Annales Bogoriensis</i> 3: 105 (1958).
Brazil pesq agron	Brazil Servico Nacional de Pesquisas Agronomicas Bul.
BSP	Bulletin des Sciences Pharmacologiques. Paris.
CA	Chemical Abstracts. Washington.
C-B-G	R. N. Chopra, R. L. Badhwar, and S. Ghosh, "Poisonous Plants of India," Government of India Press, Calcutta (1949).
CEN	Chemical and Engineering News. Washington.
Chatt	Asima Chatterjee. <i>In Proceedings of Symposium on Phytochemistry</i> , Kuala Lumpur, December 1957. Publication of UNESCO Science Cooperation Office for Southeastern Asia.
CI	Chemistry and Industry. London.
CJC	Canadian Journal of Chemistry. Ottawa.
CJR	Canadian Journal of Research. Ottawa.
C-P-W	A. Chatterjee, S. C. Pakashi, and G. Werner, "Progress in the Chemistry of Natural Products. XIII," <i>Fortschritte der Chemie organischer Naturstoffe</i> (1956). Vienna.
CR	Comptes Rendus Hebdomadaires des Séances Académie des Sciences, Paris, France.
DA	Dissertation Abstracts. Ann Arbor, Mich.

Code for the
references

- Dalziel..... J. M. Dalziel, "Useful Plants of West Tropical Africa," London (1955).
- D-K..... Bryce Douglas and A. K. Kiang, "A Phytochemical Survey. Part I. Alkaloids," *Malayan Pharmacy Journal* 6: 138 (1957).
- Econ Bot..... Economic Botany. New York.
- Exp..... Experientia. Basel, Switzerland.
- Falck..... August Falck, "Die Offizinellen Drogen und ihre Ersatz," Barth, Leipzig, Germany (1928).
- Freise..... F. W. Freise, "Vorkommen von Koffein in brasiliischen Heilpflanzen," *Pharmazeutische Zentralhalle für Deutschland* 76: 704 (1935).
- Gaz Chim Ital..... Gazzetta Chimica Italiana. Rome.
- Helv..... Helvetica Chimica Acta, Basel, Switzerland.
- Henry..... T. A. Henry, "The Plant Alkaloids," Blakiston, Philadelphia (Ed. 4, 1949).
- Hocking..... George Hocking, "Dictionary of Terms in Pharmacognosy," Thomas, Springfield (1955).
- ICSJ..... Indian Chemical Society Journal. Calcutta.
- I-R..... N. M. Ismailov and R. YaRzazade, "Identification of Alkaloid-Containing Plants of Azerbaijan," *Akademii Nauk Azerbaizhanskoi SSR Doklady* 10: 197-202 (1954).
- Jahresber Pharm..... Jahresbericht der Pharmazie.
- JOC..... Journal of Organic Chemistry. Washington.
- J-O-W..... W. Junk, C. Oppenheimer, and W. Weisbach, "Tabulae Biologicae," v. 18 (2-3). The Hague, Netherlands (1940).
- JPA-L..... Journal de pharmacie d'Alsace et de Lorraine.
- K-A..... A. K. Kiang and R. D. Amarasingham, *In Proceedings of Symposium on Phytochemistry*, Kuala Lumpur, December 1957. Publication of UNESCO Science Cooperation Office of Southeastern Asia.
- Karrer..... P. Karrer, "Über calebassen- und Strychnosrinden-Alkalioide," Societe Chimique de France Bulletin 1958: 99.
- KAS..... Kentucky Academy of Science Transactions. Louisville.
- Klein..... G. Klein, "Handbuch der Pflanzenanalyse," v. 4. Julius Springer, Jena (1933).
- Kuyaganont..... S. Kuyaganont, University of Philippines Master's Thesis (1956).
- LC SJ..... [London] Chemical Society Journal.
- LCSP..... [London] Chemical Society Proceedings.
- Mass Pharm..... Massachusetts College of Pharmacy Bulletin 18 (4): 24-25 (1929).
- M-B..... G. B. Marini-Bettolo and D. Bovet, *Rendiconti Instituto Superior di Sanita* 19: 954 (1956).
- Merck..... Merck Index. Merck & Co., Rahway, N.J. (Ed. 6, 1952).
- M-H..... R. H. F. Manske and H. L. Holmes, "The Alkaloids," Academic Press, New York (5 v., 1950-55).
- Monatsh..... Monatshefte für Chemie und Verwandte Teile Andere Wissenschaften. Vienna.
- Muen..... W. C. Muenscher, "Poisonous Plants of the United States," Macmillan, New York (1946).
- Nature..... Nature [London].
- Naturw..... Die Naturwissenschaften. Berlin.

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Code for the
references

N-O-----	Armando Novelli and Orfeo O. Orazi, "Alcaloides Aislados de Plantas de la Republica Argentina," <i>Revista Farmaceutica (Buenos Aires)</i> 92: 109-118 (1950).
NZJ-----	New Zealand Journal of Science and Technology.
Orekhev-----	A. P. Orekhov, "Chemistry of Alkaloids," <i>Akademia Nauk USSR, Moscow</i> (Ed. 2, 1955).
PAH-----	<i>Pharmaceutica Acta Helveticae.</i>
PC-----	<i>Hoppe-Seylers Zeitschrift für Physiologische Chemie, Berlin.</i>
Pharmazie-----	<i>Pharmazie, Berlin.</i>
PJ-----	<i>Pharmaceutical Journal (London).</i>
PlantP-----	<i>Plant Physiology.</i>
PR-----	<i>Puerto Rico Experiment Station Report.</i>
PPA(orS)J-----	<i>Philippine Pharmaceutical Association (Society) Journal.</i>
PSJJ-----	<i>Pharmaceutical Society of Japan Journal.</i>
P-T-----	K. Paech and M. V. Tracey, "Moderne Methoden der Pflanzenanalyse," <i>Springer-Verlag, Berlin</i> (v. 4, 1955).
Quart Rev-----	<i>Quarterly Review. New York and London.</i>
Res Tu-----	<i>Research Today. Eli Lily & Co., Indianapolis.</i>
Rev Brasil Quim-----	<i>Revista Brasileira de Quimica (Ciencia & Industria), Rio de Janeiro, Brazil.</i>
Ribas-----	D. Ignacio Ribas Marques, "Recientes Progresos de la Investigacion en el Campo de los Alcaloides de las Papilionaceas," <i>Universidad de Santiago, Spain</i> (1957).
Richter-----	<i>Organic Chemistry, 4 v. Ed. 3. New York.</i>
Roark-----	R. C. Roark, "A Review of Information on Anabasine," <i>U.S. Department of Agriculture, Bureau of Entomology and Plant Quarantine E-537</i> (1941).
RSWAJ-----	<i>Royal Society of Western Australia Journal, Perth.</i>
Sant-----	Frant. Santavy, "Substanzen der Herbstzeitlos und ihre Derivate. XLV. Verbreitung der Colchicinalkaloide im Pflanzenreich," <i>Botanische Zeitung</i> 103: 300-311, (1956).
Science-----	<i>Science.</i>
Schl-----	"The Chemistry of Rauwolfia Alkaloids." In R. E. Woodson, H. W. Youngken, E. Schlittler, J. A. Schneider, "Rauwolfia: Botany, Pharmacognosy, Chemistry, and Pharmacology," Little, Brown, Boston (1957).
Schreiber-----	K. Schreiber, "Die Glycoalkaloide der Solanaceen," <i>Chemische Technik</i> 6: 648 (1954).
Schmit-----	A. Schmit, <i>University of Paris thesis.</i> (1950).
SDAC-----	<i>South Dakota Academy of Science Proceedings.</i>
Sokolov-----	V. S. Sokolov, [Alkaloid Plants of the USSR], <i>Academia Nauk Moscow, USSR</i> (1952).
Tetra-----	<i>Tetrahedron, London.</i>
Tob Sci-----	<i>Tobacco Science. New York.</i>
[Tokyo] Pharm Bul-----	[Tokyo] Pharmacy Bulletin.

Code for the
references

- Wall 13----- M. E. Wall, M. M. Krider, C. F. Krewson, C. R. Eddy, J. J. Willaman, D. S. Correll, and H. S. Gentry, "Steroidal Sapogenins. XIII. Supplementary Table of Data for Steroidal Sapogenins VII," U.S. Department of Agriculture, Eastern Utilization Research and Development Division, Philadelphia, AIC-363 (1954).
- Wall 15----- M. E. Wall, C. R. Eddy, J. J. Willaman, D. S. Correll, B. G. Schubert, and H. S. Gentry, "Steroidal Sapogenins. XV. Supplementary Table of Data for Steroidal Sapogenins XII," U.S. Department of Agriculture, Eastern Utilization Research and Development Division, Philadelphia, AIC-367 (1954).
- Wall 26----- M. E. Wall, C. S. Fenske, J. J. Willaman, D. S. Correll, B. G. Schubert, and H. S. Gentry, "Steroidal Sapogenins. XXVI. Supplementary Table of Data for Steroidal Sapogenins XXV," U.S. Department of Agriculture, Eastern Utilization Research and Development Division, Philadelphia, ARS-73-4 (1955).
- Wall 43----- M. E. Wall, C. S. Fenske, H. E. Kenney, J. J. Willaman, D. S. Correll, B. G. Schubert, and H. S. Gentry, "Steroidal Sapogenins. XLIII. Survey of Plants for Steroidal Sapogenins and Other Constituents," American Pharmaceutical Association Journal, Scientific Edition, 46: 653 (1957).
- Wall 55----- M. E. Wall, C. S. Fenske, J. W. Garvin, J. J. Willaman, Q. Jones, B. G. Schubert, and H. S. Gentry, "Steroidal Sapogenins. LV. Survey of Plants for Steroidal Sapogenins and Other Constituents," American Pharmaceutical Association Journal, Scientific Edition, 48: 695 (1959).
- Wall 60----- M. E. Wall, J. W. Garvin, J. J. Willaman, Q. Jones, B. G. Schubert, and R. A. Davidson, "Steroidal Sapogenins. LX. Survey of Plants for Steroidal Sapogenins and Other Constituents," American Pharmaceutical Association Journal, Scientific Edition, 50: [In press] (1962).
- We----- C. Wehmer, "Die Pflanzenstoffe," Fischer, Jena (Ed. 2, 2v., 1929, 1931).
- We Sup----- C. Wehmer, "Die Pflanzenstoffe. Ergänzungsband zur Zweiten Auflage," Fischer, Jena (1935).
- Webb 232----- L. F. Webb, "Guide to the Medicinal and Poisonous Plants of Queensland," [Australia] Commonwealth for Scientific and Industrial Research Organization Bulletin 232 (1948).
- Webb 241----- L. J. Webb, "Australian Phytochemical Survey. Part I," [Australia] Commonwealth Scientific and Industrial Research Organization Bulletin 241 (1949).

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Code for the references

- Webb 268----- L. J. Webb, "Australian Phytochemical Survey, Part II," [Australia] Commonwealth Scientific and Industrial Research Organization Bulletin 268 (1952).
- Webb PS----- L. J. Webb, "A Preliminary Phytochemical Survey of Papua-New Guinea," Pacific Science 9: 430 (1955).
- White----- E. P. White, "Alkaloids of the Leguminosae," New Zealand Journal of Science and Technology, Sec. B, 25 (1943): I, 93-98; II, 98-102; III, 103-105; V, 106-108; VI, 109-112; VII, 113-114; (1944): VIII, 137-138; IX, 139-142; X, 143-146; XI, 146-151; XII, 152-157; XIII, 157-162; 27 (1946): XIV, 335-339; XV, 339-345; 33 (1951): XXII, 54-60; 38 (1957): XXV, 712-718; XXVI, 718-725.
- W-K----- A. S. C. Wan and A. K. Kiang. In Proceedings of Symposium on Phytochemistry, Kuala Lumpur, December 1957. Publication of UNESCO Science Cooperation Office for Southeastern Asia.

Code for the plant parts

b—bark
bu—bulb
fd—frond
fl—inflorescence
fr—fruit
l—leaf
my—mycelium
r—root
rb—root bark

rh—rhizome
s—stem, twig
scl—sclerotium
sd—seed
sp—sporophyte
t—tuber
w—whole plant above ground
wd—wood
yw—young whole plant

Table 1.—*Plants and their contained alkaloids*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ACANTHACEAE			
1. <i>Acanthus balsamifera</i>	<i>l, s</i>	unn.....	D-K.
2. <i>Adhatoda vasica</i> Nees.....	<i>l</i>	vasicine.....	M-H III 102.
3. <i>Asteracantha longifolia</i> Nees.....	<i>l, s</i>	unn.....	D-K.
4. <i>Asystasia gangetica</i> T. Anders.....	.....	unn.....	Orekhov 794.
5. <i>Gendarussa vulgaris</i> Nees.....	<i>l, s</i>	unn.....	CA 47:4044.
6. <i>Graptophyllum pictum</i> Griff.....	<i>l</i>	unn.....	We 1144.
7. <i>Hypoestes floribunda</i> R. Br.....	<i>r</i>	unn.....	D-K.
8. <i>Jacobinia coccinea</i> Hiern.....	<i>l</i>	unn.....	We 1143.
9. <i>Justicia adhatoda</i> L.....	<i>l, s</i>	unn.....	Webb 241.
10. <i>Justicia gandarussa</i> L. f.....	<i>l</i>	vasicine.....	We 1144.
11. <i>Justicia hygrophiloides</i> F. Muell.....	<i>l, s</i>	unn.....	D-K.
12. <i>Phlogacanthus cardinalis</i>	<i>l</i>	unn.....	We 1143.
13. <i>Pseuderanthemum graciliiflorum</i> Ridley.....	<i>s</i>	unn.....	Webb 268.
14. <i>Pseuderanthemum variabile</i> (R. Br.) Radlk.....	<i>w</i>	unn.....	We 1144.
15. <i>Pseuderanthemum</i> sp.....	<i>l</i>	unn.....	D-K.
16. <i>Rhinacanthus communis</i> Nees.....	<i>r</i>	unn.....	Webb 241.
17. <i>Thunbergia alata</i> Boj.....	<i>l</i>	unn.....	Arthur.
18. <i>Thyrsacanthus bracteolatus</i> Nees.....	<i>l, s</i>	unn.....	We 1144.
ACERACEAE			
18A. <i>Acer saccharinum</i> L.....	<i>l, s</i>	unn.....	Arthur.
AGARICACEAE			
19. <i>Agaricus campestris</i> L. ex Fr.....	<i>sp</i>	hercynine.....	Merck.
20. <i>Agaricus muscarius</i> = <i>Amanita muscaria</i> (Fr.) S. F. Gray.....	<i>sp</i>	muscarine.....	CA 17:3162.
21. <i>Agaricus nebularis</i> = <i>Clitocybe nebularis</i> (Fr.) Quel.....	<i>sp</i>	nebularine.....	CA 49:6276.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AGARICACEAE—Continued			
22. <i>Agaricus ruber</i> Fr.= <i>Russula rubra</i> Fr.	sp	agarythrine	Merek.
23. <i>Amanita mappa</i> Quel.	sp	bufotenine	CA 48:7004.
24. <i>Amanita muscaria</i> Fr.	sp	bufotenine	AJP 130:264.
	sp	hercynine	Merck.
	sp	hyoscyamine(?)	BA 30:5989.
	sp	muscarine	Henry 658.
	sp	α - and β -myketosine	CA 6:529.
	sp	bufotenine	AJP 130:264.
	sp	hyoscyamine(?)	BA 30:5989.
25. <i>Amanita pantherina</i> (DC.) Kummer	sp	muscarine	CSJ 62:232.
	sp	α , β , and γ -amanitine	AC 69:44
26. <i>Amanita phalloides</i> (Fr.) Kummer	sp	phalloidine	AC 69:44.
27. <i>Clitocybe dealbata</i> (Fr.) Gill. var. <i>sudorifica</i> Pk.	sp	muscarine (?)	CA 5:3296.
28. <i>Clitocybe subtiludens</i> Murr.	my	ergonovine	CA 47:7741.
29. <i>Coprinus comatus</i> Fr.	sp	ergotamine	CA 47:7741.
		ergothioneine	Archiv Pharm. 290:517.
30. <i>Inocybe asterospora</i> Quel.	sp	tyramine	BA 33:23392.
31. <i>Inocybe cookei</i> Bres.	sp	muscarine	CA 44:9522.
32. <i>Inocybe frumentacea</i> (Fr.) Bres.	sp	muscarine	CA 44:9522.
33. <i>Inocybe patouillardii</i> Bres.	sp	muscarine	CA 15:1552.
34. <i>Inocybe rimosa</i> (Fr.) Kummer	sp	muscarine	Helv 40:886.
35. <i>Inocybe sambucina</i> (Fr.) Quel.	sp	muscarine	CA 44:9522.
36. <i>Inocybe umbrina</i> Bres.	sp	muscarine	CA 15:1552.
37. <i>Inocybe</i> sp.	sp	unn	CA 44:9522.
38. <i>Panaeolus campanulatus</i> (Fr.) Quel.	sp	5-hydroxytryptamine	CA 44:9522.
39. <i>Psilocybe cestorum</i> Heim	my	psilocine	Science 128:718.
	my	psilocybine	CR 247:557.
40. <i>Psilocybe caerulescens</i> Murr.	my	psilocybine	CR 247:557.
41. <i>Psilocybe mexicana</i> Heim	my	psilocine	Exp 14:107.
	my	psilocybine	Exp 14:107.

42. <i>Psilocybe semperviva</i>	<i>my</i>	psilocine.....	CR 247:557.
43. <i>Psilocybe zapotecorum</i> Heim.....	<i>my</i>	psilocybine.....	CR 247:557.
44. <i>Russula emetica</i> (Fr.) S. F. Gray.....	<i>my</i>	psilocybine.....	CR 247:557.
45. <i>Stropharia cubensis</i> Earle (<i>Psilocybe cubensis</i> (Earle) Singer).	<i>sp</i>	muscarine.....	AJP 130:264.
	<i>sp</i>	psilocine.....	CR 247:557.
	<i>sp</i>	psilocybine.....	CR 247:557.
AIZOACEAE			
48. <i>Glinus lotoides</i> Loefl. (<i>Mollugo glinus</i> A. Rich.).....	<i>l, s</i>	unn.....	Webb 268.
49. <i>Mesembryanthemum anatomicum</i> Haw.....	<i>w</i>	mesembrine.....	Henry 776.
50. <i>Mesembryanthemum expansum</i> L.....	<i>w</i>	mesembrine.....	Henry 776.
51. <i>Mesembryanthemum tortuosum</i> L.....	<i>w</i>	channaine.....	Archiv Pharm. 290:441.
	<i>w</i>	mesembrenine.....	Archiv Pharm. 290:441.
	<i>w</i>	mesembrine.....	Archiv Pharm. 290:441.
AKANIACEAE			
52. <i>Psilocaulon absimile</i> N. E. Br.....	<i>w</i>	piperidine.....	M-H I 167.
53. <i>Tetragonia expansa</i> Murr.....	<i>l, s, r, fr</i>	piperine.....	Sokolov 116.
54. <i>Trianthema decandra</i> L.....	<i>l, s, r</i>	unn.....	Webb 268.
55. <i>Trianthema monogyna</i> L.....		unn.....	Webb 268.
56. <i>Trianthema portulacastrum</i> L.....		trianthemine.....	CA 41:7671.
		punarnavine.....	CA 35:6392.
ALISMACEAE			
57. <i>Akania hillii</i> Hook. f.....	<i>l, b, w</i>	unn.....	Webb 241.
AMARANTHACEAE			
57A. <i>Sagittaria</i> sp.....	<i>l, s</i>	unn.....	Wall 60.
AMARANTHACEAE			
58. <i>Achyranthes aspera</i> L.....	<i>w</i>	unn.....	Webb 268.
59. <i>Alternanthera denticulata</i> R. Br.....	<i>l, s</i>	unn.....	Webb 268.
60. <i>Alternanthera</i> sp.....	<i>l, r</i>	unn.....	Webb 241.
61. <i>Amaranthus viridis</i> L.....	<i>l, s, fl</i>	unn.....	Webb 268.
62. <i>Celosia argentea</i> L.....	<i>l</i>	unn.....	Arthur.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARANTHACEAE—Continued			
63. <i>Chamissoa</i> sp.	<i>fl.</i>	unn	Wall 43.
64. <i>Deeringia amaranthoides</i> E. D. Merr. (<i>D. celosioides</i> R. Br.).	<i>l., s., fr.</i>	unn	Webb 268.
65. <i>Gomphrena celosioides</i> Mart.	<i>l., s., fl.</i>	unn	Webb 268.
66. <i>Gomphrena conica</i> Spreng.	<i>s., fl.</i>	unn	Webb 268.
67. <i>Trichinium alopecuroides</i> Lindl.	<i>l., s., fr.</i>	unn	Webb 268.
68. <i>Trichinium calostachyum</i> F. Muell.	<i>l., s.</i>	unn	Webb 268.
69. <i>Trichinium exaltatum</i> Benth.	<i>l.</i>	unn	Webb 268.
70. <i>Trichinium obovatum</i> Gaudich.	<i>l., s.</i>	unn	Webb 268.
AMARYLLIDACEAE			
71. <i>Agave sisalana</i> Perrine	<i>l.</i>	unn	PPAJ 44:101.
72. <i>Amaryllis belladonna</i> L.	<i>bu</i>	amaryllidine	CA 51:7384.
	<i>bu</i>	ambelline	CA 51:7384.
	<i>bu</i>	belladine	CA 52:11098.
	<i>bu</i>	bellamarine	CA 51:7384.
	<i>bu</i>	caranine	ACSJ 77:1253.
	<i>bu</i>	lycorine	Henry 406.
	<i>bu</i>	lycorine	Klein 757.
	<i>bu</i>	undulatine	CI 1958:1293.
73. <i>Amaryllis formosissima</i> L. (<i>Sprekelia formosissima</i>)	<i>bu</i>	caranine	Naturw 46:228.
74. <i>Amaryllis</i> hybrid	<i>bu</i>	haemultine	Naturw 46:228.
74A. <i>Amaryllis parkeri</i> Worsley (<i>A. belladonna</i> x <i>Brunsvigia josephinae</i>).	<i>bu</i>	lycorine	Naturw 46:228.
	<i>bu</i>	parkamine	Naturw 46:228.
	<i>bu</i>	petomine	Naturw 46:228.
	<i>bu</i>	urminine	Naturw 46:228.
75. <i>Ammocharis coranica</i> Herb.	<i>bu</i>	acetylcaranine	AC SJ 77:1253.
	<i>bu</i>	caranine	AC SJ 77:1253.
	<i>bu</i>	crinamine	AC SJ 77:1253.
	<i>bu</i>	lycorine	AC SJ 77:1253.
	<i>bu</i>	unn	Wall 363.

76. <i>Ammocharis falcata</i> Herb.	<i>bu</i>	unn.....	Wall 13.
77. <i>Ammocharis</i> sp.	<i>bu</i>	unn.....	Wall 13.
78. <i>Boophone disticha</i> Herb.	<i>bu</i>	buphanine.....	Henry 406.
		distichine.....	LCSJ 1957:2537.
			CI 1958:1293.
			CA 47:8317.
79. <i>Boophone fischeri</i> Baker	<i>bu</i>	haemanthine.....	Henry 406.
	<i>bu</i>	lycorine.....	CA 5:3563.
	<i>bu</i>	narcissine.....	CJC 33:1268.
	<i>bu</i>	unn.....	CA 50:4994.
	<i>bu</i>	ambelline.....	CA 50:4994.
	<i>bu</i>	buphanamine.....	CA 50:4994.
	<i>bu</i>	buphanidrine.....	CA 50:4994.
	<i>bu</i>	buphanisine.....	CA 50:4994.
	<i>bu</i>	crinidine.....	CA 50:4994.
	<i>bu</i>	lycorine.....	CA 50:4994.
	<i>bu</i>	haemanthine.....	Merck.
	<i>bu</i>	brunsvigine.....	LCSJ 1958:4701.
	<i>bu</i>	brunsvinine.....	LCSJ 1958:4701.
	<i>bu</i>	erinamine.....	LCSJ 1958:4701.
	<i>bu</i>	lycorine.....	LCSJ 1958:4701.
	<i>bu</i>	acetylcaranine.....	AC SJ 77:1253.
	<i>bu</i>	ambelline.....	AC SJ 77:1253.
	<i>bu</i>	caranine.....	AC SJ 77:1253.
	<i>w</i>	lycorine.....	AC SJ 77:1253.
	<i>bu</i>	unn.....	Wall 13.
	<i>bu</i>	unn.....	Wall 13.
	<i>bu</i>	crinidine.....	Ber 90:1827.
	<i>bu</i>	haemanthamine.....	Ber 90:1827.
	<i>bu</i>	lycorine.....	Ber 90:1827.
	<i>bu</i>	powelline.....	Ber 90:1827.
	<i>bu</i>	chlidanthine.....	CA 51:2822.
	<i>bu</i>	lycorine.....	CA 51:2822.
	<i>bu</i>	tazettine.....	CA 51:2822.
	<i>l, rh</i>	ambelline.....	Ber 90:2203.
	<i>l, rh</i>	homolycorine.....	Ber 90:2203.
	<i>l, rh</i>	lycorine.....	Ber 90:2203.
	<i>bu</i>	clivonine.....	AC SJ 78:2899.
	<i>r</i>	lycorine.....	Henry 406.
	<i>bu</i>	clivianine.....	JPA-L 1921:129.
		unn.....	JPA-L 1921:129.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
88. <i>Cooperanthes hortensis</i> (hybrid)	bu	galanthamine	Ber 90:2203.
	bu	lycorenine	Ber 90:2203.
	bu	lycorine	Ber 90:2203.
	bu	lycorine	Henry 406.
89. <i>Cooperia drummondii</i> Herb.	bu	lycorine	Henry 406.
90. <i>Cooperia pedunculata</i> Herb.	bu	lycorine	Henry 406.
91. <i>Crinum amabile</i> Donn.	l, s, r	ψ-lycorine	Henry 406.
92. <i>Crinum asiaticum</i> L.	r	unn.	BA 28:4363.
	bu	crinamidine	M-H IJ 345.
	bu	crinidine	Ber 90:2203.
	bu	haemanthamine	Ber 90:2203.
	r, sd	lycorine	M-H II 345.
	bu	unn.	Wall 13.
	bu	caranine	Ber 90:2203.
	bu	crinamidine	Ber 90:2203.
	bu	crinidine	Ber 90:2203.
	bu	galanthamine	Ber 90:2203.
	bu	galanthine	Ber 90:2203.
	bu	haemantamine	Ber 90:2203.
	bu	hippeastrine	Ber 90:2203.
	bu	lycorine	CA 49:5779.
	sd	lycorine	CA 50:13375.
	bu	lycorine	CA 48:4560.
	sd	lycorine	CA 45:821.
95. <i>Crinum firmifolium</i> Baker	bu	lycorine	CA 49:9233.
96. <i>Crinum giganteum</i> Andr.	sd	lycorine	CA 50:7404.
97. <i>Crinum latifolium</i> L.	bu	ambelline	Ber 90:2203.
	sd	crinamine	Ber 90:2203.
	bu	galanthine	Ber 90:2203.
	bu	haemanthamine	Ber 90:2203.
98. <i>Crinum laurentii</i> Durand & DeWild.	bu	lycorine	Ber 90:2203.
	bu	ambelline	Wall 363.
	bu	crinamine	
	bu	galanthine	
	bu	haemanthamine	
	t	lycorine	Ber 90:2203.
99. <i>Crinum longifolium</i> Roxb.	t	unn.	Wall 363.
100. <i>Crinum moorei</i> Hook. f.	w	crinamidine	Ber 87:1704.

101.	<i>Crinum</i> cf. <i>moorei</i> Hook. f.	w	crinidine	Ber 87:1704.
102.	× <i>Crinum powellii</i> Baker	w	crinine	Ber 87:1704.
		w	lycorine	Ber 87:1704.
		bu	powelline	CA 51:7384.
		bu	unn.	Wall 13.
		bu	crinamine	Ber 88:1590.
		bu	crinidine	Ber 88:1590.
		bu	crinine	Ber 88:1590.
		bu	criwelline	CA 51:7384.
		bu	lycorine	Ber 88:1590.
		bu	powelline	Ber 88:1590.
		r	lycorine	Henry 406.
		bu	lycorine	Henry 406.
		bu	ambelline	Ber 90:2203.
		bu	galanthamine	Ber 90:2203.
		bu	lycorine	Ber 90:2203.
		bu	undulatine	Ber 90:2203.
		bu	yemensine	Ber 90:2203.
		bu	crinamine	AC SJ 77:1253.
		bu	criuine	AC SJ 77:1253.
		bu	lycorine	AC SJ 77:1253.
		fr	unn.	Webb 241.
			unn.	Webb PS.
			unn.	Wall 13.
		bu	unn.	M-H II 334.
		r	lycorine	Ber 90:1827.
		bu	haemanthamine	Ber 90:1827.
		bu	lycorine	Ber 90:1827.
		bu	tazettine	Ber 90:1827.
			unn.	Klein 757.
		r	lycorine	M-H II 334.
		r, bu	lycorine	M-H II 334.
		l, s, fr	lycorine	Webb 241.
			unn.	We 163.
		r	lycorine	Ber 90:1827.
		bu	galanthamine	Ber 90:1827.
		bu	galenthine	Ber 90:1827.
		bu	lycorine	Ber 90:1827.
		bu	galanthamine	Ber 89:1590.
		bu	haemanthamine	Ber 89:1590.
		bu	lycorine	Ber 89:1590.
		bu	tazettine	Ber 89:1590.
103.	<i>Crinum pratense</i> Herb.			
104.	<i>Crinum scabrum</i> Herb.			
105.	<i>Crinum yemense</i> Hort.			
106.	<i>Crinum</i> spp.			
107.	<i>Cyrtanthus pallidus</i> Sims			
108.	<i>Elisena longipetala</i> Lindl.			
109.	<i>Eucharis amazonica</i> Linden			
110.	<i>Eucharis grandiflora</i> Planch. & Linden			
111.	<i>Eurycea amboinensis</i> Lindl.			
112.	<i>Eurycea cunninghamii</i> Lindl.			
113.	<i>Eurycea sylvestris</i> Salisb.			
114.	<i>Eustephia yuyuensis</i>			
115.	<i>Galanthus elwesii</i> Hook. f.			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
116. <i>Galanthus nivalis</i> L.	bu	lycorine	CA 49:2680.
	bu	nivaline	AC SJ 78:2899.
	l	tazettine	CA 47:7518.
	r	galanthamidine	CA 50:9688.
	l, bu	galanthamine	CI 1954:1453.
	l, bu	galanthidine	Henry 774.
	r	galanthine	Henry 774.
	bu	lycorine	CA 50:9688.
	l	unn	CA 47:6959.
	l	lycorenine	Ber 87:1448.
	bu	tazettine	Ber 87:1448.
	bu	unn	Wall 13.
	bu	albornaculine	AC SJ 78:2899.
	bu	coccinine	AC SJ 78:2899.
	bu	lycorenine	AC SJ 78:2899.
	bu	tazettine	AC SJ 78:2899.
	bu	coccinine	AC SJ 77:1248.
	bu	manthine	AC SJ 77:1248.
	bu	montanine	AC SJ 77:1248.
	bu	coccinine	AC SJ 77:1248.
	bu	lycorine	AC SJ 77:1248.
	bu	manthidine	AC SJ 77:1248.
	bu	montanine	AC SJ 77:1248.
	bu	unn	Wall 13.
122. <i>Haemanthus hirsutus</i> Baker	w	haemanthamine	AC SJ 77:1248.
123. <i>Haemanthus</i> (hybr. King Albert)	w	haemanthidine	Ber 89:1129.
	w	lycorine	Ber 89:1129.
	w	punikathine	Ber 89:1129.
	bu	montanine	AC SJ 77:1248.
	bu	chidanthine	Naturw 45:262.
	bu	haemanthidine	Naturw 45:262.
124. <i>Haemanthus montanus</i> Baker			
125. <i>Haemanthus multiflorus</i> Martyn.	bu	haemultine	Naturw 45:262.

590871-61 2	126. <i>Haemanthus natalensis</i> Hook.	<i>bu</i>	hippeastrine	Naturw 45:262
		<i>bu</i>	lycorine	Naturw 45:262
		<i>bu</i>	haemanthidine	CI 1959:123,
		<i>bu</i>	natalensine	ACSJ 77:1248.
		<i>bu</i>	unn.	Wall 13.
		<i>bu</i>	unn.	ACSJ 77:1248.
	127. <i>Haemanthus nelsonii</i> Baker	<i>bu</i>	haemanthidine	CI 1956:123.
		<i>bu</i>	natalensine	ACSJ 77:1248.
	128. <i>Haemanthus puniceus</i> L.	<i>bu</i>	unn.	Wall 13.
		<i>bu</i>	lycorine	Wall 13.
	129. <i>Haemanthus</i> sp.	<i>bu</i>	galanthamine	Ber 90:1827.
	130. <i>Hessea (Periphanes) zeyheri</i> Baker	<i>bu</i>	haemanthamine	Naturw 45:390.
	131. <i>Hippeastrum bifidum</i> Baker	<i>bu</i>	hippeastrine	Naturw 45:390.
	132. <i>Hippeastrum rutilum</i> Herb.	<i>bu</i>	homolycorine	Naturw 45:390.
		<i>bu</i>	lycorine	Naturw 45:390.
		<i>bu</i>	haemanthamine	Ber 89:1129.
		<i>bu</i>	hippeastrine	Ber 89:1129.
		<i>bu</i>	homolycorine	Ber 89:1129.
	133. <i>Hippeastrum vittatum</i> Herb.	<i>w, bu</i>	lycorine	Ber 89:1129.
		<i>w, bu</i>	tazettine	Ber 87:1704.
		<i>bu</i>	vittatine	Ber 87:1704.
		<i>bu</i>	unn.	Ber 89:1129.
		<i>bu</i>	unn.	Wall 13.
	134. <i>Hippeastrum</i> sp.	<i>bu</i>	galanthamine	Klein 757.
	135. <i>Hymenocallis adnata</i> Herb.	<i>bu</i>	galanthine	Naturw 45:315.
	136. <i>Hymenocallis amancaea</i> (<i>Ismene amancaea</i>) (Ruiz & Pavon) Nichols.	<i>bu</i>	haemanthamine	Naturw 45:315.
		<i>bu</i>	hippeastrine	Naturw 45:315.
		<i>bu</i>	lycorine	Naturw 45:315.
		<i>bu</i>	nerinine	Naturw 45:315.
		<i>bu</i>	tazettine	Naturw 45:315.
		<i>bu</i>	unn.	CA 50:5242.
		<i>bu</i>	galanthamine	Naturw 45:315.
		<i>bu</i>	haemanthamine	Naturw 45:315.
		<i>bu</i>	homolycorine	Naturw 45:315.
		<i>bu</i>	lycorine	Naturw 45:315.
		<i>bu</i>	nerinine	Naturw 45:315.
		<i>bu</i>	tazettine	Naturw 45:315.
		<i>bu</i>	vittatine	Naturw 45:315.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
138. <i>Hymenocallis caymanensis</i> Herb.	bu	lycorine	CA 49:11670.
	l, bu	tazettine	CA 49:11670.
	r	lycorine	M-H II 335.
	bu	tazettine	CA 49:11670.
	bu	lycorine	CA 49:11670.
	bu	nivaline	ACSJ 78:2899.
	bu	tazettine	CA 49:11670.
	bu	galanthamine	Naturw 45:315.
	bu	haemanthamine	Naturw 45:315.
	bu	hippeastrine	Naturw 45:315.
	bu	homolycoreine	Naturw 45:315.
	bu	lycorine	Naturw 45:315.
	bu	tazettine	Naturw 45:315.
	bu	unn	Wall 13.
	bu	haemanthamine	Ber 90:1827.
	bu	hippeastrine	Ber 90:1827.
	bu	lycorine	Ber 90:1827.
	bu	nerinine	Ber 90:1827.
	bu	tazettine	Ber 90:1827.
	l	galanthamine	Ber 90:2203.
	l, t	isotazettine	CA 52:9169.
	l	lycorenine	Ber 90:2203.
	bu	lycorine	Ber 90:2203.
	l	lycorine	CA 52:9169.
	w	unn	Wall 13.
	bu	galanthamine	CI 1954:1453.
	bu	homolycoreine	CA 49:2680.
	bu	lycorenine	CA 49:2680.
142. <i>Hymenocallis speciosa</i> Salisb.		lycorine	Ber 87:681.
143. <i>Leucojum aestivum</i> L.			
144. <i>Leucojum vernum</i> L.			

145. <i>Lycoris albiflora</i> Koidz.	<i>bu</i>	galanthamine	Naturw 45:390.
	<i>bu</i>	homolycorine	Naturw 45:390.
	<i>bu</i>	lycorenine	Naturw 45:390.
	<i>bu</i>	lycorine	Naturw 45:390.
	<i>bu</i>	galanthamine	Ber 90:369.
	<i>bu</i>	lycorine	Ber 90:369.
	<i>bu</i>	galanthamine	Ber 90:369.
	<i>bu</i>	haemanthidine	Ber 90:369.
	<i>bu</i>	lycorine	Ber 90:369.
	<i>bu</i>	base IX	M-H II 335.
	<i>bu</i>	demethylhomolycorine	LCSJ 1959:172.
	<i>bu</i>	gaianthamine	CI 1954:1453.
	<i>bu</i>	homolycorine	M-H II 335.
	<i>bu</i>	Ψ-homolycorine	CA 26:4818.
	<i>bu</i>	lycoramine	M-H II 335.
	<i>bu</i>	lycoremine	CA 50:13960.
	<i>bu</i>	lycorenine	M-H II 335.
	<i>bu</i>	lycorine	M-H II 335.
	<i>bu</i>	Ψ-lycorine	CA 26:4818.
	<i>bu</i>	norpluviine	LCSJ 1959:172.
	<i>bu</i>	pluviine	CA 51:13885.
	<i>bu</i>	sekisanine	M-H II 335.
	<i>bu</i>	sekisanoline	M-H II 335.
	<i>bu</i>	suisenine	Orekhov 724.
	<i>bu</i>	tazettine	M-H II 335.
	<i>bu</i>	base IX	ACSJ 78:4146.
149. <i>Lycoris squamigera</i> Maxim.	<i>f</i>	unn.	Wall 13.
150. <i>Narcissus cyclamineus</i> DC.	<i>bu</i>	galanthine	Ber 90:725.
	<i>bu</i>	haemanthidine	Ber 90:725.
	<i>bu</i>	homolycorine	Ber 90:725.
	<i>bu</i>	lycoramine	Ber 90:725.
	<i>bu</i>	lycorenine	Ber 90:725.
	<i>bu</i>	lycorine	Ber 90:725.
	<i>bu</i>	narcissidine	Ber 90:725.
	<i>bu</i>	pluviine	Ber 90:725.
	<i>bu</i>	tazettine	Ber 90:725.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
151. <i>Narcissus</i> hybrids	bu	base D	Ber 90:2197.
	bu	caranine	Ber 90:2197.
	bu	daphnarcine	Ber 90:2197.
	bu	fiancine	Ber 90:2197.
	bu	galanthamine	Ber 90:2197.
	bu	galanthine	Ber 90:2197.
	bu	haemanthamine	Ber 90:2197.
	bu	hippeastrine	Ber 90:2197.
	bu	homolycoreine	Ber 90:2197.
	bu	insulamine	Ber 90:2197.
	bu	irenine	Ber 90:2197.
	bu	lycorenine	Ber 90:2197.
	bu	lycorine	Ber 90:2197.
	bu	magnarcine	Naturw 46:228.
	bu	narcissamine	Ber 90:2197.
	bu	narcissidine	Ber 90:2197.
	bu	narwedine	Ber 90:2197.
	bu	oduline	Ber 90:2197.
	bu	petomine	Ber 90:2197.
	bu	pluviine	Ber 90:2197.
	bu	robocene	Ber 90:2197.
	bu	tazettine	Ber 90:2197.
	bu	galanthamine	Ber 89:163.
	bu	galanthine	Ber 89:163.
	bu	haemanthamine	Ber 89:163.
	bu	lycorenine	Ber 89:163.
	bu	lycorine	Ber 89:163.
	bu	narcissidine	Ber 89:163.
	bu	pluviine	Ber 89:163.
	bu	galanthamine	Ber 90:725.
	bu	haemanthamine	Ber 90:725.
153. <i>Narcissus jonquilla</i> L.	bu	hippeastrine	Ber 90:725.

154. *Narcissus orientalis* L.

155. *Narcissus poeticus* L.

155A. *Narcissus pseudo-narcissus* L.

156. *Narcissus tazetta* L.

157. *Narcissus* cf. *tazetta* L.

<i>bu</i>	homolycorine	Ber 90:725.
<i>bu</i>	lycorenine	Ber 90:725.
<i>bu</i>	lycorine	Ber 90:725.
<i>bu</i>	oduline	Ber 90:725.
<i>bu</i>	tazettine	Ber 90:725.
<i>bu</i>	lycorine	Orekhoy 420.
<i>bu</i>	galanthamine	Ber 89:2462.
<i>bu</i>	galanthine	Ber 89:2462.
<i>bu</i>	haemanthamine	Ber 89:2462.
<i>bu</i>	homolycorine	Ber 89:2462.
<i>bu</i>	lycorenine	CA 49:2680.
<i>bu</i>	lycorine	CA 49:2679.
<i>bu</i>	narcipoetine	M-H II 335.
<i>bu</i>	narcissidine	CA 49:2679.
<i>bu</i>	poeticine	Ber 89:2462.
<i>bu</i>	galanthamine	Ber 89:163.
<i>bu</i>	galanthine	Ber 89:163.
<i>bu</i>	haemanthamine	Ber 89:163.
<i>bu</i>	homolycorine	AC SJ 78:4145.
<i>bu</i>	lycorenine	Ber 89:163.
<i>bu</i>	lycorine	Ber 89:163.
<i>bu</i>	methylpseudolycorine	AC SJ 78:4145.
<i>bu</i>	narcissamine	AC SJ 78:4145.
<i>bu</i>	pluviine	Ber 89:163.
<i>bu</i>	fiancine	Ber 89:2462.
<i>bu</i>	galanthamine	Ber 89:2462.
<i>bu</i>	galanthine	Ber 89:2462.
<i>bu</i>	haemanthamine	Ber 89:2462.
<i>bu</i>	hippeastrine	Ber 89:2462.
<i>bu</i>	homolycorine	Ber 89:2462.
<i>bu</i>	lycorine	M-H II 335.
<i>bu</i>	narcissidine	Ber 89:2462.
<i>bu</i>	nartazine	Ber 89:2462.
<i>bu</i>	narzettine	Ber 89:2462.
<i>bu</i>	pluviine	Ber 89:2462.
<i>bu</i>	suisenine	M-H II 335.
<i>bu</i>	tazattine	M-II II 335.
<i>l, bu</i>	unn	Wall 13.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
158. <i>Narcissus triandrus</i> L.	bu	galanthamine	Ber 90:725.
	bu	haemanthamine	Ber 90:725.
	bu	homolycorine	Ber 90:725.
	bu	lycorenine	Ber 90:725.
	bu	lycorine	Ber 90:725.
	bu	tazettine	Ber 90:725.
	unn.		Wall 13.
159. <i>Nerine (?) angustifolia</i> Baker	bu	ambelline	CA 51:7384.
160. <i>Nerine bowdenii</i> W. Watson	bu	crinamidine	CA 51:7384.
	bu	ernidine	CA 51:7384.
	bu	lycorine	CA 51:7384.
	bu	undulatine	CA 51:7384.
	bu	coruscine	Ber 90:369.
	bu	crinamidine	Ber 90:369.
	bu	lycorine	Ber 90:369.
	bu	neruscine	Ber 90:369.
	bu	tazettine	Ber 90:369.
	bu	vittatine	Ber 90:369.
	bu	caranine	AC SJ 77:4807.
	bu	falcetine	AC SJ 77:4807.
	bu	lycorine	AC SJ 77:4807.
	bu	ambelline	Ber 90:369.
	bu	crinamidine	Ber 90:369.
	bu	flexinine	Ber 90:369.
	bu	lycorine	Ber 90:369.
	bu	undulatine	Ber 90:369.
	bu	krigeine	AC SJ 78:2899.
	bu	lycorine	AC SJ 78:2899.
	bu	neronine	AC SJ 78:2899.
	bu	caranine	AC SJ 77:4807.
	bu	falcetine	AC SJ 77:4807.
161. <i>Nerine corusca</i> Herb.	bu	lycorine	AC SJ 77:4807.
162. <i>Nerine falcata</i> Barker	bu	neruscine	Ber 90:369.
163. <i>Nerine flexuosa</i> Herb. var. <i>alba</i>	bu	tazettine	Ber 90:369.
	bu	vittatine	Ber 90:369.
	bu	caranine	Ber 90:369.
	bu	falcetine	Ber 90:369.
	bu	lycorine	Ber 90:369.
	bu	ambelline	Ber 90:369.
	bu	crinamidine	Ber 90:369.
	bu	flexinine	Ber 90:369.
	bu	lycorine	Ber 90:369.
	bu	undulatine	Ber 90:369.
	bu	krigeine	AC SJ 78:2899.
	bu	lycorine	AC SJ 78:2899.
	bu	neronine	AC SJ 78:2899.
	bu	caranine	AC SJ 77:4807.
	bu	falcetine	AC SJ 77:4807.
164. <i>Nerine krigei</i> Barker	bu	lycorine	AC SJ 77:4807.
165. <i>Nerine laticoma</i> (Ker) Dur. & Schinz	bu	neronine	AC SJ 77:4807.
	bu	caranine	AC SJ 77:4807.
	bu	falcetine	AC SJ 77:4807.
	bu	lycorine	AC SJ 77:4807.

166. <i>Nerine masonorum</i> L. Bolus	<i>bu</i>	caranine.....	Naturw 45:85.
	<i>bu</i>	crinidine.....	Naturw 45:85.
	<i>bu</i>	haemanthamine.....	Naturw 45:85.
	<i>bu</i>	lycorine.....	Naturw 45:85.
	<i>bu</i>	masonine.....	Naturw 45:85.
	<i>bu</i>	narcissidine.....	Naturw 45:85.
	<i>bu</i>	tazettine.....	Naturw 45:85.
	<i>w</i>	lycorine.....	Ber 87:1704.
	<i>w</i>	nerinine.....	Ber 87:1704.
	<i>w</i>	tazettine.....	Ber 87:1704.
	<i>bu</i>	ambelline.....	CA 51:2822.
	<i>bu</i>	base N.....	CA 51:2822.
	<i>bu</i>	buphanamine.....	Naturw 46:228.
	<i>bu</i>	crinidine.....	Naturw 46:228.
	<i>bu</i>	crispine.....	CA 51:2822.
	<i>bu</i>	lycorine.....	CA 51:2822.
	<i>bu</i>	nerispine.....	CA 51:2822.
	<i>bu</i>	nerundine.....	Naturw 46:228.
	<i>bu</i>	undulatine.....	CA 51:2822.
	<i>bu</i>	unn.....	Wall 13.
	<i>bu</i>	galanthamine.....	Ber 90:369.
	<i>bu</i>	lycorine.....	Ber 90:369.
	<i>bu</i>	vittatine.....	Ber 90:369.
	<i>bu</i>	hippeastrine.....	CA 51:7384.
	<i>bu</i>	lycorine.....	CA 49:1159.
	<i>bu</i>	pancratine.....	CA 50:2627.
	<i>bu</i>	tazettine.....	CA 51:7384.
	<i>bu</i>	unn.....	Wall 13.
	<i>bu</i>	haemanthamine.....	Ber 88:1590.
	<i>bu</i>	haemanthidine.....	Ber 88:1590.
	<i>bu</i>	lycorine.....	Ber 88:1590.
	<i>bu</i>	tazettine.....	Ber 88:1590.
	<i>bu</i>	galanthamine.....	Naturw 45:390.
	<i>bu</i>	hippeastrine.....	Naturw 45:390.
	<i>t</i>	lycorine.....	CA 49:3216.
	<i>t</i>	sternidine.....	Orekhov 725.
	<i>t</i>	sternine.....	CA 49:3216.
	<i>t</i>	unn.....	CA 49:3216.
	<i>t</i>	luteine.....	CA 49:3216.
	<i>t</i>	lycorine.....	CA 49:3216.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
176. <i>Ungernia ferganica</i> Vved.	bu	lycorine	CA 52:9173.
	bu	tazettine	CA 52:9173.
177. <i>Ungernia sewerzowii</i> Fedtsch.	bu	lycorine	Henry 406.
	bu	tazettine	Henry 406.
	bu	ungeridine	CA 49:1281.
	bu	ungerine	CA 49:1281.
178. <i>Ungernia tadzhikorum</i> Vved.	bu	lycorine	M-H II 335.
	bu	ungeridine	CA 52:9173.
	bu	unn.	M-H II 335.
179. <i>Ungernia trisphaera</i> Bunge	w	unn.	CA 35:4154.
180. <i>Ungernia victoris</i> Vved.	bu	galanthamine	CA 52:9173.
181. <i>Urceolina miniata</i> Benth. & Hook. f.	bu	lycorine	CA 52:9173.
	bu	haemanthamine	Ber 90:1827.
	bu	lycorine	Ber 90:1827.
	bu	tazettine	Ber 90:1827.
	bu	urceoline	Ber 90:1827.
	bu	urminine	Ber 90:1827.
182. <i>Vallota purpurea</i> Herb.	yw	galanthamine	CA 51:2822.
	yw	haemanthamine	CA 51:2822.
	yw	haemanthidine	CA 51:2822.
	yw	lycorine	CA 51:2822.
	yw	vallotidine	CA 51:2822.
	yw	vallotine	CA 51:2822.
	bu	unn.	Wall 13.
183. <i>Vallota speciosa</i> (L.f.) Dur. & Schinz	bu	galanthamine	Naturw 45:390.
183A. <i>Zephyranthes andersoniana</i> Benth. & Hook. f.	bu	haemanthamine	Naturw 45:390.
184. <i>Zephyranthes candida</i> (Lindl.) Herb.	bu	haemanthamine	Ber 88:1590.
	bu	lycorine	Ber 88:1590.
	bu	nerinine	Ber 88:1590.
	bu	tazettine	Ber 88:1590.
185. <i>Zephyranthes carinata</i> Herb.	bu	galanthine	Ber 90:2203.
	bu	haemanthamine	Ber 90:2203.

186. <i>Zephyranthes citrina</i> Baker	<i>bu</i>	lycorine	Ber 90:2203.
	<i>bu</i>	tazettine	Ber 90:2203.
	<i>bu</i>	galanthine	Ber 90:2203.
	<i>bu</i>	haemanthamine	Ber 90:2203.
	<i>bu</i>	lycorenine	Ber 90:2203.
	<i>bu</i>	lycorine	Ber 90:2203.
	<i>r</i>	galanthamine	Ber 90:2203.
187. <i>Zephyranthes rosea</i> Lindl.	<i>bu</i>	lycorine	Henry 406.
188. <i>Zephyranthes texana</i> Herb.	<i>bu</i>	lycorine	BA 16:5399.
ANACARDIACEAE			
189. <i>Euroschinus falcatus</i> (?) Hook. f.	<i>b</i>	unn.	Webb 241.
190. <i>Loxopterigium lorentzii</i> Griseb. (see 192, 194)		loxopterygine	Klein 731.
191. <i>Quebracho colorado</i> (<i>Schinopsis balansae</i> and <i>S. lorentzii</i>)		loxopterygine	Orehov 773.
192. <i>Quebrachia lorentzii</i> Griseb. (see 190, 194)	<i>b</i>	loxopterygine	Henry 782.
193. <i>Rhus coriaria</i> L.	<i>fr</i>	unn.	CA 50:490.
194. <i>Schinopsis lorentzii</i> (Griseb.) Engl. (see 190, 192)		loxopterygine	Orehov 773.
195. <i>Sclerocarya caffra</i> Sond.	<i>b</i>	unn.	We 705.
ANNONACEAE			
196. <i>Alphonsea ventricosa</i> Hook. f. & Thoms.		alphonsine	Sokolov 119.
197. <i>Anazagorea javanica</i> Blume	<i>s, r</i>	unn.	D-K.
198. <i>Ancana stenopetala</i> F. Muell.	<i>l</i>	unn.	Webb 268.
199. <i>Annona cherimolia</i> Mill.	<i>sd</i>	caffeine	BA 24:7303.
200. <i>Annona glabra</i> L.	<i>l, s</i>	unn.	Wall 55.
201. <i>Annona muricata</i> L.	<i>l, s, fr</i>	unn.	Webb 268.
		anonaine	Wall 55.
		anoniine	Sokolov 119.
		muricaine	Sokolov 119.
		muricinine	Henry 317.
202. <i>Annona purpurea</i> Mociño & Sessé	<i>l, s</i>	unn.	Henry 317.
203. <i>Annona reticulata</i> L.	<i>b</i>	anonaine	D-K.
204. <i>Annona squamosa</i> L.	<i>l, s</i>	unn.	Wall 15.
	<i>l, sd</i>	anonaine	M-H IV 142.
			Wall 55.
			M-H IV 142.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ANNONACEAE—Continued			
205. <i>Annona triloba</i> L.	b	anolobine artabotrinine asiminine unn	CJR 16 B:76. Orekhover 362. Henry 317. Webb 268.
206. <i>Annona</i> sp.	l	artabotrine	Merck.
207. <i>Artobotrys suaveolens</i> Blume	s, b	artabotrinine suaveoline	M-H IV 86. Henry 317.
208. <i>Asimina triloba</i> (L.) Dunal	b sd l, s	anolobine asiminine unn	M-H IV 139. Merck. Wall 55. Webb PS.
209. <i>Cananga</i> sp.	b	berberine	Henry 329.
210. <i>Coeloclinc polycarpa</i> A. DC.	b	palmatine	Naturw 46:263.
210A. <i>Enantia chlorantha</i>	b	unn	D-K.
211. <i>Goniothalamus curtisii</i> King	r	unn	Klein 708.
212. <i>Guatteria pallida</i> Blume	l	unn	Webb 268.
213. <i>Haplostichanthus johnsonii</i> F. Muell.	l	unn	Klein 708.
214. <i>Melodorum</i> sp.	l	unn	Webb 268.
215. <i>Mitrephora</i> sp.	l	unn	Klein 708.
215A. <i>Monoon costigatum</i> = <i>Polyalthia costigerum</i> (Miq.) Boerl. (<i>M. costigerum</i> Miq.).	—	unn	Klein 708.
216. <i>Orophea</i> sp.	l, s, sd	unn	Bisset 125.
217. <i>Oxymitra</i> sp.	—	unn	Klein 708.
218. <i>Phaeanthus ebracteolatus</i> (Presl) Merr.	—	phaeantharine phaeanthine	BA 26:13175. CA 26:729.
219. <i>Polyalthia affinis</i> Teijsm. & Binn.	l	unn	Klein 708.
221. <i>Polyalthia nitidissima</i> Benth.	l	unn	Webb 268.
222. <i>Polyalthia purpurea</i> Ridley	l, s	unn	D-K.
223. <i>Polyalthia</i> sp.	l	unn	Webb PS.
224. <i>Popowia australis</i> Benth.	—	unn	Webb 268.
225. <i>Popowia pisocarpa</i> Endl.	—	unn	Klein 707.

226. <i>Rauwenhoffia (Melodorum) leichhardtii</i> (F. Muell.) Diels.	<i>l, s</i>	unn	Webb 268.
227. <i>Saccopetalum</i> sp.	<i>l, s</i>	unn	Klein 708.
228. <i>Uvaria hirsuta</i> Jack.	<i>l</i>	unn	D-K.
229. <i>Uvaria membranacea</i> Benth.	<i>b</i>	unn	Webb 268.
230. <i>Xylopia discreta</i> (L.) Sprague & Hutchinson	<i>b</i>	discretamine	Helv 42:335
	<i>b</i>	discretine	Helv 42:335.
	<i>b</i>	discretinine	Helv 42:335.
	<i>b</i>	xylopine	Helv 42:335.
	<i>b</i>	xylopinine	Helv 42:335.
231. <i>Xylopia ferruginea</i> Baill.	<i>l, s</i>	unn	D-K.
232. <i>Xylopia macrocarpa</i> A. Cheval.	<i>b</i>	berberine	Henry 317.
233. <i>Xylopia polycarpa</i> Oliver	<i>b</i>	berberine	M-H IV 86.
APOCYNACEAE			
233A. <i>Aganosma dichotoma</i> (Roth) K. Schum. (<i>A. caryophyllata</i> (Wall.) G. Don).	<i>l, b</i>	unn	Bisset (2) 111.
234. <i>Allamanda nerifolia</i> Hook.	<i>l, s</i>	unn	D-K.
235. <i>Alstonia actinophylla</i> (Cunn.) K. Schum.	<i>l, b</i>	echitamine	RSWAJ 41:1 (1958).
236. <i>Alstonia angustiloba</i> Miq.	<i>b</i>	unn	Webb 241.
236A. <i>Alstonia brassii</i> Monachino	<i>b</i>	echitamine	Henry 716.
237. <i>Alstonia congensis</i> Engl.	<i>b</i>	unn	Bisset (2) 151.
238. <i>Alstonia constricta</i> F. Muell.	<i>rb</i>	echitamidine	Henry 716.
	<i>b</i>	echitamine	CA 49:14266.
	<i>rb</i>	alstonidine	APAJ 46:508.
	<i>b</i>	alstoniline	Henry 716.
	<i>rb</i>	alstonine	APAJ 46:508.
	<i>b</i>	porphyrine	Henry 716.
	<i>rb</i>	porphyrosine	Henry 716.
	<i>rb</i>	rauwolscine	APAJ 46:508.
	<i>rb</i>	reserpine	CA 49:10334.
	<i>rb</i>	tetrahydroalstonine	APAJ 46:508.
	<i>rb</i>	yohimbine	APAJ 46:508.
	<i>l</i>	unn	Webb 241.
239. <i>Alstonia gilletii</i> DeWild.	<i>b</i>	echitamine	Henry 716.
240. <i>Alstonia macrophylla</i> Wall.	<i>b</i>	macralstonidine	Henry 716.
	<i>b</i>	macralstonine	Henry 716.
	<i>b</i>	macrophylline	CA 31:6243.
	<i>b</i>	villalstonine	Henry 716.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
241. <i>Alstonia muelleriana</i> Domin.	b, l	unn	Webb 268.
242. <i>Alstonia scholaris</i> (L.) R. Br.	b	alstonine	Sokolov 129.
	b	ditamine	Henry 716.
	b	echitamidine	Henry 716.
	b	echitamine	Henry 716.
	b	echitenine	Henry 716.
	b	porphyrine	Sokolov 129.
	b	unn	We 985.
243. <i>Alstonia sericea</i> Blume.	b	macralstonidine	Henry 716.
244. <i>Alstonia somersetensis</i> F. M. Bailey	b	macralstonine	Orekhov 786.
	b	villalstonine	Henry 716.
245. <i>Alstonia spatulata</i> Blume	b	echitamine	Henry 716.
	l	unn	D-K.
246. <i>Alstonia spectabilis</i> R. Br.	b	alstonamine	Henry 716.
	b	ditamine	Henry 716.
	b	echitamine	Henry 716.
	b	echitenine	Henry 716.
247. <i>Alstonia verticillosa</i> F. Muell.	b	echitamine	Henry 716.
	b	macralstonidine	Orekhov 786.
	b	macralstonine	Orekhov 786.
	b	villalstonine	Orekhov 786.
	b	macralstonidine	Orekhov 786.
	b	macralstonine	Orekhov 786.
	b	villalstonine	Orekhov 786.
248. <i>Alstonia villosa</i> Blume	b	unn	Henry 716.
	b	unn	Webb 241.
249. <i>Alstonia</i> spp.	l	unn	Webb PS.
250. <i>Alyxia ilicifolia</i> F. Muell.	l, fr.	unn	Webb 268.
251. <i>Alyxia ruscifolia</i> R. Br.	b	unn	Webb 241.
252. <i>Alyxia stellata</i> Roem. & Schult.	l	unn	We 988.
253. <i>Alyxia</i> sp.	l	unn	Webb 241.
254. <i>Amsonia ciliata</i> Walt.	w	unn	Wall 55.
255. <i>Amsonia elliptica</i> (Thunb.) Roem. & Schult.	r	amsonine	Wall 13. CA 50:16033.

256. <i>Amsonia tabernaemontana</i> Walt.	r	β -yohimbine	Bisset (2) 171.
257. <i>Aspidosperma album</i> (Vahl) Benoist	sd	unn	CA 50:14886.
258. <i>Aspidosperma australe</i> Muell. Arg.	l	tabersonine	CR 248:3005.
259. <i>Aspidosperma chakense</i> Speg.	b	unn	Bisset (2) 170.
260. <i>Aspidosperma excelsum</i> Benth.	b	unn	CA 48:13958.
260A. <i>Aspidosperma longepetiolatum</i> Kuhlm.	b	aspidospermine	BA 22:22299.
261. <i>Aspidosperma megalocarpon</i> Muell. Arg.	b	quebrachamine	JOC 21:979.
262. <i>Aspidosperma oblongum</i> A. DC.	b	spegazzinine	JOC 21:979.
262A. <i>Aspidosperma olivaceum</i> Muell. Arg.	b	unn	CA 49:1280.
263. <i>Aspidosperma peroba</i> Saldanha da Gama	b	gratambuine	Exp 15:179.
264. <i>Aspidosperma polyneuron</i> Muell. Arg.	l, b	unn	Exp 15:179.
265. <i>Aspidosperma pyricollum</i> Muell. Arg.	b	unn	CA 48:13958.
266. <i>Aspidosperma quebracho</i> Griseb.	b	olivacine	CA 47:7109.
	rb	uleine	CA 53:6526.
	rb	aspidosamine	CA 53:6526.
	rb	aspidospermanine	N-O 115.
	rb	aspidospermicine	N-O 115.
	rb	aspidospermine	Klein 792.
	rb	alkaloids A, B	CA 52:14081.
	rb	aspidospermanine	N-O 115.
	rb	aspidospermicine	M-H II 422.
	rb	aspidospermine	Helv 42:874.
	rb	palosine	Helv 42:874.
	rb	quebrachamine	Helv 42:874.
	rb	yohimbine (?)	Helv 42:874.
	ls	aspidospermine	Klein 792.
	b	aspidosamine	Henry 511.
	b	aspidospermatine	Merck.
	b	aspidospermine	Henry 511.
	b	hypoquebrachine	Henry 511.
	b	quebrachamine	Henry 511.
	b	yohimbine	Henry 511.
	b	aspidosamine	Merck.
	b	aspidospermatine	Quart Rev 10:139.
	b	aspidospermicine	Quart Rev 10:139.
	b	aspidospermine	M-H II 422.
	b	hypoquebrachine	Quart Rev 10:139.
	b	quebrachamine	M-H II 422.
	b	yohimbine	M-H II 422.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
268. <i>Aspidosperma quirandy</i> Hassler.....	b.....	aspidosamine.....	M-H II 422.
	b.....	aspidospermine.....	M-H II 422.
	b.....	haslerine.....	M-H II 422.
	b.....	quirandine.....	M-H II 422.
	l, b.....	aspidospermine.....	Klein 792.
	rb.....	U-alkaloids B, C, D.....	Helv 41:288.
	rb.....	uleine.....	Helv 40:1189.
	b.....	paytamine.....	M-H II 422.
	b.....	paytine.....	M-H II 422.
	.....	unn.....	BA 23:1939.
269. <i>Aspidosperma sessiliiflorum</i> Muell. Arg.....	s.....	unn.....	D-K.
270. <i>Aspidosperma ulei</i> Markgraf.....	l, s.....	unn.....	D-K.
271. <i>Aspidosperma</i> spp.....	.....	unn.....	M-H V 315.
272. <i>Beaumontia grandiflora</i> Wall.....	.....	.....	Bisset (2) 124.
273. <i>Beaumontia multiflora</i> Teijsm. & Binn.....	.....	.....	Bisset (2) 124.
274. <i>Calpicarpum roxburghii</i> G. Don = <i>Kopsia fruiticosa</i> (Ker) A. DC.....	.....	.....	Webb 241, 268.
274A. <i>Carissa carandas</i> L.....	b.....	unn.....	Bisset (2) 125.
274B. <i>Carissa edulis</i> Vahl.....	l, s.....	unn.....	Bisset (2) 125.
275. <i>Carissa ovala</i> R. Br.....	l, s, b.....	unn.....	CR 245:1265.
275A. <i>Carpodinus dulcis</i> Sab.....	rb.....	unn.....	CR 245:1265.
275B. <i>Carpodinus gracilis</i> Stapf.....	b.....	unn.....	CR 245:1265.
276. <i>Catharanthus lanceus</i> (Boj. ex A. DC.) Pichon.....	l, s, r.....	unn.....	CR 245:1265.
277. <i>Catharanthus longifolius</i> (Pichon) Pichon.....	l, r.....	unn.....	CR 245:1265.
278. <i>Catharanthus roseus</i> (L.) G. Don.....	l, s, r.....	unn.....	CR 245:1265.
279. <i>Catharanthus trichophyllum</i> (Baker) Pichon.....	w.....	unn.....	CR 245:1265.
280. <i>Cerbera ahouai</i> L.....	.....	carpaine.....	Sokolov 133.
281. <i>Chilocarpus australis</i> F. Muell.....	l.....	unn.....	Webb 241.
281A. <i>Chilocarpus suaveolens</i> Bl.....	b.....	unn.....	Bisset (2) 129.
282. <i>Chonemorpha macrophylla</i> (Roxb.) G. Don.....	rb.....	chonemorphine.....	CA 49:15926.
283. <i>Chonemorpha penangensis</i> Ridley.....	l, s.....	unn.....	D-K.
283A. <i>Conopharyngia pachystiphon</i>	r.....	20 α -amino-3 β -hydroxy-5-pregnene.....	ACSJ 81:3154.
284. <i>Cyrtosiphonia madurensis</i> Teijsm. & Binn.....	.....	unn.....	We 985.
285. <i>Cyrtosiphonia spectabilis</i> Miq.....	.....	unn.....	Klein 741.

286. <i>Dyera laxiflora</i> Hook. f.	<i>l.</i>	unn.	D-K. CA 47:3519.
287. <i>Elytropus chilensis</i> Muell. Arg.	<i>l, s, r.</i>	unn.	Webb 241, 268.
288. <i>Ervatamia angustisepala</i> (R. Br.) Domin (<i>Tabernaemontana orientalis</i> var. <i>angustisepala</i> Benth.).	<i>l, s, fr.</i>	unn.	
289. <i>Ervatamia orientalis</i> (R. Br.) Turrill (<i>Tabernaemontana orientalis</i> R. Br.).	<i>l, fr.</i>	unn.	Webb 241.
290. <i>Ervatamia</i> (<i>Tabernaemontana</i>) <i>pubescens</i> Markgraf.	<i>l.</i>	unn.	Webb 268.
	<i>l, sd, b.</i>	unn.	Bisset (2) 125.
291. <i>Ervatamia</i> spp.	<i>l.</i>	forsteronine	Webb PS.
292. <i>Forsteronia brasiliensis</i> A. DC.	<i>l.</i>	forsteronine	We 997.
293. <i>Forsteronia pubescens</i> A. DC.	<i>l, fr.</i>	unn.	Klein 795.
294. <i>Funtumia elastica</i> Stapf.	<i>l, s, r.</i>	funtumidine	Wall 15.
295. <i>Funtumia latifolia</i> Stapf.	<i>l, s, r.</i>	funtumine	CR 246:3076.
296. <i>Funtumia</i> spp.	<i>b.</i>	unn.	CR 246:3076.
297. <i>Geissospermum laeve</i> Miers.	<i>b.</i>	flavopereirine	Wall 26.
	<i>l, fr, b.</i>	geissospermine	CR 244:2066.
298. <i>Geissospermum sericeum</i> (Sag.) Benth. & Hook.	<i>b.</i>	pereirine	Bisset (2) 162.
299. <i>Geissospermum vellosii</i> Allem.	<i>b.</i>	geissospermine	Bisset (2) 162.
	<i>b.</i>	alkaloids D ₂ , E-	CA 49:4234.
	<i>b.</i>	flavopereirine	AC SJ 80:1601.
	<i>b.</i>	geissoschizoline	AC SJ 80:1604.
	<i>b.</i>	geissospermine	AC SJ 80:1601.
	<i>b.</i>	pereirine	Henry 735.
	<i>b.</i>	pereitrine	Henry 736.
	<i>b.</i>	vellosine	Sokolov 129.
	<i>b.</i>	kamassine	Henry 736.
	<i>b.</i>	quebrachamine	CA 45:9222.
	<i>w.</i>	unn.	Helv 35:114.
300. <i>Goniioria kamassii</i> E. Mey.	<i>w.</i>	cimicidine	Henr 781.
301. <i>Haplophyton cimicidum</i> A. DC.	<i>w.</i>	haplophytine	CA 47:6594.
302. <i>Holarrhena africana</i> A. DC.	<i>b, rb.</i>	conessimine	CA 47:6594.
	<i>b.</i>	conessine	Bisset (2) 168.
	<i>b, rb.</i>	holafrine	Henry 742.
	<i>b.</i>	holarrhenine	Helv 41:11.
	<i>b.</i>	holarrhetine	Bisset (2) 168.
	<i>rb.</i>	holarrhimine	Helv 41:11.
		kurchicine	Bisset (2) 168.
			Bisset (2) 168.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
303. <i>Holarrhena antidysenterica</i> (Roxb.) Wall.	b	conamine	Ber 89:1288.
	b	conanrrhimine	Ber 91:1504.
	b	conessidine	M-H V 313.
	b	conessimine	M-H V 313.
	b	conessine	M-H V 313.
	b	conimine	M-H V 313.
	b	conkurchine	M-H V 313.
	b	conkurchinine	M-H V 313.
	b	holarrhenine	M-H V 313.
	b	holarrhine	Henry 747.
	b	holarrhessimine	Ber 87:1719.
	b	holarrhidine	CA 52:8165.
	b	holarrhimine	M-H V 313.
	b	isoconessimine	M-H V 313.
	b	kurchamine	Ber 91:1504.
	b	lettocine	M-H V 313.
	b	monomethyl-holarrhimes I, II	Henry 748.
	b	norconessine	Ber 91:1504.
	b	tetramethyl-holarrhimine	Henry 744.
	b	trimethyl-conkurchine	Ber 91:1504.
	b	unn. (2)	Ber 89:1288.
	b	conessine	M-H V 313.
	b, l	holarrhenine	Henry 742.
304. <i>Holarrhena congoensis</i> Stapf	b	conessine	Henry 742.
305. <i>Holarrhena febrifuga</i> Klotzsch	b	conessine	Henry 742.
306. <i>Holarrhena floribunda</i> Durand & Schinz	b	conessine	Helv 41:12.
307. <i>Holarrhena wulfsbergii</i> Stapf	b	holarrhenine	Helv 41:12.
308. <i>Hunteria corymbosa</i> Roxb.	b	conessine	Henry 742.
309. <i>Hunteria eburnea</i> Pichon	b	unn.	We 985.
310. <i>Iboga</i> (<i>Tabernanthe</i>) sp.	r	ibogaine	CR 240:1470.
	r	ibogamine	CR 246:279.
			CR 246:279.

311. *Kickxia africana* Benth.
 312. *Kickxia arborea* Blume
 313. *Kopsia albiflora* Boerl. = *K. flavidia* Blume
 314. *Kopsia arborea* Blume
 315. *Kopsia flavidia* Blume
 316. *Kopsia fruticosa* (Ker) A. DC.
 317. *Kopsia longiflora* Merrill = *K. arborea* Blume
 318. *Kopsia pruniformis* Reichb. f. & Zoll. = *K. arborea* Blume
 319. *Kopsia roxburghii* Wehmer = *K. fruticosa* (Ker) A. DC.
 320. *Kopsia singapurensis* Ridley
 321. *Kopsia* sp. nov.
 322. *Leuconotis eugenifolius* (Wall.) A. DC.
 323. *Lochnera (Vinca) lancea* (Boj.) K. Schum.
 324. *Lochnera (Vinca) pusilla* (Murr.) K. Schum.
 325. *Macoubea guianensis* Aubl.
 325A. *Malouetia* spp.
 326. *Melodinus acutiflorus* F. Muell.
 327. *Melodinus australis* Maiden & Betche
 328. *Melodinus bacellianus* (F. Muell.) S. T. Blake
 329. *Melodinus guilfoylei* F. Muell.
 330. *Melodinus laevigatus* Blume
 331. *Melodinus murpe* F. M. Bailey
 332. *Nerium oleander* L.

<i>r</i>	iboxygaine	CR 246:279.
<i>sd</i>	tabernanthine	CR 246:279.
<i>sd, b</i>	unn.	We Sup 113.
<i>l</i>	kopsine	Bisset (2) 117.
<i>sd</i>	unn.	CA 48:1387.
<i>fr</i>	kopsamine	Bisset (2) 210.
<i>l, s</i>	kopsine	Bisset (2) 210.
<i>l, b</i>	kopsinine	Sokolov 129.
<i>b, l</i>	unn.	CA 50:1056.
<i>l</i>	kopsine	D-K.
<i>b, l</i>	kopsamine	M-H V 315.
<i>b</i>	kopsiflorine	CA 44:2997.
<i>l, s, sd</i>	kopsilongine	CA 53:428.
<i>sd</i>	kopsinine	CA 50:1056.
<i>l</i>	unn.	Bisset (2) 125.
<i>l</i>	kopsaporine	We 989.
<i>l</i>	kopsisgarine	K-A 165.
<i>l</i>	kopsisagine	K-A 165.
<i>l, s</i>	unn.	K-A 165.
<i>l, s</i>	unn.	D-K.
<i>b</i>	unn.	Webb 268.
<i>l</i>	unn.	We 981.
<i>r</i>	ajmalicine	D-K.
<i>l, s</i>	lanceine	CA 51:1544.
<i>l, s</i>	tetrahydro-alstonine	CA 52:5745.
<i>r</i>	yohimbine	CA 52:5745.
<i>l, s</i>	δ -yohimbine	CA 51:1544.
<i>wd, b</i>	vincarosine	CA 49:5496.
<i>l, b</i>	macoubeine	Chopra 652.
<i>l, s, b</i>	guachamaeine	Henry 372.
<i>l, b</i>	unn.	Bisset (2) 120.
<i>l, b</i>	unn.	Webb 241, 268.
<i>l, b, sd</i>	unn.	Webb 268.
<i>l</i>	unn.	Webb 268.
<i>l, s, fl</i>	unn.	Webb 268.
	unn.	CA 50:5240.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
333. <i>Ochrosia ackeringae</i> Miq.	b	unn.	We 989.
	b	unn.	Bisset (2) 207.
	b	unn.	We 989.
	b	unn.	We 989.
	b	unn.	We 989.
	b	unn.	We 989.
	b	unn.	We 989.
	b	unn.	Webb 268.
	b	ellipticine.	CR 247:1390.
	b	elliptine.	CR 247:1390.
	b	elliptinine.	ACSJ 81:1903.
	b	methoxy-ellipticine.	CR 247:1390.
	b	unn.	Webb 241.
	b, fr	unn.	Wall 60.
	s	unn.	Webb 268.
	l	unn.	Webb 268,
	l, b	unn.	CR 247:1390.
	b	unn.	Bisset (2) 125.
	b	unn.	Webb 241.
	b	unn.	Bisset (2) 121.
	b	unn.	We 981.
	b	unn.	We 981.
339. <i>Ochrosia kilneri</i> F. Muell.	l	unn.	Bisset (2) 115.
340. <i>Ochrosia moorei</i> F. Muell.	l, b	unn.	Bisset (2) 115.
341. <i>Ochrosia oppositifolia</i> (Lam.) K. Schum.	b	unn.	Webb 268.
	l, s, sd	unn.	Webb 268,
	l, s, b	unn.	CR 247:1390.
342. <i>Ochrosia poweri</i> F. M. Bailey	b	unn.	Bisset (2) 125.
342A. <i>Odontadenia hoffmannseggiana</i> (Steud.) Woods	rb	unn.	Webb 241.
343. <i>Ophioxyylon serpentinum</i> L. (<i>Rauvolfia serpentina</i>)	rb	unn.	Bisset (2) 121.
344. <i>Ophioxyylon trifoliatum</i> Gaertn. (<i>Rauvolfia serpentina</i>).	rb	unn.	We 981.
344A. <i>Pachygodium brevicaule</i> Bak.	b	unn.	Webb 268.
344B. <i>Pachygodium rutenbergianum</i> Vatke	b	unn.	Webb 268.
345. <i>Parsonsia buruensis</i> (?) (Teijsm. & Binn.) Boerl.	b, wd	unn.	Webb 241.
346. <i>Parsonsia</i> (<i>Lyonsia</i>) <i>eucalyptifolia</i> F. Muell.	l, s	unn.	Webb 268.
347. <i>Parsonsia latifolia</i> (Benth.) S. T. Blake	l, s	unn.	Webb 268.
348. <i>Parsonsia lilacina</i> F. Muell.	l, s	unn.	Webb 268.
349. <i>Parsonsia minahassae</i> Koord.	l, b	unn.	We 981.
350. <i>Parsonsia straminea</i> F. Muell.	l, b	unn.	We 268.
351. <i>Parsonsia velutina</i> R. Br.	l, s, fr	unn.	Webb 241, 268.

352. <i>Picralima klaineana</i> Pierre	<i>sd</i>	akuammicine	Henry 760.
	<i>sd</i>	akuammicine	Henry 760.
	<i>sd</i>	akuammicine	Henry 760.
	<i>sd</i>	akuammidine	Henry 760.
	<i>sd</i>	akuammigine	Henry 760.
	<i>sd</i>	Ψ-akuammigine	Henry 760.
	<i>sd</i>	akuammiline	Henry 760.
	<i>sd</i>	akuammine	Henry 760.
	<i>sd</i>	akuammicine	CA 51:13881.
	<i>sd</i>	akuammidine	CA 46:2556.
	<i>sd</i>	akuammigine	CA 46:2556.
	<i>sd</i>	Ψ-akuammigine	CA 46:2556.
	<i>sd</i>	akuammine	CA 46:2556.
	<i>l, s</i>	unn	D-K.
	<i>r</i>	unn	CR 244:2991.
	<i>sd, rb</i>	unn	Bisset (2) 118.
	<i>s</i>	unn	Schmit.
	<i>b</i>	unn	Bisset (2) 178.
	<i>l, s</i>	unn	Hocking 176.
	<i>l</i>	N,N-dimethyltryptamine	D-K.
354. <i>Pleiocarpa mutica</i> Benth.	<i>b</i>	unn	AC SJ 79:5735.
355. <i>Pleiocarpa tubicina</i> Stapf	<i>b</i>	unn	Bisset (2) 110.
355A. <i>Pleioceras barteri</i> Baill.	<i>r</i>	unn	We 989.
356. <i>Pleioceras</i> sp.	<i>r</i>	deserpidine	APA J 46:720.
356A. <i>Plumeria acutifolia</i> Poir.	<i>r</i>	reserpiline	APA J 46:720.
357. <i>Plumeria lancifolia</i> Muell. Arg.	<i>r</i>	reserpine	APA J 46:720.
358. <i>Plumeria</i> sp.	<i>r</i>	reserpinine	APA J 46:720.
359. <i>Prestonia amazonica</i> (Benth.) Macbr. (<i>Haemadictyon amazonicum</i>).	<i>r</i>	amsoniaeoline	PP AJ 44:127.
359A. <i>Prestonia quinquangularis</i> (Jacq.) Spreng.	<i>r</i>	rescinnamine	PP AJ 44:104.
360. <i>Pseudochrosia glomerata</i> Blume	<i>r</i>	reserpine	PP AJ 44:104.
360A. <i>Rauvolfia affinis</i> Muell. Arg. (?)	<i>r</i>	reserpiline	APA J 46:720.
	<i>r</i>	reserpine	APA J 46:720.
	<i>r</i>	ajmalicine	Chatt 142.
	<i>r</i>	sarpagine	CA 51:671.
	<i>r</i>	serpentine	Chatt 142.
	<i>r</i>	δ-yohimbine	CA 51:671.
361. <i>Rauvolfia amsoniaeefolia</i> (Miq.) A. DC.	<i>r</i>		
362. <i>Rauvolfia bahiensis</i> A. DC.	<i>r</i>		
363. <i>Rauvolfia beddomei</i> Hook. f.	<i>r</i>		

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
363A. <i>Rauvolfia boliviiana</i> Mgf. = <i>R. schuelii</i> Speg.	<i>rb</i>	ajmaline	CA 53:3595.
	<i>rb</i>	isoreserpiline	CA 53:3595.
	<i>rb</i>	reserpiline	CA 53:3595.
	<i>rb</i>	reserpine	CA 53:3595.
	<i>r</i>	ajmaline	Quart Rev 10:129.
	<i>b</i>	rauwolfine	Henry 761.
	<i>r</i>	rescinnamine	APAJ 46:720.
	<i>b</i>	reserpine	CI 1956:1387.
		unn. (2)	Henry 761.
364. <i>Rauvolfia caffra</i> Sond.	<i>r</i>	isoreserpiline	LCSJ 1958:2432.
	<i>r</i>	reserpine	CI 1957:1013.
	<i>rh</i>	unn	CR 244:1254.
	<i>r</i>	ajmalicine	Naturw 42:391.
	<i>r</i>	ajmaline	Naturw 42:391.
	<i>l</i>	aricine	CA 49:10320.
	<i>r</i>	canescine	AC SJ 77:820.
	<i>r</i>	corynanthine	CA 51:669.
	<i>r</i>	deserpidine	CA 49:10511.
	<i>r</i>	desmethoxyreserpine	APAJ 45:89.
	<i>r</i>	isoraunescine	APAJ 44:639.
	<i>l</i>	isoreserpiline	CA 49:10320.
	<i>l</i>	isoreserpinine	CA 49:10320.
	<i>r</i>	raujemidine	JOC 21:923.
	<i>r</i>	raunescine	APAJ 44:639.
	<i>r</i>	raupine	CA 51:18131.
	<i>l</i>	rauwolscine	CA 35:7967.
	<i>r</i>	recanescine	CA 50:4994.
	<i>l</i>	reserpiline	CA 49:10320.
	<i>r</i>	reserpine	APAJ 44:253.
	<i>r</i>	ψ -reserpine	LCSJ 1956:187.
	<i>r</i>	reserpinine	Naturw 42:391.
	<i>r</i>	reserpoxidine	CR 244:2989.

367. <i>Rauvolfia cubana</i> A. DC.	r.	serpentine	CA 49:11956.
	r.	serpine	Naturw 45:365.
	r.	yohimbine	Naturw 41:479.
	L	α -yohimbine	CA 49:10320.
	r.	β -yohimbine	CA 49:10320.
	r.	ψ -yohimbine	CA 49:10321.
	r.	unn.	C-P-W 350.
	l, fr	unn.	Webb 241.
	r.	rescinnamine	APAJ 46:720.
	r.	reserpiline	APAJ 46:720.
	r.	reserpine	APAJ 46:720.
	rb.	reserpine	CA 50:5991.
	r.	isoreserpiline	APAJ 48:37.
	r.	reserpiline	APAJ 48:37.
	r.	reserpine	APAJ 48:37.
	r.	sarpagine	APAJ 48:37.
	r.	ajmaline	O-P-W 405.
	r.	serpentinine	C-P-W 405.
	r.	tetraphylline	C-P-W 405.
	r.	tetraphylline	C-P-W 405.
	r.	ajmaline	Naturw 42:183.
	r.	reserpine	Naturw 42:183.
	r.	ajmaline	Chatt 142.
	r.	serpentine	Chatt 142.
	rb.	δ -yohimbine	CI 1956:173.
	rb.	reserpine	CI 1956:173.
	l, s, r	unn.	AC SJ 77:3551.
	l, s, r	ajmalicine	AC SJ 77:3551.
	r	ajmaline	CA 49:11239.
	l, b, wd	alstonine	CA 32:721.
	r	chalchupines A, B	APAJ 46:7201.
	l, s, r	deserpidine	AC SJ 77:3551.
	l, s, r	heterophyllin	AC SJ 77:3551.
	r	rauwolscine	APAJ 46:720.
	r	reserpiline	Naturw 42:182.
	r	reserpine	CA 50:2745.
	l, s, r	sarpagine	AC SJ 77:3551.
	r	serpentine	CA 51:17957.
	l, s, r	serpine	AC SJ 77:3551.
	r	yohimbine	CA 50:13369.
	r	δ -yohimbine	

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
375. <i>Rauvolfia indecora</i> Woodson	r	ajmaline	CA 50:13369.
	r	rescinnamine	APA J 46:720.
	r	reserpiline	APA J 46:720.
	r	reserpine	CA 50:13369.
	r	reserpinine	APA J 46:720.
	r	sarpagine	CA 50:13369.
	r	rescinnamine	APA J 46:720.
	r	reserpiline	APA J 46:720.
	r	reserpine	APA J 46:720.
	r, b	unn.	APA J 46:720.
	l, s, sd	unn.	CA 51:6952.
	r	deserpidine	Bisset 125.
376. <i>Rauvolfia inebrians</i> K. Schum.	r	rescinnamine	APA J 46:720.
377. <i>Rauvolfia</i> cf. <i>javanica</i> Koord. & Val.	r	reserpiline	APA J 46:720.
377A. <i>Rauvolfia lamarkii</i> A. DC.= <i>R. viridis</i> Roem. & Schult.	r	reserpine	APA J 46:720.
	r	reserpinine	APA J 46:720.
378. <i>Rauvolfia ligustrina</i> Roem. & Schult.	r	ajmalicine	Exp 13:479.
	r	ajmaline	Exp 13:479.
	r	aricine	Exp 13:479.
	r	deserpidine	Exp 13:479.
	r	isoraunescine	Exp 13:479.
	r	isoreserpiline	Exp 13:479.
	r	isoreserpine	Exp 13:479.
	r	isoreserpinine	Exp 13:479.
	r	ψ -reserpine	Exp 13:479.
	r	raugustine	Exp 13:479.
	r	raunescine	Exp 13:479.
	r	renoxydine	Exp 13:479.
	r	rescinnamine	Exp 13:479.
	r	reserpiline	Exp 13:479.
	r	reserpine	Exp 13:479.

379. <i>Rauvolfia littoralis</i> Rusby	r	sarpagine	Exp 13:479.
380. <i>Rauvolfia macrophylla</i> Stapf	r	serpentine	Exp 13:479.
	r	serpentinine	Exp 13:479.
	r	yohimbine	Exp 13:479.
	r	α -yohimbine	Exp 13:479.
	r	reserpine	APAJ 46:720.
	r	reserpine	CA 52:4108.
	r	unn. (3)	CA 52:4108.
	r	reserpine	CA 51:8896.
	r	mauiensine	Tetra 1:328.
	r	tetraphyllicine	Tetra 1:328.
	r	sandwicine	Tetra 1:328.
	r	serpentinine	Tetra 1:328.
	r	ajmalicine	CA 49:9229.
	r	micranthine	Schl 56.
	r	reserpiline	CA 51:15068.
	r	reserpine	CA 49:9339.
	r	sarpagine	Schl 56.
	r	serpentine	Schl 56.
	r	serpentine	Schl 56.
	r	δ -yohimbine	CA 52:5430.
	r	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	CI 1956:1387.
	rb	ajmaline	CA 51:8896.
	b	rauwolfine	OSJ 1956:215.
	rb	reserpine	We Sup 172.
	r	rescinnamine	CSJ 1956:215.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
	r	alstonine	Quart Rev 10:129.
	r	rescinnamine	APAJ 46:720.
	r, b	reserpine	CI 1956:1387.
	r	unn.	CA 51:6952.
	r	reserpiline	APAJ 46:720.
383. <i>Rauvolfia micrantha</i> Hook. f.	r	reserpine	APAJ 46:720.
384. <i>Rauvolfia mombasiana</i> Stapf	r		
385. <i>Rauvolfia nana</i> E. A. Bruce	r		
386. <i>Rauvolfia natalensis</i> Sond.	r		
387. <i>Rauvolfia nitida</i> Jacq.	rb		
388. <i>Rauvolfia obscura</i> K. Schum.	b		
389. <i>Rauvolfia paraensis</i> Ducke	r		

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
390. <i>Rauvolfia pentaphylla</i> Ducke	rb	deserpidine	APAJ 46:720.
	rb	rescinnamine	APAJ 46:720.
	rb	reserpiline	APAJ 46:720.
	rb	reserpine	APAJ 46:720.
	r	isoreserpiline	W-K 181.
	r	perakeneine	Naturw 42:182.
	r	perakine	W-K 181.
	r	reserpine	Naturw 42:182.
	r	sarpagine	Chatt 142.
	r	unn. (3)	W-K 181.
	r	unn	Rev Brasil Quim 41:124.
392. <i>Rauvolfia pernifolia</i>		ajmalicine	APAJ 46:720.
393. <i>Rauvolfia rosea</i> K. Schum.	r	deserpidine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
	r	deserpidine	APAJ 46:720.
	r	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
	s	unn	PPAJ 44:109.
395. <i>Rauvolfia sambarensis</i> Merr.	r	ajmalicine	APAJ 46:720.
396. <i>Rauvolfia sandwicensis</i> A. DC.	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
	r	sandwicensine	Tetra 1:328.
	r	sandwicine	Tetra 1:328.
	r	serpentineine	Tetra 1:328.
	r	tetraphyllicine	Tetra 1:328.
	r	tetraphylline	Tetra 1:328.
397. <i>Rauvolfia sarapiquensis</i> Woodson	rb	reserpine	CI 1956:1387.
398. <i>Rauvolfia schuelii</i> Speg.	rb	ajmaline	CA 53:3595.
		aricine	CA 53:3595.

399. *Rauvolfia sellowii* Muell. Arg.

rb	isoreserpiline	CA 53:3595.
rb	reserpine	CA 53:3595.
rb	reserpiline	CA 53:3595.
rb	ajmallicine	AC SJ 77:6687.
rb	ajmalidine	AC SJ 77:6687.
rb	ajmaline	CA 49:14270.
rb	ajmalinine	CA 49:14270.
rb	aricine	AC SJ 77:6687.
rb	tetrahydralstonine	AC SJ 77:6687.
rb	reserpine	AC SJ 77:6687.
rb	serpentine	CA 49:14270.
rb	tetraphyllicine	AC SJ 77:6687.
l, s, b, rb	total alkaloids	CA 49:5780.
b	semperflorine	CA 49:3218.
b	unn.	CA 49:3218.
r	ajmallicine	CA 26:1288.
r	ajmaline	CA 26:1288.
r	ajmalinine	CA 26:1288.
r	alkaloids A, F	AC SJ 76:3234.
r	alkaloid C	CA 49:4684.
r	alloyohimbine	Quart Rev 10:129.
r	chandrine	CA 49:4938.
r	3-epi- α -yohimbine	CA 51:9648.
r	isoajmaline	Quart Rev 10:129.
r	isorauhimbine	CA 51:9648.
r	isoyohimbine	CA 49:9666.
r	11-methoxy- β -yohimbine	CA 49:4684.
r	methylreserpate	Quart Rev 10:129.
r	neocajmaline	Quart Rev 10:129.
r	papaverine	CA 49:4684.
r	rauhimbine	CA 49:2447.
r	raupine	CA 48:6649.
r	rauwolfinine	CA 48:1380.
r	rauwolscine	C-P-W 369.
r	rescinnamine	AC SJ 77:2241.
r	reserpiline	CA 49:5778.
r	reserpine	CA 47:8084.
r	reserpinine	Quart Rev 10:129.
r	reserpoxidine	CR 244:2989.
r	sarpagine	CA 49:1742.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
		APOCYNACEAE—Continued	
401. <i>Rauvolfia serpentina</i> (L.) Benth.—Continued	r-----	serpine	CA 51:17957.
	r-----	serpinine	CA 50:532.
	r-----	serpentine	CA 26:1288.
	r-----	serpentinine	CA 26:1288.
	r-----	thebaine	CA 49:4684.
	r-----	yohimbine	CA 49:4684.
	r-----	γ -yohimbine	Quart Rev 10:129.
	r-----	δ -yohimbine	CI 1954:375.
	r-----	unn. I,II	CA 48:9626.
	sd-----	unn	CA 51:18485.
402. <i>Rauvolfia sprucei</i> Muell. Arg.	r-----	deserpidine	APAJ 46:720.
	r-----	rescinnamine	APAJ 46:720.
	r-----	reserpiline	APAJ 46:720.
	r-----	reserpine	APAJ 46:720.
	r-----	ajmaline	Chatt 142.
	r-----	aricine	Chatt 142.
	r-----	rauwolscine	Chatt 142.
	r-----	rescinnamine	APAJ 46:720.
	r-----	reserpiline	APAJ 46:720.
	r-----	reserpine	Chatt 142.
	r-----	serpentine	Chatt 142.
	r-----	yohimbine	Chatt 142.
	r-----	δ -yohimbine	Chatt 142.
	r-----	deserpidine	APAJ 46:720.
	r-----	rescinnamine	APAJ 46:720.
	r-----	reserpiline	APAJ 46:720.
	r-----	reserpine	APAJ 46:720.
	r-----	ajmaline	CA 51:670.
	r-----	deserpidine	C-P-W 403.
	r-----	reserpiline	APAJ 46:720.
	r-----	reserpine	APAJ 46:720.
	r-----	reserpine	CI 1955:627.
405. <i>Rauvolfia tetraphylla</i> L.	r-----	reserpine	APAJ 46:720.

406. <i>Rauvolfia verticillata</i> Baill.	r-	serpentine	CI 1955:627.
407. <i>Rauvolfia viridis</i> (Muell. Arg.) Guillaumin	r-	tetraphyllicine	CI 1955:627.
408. <i>Rauvolfia vomitoria</i> Afzel.	b-	tetraphylline	CI 1955:627.
	r-	ψ -yohimbine	C-P-W 403.
	b-	δ -yohimbine	CA 50:8965.
	r-	reserpine	APAJ 46:720.
	rb-	ajmalicine	AJP 127:270.
	rb-	ajmaline	AJP 127:270.
	r-	ajmalinine	C-P-W 399.
	r-	alstonine	AJP 127:270.
	rb-	isoajmaline	AJP 127:270.
	rb-	isoreserpiline	CA 51:6085.
	r-	raumitorine	AJP 127:270.
	r-	rauvomitine	C-P-W 399.
	r-	rescinnamine	CA 49:16337.
	r-	reserpiline	Naturw 43:328.
	r-	reserpine	AJP 127:270.
	r-	reserpoxidine	CR 244:2989.
	rb-	sarpagine	CA 51:6085.
	r-	seredine	AJP 127:270.
	r-	vomalidine	Helv 40:1866.
	r-	yohimbine	Naturw 43:328.
	r-	α -yohimbine	Naturw 43:328.
	r-	unn.	Helv 40:1866.
	r-	unn.	Webb PS.
410. <i>Rejoua</i> sp.	l-	rhabdadenine	Bisset (2) 112.
410A. <i>Rhabdadenia pohlii</i> Muell. Arg.	l-	unn.	Bisset (2) 170.
410B. <i>Rhazya stricta</i> Decne.	b-	unn.	We 985.
411. <i>Rhynchodia macrantha</i> Wehmer	b-	isovoacangine	Tetra 2:173.
412. <i>Stemmadenia donnell-smithii</i> R. E. Woodson	b-	quebrachamine	Tetra 2:173.
	fr-	stemmadenine	Tetra 2:173.
	b-	tabernanthine	Tetra 2:173.
	b-	voacamine	Tetra 2:173.
	wd-	voacangine	Tetra 2:173.
	wd-	ibogamine	Tetra 2:173.
	sd-	unn.	Bisset (2) 138.
	sd-	trigonelline	Klein 294.
	sd, rb-	trigonelline	M-H I 176.
413. <i>Stemmadenia galeottiana</i> Miers	sd-	trigonelline	
414. <i>Strophanthus gratus</i> Baill.			
415. <i>Strophanthus hispidus</i> DC.			
416. <i>Strophanthus kombe</i> Oliver			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
417. <i>Tabernaemontana coronaria</i> (Jacq.) R. Br.	b	coronarine	Henry 501.
	b	tabernaemontanine	Henry 501.
	l, s	unn	D-K.
	l, s	unn	D-K.
418. <i>Tabernaemontana corymbosa</i> Roxb.	rb	unn	CA 49:6541.
419. <i>Tabernaemontana crispa</i> Roxb.	b	unn	CA 48:7715.
420. <i>Tabernaemontana dichotoma</i> Roxb.	sd	unn	Bisset (2) 134.
420A. <i>Tabernaemontana holstii</i> K. Schum.	l, s	unn	PPAJ 43:144.
421. <i>Tabernaemontana pandacaquii</i> Poir.	l, b, fr	tabernaemontanine	We 986.
422. <i>Tabernaemontana salzmannii</i> A. DC.	l, b, sd	unn	We 986.
423. <i>Tabernaemontana sphaerocarpa</i> Blume	l, b, sd	unn	We 986.
424. <i>Tabernaemontana wallichiana</i> Steud.	r	ibogaine	Henry 768.
425. <i>Tabernanthe iboga</i> Baill.	r	ibogamine	CA 46:6334.
	r	iboluteine	CA 47:8969.
	l, fr	tabernanthine	Henry 768.
	l, s	unn	Bisset (2) 137.
425A. <i>Tanghinia venenifera</i> Poir.	l, s	tanghinine	Klein 741.
426. <i>Thevetia nerifolia</i> Juss.	r	unn	D-K.
427. <i>Tonduzia longifolia</i> (A. DC.) Markgraf	r	ajmaline	JOC 21:480.
	r	deserpidine	JOC 21:480.
	r	rescinnamine	JOC 21:480.
	b	reserpine	JOC 21:480.
428. <i>Urechites lutea</i> (L.) Britt.	l, s, fr	vincamajine	CA 51:672.
429. <i>Vallesia dichotoma</i> Ruiz & Pav.	l, s	unn	Wall 43.
	l, s	aspidospermine	JOC 24:314.
	s	dichotamine	JOC 24:314.
	l, s	reserpine	JOC 24:314.
430. <i>Vallesia glabra</i> (Cav.) Link	l, s	vallesine	JOC 24:314.
	l, s	aspidospermine	M-H II 422.
	l, s	vallesine	M-H II 422.

431. <i>Vinca difformis</i> Pourr.		isovincamine.....	Ann Pharm Franc 15:513.
432. <i>Vinca erecta</i> Regel & Schmalh.	w l, s, r	sarpagine.....	Ann Pharm Franc 15:513.
	r	vincamedine.....	CA 50:17338.
	r	unn.....	CR 245:1265.
	r	minorine.....	CA 51:11487.
	r	reserpinine.....	CA 52:3044.
	l, s, r	vincaine.....	CA 52:3044.
		vincanidine.....	CA 52:3263.
		vincanine.....	CA 51:11487.
		unn.....	CA 27:1029.
		unn.....	CR 245:1265.
433. <i>Vinca herbacea</i> Waldst. & Kit.	w	reserpinine.....	CA 49:11672.
434. <i>Vinca libanotica</i> Zucc.	l, s	serpinine.....	CA 49:11672.
435. <i>Vinca major</i> L.	l, s	vincamajine.....	CA 50:8694.
		vincamajoreine.....	CA 49:16343.
		vincamajoridine.....	CA 49:8563.
		isovincamine.....	CA 49:15931.
		minorine.....	Orekhoy 792.
		perivincine.....	CA 49:10328.
		pubescine.....	Sokolov 129.
		vincamine.....	Helv 36:2017.
		vincaminorine.....	CA 53:8543.
		vinit.e.....	Sokolov 129.
		unn.....	Wall 26.
		pubescine.....	Henry 778.
		vinine.....	Henry 778.
436. <i>Vinca minor</i> L.	l	ajmalicine.....	CR 243:1789.
	l	akuammine.....	CR 243:1789.
	l	alstonine.....	CA 53:428.
	w	catharanthine.....	APAJ 48:256.
	w	leurosine.....	APAJ 47:834.
	w	lochnericine.....	APAJ 48:256.
	rb	lochnerine.....	CI 1956:173.
	w	perivine.....	APAJ 47:834.
	r	reserpine.....	Nature 181:552.
	rb	serpentine.....	CI 1956: 173.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
438. <i>Vinca (Lochnera) rosea</i> L.—Continued	r	tetrahydroalstonine.....	CA 53:428.
		vincaleucoblastine.....	APAJ 48:256.
		vincamine.....	CA 50:4985.
		vinceine.....	CA 48:4559.
		vindoline.....	APAJ 48:256.
		vindolinine.....	APAJ 48:256.
		virosine.....	APAJ 47:834.
		δ-yohimbine.....	CA 53:428.
		unn.....	Webb 241.
		voacaficine.....	JOC 23:1455.
	b	voacafrine.....	JOC 23:1455.
	b, rb	voacamidine.....	Exp 13:468.
	r, b	voacamine.....	CR 240:1719.
	r	voacaminine.....	Helv 41:169.
	b	voacangarine.....	Helv 41:169.
	r, b	voacangine.....	CA 50:8965.
	r	voacanginine.....	CA 50:17338.
	s	voacorine.....	CR 244:1955.
	b, ro	voacristine.....	Exp 13:468.
	b	voacryptine.....	Exp 15:185.
	b	vobasine.....	Exp 15:185.
	s	vobusine.....	CR 240:1719.
	b	voacorine.....	CR 244:1955.
	b, rb	voacangine.....	JCS 1958:476.
	b	vobtusine.....	JCS 1958:4776.
	r, b	unn.....	We 985.
	b	voacamidine.....	CA 49:12774.
	r, b	voacangine.....	CA 49:12775.
	b, r	vobtusine.....	CA 49:12774.
	b, r	voacamidine.....	CR 240:1719.
	b, r	voacangine.....	CA 50:8965.
	b, r	vobtusine.....	CR 240:1719.
439. <i>Voacanga africana</i> Stapf.....			
440. <i>Voacanga bracteata</i> Stapf.....			
440A. <i>Voacanga dregei</i> E. Mey.....			
441. <i>Voacanga foetida</i> (Blume) K. Schum.....			
442. <i>Voacanga obtusa</i> K. Schum.....			
443. <i>Voacanga thouarsii</i> Roem. & Schult.....			

444. <i>Voacanga</i> sp.		b-	unn	Webb PS.
445A. <i>Willughbeia firma</i> Blume		sd, b	unn	Bisset (2) 125.
446. <i>Wrightia antidysenterica</i> (L.) R. Br.		sd	conessine	Klein 676.
446A. <i>Wrightia calycina</i> A. DC.		sd	unn	Bisset (2) 118.
447. <i>Wrightia millgar</i> F. M. Bailey		b	unn	Webb 241.
448. <i>Wrightia saligna</i> F. Muell.		b-	unn	Webb 268.
448A. <i>Wrightia tomentosa</i> Roem. & Schult.		b-	unn	Bisset (2) 118.
449. <i>Wrightia zeylanica</i> (L.) R. Br.		b-	conessine	Sokolov 129.

AQUIFOLIACEAE

450. <i>Ilex cassine</i> (<i>I. vomitoria</i>) L.		l	caffeine	We 718.
		l, s, fr	unn	Wall 55.
451. <i>Ilex cuaibensis</i> Reiss.		l	caffeine	We 719.
452. <i>Ilex paraguayensis</i> Hook.		l	caffeiine	CA 47:7695.
		l	theobromine	CA 49:4237.
		l	theophylline	CA 49:4237.
453. <i>Ilex vomitoria</i> Ait.		l, s, r	caffeine	Klein 731.
			unn	Wall 55.

ARACEAE

454. <i>Alocasia macrorhiza</i> Schott		r	unn	Webb 241.
455. <i>Amorphophallus campanulatus</i> Blume		l	unn	D-K.
456. <i>Amorphophallus rivieri</i> Dur.		l	coniine	M-H I 211.
457. <i>Amorphophallus viridis</i> Ridley		l	unn	D-K.
458. <i>Arisarum vulgare</i> Targ. Toz.		l	coniine	M-H I 211.
459. <i>Arum italicum</i> Mill.		l, rh	coniine	M-H I 211.
			unn	We 135.
460. <i>Arum maculatum</i> L.		l	coniine	M-H I 211.
461. <i>Caladium bulbosum</i> Pharm. ex Wehmer		l, s, r	coniine	M-H I 211.
462. <i>Dieffenbachia picta</i> Schott		l, s, r	unn	Webb 241.
463. <i>Eminium lehmannii</i> (Regel) Kuntze		l	tongine	BA 20:18514.
464. <i>Epipremnum pinnatum</i> Engl.		l	unn	Jahresber 41:91.
465. <i>Gymnostachys anceps</i> R. Br.		l	unn	Webb 268.
466. <i>Pinellia ternata</i> Druce		l	unn	Klein 761.
467. <i>Pinellia tuberosa</i> Tenore		l	unn	Klein 761.
468. <i>Symplocarpus foetidus</i> Nutt.		l, s, fl	5-hydroxytryptamine	CR 247:1382.
469. <i>Zantedeschia aethiopica</i> Spreng.			etiopine	CA 43:1156.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ARALIACEAE			
470. <i>Acanthopanax sessiliflorum</i> Seem.		unn	CA 49:5603.
471. <i>Aralia continentalis</i> Kitagawa		unn	CA 49:5603.
472. <i>Aralia mandshurica</i> Rupr.		unn	CA 49:5603.
473. <i>Astrotricha longifolia</i> Benth.	<i>l, s, fr</i>	unn	Webb 268.
474. <i>Echinopanax elatus</i> Nakai		unn	CA 49:5603.
475. <i>Kalopanax ricinifolium</i> Miq.		unn	CA 49:5603.
476. <i>Kissodendron australianum</i> Seem. (<i>Hedera australiana</i> F. Muell.).	<i>l, b</i>	unn	Webb 268.
477. <i>Mackinlaya confusa</i> Hemsl.	<i>l</i>	unn	Webb 241.
478. <i>Tieghemopanax (Polyscias) elegans</i> (Moore & F. Muell.) Viguier.	<i>l</i>	unn	Webb 268.
ARISTOLOCHIACEAE			
479. <i>Aristolochia argentina</i> Griseb.	<i>r</i>	aristidinic acid	Henry 722.
	<i>r</i>	aristinic acid	Henry 722.
	<i>r</i>	aristolic acid	Henry 722.
	<i>r</i>	aristolochine	We 265.
	<i>sd</i>	aristolochine	Merck.
480. <i>Aristolochia clematitis</i> L.		aristolochic acid	CA 52:13188.
481. <i>Aristolochia debilis</i> Sieb. & Zucc.		aristolochine	Henry 721.
		magnoflorine	CA 51:17963.
		unn	Webb 241.
		unn	Webb 268.
482. <i>Aristolochia dellantha</i> F. Muell.	<i>l</i>	aristolochine	CA 31:5101.
483. <i>Aristolochia elegans</i> Mast.	<i>l, s</i>	isoaristolochic acid	Henry 722.
484. <i>Aristolochia indica</i> L.	<i>r</i>	magnoflorine	CA 51:17963.
485. <i>Aristolochia kaempferi</i> Willd.		aristolochine	We 265.
486. <i>Aristolochia longa</i> L.	<i>r</i>	isoaristolochic acid	Webb 268.
487. <i>Aristolochia praevenosa</i> F. Muell.	<i>l, s</i>	magnoflorine	Klein 708.
488. <i>Aristolochia reticulata</i> Nutt.		aristolochine	Merck.
489. <i>Aristolochia rotunda</i> L.	<i>r</i>	aristolochine	CA 33:5592.
490. <i>Aristolochia rumicifolia</i> Mart. & Zucc.		unn	

491. <i>Aristolochia siphon</i> L'Herit.		aristolochic acid	Henry 721.
492. <i>Aristolochia tagala</i> Cham.		aristolochine	Henry 721.
493. <i>Aristolochia</i> spp.	r.	unn.	Webb 268.
	s.	unn.	Webb PS.
493A. <i>Asarum canadense</i> L.	l, s, r.	unn.	Bisset 125.
494. <i>Asarum europaeum</i> L.	r.	unn.	Wall 55.
495. <i>Bragantia wallichii</i> R. Br.	r.	asarine	Henry 779.
		chakranine	CA 52:19019.
		isoaristolochic acid	Henry 722.

ASCLEPIADACEAE

496. <i>Asclepias curassavica</i> L.	l.	unn.	Arthur.
497. <i>Asclepias galoides</i> H.B.K.	l.	unn.	We 1003.
498. <i>Asclepias (Gomphocarpus) physocarpa</i> Schlechter	l, s, fl, r.	unn.	Wall 60.
499. <i>Asclepias syriaca</i> L.	l, s.	unn.	Webb 268.
500. <i>Calotropis procera</i> Ait.	l, s, fr.	unn.	Henry 35.
501. <i>Chlorocodon whitei</i> Hook. f.	b.	unn.	Wall 55.
502. <i>Chlorostigma stuckertianum</i> Kurtz	r, s, sd.	unn.	Webb 241.
503. <i>Cryptolepis sanguinolenta</i> (Lindl.) Schlechter	rh.	chlorostigmine	Henry 780.
504. <i>Cryptolepis triangularis</i> N. E. Br.	rh.	cryptolepine	We 1004.
505. <i>Cryptostegia grandiflora</i> R. Br.	l.	cryptolepine	Henry 773.
506. <i>Cryptostegia madagascariensis</i> Boj.	l.	unn.	M-H V 306.
507. <i>Cynanchum bowmanii</i> S. T. Blake.	l.	unn.	Webb 241.
508. <i>Cynanchum kuznetzowii</i> Bordz.	sd.	unn.	Webb 241.
509. <i>Dregea volubilis</i> Benth.	b.	unn.	Webb 241, 268.
510. <i>Genianthus blumei</i> King & Gamble	l, fr.	unn.	CA 48:11727.
511. <i>Gymnema geminatum</i> (<i>G. sylvestre</i>) R. Br.	l.	unn.	We 1004.
512. <i>Gymnema micradenia</i> Benth. (<i>Gongronema micradenia</i> Benth. & Hook. f.)	l.	unn.	Bisset 125.
513. <i>Heterostemma cf. acuminatum</i> Decne.	l, s.	unn.	We 1005.
514. <i>Marsdenia cundurango</i> Nichols.	b.	unn.	Webb 268.
515. <i>Marsdenia microlepis</i> (?) Benth.	r.	unn.	Webb 241.
516. <i>Marsdenia rostrata</i> R. Br.	l.	unn.	Klein 744.
517. <i>Marsdenia tinctoria</i> R. Br.		unn.	Klein 743.
518. <i>Morrenia brachystephana</i> Griseb.		morrenine	Klein 744.
519. <i>Sarcobatus spanoghei</i> Miq.		coniine?	

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ASCLEPIADACEAE—Continued			
520. <i>Telosma cordata</i> Merrill.	s-	unn.	Bisset 125.
521. <i>Tylophora asthmatica</i> Wight & Arn.	s-	tylophorine	Henry 778.
		tylophorinine	Henry 778.
		tylophorine	Henry 778.
522. <i>Tylophora brevipes</i> F. Villar	l-	unn.	Webb 268.
523. <i>Tylophora erecta</i> F. Muell.	s-	unn.	Bisset 125.
524. <i>Tylophora exilis</i> Colebr.	s-	unn.	We 1004.
525. <i>Tylophora fasciculata</i> Ham.	l-	tylophorine	Webb 268.
526. <i>Tylophora floribunda</i> Benth.	l, s, r-	unn.	C-B-G 689.
527. <i>Tylophora indica</i> (Lam.) Merrill.	l, s, r-	tylophorine	C-B-G. 689.
		tylophorinine	We 1004.
528. <i>Tylophora lutescens</i> Decne.	l, sl-	unn.	Webb 241, 268.
529. <i>Tylophora paniculata</i> R. Br.	r-	unn.	Webb 268.
530. <i>Tylophora</i> sp.	l-	unn.	Webb 241.
531. <i>Vincetoxicum ovatum</i> Benth.			
BERBERIDACEAE			
532. <i>Berberis aetnensis</i> Presl.	r-	berberine	Henry 328.
533. <i>Berberis amurensis</i> Rupr.	s-	berbamine	CA 49:13597.
	s-	berbamunine	CA 52:5429.
	s-	hydroxyberberine	CA 49:13597.
	b, wd-	jatrorrhizine	CA 49:13597.
	s-	magnoflorine	CA 51:4645.
	s-	shobakunine	CA 49:13597.
	s-	unn.	CA 49:13597.
534. <i>Berberis aristata</i> DC.	b-	berberine	CA 45:2010.
	b-	palmatine	CA 45:2010.
535. <i>Berberis asiatica</i> Roxb.	r, s, b-	berbamine	CA 48:9621.
	r, s, b-	berberine	CA 48:9621.
	r, s, b-	jatrorrhizine	CA 48:9621.

536. <i>Berberis barandana</i> Vidal	<i>r, s, b</i>	oxyacanthine	APAJ 30:248.
537. <i>Berberis buxifolia</i> Lam.	<i>r, s, b</i>	palmatine	CA 48:9621.
538. <i>Berberis canadensis</i> Mill.		berberine	PPAJ 40:117.
539. <i>Berberis darwinii</i> Hook.		berberine	Henry 328.
540. <i>Berberis densiflora</i> Raf.	<i>r, s, wd</i>	unn	Klein 715.
541. <i>Berberis floribunda</i> Wall.	<i>l</i>	berberine	Henry 328.
		unn	I-R.
		berbamine	BA 27:2345.
		berberine	BA 27:2345.
		columbamine	BA 27:2345.
		dehydrocorydaline	BA 27:2345.
		epiberberine	BA 27:2345.
		jatrorrhizine	BA 27:2345.
		oxyacanthine	BA 27:2345.
		palmatine	BA 27:2345.
		berbamine	M-H IV 85.
		berberine	M-H IV 85.
		jatrorrhizine	M-H IV 85.
		oxyacanthine	M-H IV 85.
		palmatine	M-H IV 85.
		unn	Wall 15.
542. <i>Berberis fortunei</i> Lindl.	<i>wd</i>	berberine	H 328.
	<i>wd</i>	berbamine	We Sup 28.
	<i>wd</i>	berberine	We Sup 28.
	<i>wd</i>	columbamine	We Sup 28.
	<i>wd</i>	jatrorrhizine	We Sup 28.
	<i>wd</i>	oxyacanthine	We Sup 28.
	<i>wd</i>	palmatine	We Sup 28.
	<i>l, t, w</i>	berberine	CA 48:2726.
543. <i>Berberis fremontii</i> Torr.	<i>rb</i>	berbamine	CA 48:2726.
544. <i>Berberis glauca</i> DC.	<i>rb</i>	berberine	Henry 329.
545. <i>Berberis heteropoda</i> Schrank	<i>rb</i>	columbamine	CA 49:13600.
	<i>rb</i>	jatrorrhizine	CA 49:13600.
	<i>rb</i>	oxyacanthine	CA 49:13600.
	<i>b</i>	palmatine	CA 49:13600.
	<i>b</i>	berberine	CA 49:13600.
	<i>b</i>	himanthine	CA 49:13600.
	<i>wd, r, sd</i>	umbellatine	CA 49:13600.
546. <i>Berberis himalaica</i> Ahrendt	<i>wd, r</i>	berbamine	CA 49:13600.
	<i>wd, r</i>	berberine	CA 49:13600.
	<i>wd, r, sd</i>	isotetrandrine	CA 49:13600.
	<i>wd, r</i>	jatrorrhizine	CA 49:13600.
	<i>wd, r</i>	palmatine	CA 49:13600.
	<i>l</i>	unn	Wall 15.
547. <i>Berberis insignis</i> Hook. f. & Thoms.			
548. <i>Berberis (Mahonia) japonica</i> R. Br.			
549. <i>Berberis julianae</i> C. K. Schneid.			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
BERBERIDACEAE—Continued			
550. <i>Berberis lambertii</i> R. N. Parker	r	berbamine	CA 48:6075.
	r	berberine	CA 48:6075.
	r	columbamine	CA 48:6075.
	r	jatrorrhizine	CA 48:6075.
	r	lambertine	CA 48:6075.
	r	oxyacanthine	CA 48:6075.
	r	palmatine	CA 48:6075.
	r	berberine	Henry 329.
		hydrastine	BA 32:3852.
		umbellatine	BA 17:2821.
551. <i>Berberis laurina</i> Thunb.	r	neprotine	APAJ 33:210.
552. <i>Berberis lycium</i> Royle	r	umbellatine	APAJ 33:210.
553. <i>Berberis nepalensis</i> Spreng.	r, b	berberine	Henry 328.
554. <i>Berberis nervosa</i> Pursh	r	berberine	Henry 328.
555. <i>Berberis repens</i> Lindl.	r	berbamine	Henry 329.
556. <i>Berberis thunbergii</i> DC.	r	berberine	Henry 329.
	r	berlambine	CA 50:5993.
	r	columbamine	Henry 329.
	r	jatrorrhizine	Henry 329.
	r	lambertine	CA 50:5993.
	r	magnoflorine	CA 50:13372.
	r	oxyacanthine	Henry 329.
	r	oxyberberine	Henry 329.
	r	palmatine	M-H IV 85.
	r	shobakunine	M-H IV 85.
	r	tetrahydroshobakunine	CA 24:3512.
	l, s	unn	Wall 55.
557. <i>Berberis tinctoria</i> Leschen.	r	berbamine	ICSJ 29:921.
	r	berberine	ICSJ 29:921.
	r	jatrorrhizine	ICSJ 29:291.
	r	palmatine	ICSJ 29:291.
558. <i>Berberis umbellata</i> Wall.	rb	umbellatine	Henry 329.

559. <i>Berberis vulgaris</i> L.	r	berbamine	Henry 329.
	r	berberine	Henry 329.
	r	berberrubine	Henry 329.
	r	columbamine	Henry 329.
	r	jatrorrhizine	Henry 329.
	r	oxyacanthine	Henry 329.
	r	palmatine	Henry 329.
	r	unn	Henry 329.
	r	umbellatine	BA 17:2821.
	r	magnoflorine	CA 52:18487.
	r	unn	CA 52:18487.
	rh	caulophylline	Klein 715.
	rh	N-methylcytisine	Henry 118.
	l, s, fr, r	unn	Wall 55.
	r	unn	Klein 714.
	r, rh	magnoflorine	CA 51:12433.
	r	magnoflorine	CA 51:8366.
	r, rh	magnoflorine	CA 51:8766.
	w, t	berberine	Sokolov 118.
	t	N-methylcytisine	CA 44:1997.
	l, s	thaspine	CA 48:3987.
	t	isolectoine	CA 48:3987.
	w, t, sd	leontamine	CA 44:1997.
	w, t, sd	leontidine	CA 44:1997.
	w	leontine	CA 44:1997.
	w	lupanine	CA 44:1997.
	w	pachycarpine	CA 44:1997.
	w	leonticine	CA 51:6662.
	w	petaline	CA 51:6662.
	r	berberine	Klein 714.
	r	N-methylcytisine	Orehov 167.
	r	berberine	CA 44:2706.
	r	jatrorrhizine	CA 44:2706.
	b, wd	neprotine	CA 44:2706.
	b, wd	oxyacanthine	CA 44:2706.
	b, wd	palmatine	CA 44:2706.
	b, wd	berbamine	Henry 329.
	b, wd	berberine	Henry 329.
	b, wd	oxyacanthine	Henry 329.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
BERBERIDACEAE—Continued			
575. <i>Mahonia borealis</i> Takeda		berberine jatrorrhizine neprotine oxyacanthine palmatine	CA 47:5636. CA 47:5636. CA 47:5636. CA 47:5636. CA 47:5636.
576. <i>Mahonia fortunei</i> Dippel	wd	berbamine	CA 47:3323.
	wd	berberine	CA 47:3323.
	wd	jatrorrhizine	CA 47:3323.
	s	magnoflorine	CA 51:8366.
	wd	oxyacanthine	CA 47:3323.
	wd	palmatine	CA 47:3323.
	b	berbamine	CA 44:4636.
	b	berberine	CA 44:4636.
	b	neprotine	CA 44:4636.
	b	oxyacanthine	CA 44:4636.
	w	palmatine	CA 44:4636.
	b	magnoflorine	CA 50:13372.
	b	berberine	CA 45:9068.
	r	jatrorrhizine	CA 45:9068.
	b	neprotine	CA 45:4729.
	b	oxyacanthine	CA 45:9068.
	b	palmatine	CA 45:9068.
	b	berberine	CA 45:9068.
	r	jatrorrhizine	CA 45:9068.
	b	neprotine	CA 45:4729.
	r	oxyacanthine	CA 45:9068.
	r	berberine	CA 52:14630.
	s	jatrorrhizine	CA 52:14630.
	s	berberine	Henry 329.
	s	jatrorrhizine	Henry 329.
		shobakunine	M-H IV 93.

583. <i>Mahonia sikkimensis</i> Takeda	<i>b</i>	berberine	CA 45:9068.
	<i>r</i>	neprotine	CA 45:4729.
	<i>b</i>	oxyacanthine	CA 45:9068.
584. <i>Mahonia simonsii</i> Takeda	<i>r</i>	berberine	CA 47:5636.
		jatrorrhizine	CA 47:5636.
		neprotine	M.-H. IV 64.
		oxyacanthine	CA 47:5636.
		palmatine	CA 47:5636.
		berbamine	Henry 329.
585. <i>Mahonia swaseyi</i> Fedde	<i>r, s</i>	berberine	CA 33:2939.
586. <i>Mahonia trifolia</i> Cham. & Schlecht.	<i>r, s</i>	berberine	CA 33:2939.
587. <i>Nandina domestica</i> Thunb.	<i>b, r</i>	berberine	CA 45:8208.
	<i>b, fr, r</i>	domesticine	CA 45:8208.
	<i>fr</i>	domestine	Henry 316.
		isodomesticine	Henry 316.
		jatrorrhizine	CA 45:8208.
		magnoflorine	CA 51:1216.
	<i>b, r</i>	menisperine	CA 51:1216.
	<i>s</i>	nandazurine	Henry 329.
	<i>s</i>	nandinine	Henry 329.
	<i>rb</i>	nantenine	Henry 329.
	<i>sd</i>	protopine	CA 44:4202.
588. <i>Podophyllum emodi</i> Wall.	<i>sd, rh</i>	berberine	Merck.

BIGNONIACEAE

589. <i>Balanops australiana</i> F. Muell.	<i>b</i>	unn	Webb 268.
590. <i>Bignonia sempervirens</i> L.		gelsemine	Sokolov 131.
591. <i>Colea fusca</i> H. Perrier	<i>l, s, r, fr</i>	unn	CA 52:20419.
592. <i>Doxantha unguiscastillae</i> (L.) Rehder	<i>l, s</i>	unn	CA 44:2179.
593. <i>Hieris curtissii</i> van Steenis	<i>l, s</i>	unn	D.-K.
594. <i>Oroxylon indicum</i> Vent.	<i>b</i>	unn	We 1137.
595. <i>Pandorea pandorana</i> (Andr.) van Steenis (<i>Tecoma australis</i> R. Br.).	<i>l, s</i>	unn	Webb 268.
596. <i>Phyllarthron madagascariense</i> (Boj.) K. Schum.	<i>l, s, r, fr</i>	unn	CA 52:20419.
597. <i>Radermachia stricta</i> Zoll. & Mor.	<i>s</i>	unn	D.-K.
598. <i>Rhodoclea telfairiae</i> (Boj. ex Hook.) H. Perrier	<i>l, s, r, fr</i>	unn	CA 52:20419.
599. <i>Spathodea stipulata</i> Wall.	<i>l, b</i>	unn	We 1137.
600. <i>Stenolobium stans</i> D. Don	<i>rb</i>	unn	CA 6:2284.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
BIGNONIACEAE—Continued			
601. <i>Stereospermum euphoroides</i> DC.	<i>l, s, r, fr</i>	unn	CA 52:20419.
602. <i>Tecoma ceramensis</i> Teijsm. & Binn.	<i>l</i>	unn	We 1136.
603. <i>Tecoma gaudichaudii</i> DC.	<i>l, fl</i>	unn	Wall 26.
604. <i>Tecoma mollis</i> H.B.K.	<i>l, s, r, fr</i>	unn	CA 52:20419.
605. <i>Tecoma stans</i> Juss.	<i>b</i>	unn	We 1136.
606. <i>Zeyheria montana</i> Mart.	<i>l</i>	unn	Wall 15.
	<i>rh</i>	unn	CA 6:2284.
BOMBACACEAE			
607. <i>Waltheria americana</i> L.	<i>b, l</i>	unn	CA 44:2179.
BORAGINACEAE			
608. <i>Alkanna</i> sp.		unn	CA 48:11727.
609. <i>Anchusa officinalis</i> L.		consolagine	Henry 771.
610. <i>Caccinia crassifolia</i> Kuntze		cynoglossine	Henry 771.
611. <i>Cynoglossum officinale</i> L.	<i>w, r</i>	cynoglossine (?)	Sokolov 130.
		consolagine	Henry 771.
		cynoglossine	Henry 771.
612. <i>Cynoglossum viridiflorum</i> Willd.	<i>w</i>	cynoglossophine	CA 52:2187.
613. <i>Echium plantagineum</i> L.	<i>w</i>	viridiflorine	CA 43:2625.
		echimidine	CA 51:9642.
		echiumine	CA 51:9642.
614. <i>Echium vulgare</i> L.	<i>l, r</i>	unn	Webb 241, 268.
		consolagine	Henry 771.
		cynoglossine	Henry 771.
615. <i>Ehretia membranifolia</i> R. Br.	<i>w, r</i>	unn	Wall 55.
616. <i>Ehretia</i> sp.	<i>l, s, fl</i>	unn	Webb 268.
617. <i>Heliotropium amplexicaule</i> Vahl (<i>H. anchusaeifolium</i> Poir.).	<i>l, s</i>	unn	Webb 268.
	<i>l, s, r</i>	unn	Webb 241, 268.
	<i>l, s, fl</i>	unn	Wall 55.

618. <i>Heliotropium arguzioides</i> Kar. & Kir.		trichodesmine	Orekhov 64.
619. <i>Heliotropium bucharicum</i> B. Fedtsch.	w	unn	CA 35:4154.
620. <i>Heliotropium europeum</i> L.	sd	cynoglossine	Klein 733.
	w	europine N-oxide	BA 31:15171.
	sd	heleurine N-oxide	BA 31:15171.
	w	heliotridine	CA 49:8998.
	w, sd	heliotridine N-oxide	CA 49:8998.
	w, sd	heliotrine	CA 49:8998.
	w, sd	heliotrine N-oxide	CA 49:8998.
	w	lasiocarpine	CA 49:8998.
	w	lasiocarpine N-oxide	CA 49:8998.
	w	supinine	CA 49:8998.
	w	unn	Webb 268.
621. <i>Heliotropium indicum</i> L.	w	cynoglossine	Sokolov 130.
622. <i>Heliotropium lasiocarpum</i> Fisch. & Mey.	w	heliotrine	Henry 601.
	sd	lasiocarpine	Henry 601.
623. <i>Heliotropium peruvianum</i> L.	w	cynoglossine	Klein 733.
623A. <i>Heliotropium suaveolens</i> Bieb.	w	unn	CA 53:3597.
624. <i>Heliotropium supinum</i> L.	w	heliosupine	CA 49:3992.
	w	supinidine	CA 49:3992.
	w	supinine	CA 44:3486.
	w	unn	CA 48:11727.
625. <i>Heliotropium szowitsii</i> Stschég.	w	lindelofamine	CA 43:3827.
626. <i>Lindelofia anchusoides</i> Lehm.	w	lindelofine	CA 43:3827.
	w	cynoglossine	Webb 232.
627. <i>Lithospermum arvense</i> L.		unn	CA 48:11727.
628. <i>Lithospermum purpurocaeruleum</i> L.		makrotomine	CA 47:7512.
629. <i>Macrotomia echinoides</i> Boiss.	l, s	unn	CA 48:11727.
630. <i>Moltzia</i> sp.	w	lindelofamind	M-H V 318.
631. <i>Paracaryum heliocarpum</i> Kern.	w	lindelofine	M-H V 318.
	w	echinatine	CA 49:5496.
632. <i>Rindera echinata</i> Regel	l, s	trachelantamine	CA 35:7111.
633. <i>Solenanthus (Trachelanthus) korolkovii</i> Lipsky	w	trachelantine	CA 35:7111.
	w	solenthine	Sokolov 130.
634. <i>Solenanthus olgae</i> Regel & Smirnow		unn	CA 48:11727.
635. <i>Solenanthus stamineus</i> Macbride		unn	CA 48:11727.
636. <i>Symplytum asperum</i> Lepech.		consolagine	Merck.
637. <i>Symplytum officinale</i> L.	w	consolidine	Merck.
	w	cynoglossine	Sokolov 130.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
BORAGINACEAE—Continued			
638. <i>Tournefortia sarmentosa</i> Lam.	<i>l, s</i>	supinine	CA 49:16334.
639. <i>Tournefortia sibirica</i> L.	<i>l, s</i>	unn. (5)	CA 49:16334.
640. <i>Tournefortia sogdiana</i> (Bunge) Popov	<i>l, s</i>	tournefortine	M-H V 326.
642. <i>Trichodesma incanum</i> Bunge	<i>sd</i>	cynoglossine (?)	Sokolov 130.
	<i>sd</i>	incanine	CA 50:6670.
	<i>l, s, sd</i>	incanine N-oxide	CA 51:1539.
	<i>l, s, sd</i>	nikanine	CA 52:13017.
	<i>w</i>	nikanine N-oxide	CA 52:13017
	<i>l, s, sd</i>	trichodesmine	Henry 602.
		trichodesmine N-oxide	CA 52:13017.
BURSERACEAE			
643. <i>Commiphora (Balsamodendrum) kafal</i> Kunth <i>kafal</i>		unn.	CSJ 70 I:57.
644. <i>Protium</i> sp.		unn.	Webb 232.
BUXACEAE			
645. <i>Buxus balearica</i> Lam.		unn.	CA 47:2372.
646. <i>Buxus harlandii</i> Hance	<i>l</i>	unn.	Wall 15.
647. <i>Buxus longifolia</i> Boiss.		unn.	CA 47:2372.
648. <i>Buxus sempervirens</i> L.	<i>l</i>	alkaloids A, B, C, D, L	CA 44:4009.
	<i>l</i>	alkaloids M, N	CA 44:9454.
		bebeerine	M-H IV 227.
		isochondodendrine	Orekhov 536.
651. <i>Pachysandra axillaris</i> Franch.		unn.	CR 191:625.
652. <i>Pachysandra terminalis</i> Sieb. & Zucc.		unn.	CR 191:625.
652A. <i>Sarcococca hookeriana</i> Baill.	<i>l</i>	unn.	CR 191:625.
653. <i>Sarcococca pruiniformis</i> Lindl.	<i>l</i>	unn.	CA 46:1719.
653A. <i>Sarcococca ruscifolia</i> Stapf ¹	<i>w</i>	unn.	CR 191:625.
653B. <i>Sarcococca tonkinensis</i> Gagnep. ¹	<i>w</i>	unn.	We Sup 104.
654. <i>Simmondsia californica</i> Nutt.	<i>w</i>	unn.	CR 191:625.
655. <i>Styloceras kunthianum</i> A. Juss.	<i>w</i>	unn.	CR 191:625.

		w	unn.	We Sup 198.
656. <i>Styloceras laurifolium</i> H.B.K.	CACTACEAE			
657. <i>Ariocarpus retusus</i> Scheidw.			unn.	M-H IV 24.
658. <i>Ariocarpus</i> sp.			anhalonine	Merck.
659. <i>Astrophytum myriostigma</i> Lem.			unn.	M-H IV 24.
660. <i>Carnegiea gigantea</i> (Engelm.) Britt. & Rose	w		carnegine	M-H IV 15.
662. <i>Cereus coryne</i> Salm-Dyck			unn.	CA 43:6337.
663. <i>Cereus grandiflorus</i> Mill.			unn.	We 810.
664. <i>Cereus jamacaru</i> DC.	l		caffeine	Freise.
665. <i>Cereus pecten-aboriginum</i> Engelm.	sd		carnegine	Henry 159.
666. <i>Cereus peruvianus</i> (L.) Mill.			unn.	M-H IV 24.
667. <i>Cereus sargentianus</i> Orcutt			unn.	Klein 704.
668. <i>Dolichothele uberiformis</i> (Zucc.) Britt. & Rose			unn.	M-H IV 24.
669. <i>Echinocactus lewinii</i> (Hennings) K. Schum.			unn.	CA 43:6337.
670. <i>Echinocactus mammulosus</i> Lem.			unn.	We 812.
671. <i>Echinocactus viznaga</i> Hook.			unn.	M-H IV 24.
672. <i>Echinocereus mammillatus</i> (Engelm.) Britt. & Rose	w		unn.	M-H IV 24.
673. <i>Echinopsis eyriesii</i> (Turpin) Zucc.			unn.	M-H IV 25.
674. <i>Epiphyllum ackermannii</i> Haw.			unn.	M-H IV 24.
675. <i>Epiphyllum russellianum</i> Hook.			unn.	Klein 705.
676. <i>Gymnocalycium gibbosum</i> Pfeiff.	w		anhalonine	Merck.
			mescaline	M-H III 324.
677. <i>Gymnocalycium multiflorum</i> Britt. & Rose	w		unn. (2)	N-O.
678. <i>Harrisia adscendens</i> Britt. & Rose	sd		unn.	M-H IV 25.
679. <i>Lemaireocereus weberi</i> Britt. & Rose	w		caffeine	Freise.
680. <i>Leocereus bahiensis</i> Britt. & Rose	sd		anhalonidine	CA 49:9003.
681. <i>Lophocereus australis</i> Britt. & Rose	w		caffeine	Freise.
682. <i>Lophocereus gatesii</i> M. E. Jones	w		pilocereine	CA 49:9003.
683. <i>Lophocereus schottii</i> (Engelm.) Britt. & Rose	w		pilocereine	CA 49:9003.
	w		lophocerine	Tetra 2:58.
	w		piloceredine	Tetra 2:58.
	w		pilococcine	ACSJ 75:3632.

¹ Erroneously taken up as *Hookeriana ruscifolia* and *H. tonkinensis* by authors after Martin-Sans.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CACTACEAE—Continued			
684. <i>Lophophora williamsii</i> (Lem.) Coulter	w	anhalamine	AJP 130:307.
	w	anhalidine	AJP 130:307.
	w	anhalinine	AJP 130:307.
	w	anhalonidine	AJP 130:307.
	w	anhalonine	AJP 130:307.
	w	lophophorine	AJP 130:307.
	w	mescaline	AJP 130:307.
	w	N-methylmescaline	CA 32:1272.
	w	pellotine	AJP 130:307.
685. <i>Lophophora</i> spp.		unn.	CA 43:6337.
686. <i>Mammillaria centricirrha</i> Lem.	l	unn.	We 809.
687. <i>Mammillaria cirrhifera</i> Mart.	l	unn.	We 809.
688. <i>Mammillaria fissurata</i> Engelm.		anhaline	Henry 154.
689. <i>Mammillaria jourdanianum</i>		anhalinine	Henry 154.
690. <i>Mammillaria lewinii</i> (Hennings) Karsten	w	N-acetyl mescaline	Henry 154.
	w	anhalamine	Henry 154.
	w	anhalidine	Henry 154.
	w	anhaline	Sokolov 127.
	w	anhalinine	Henry 154.
	w	anhalonidine	M-H IV 8.
	w	anhalonine	Henry 154.
	w	lophophorine	Henry 154.
	w	O-methylanhalonidine	M-H IV 8.
	w	N-methylmescaline	Henry 154.
	w	mescaline	Henry 154.
	w	pellotine	Henry 154.
	w	pellotine	Henry 154.
	w	unn.	M-H IV 24.
691. <i>Mammillaria williamsii</i> (Lem.) Coulter.		mescaline	Gaz. Chim. Ital.
692. <i>Neomammillaria magnimamma</i> (Haw.) Britt. & Rose = <i>Mammillaria magnimamma</i> Haw.			86:1305.
693. <i>Opuntia cylindrica</i> (Lam.) DC.		unn.	CA 49:14193.

694. <i>Opuntia</i> sp.	w	unn.	CA 43:1530.
695. <i>Pachycereus marginatus</i> Britt. & Rose	w	pilocereine	CA 49:9003.
696. <i>Phyllocactus ackermannii</i> Salm-Dyck		unn.	We 812.
697. <i>Phyllocactus russelianus</i> Salm-Dyck		unn.	We 812.
698. <i>Pilocereus gounellei</i> Weber	sd	cafeine	Freise.
699. <i>Pilocereus sargentianus</i> Orcutt	l	pilocereine	We 810.
700. <i>Rhipsalis teres</i> Steud.		unn.	M-H IV 24.
701. <i>Schlumbergera russelliana</i> Britt. & Rose		unn.	M-H IV 24.
702. <i>Selenicereus grandiflorus</i> (L.) Britt. & Rose		cactine	M-H IV 24.
703. <i>Stetsonia coryne</i> Britt. & Rose		coryneine	M-H IV 24.
704. <i>Trichocereus candicans</i> (Gill.) Britt. & Rose	w	oxycandicine	N-O.
	w	anhaline	Henry 161.
	w	candicine	M-H IV 24.
		hordenine	M-H IV 24.
705. <i>Trichocereus huascha</i> (Weber) Britt. & Rose	w	unn.	M-H IV 25.
706. <i>Trichocereus lamprochlorus</i> (Lem.) Britt. & Rose	w	candicine	M-H IV 24.
707. <i>Trichocereus spachianus</i> (Lem.) Riccobono	w	hordenine	M-H IV 24.
708. <i>Trichocereus terscheckii</i> (Parm.) Britt. & Rose	w	candicine	M-H IV 24.
	w	anhalonine	Orekhov 256.
709. <i>Trichocereus aff. terscheckii</i> (Parm.) Britt. & Rose	w	mescaline	M-H IV 24.
710. <i>Trichocereus thelegonoides</i> (Speg.) Britt. & Rose		tricocereine	M-H IV 24.
711. <i>Trichocereus thelegonus</i> (Weber) Britt. & Rose		unn.	M-H IV 25.
712. <i>Trichocereus</i> sp.	sd	unn.	M-H IV 25.
		unn.	M-H IV 25.
		caffeine	Freise.
CALYCANTHACEAE			
713. <i>Calycanthus floridus</i> L.	sd	calycanthidine	Henry 486.
	sd	calycanthine	Henry 486.
	l	folicanthine	CA 45:7576.
714. <i>Calycanthus glaucus</i> Willd.	sd	isocalycanthine	Orekhov 590.
	sd	calycanthidine	M-H II 434.
	sd	calycanthine	M-H II 434.
715. <i>Calycanthus occidentalis</i> Hook. & Arn.	sd	isocalycanthine	M-H II 434.
	l	calycanthine	Henry 486.
		folicanthine	CSJ 1957:1877.
		isocalycanthine	Orekhov 590.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CALYCANTHACEAE—Continued			
716. <i>Calycanthus praecox</i> L.	sd.	calycanthine isocalycanthine	ACSJ 51:1836. Orekhov 590.
CAMpanulaceae			
717. <i>Campanula</i> sp.	w	unn	CA 48:11727.
718. <i>Isotoma anethifolia</i> Summerhayes	w	unn	Webb 241.
719. <i>Isotoma axillaris</i> Lindl.	l, s	unn	Webb 268.
720. <i>Isotoma longiflora</i> Presl	w	isotomine	Merck.
721. <i>Isotoma petraea</i> F. Muell.	l, r	unn	CA 42:1350.
722. <i>Lobelia cardinalis</i> L.	l	unn	Webb 241.
723. <i>Lobelia delisseana</i> Gaudich.	w, r	cardinalis-alkaloid 2	Webb 268.
724. <i>Lobelia dortmanna</i> L.	l, s, fl, r	lobeline	PAH 33:852.
725. <i>Lobelia erinus</i> L.	l	lobinaline	Orekhov 94.
726. <i>Lobelia gibbosa</i> Hemsl.	fl	unn	M-H I 189.
727. <i>Lobelia inflata</i> L.	fl	lobeline	Wall 55.
	w, r	unn	We 1209.
	w, r	lobeline	Orekhov 94.
	w, r	unn	M-H I 189.
	w, r	lobeline	Orekhov 94.
	w, r	unn	M-H I 189.
	w, r, sd	alkaloid C ₁₈ H ₂₇ (₂₉)NO ₃	CA 44: 10139.
	w, r	8,10-diethyl lobelidiol	Ann der Chem 608: 88.
	w, r	8-ethyl norlobelol-I	Ann der Chem 608: 88.
	w, r	isolobinanidine	Ann der Chem 608: 88.
	w, r	isolobinine	M-H I 189.
	w, r	lelobanidines I, II	M-H I 189.
	w, r	lobelanidine	M-H I 189.
	w, r	lobelanine	M-H I 189.
	w, r	lobeline	M-H I 189.
	w, r	lobinanidine	M-H I 189.
	w, r	lobinine	M-H I 189.

		8-methyl-10-ethyl-lobelidiol.....	Ann der Chem 608: 88.
		8-methyl-10-phenyl-lobelidiol.....	Ann der Chem 608: 88.
		norlobanidine.....	Ann der Chem 608: 88.
		norlobelanidine.....	M-H I 189.
		norlobelanine.....	M-H I 189.
		unn. (4).....	Ann der Chem 608: 88.
		lelobanidines I, II, III.....	CA 50: 2918.
		lobeline.....	BA 20: 7370.
		norlobelanidine.....	CA 50: 2918.
		unn.....	Wall 60.
		lobeline.....	Webb 232.
		lobeline group.....	BA 26: 19316.
		lobelanine.....	CA 50: 12402.
		lobeline.....	CA 50: 12402.
		lobelanine.....	CA 50: 13368.
		lobeline.....	CA 50: 13368.
		norlobelanidine.....	CA 50: 13368.
		norlobelanine.....	CA 50: 13368.
		salicilobine.....	CA 50: 13368.
		unn.....	BA 26: 26002.
		lobeline.....	Orekhov 94.
		unn.....	M-H I 189.
		unn.....	CA 44: 10265.
		lobeline.....	Orekhov 94.
		lophilacrine.....	CA 47: 12753.
		lophiline.....	CA 47: 12753.
		unn.....	We 1209.
		unn.....	Wall 60.
		lobelanidine.....	CA 53: 1631.
		lobeline.....	CA 45: 2152.
		norlobelanine.....	CA 53: 1631.
		unn. (5).....	CA 53: 1631.
		lobelanidine.....	CA 44: 8601.
		lobeline.....	CA 44: 8601.
		lurenine.....	CA 45: 3853.
		unn.....	CA 44: 8601.
		unn.....	Webb 268.
		siphocampiline.....	CA 45: 9134.
		unn.....	Webb 241.
730. <i>Lobelia nicotianaeifolia</i> Heyne.....	w, r.....		
730A. <i>Lobelia puberula</i> Michx.....	l.....		
731. <i>Lobelia purpurascens</i> R. Br.....	l, fl.....		
732. <i>Lobelia pyramidalis</i> Hohen.....	l.....		
732A. <i>Lobelia radicans</i> Thunb.....	l, s, fl, r.....		
733. <i>Lobelia salicifolia</i> Sweet.....	w.....		
	w.....		
	w, r.....		
	sd.....		
734. <i>Lobelia sessilifolia</i> Lamb.....	w.....		
735. <i>Lobelia suavibracteata</i> Hauman.....	unn.....		
736. <i>Lobelia syphilitica</i> L.....	unn.....		
	l.....		
	l, s, fl, r.....		
737. <i>Lobelia tupa</i> L.....	l.....		
	l.....		
	l.....		
738. <i>Lobelia urens</i> L.....	l, s.....		
740. <i>Pratia concolor</i> Druce (<i>P. erecta</i> Gaudich.) (<i>Lobelia concolor</i> R. Br.).	w.....		
741. <i>Siphocampylus foliosus</i> Griseb.....	w.....		
742. <i>Wahlenbergia gracilis</i> Schrad.....	w.....		

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CAPPARIDACEAE			
743. <i>Apophyllum anomalum</i> F. Muell.	s	unn	Webb 241.
744. <i>Capparis canescens</i> Banks	l, b	unn	Webb 241.
745. <i>Capparis lasiantha</i> R. Br.	l, fr, b	unn	Webb 241, 268.
746. <i>Capparis lucida</i> Banks	l	unn	Webb 268.
747. <i>Capparis mitchellii</i> Lindl.	b	unn	Webb 268.
748. <i>Capparis nobilis</i> F. Muell.	l, b	unn	Webb 241.
749. <i>Capparis aff. nobilis</i> F. Muell.	l, b	unn	Webb 241.
750. <i>Capparis nummularia</i> DC.	l, s	unn	Webb 268.
751. <i>Capparis persicaefolia</i> A. Rich.		unn	Klein 721.
752. <i>Capparis sarmentosa</i> A. Cunn.	l, s, fl	unn	Webb 268.
753. <i>Capparis sola</i> Macbride	b	unn	CA 32: 8077.
754. <i>Capparis spinosa</i> L.		unn	Klein 721.
755. <i>Capparis tomentosa</i> Lam.	fr	stachydine	LCSJ 1952:601.
756. <i>Capparis</i> sp.	l, b	unn	Webb 241.
757. <i>Cleome ciliata</i> Schum. & Thonn.	w	unn	D-K.
758. <i>Cleome</i> sp.	l	unn	Arthur.
759. <i>Courbonia virgata</i> Brongn.	w	unn	Webb 241.
760. <i>Crataeva</i> sp.	fr	3-hydroxystachydine	LCSJ 1952:597.
761. <i>Gynandropsis gynandra</i> (<i>G. pentaphylla</i>)	r	unn	D-K.
762. <i>Polanisia graveolens</i> Raf.	l, s, fr, r	unn	Webb 268.
763. <i>Polanisia viscosa</i> DC.	w	unn	Wall 55.
CAPRIFOLIACEAE			
764. <i>Diervilla florida</i> Sieb. & Zucc.	fr	narceine	We 1190.
765. <i>Lonicera caucasica</i> Pall.		unn	CA 48:11727.
766. <i>Lonicera iberica</i> Bieb.		unn	CA 48:11727.
767. <i>Lonicera</i> sp.	l	unn	Webb 268.
768. <i>Sambucus gaudichaudiana</i> DC.	l, s	unn	Webb 241.
769. <i>Sambucus nigra</i> L.	b	sambucine	Chopra 529.
	l, b, fl	unn	Chopra 529.

<p>50871-61</p> <p>770. <i>Sambucus racemosa</i> L.</p> <p>771. <i>Sambucus xanthocarpa</i> F. Muell.</p> <p>772. <i>Sambucus</i> sp.</p> <p>773. <i>Triosteum perfoliatum</i> L.</p> <p>774. <i>Viburnum prunifolium</i> L.</p> <p>775. <i>Viburnum sambucinum</i> Reinw.</p>	<p><i>l</i>, <i>b</i>, <i>fl</i></p> <p><i>l</i>, <i>b</i>, <i>fl</i></p> <p><i>l</i>, <i>s</i></p> <p><i>r</i></p> <p><i>b</i></p> <p><i>l</i></p>	<p>unn.</p> <p>unn.</p> <p>unn.</p> <p>trigonelline</p> <p>triosteine</p> <p>unn.</p> <p>unn.</p>	<p>CA 30:5723.</p> <p>CA 30:5723.</p> <p>Webb 268.</p> <p>CA 46:6332.</p> <p>We 1188.</p> <p>We 1189.</p> <p>We 1189.</p>
CARICACEAE			
<p>776. <i>Carica dodecaphylla</i> Vell.</p> <p>777. <i>Carica hastata</i> Brign.</p> <p>778. <i>Carica papaya</i> L.</p>	<p><i>l</i>, <i>fr</i>, <i>sd</i></p> <p><i>l</i>, <i>fr</i>, <i>sd</i></p> <p><i>l</i></p>	<p>carpaine</p> <p>carpaine</p> <p>carpaine</p> <p>ψ-carpaine</p>	<p>We 807.</p> <p>Henry 599.</p> <p>Henry 599.</p> <p>CA 49:6282.</p>
CARYOPHYLLACEAE			
<p>780. <i>Dianthus crinitus</i> Sm.</p> <p>781. <i>Dianthus raddeanus</i></p> <p>782. <i>Herniaria glabra</i> L.</p> <p>783. <i>Lychnis flos-cuculi</i> L.</p> <p>784. <i>Melandrium</i> sp.</p> <p>785. <i>Silene</i> sp.</p> <p>786. <i>Stellaria</i> sp.</p>	<p></p> <p></p> <p></p> <p><i>fl</i></p> <p></p> <p></p> <p></p>	<p>unn.</p> <p>unn.</p> <p>paronychine</p> <p>unn.</p> <p>unn.</p> <p>unn.</p> <p>unn.</p>	<p>CA 48:11727.</p> <p>CA 48:11727.</p> <p>Klein 705.</p> <p>Klein 705.</p> <p>CA 48:11727.</p> <p>CA 48:11727.</p> <p>CA 52:3044.</p>
CELASTRACEAE			
<p>787. <i>Caryospermum arborescens</i> F. Muell.</p> <p>788. <i>Catha edulis</i> Forsk.</p>	<p><i>l</i></p> <p></p>	<p>unn.</p> <p>cathidine</p> <p>cathine</p> <p>cathinine</p> <p>ephedrine</p> <p>ψ-ephedrine</p> <p>nor-ψ-ephedrine</p> <p>unn.</p> <p>unn.</p>	<p>Webb 268.</p> <p>Sokolov 126.</p> <p>Sokolov 126.</p> <p>Sokolov 126.</p> <p>Orekhov 672.</p> <p>Orekhov 672.</p> <p>Henry 635.</p> <p>Webb 241, 268.</p> <p>Webb 241.</p>
<p>789. <i>Celastrus cunninghamii</i> F. Muell.</p> <p>790. <i>Celastrus dispermus</i> F. Muell.</p> <p>791. <i>Celastrus paniculatus</i> Willd.</p>	<p><i>l</i>, <i>r</i>, <i>fr</i></p> <p><i>l</i>, <i>b</i></p> <p><i>sd</i></p> <p><i>sd</i></p> <p><i>l</i>, <i>w</i></p>	<p>unn.</p> <p>unn.</p> <p>celastrine</p> <p>paniculatine</p> <p>unn.</p>	<p>Henry 780.</p> <p>Henry 780.</p> <p>Webb 268.</p>
<p>792. <i>Denhamia obscura</i> Meissn.</p>			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CELASTRACEAE—Continued			
793. <i>Denhamia pittorescoidea</i> F. Muell.	<i>l</i> , <i>s</i> , <i>fr</i>	unn.	Webb 268.
794. <i>Elaeodendron australe</i> Vent.	<i>l</i> , <i>b</i> , <i>rb</i> , <i>fr</i>	unn.	Webb 241.
795. <i>Elaeodendron croceum</i> DC.	<i>rb</i>	unn.	We 1286.
796. <i>Elaeodendron melanocarpum</i> F. Muell.	<i>b</i> , <i>fr</i>	unn.	Webb 241.
797. <i>Elaeodendron microcarpum</i> C. T. White & Francis.	<i>l</i>	unn.	Webb 268.
798. <i>Euonymus australianus</i> F. Muell.	<i>w</i>	unn.	Webb 268.
799. <i>Euonymus europaeus</i> L.	<i>sd</i>	unn. (3)	M-H V 308.
800. <i>Lophopetalum toxicum</i> Loher.	<i>b</i>	unn.	Klein 731.
801. <i>Maytenus boaria</i> Molina.	<i>sd</i>	unn.	CA 31:7494.
802. <i>Maytenus ilicifolia</i> Mart.	<i>fr</i>	cafffeine (?)	BSP 44:137.
803. <i>Maytenus</i> sp.	<i>fr</i>	cafffeine	Freise.
804. <i>Siphonodon australis</i> Benth.	<i>fr</i> , <i>b</i>	unn.	Webb 241.
805. <i>Siphonodon membranaceus</i> F. M. Bailey	<i>l</i> , <i>b</i>	unn.	Webb 241.
806. <i>Siphonodon pendulus</i> F. M. Bailey	<i>b</i> , <i>fr</i>	unn.	Webb 241.
807. <i>Tripterygium wilfordii</i> Hook. f.	<i>r</i>	tripterigine	Orekhov 774.
	<i>r</i>	wilfodeine	CA 46:6658.
	<i>r</i>	wilforgine	CA 48:180.
	<i>r</i>	wilforidine	Orekhov 774.
	<i>r</i>	wilforine	CA 46:6658.
	<i>r</i>	wilfortrine	CA 48:180.
		wilforzine	CA 48:5195.
CHENOPodiaceae			
808. <i>Anabasis aphylla</i> L.	<i>w</i>	anabasine	Henry 43.
	<i>w</i>	aphyllidine	Henry 53.
	<i>w</i>	aphylline	Henry 54.
	<i>w</i>	base V	Henry 54.
	<i>w</i>	lupinine	Henry 53.
	<i>w</i>	N-methylanabasine	ACSJ 54:397.
	<i>w</i>	oxyaphyllidine	AC 69:67.
	<i>w</i>	oxyaphylline	AC 69:67.
		supinine	CA 49:12778.

809. <i>Anabasis eriopoda</i> Paulsen		unn.	Roark 10.
810. <i>Anabasis eugeniae</i> Iljin		unn.	Roark 10.
811. <i>Anabasis ramosissima</i> Minkwitz		unn.	Roark 10.
812. <i>Anabasis truncata</i> Bunge		unn.	Roark 10.
813. <i>Arthrophytum leptocladium</i> Popov	<i>l</i> , <i>s</i>	dipterine	Henry 772.
	<i>l</i> , <i>s</i>	leptocladine	Henry 772.
	<i>l</i> , <i>s</i>	N-methyl- β -phenethylamine	Henry 772.
	<i>w</i>	3-methyl-1,2,3,4-tetrahydro- α -carboline	CA 53:7506.
814. <i>Arthrophytum wakhanicum</i> Korovin		dipterine	Orekhov 564.
815. <i>Atriplex campanulata</i> Benth.	<i>r</i>	leptocladine	Orekhov 570.
816. <i>Atriplex canescens</i> James	<i>l</i>	unn.	Webb 268.
817. <i>Atriplex fominii</i> Iljin	<i>fl</i>	unn.	Wall 55.
818. <i>Atriplex hortensis</i> L.		unn.	I-R.
819. <i>Atriplex littoralis</i> L.		chenopodine	Jahresber Pharm 2:132.
820. <i>Atriplex nitens</i> Schkuhr			CA 48:11727.
821. <i>Bassia bicornis</i> R. H. Anders	<i>l</i> , <i>s</i>		CA 48: 11727.
822. <i>Bassia birchii</i> F. Muell.	<i>w</i>		Webb 268.
823. <i>Bassia quinquecuspis</i> F. Muell.	<i>l</i> , <i>s</i>		Webb 268.
824. <i>Chenopodium album</i> ? L.	<i>l</i> , <i>s</i>	chenopodine	Webb 241.
825. <i>Chenopodium blackianum</i> Aellen		unn.	Sokolov 116.
826. <i>Chenopodium carinatum</i> R. Br.	<i>w</i>	unn.	Webb 241.
827. <i>Chenopodium cristatum</i> F. Muell.	<i>w</i>	unn.	Webb 232.
828. <i>Chenopodium murale</i> L.	<i>l</i> , <i>s</i> , <i>r</i>	unn.	Webb 241.
829. <i>Chenopodium myriocephalum</i> Aellen	<i>l</i> , <i>s</i>	unn.	Webb 241.
830. <i>Girgensohnia diptera</i> Bunge	<i>l</i> , <i>s</i>	dipterine	M-H I 167.
	<i>l</i> , <i>s</i>	girgensonine	Orekhov 119.
831. <i>Girgensohnia oppositiflora</i> Fenzl		N-methylpiperidine	M-H I 167.
832. <i>Halostachys caspica</i> C. A. Mey.		girgensonine	Henry 774.
833. <i>Kochia</i> sp.	<i>w</i>	N-methylpiperidine	Henry 774.
834. <i>Nanophyton caspicum</i> Less.		halostachine	Henry 631.
		unn.	Webb 241.
		2,6-dimethylpiperidine	M-H V 317.
		1,2,6-trimethylpiperidine	M-H V 317.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CHENOPodiaceae—Continued			
835. <i>Nanophyton erinaceum</i> Bunge	<i>l</i> , <i>s</i>	2,6-dimethylpiperidine	CA 45:2485.
	<i>l</i> , <i>s</i>	1,2,6-trimethylpiperidine	CA 45:2485.
836. <i>Petrosimonia monandra</i> Bunge		piperidine	M-H I 167.
837. <i>Salsola dendroides</i> Pall.	<i>s</i>	unn.	I-R.
838. <i>Salsola kali</i> L.		salsolidine	CA 53:11533.
		salsoline	CA 53:11533.
		unn.	Webb 241.
839. <i>Salsola richteri</i> Karel.	<i>l</i> , <i>s</i>	salsamine	Henry 160.
	<i>w</i>	salsolidine	CA 46:4176.
839A. <i>Salsola ruthenica</i> Iljin	<i>l</i>	salsoline	H 159.
839B. <i>Salsola soda</i> L.		salsolidine	CA 53:11533.
840. <i>Salsola subaphylla</i> C. A. Mey.	<i>l</i> , <i>s</i>	salsoline	CA 53:11533.
841. <i>Suaeda linearis</i> Moq.	<i>l</i> , <i>s</i> , <i>fl</i> , <i>r</i>	subaphylline	CA 44:1455.
842. <i>Threlkeldia proceriflora</i> F. Muell.	<i>w</i>	unn.	Wall 55.
		unn.	Webb 241.
Combretaceae			
843. <i>Combretum jacquinii</i> Griseb.	<i>l</i>	caffeine	Freise.
844. <i>Combretum loeflingii</i> Eichl.	<i>sd</i>	caffeine	Freise.
845. <i>Combretum micranthum</i> G. Don	<i>l</i>	combretine	Henry 780.
845A. <i>Gyrocarpus asiaticus</i> Willd.	<i>b</i>	unn.	We 351.
846. <i>Illigera pulchra</i> Blume		laurotetanine	M-H IV 125.
847. <i>Quisqualis indica</i> L.	<i>sd</i>	unn.	Henry 782.
Commelinaceae			
848. <i>Aneilema acuminatum</i> R. Br.	<i>w</i>	unn.	Webb 241.
849. <i>Commelina cyanea</i> R. Br.	<i>l</i> , <i>s</i>	unn.	Webb 241.
850. <i>Commelina undulata</i> R. Br.	<i>l</i> , <i>s</i>	unn.	Webb 241.

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851. <i>Acantholepis orientalis</i> Less.		unn.	CA 48:11727.
852. <i>Acanthospermum australe</i> (Loefl.) Kuntze	<i>l</i> , <i>s</i>	unn.	Wall 55.
853. <i>Acanthospermum hispidum</i> DC.	<i>l</i> , <i>s</i>	unn.	Webb 241.
854. <i>Acanthospermum xanthioides</i> DC. = <i>A. australis</i> (Loefl.) Kuntze.		acanthospermine.	BA 16:13359.
855. <i>Achillea millefolium</i> L.	<i>l</i>		
856. <i>Achillea moschata</i> Jacq.	<i>l</i> , <i>s</i>	achiceine. achilleine. moschatine.	Sokolov 133. ACSJ 76:1353. Sokolov 133.
857. <i>Actinomeris alternifolia</i> DC.	<i>l</i> , <i>s</i>	unn.	Wall 55.
858. <i>Adenostemma lavenia</i> (L.) Kuntze	<i>l</i>	achilleine. moschatine.	Henry 779. Henry 779.
859. <i>Ageratum conyzoides</i> L.	<i>l</i>	unn.	Wall 55.
860. <i>Amberboa glauca</i> Less. = <i>Centaurea glauca</i> Willd.	<i>l</i> , <i>s</i> , <i>r</i>	unn.	Arthur.
860A. <i>Ambrosia</i> sp.	<i>r</i>	unn.	Arthur.
861. <i>Anacyclus pyrethrum</i> DC.	<i>r</i>	anacycyclin. pellitorine.	CA 48:11727. Wall 60.
862. <i>Aplopappus hartwegii</i> (A. Gray) Blake	<i>w</i>	pyridine.	LCSJ 1955:999. LCSJ 1955:999.
863. <i>Arctium minus</i> Bernh.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	M-H I 167.
864. <i>Arctium pubens</i> Bab.	<i>fr</i>	unn.	Henry 779.
865. <i>Artemisia abrotanum</i> L.	<i>l</i>	unn.	Wall 55.
866. <i>Artemisia austriaca</i> Jacq.		abrotine.	We 1261.
867. <i>Artemisia divaricata</i> Pampan.		unn.	We 1251.
868. <i>Artemisia fragrans</i> Willd.		unn.	CA 34:5878.
869. <i>Artemisia hanseniana</i>		unn.	CA 50:10341.
870. <i>Artemisia ludoviciana</i> Nutt.	<i>l</i> , <i>s</i> , <i>r</i>	unn.	CA 50:10341.
871. <i>Artemisia maritima</i> L.		unn.	CA 50:10341.
872. <i>Artemisia spicigera</i> C. Koch	<i>l</i>	unn.	CA 34:5878.
873. <i>Artemisia tridentata</i> Nutt.		unn.	CA 50:10341.
874. <i>Artemisia</i> spp.		unn.	Wall 55.
875. <i>Aster subulatus</i> Michx.	<i>l</i> , <i>s</i>	unn.	CA 49:7813.
876. <i>Baccharis cordifolia</i> DC.	<i>l</i> , <i>s</i>	unn.	Webb 241.
877. <i>Baccharis halimifolia</i> L.	<i>l</i> , <i>s</i>	baccharine.	Henry 779.
878. <i>Bidens pilosa</i> L.	<i>l</i> , <i>s</i> , <i>r</i>	unn.	Webb 241.
		unn.	Webb 268.
		unn.	Wall 55.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
879. <i>Bigelowia nudata</i> DC. (<i>Chondrophora nudata</i> (Michx.) Britton).	<i>l</i> , <i>s</i> , <i>fl</i> , <i>r</i>	unn.	Wall 55.
880. <i>Blumea balsamifera</i> DC.	<i>l</i>	unn.	Arthur.
881. <i>Brachycome microcarpa</i> F. Muell.	<i>l</i> , <i>s</i>	unn.	D-K.
882. <i>Brachycome</i> spp.	<i>w</i>	unn.	Webb 241.
883. <i>Cacalia hastata</i> L.	<i>w</i>	unn.	Webb 241.
884. <i>Calotis cuneifolia</i> R. Br.	<i>w</i>	hastacine.	Henry 601.
885. <i>Calctis hispidula</i> F. Muell.	<i>l</i> , <i>s</i> , <i>fr</i>	unn.	Webb 241.
886. <i>Carduus acanthoides</i> L.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	Webb 268.
887. <i>Carduus</i> sp.		unn.	Wall 55.
888. <i>Cassinia laevis</i> R. Br.	<i>l</i>	unn.	Webb 232.
888A. <i>Centaurea alexandri</i> Bordz.		unn.	Webb 241.
888B. <i>Centaurea depressa</i> Bieb.		unn.	CA 53:3597.
889. <i>Centaurea diffusa</i> Lam.		unn.	CA 53:3597.
889A. <i>Centaurea iberica</i> Trevir.		unn.	CA 34:5878.
890. <i>Centaurea inuloides</i> Fisch.		unn.	CA 53:3597.
891. <i>Centaurea karabaghensis</i> (<i>Psephellus karabaghensis</i>)		unn.	CA 34:5878.
892. <i>Centaurea macrocephala</i> Puschk.	<i>w</i>	unn.	CA 48:11727.
893. <i>Centaurea maculosa</i> Lam.	<i>l</i> , <i>s</i> , <i>fl</i> , <i>r</i>	unn.	CA 48:697.
894. <i>Centaurea melitensis</i> (?) L.	<i>w</i>	unn.	Wall 55.
895. <i>Centaurea picris</i> Pall.= <i>C. repens</i> L.		unn.	Webb 241.
896. <i>Centaurea solstitialis</i> L.	<i>w</i> , <i>fl</i>	unn.	CA 51:14907.
897. <i>Centaurea squarrosa</i> Roth	<i>w</i>	unn.	CA 51:8910.
898. <i>Centipeda thespidioides</i> F. Muell.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	CA 48:697.
899. <i>Centratherum muticum</i> Less.	<i>w</i>	unn.	Webb 268.
900. <i>Chrysanthemum cinerariaefolium</i> Vis.		stachydrine.	Webb 241, 268.
901. <i>Chrysanthemum sinense</i> Sabine	<i>l</i> , <i>fl</i>	stachydrine.	Henry 773.
902. <i>Cicerbita</i> sp.		unn.	M-H I 101.
903. <i>Cirsium arvense</i> (L.) Scop.	<i>l</i>	unn.	CA 48:11727.
903A. <i>Cirsium setigerum</i> Ledeb.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	We 1262.
			Wall 55.
			CA 53:3597.

904. <i>Crepis pinnatifida</i> Froel.		unn.	CA 48:11727.
905. <i>Dahlia variabilis</i> Desf.	t	trigonelline	M-H I 176.
906. <i>Dicoma anomala</i> Sond.	w	unn.	CA 7:2660.
907. <i>Doronicum macrophyllum</i> Fisch.		unn.	CA 48:11727.
908. <i>Echinops albidus</i> Boiss. & Sprun.	sd, l	echinopsine	We Sup 78.
909. <i>Echinops bannaticus</i> Rochel.	l, fr	echinopsine	Klein 771.
910. <i>Echinops commutatus</i> Juratzka.	l, b, sd, wd	echinopsine	Klein 771.
911. <i>Echinops dahuricus</i> Fisch.	l, sd	echinopsine	We Sup 78.
912. <i>Echinops exaltatus</i> Schrad.	l, sd	echinopsine	We Sup 78.
913. <i>Echinops horridus</i> Desf.	l, sd	echinopsine	We Sup 78.
914. <i>Echinops niveus</i> Wall.	l, sd	echinopsine	We Sup 78.
915. <i>Echinops ritro</i> L.	sd	echinopseine	M-H III 66.
	sd	echinops-fluorescine	M-H III 66.
	sd	echinopsine	M-H III 66.
	sd	β -echinopsine	M-H III 66.
916. <i>Echinops sphaerocephalus</i> L.	l, sd	echinopsine	We Sup 78.
	fr	unn. (4)	CA 52:6721.
917. <i>Echinops szowitzii</i> Fisch. & Mey.	l, sd	echinopsine	We Sup 78.
918. <i>Eclipta alba</i> (L.) Hassk.	w	nicotine	Henry 35.
	l, s, r	unn.	Wall 55.
919. <i>Emilia sonchifolia</i> (L.) DC.	w	unn.	Webb 268.
920. <i>Enhydra fluctuans</i> Lour.	w	unn.	CA 47:3523.
921. <i>Epaltes australis</i> Less.	w	unn.	Webb 241.
922. <i>Erechtites gunnii</i> Hook. f.	s	unn.	Webb 268.
923. <i>Erechtites hieracifolia</i> (L.) Raf.	w	senecionine	ACSJ 78:398.
	l, s, r	seneciphylline	ACSJ 78:398.
924. <i>Erechtites quadridentata</i> DC.	w	unn.	Wall 55.
	w	retorsine	RSWAJ 41:1 (1958).
	w	retorsine N-oxide	RSWAJ 41:1 (1958).
	w	senecionine	RSWAJ 41:1 (1958).
	w	senecionine N-oxide	RSWAJ 41:1 (1958).
	w	seneciphylline	RSWAJ 41:1 (1958).
	w	seneciphylline N-oxide	RSWAJ 41:1 (1958).
925. <i>Erechtites valerianifolia</i> (Wulf.) DC.	l	unn.	Arthur.
926. <i>Erigeron linifolius</i> Willd.	w	unn.	Webb 241.
927. <i>Eupatorium cannabinum</i> L.	l, fl	eupatorine	Merck.
	w	unn.	I-R.
928. <i>Eupatorium chinense</i> L.	l	unn.	BA 12:5412.
928A. <i>Eupatorium mohrii</i> Greene	l, s, r	unn.	Wall 55.
929. <i>Eupatorium odoratum</i> L.	r	unn.	D-K.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
929A. <i>Eupatorium resinosum</i> Torr.	<i>l</i> , <i>s</i> , <i>fl</i> , <i>r</i>	unn.	Wall 55.
930. <i>Eupatorium riparium</i> Regel	<i>l</i> , <i>s</i> , <i>fr</i>	unn.	Webb 241.
930A. <i>Eupatorium rotundifolium</i> L.	<i>l</i> , <i>s</i>	unn.	Wall 55.
930B. <i>Franseria</i> sp.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	Wall 60.
931. <i>Gnaphalium luteo-album</i> L.	<i>w</i>	unn.	Webb 268.
932. <i>Gnaphalium purpureum</i> L.	<i>w</i>	unn.	Webb 268.
933. <i>Gnephosis cyathopappa</i> Benth.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	Webb 268.
933A. <i>Gutierrezia californica</i> Torr. & Gray	<i>w</i>	unn.	Wall 60.
933B. <i>Helenium tenuifolium</i> Nutt.	<i>l</i> , <i>s</i> , <i>fl</i> , <i>r</i>	unn.	Wall 55.
934. <i>Helichrysum apiculatum</i> D. Don	<i>w</i>	unn.	Webb 241.
935. <i>Helichrysum bracteatum</i> Andr.	<i>l</i> , <i>s</i> , <i>r</i>	unn.	Webb 241.
936. <i>Helichrysum diosmaefolium</i> Sweet	<i>l</i> , <i>s</i>	unn.	Webb 241.
937. <i>Helichrysum polypyllum</i> Ledeb.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	Webb 268.
938. <i>Helipterum anthemoides</i> DC.	<i>w</i>	unn.	Webb 241.
939. <i>Helipterum incanum</i> DC.	<i>w</i>	unn.	Webb 241.
940. <i>Inula royleana</i> DC.	<i>r</i>	inuline.	CJS 37:1187.
	<i>r</i>	methyllycaconitine.	CJS 37:1187.
	<i>r</i>	royline.	CJS 37:1187.
941. <i>Ixiolaena brevicompta</i> F. Muell.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	Webb 241.
942. <i>Ixiolaena tomentosa</i> (?) Sond. & Muell.	<i>w</i>	unn.	Webb 241.
942A. <i>Jurinea arachnoidea</i> Bunge		unn.	CA 53:3597.
943. <i>Jurinea subacaulis</i> Fisch. & Mey.		unn.	CA 48:11727.
944. <i>Lactuca muralis</i> (L.) E. Mey.	<i>l</i> , <i>s</i> , <i>fl</i> , <i>r</i>	unn.	We 1266.
945. <i>Lactuca scariola</i> L.	<i>sd</i>	unn.	We 1266.
	<i>l</i> , <i>r</i>	unn.	Webb 241.
	<i>l</i> , <i>s</i>	unn.	Wall 55.
946. <i>Lactuca virosa</i> L.	<i>l</i>	hyoscyamine	Webb 232.
947. <i>Lagascea spinosissima</i>	<i>l</i>	unn.	We 1214.
947A. <i>Liatris laevigata</i> Nutt.	<i>l</i> , <i>s</i> , <i>r</i>	unn.	Wall 55.
948. <i>Mikania cordifolia</i> (L.) Willd.	<i>b</i> , <i>l</i>	unn.	CA 44:2179.
949. <i>Millotia greevesii</i> F. Muell.	<i>l</i> , <i>s</i> , <i>fl</i>	unn.	Webb 268.
950. <i>Montanoa floribunda</i> C. Koch		unn.	Falek 25.

951. <i>Nyssanthes diffusa</i> R. Br.	<i>l, s</i>	unn	Webb 241.
952. <i>Olearia elliptica</i> DC.	<i>l</i>	unn	Webb 241.
953. <i>Olearia</i> spp.	<i>l, s</i>	unn	Webb 241.
954. <i>Parthenium hysterophorus</i> L.	<i>b, l</i>	parthenine	AJP. 69:169. CA 44:2179.
	<i>l, s, fl, r</i>	unn	Wall 55. CA 48:697.
955. <i>Petasites (Nardosmia) laevigatus</i> Reichb.	<i>w</i>	platiphylline	CA 48:697.
	<i>w</i>	renardine	CA 48:697.
	<i>w</i>	senecionine	Webb 268.
	<i>l, s, fl</i>	unn	Arthur.
956. <i>Picris hieracioides</i> L.	<i>l</i>	unn	Webb 268.
957. <i>Pluchea indica</i> (L.) Less.	<i>w</i>	unn	Webb 241.
958. <i>Podolepis longipedata</i> A. Cunn.	<i>w</i>	unn	Wall 55.
959. <i>Podolepis rufulochlamys</i> Benth.	<i>l, s, r</i>	unn	Orekhov 804.
959A. <i>Polymlia uvedalia</i> L.	<i>l, s, fl, r</i>	psilocauline	Webb 268.
960. <i>Psilocaulon absimile</i> N. E. Brown	<i>l, s</i>	unn	Webb 241.
961. <i>Pterigeron odorus</i> Benth.	<i>l, s, fl</i>	unn	Webb 268.
962. <i>Pterocaulon cylindrostachyum</i> C. B. Clarke	<i>l, s</i>	unn	Sokolov 133.
963. <i>Pterocaulon serrulatum</i> (<i>P. glandulosum</i> F. Muell.)	<i>l, s, fl</i>	saussurine	Henry 782.
964. <i>Saussurea alata</i> DC.	<i>r</i>	saussurine	M-H I 176.
965. <i>Saussurea lappa</i> C. B. Clarke	<i>t</i>	trigonelline	Orekhov 51.
966. <i>Scorzonera hispanica</i> L.		platiphylline	CA 51:2231.
967. <i>Senecio adnatus</i> DC.		retrospine	CA 51:2231.
968. <i>Senecio ambrosioides</i> Mart.		senecionine	CA 51:2231.
		seneciphylline	AC SJ 71:1956.
969. <i>Senecio ampullaceus</i> Hook.	<i>w</i>	α - and β -longilobine	AC SJ 71:1956.
970. <i>Senecio aquaticus</i> Hill.	<i>w</i>	senecionine	Nature 164:30.
971. <i>Senecio arenarius</i> Thunb.	<i>w</i>	aquaticine	Henry 601.
972. <i>Senecio aureus</i> L.	<i>w</i>	jacodine	I-R.
		unn	Merck.
		seneefoline	Merck.
973. <i>Senecio brachychaetus</i> DC.	<i>w</i>	senecine	Henry 602.
974. <i>Senecio brachypodus</i> DC.	<i>w</i>	senecionine	Wall 55.
975. <i>Senecio brasiliensis</i> Less.	<i>l, s, r</i>	unn	M-H I 162.
	<i>fl, r</i>	rosmarinine	Henry 602.
		jacoline	CA 51:2231.
		senecionine	CA 51:2231.
		seneciphylline	CA 51:2231.
		unn	Henry 602.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
976. <i>Senecio bupleuroides</i> DC.	w	isatidine	CA 44:3217.
	w	retrospine	CA 44:3217.
977. <i>Senecio campestris</i> DC.		campestrine	Henry 601.
978. <i>Senecio candolleanus</i> Hook. & Arn.		condoline	Orekhov 61.
		seneconine	Orekhov 48.
		unn.	M-H I 162.
979. <i>Senecio carthamoides</i> Greene	w	α -longilobine	ACSJ 71:1956.
		carthamoidine	Henry 601.
980. <i>Senecio caucasicus</i> DC.	w	seneconine	ACSJ 71:1956.
981. <i>Senecio cineraria</i> DC.	w	unn.	I-R.
		jacobine	Henry 601.
		jacodine	Henry 601.
983. <i>Senecio douglasii</i> DC.	sd	seneconine	CA 43:9075.
	w	douglasine	M-H I 109.
	w	α - and β -longilobine	ACSJ 71:1956.
	w	riddelliine	ACSJ 71:1956.
984. <i>Senecio eremophilus</i> Phil.	w	seneconine	ACSJ 71:1956.
	w	eremophiline	M-H I 109.
	w	α - and β -longilobine	ACSJ 71:1956.
	w	riddelliine	ACSJ 71:1956.
985. <i>Senecio erraticus</i> Bertol.	w	seneconine	ACSJ 71:1956.
	w	alkaloids S-C, S-D	CA 52:14971.
	w	othosanine	CA 52:14971.
986. <i>Senecio erucifolius</i> L. (<i>S. crucefolius</i> Willk.)	w	seneconine	CA 52:14971.
	w	jacobine	Henry 601.
	w	unn.	Henry 602.
987. <i>Senecio fremontii</i> Torr. & Gray	w	unn.	PJ 138:102.
988. <i>Senecio fuchsii</i> C. C. Gmel.	l	seneconine	CA 51:2231.
		senechiphylline	CA 51:2231.
		fuchsisenecionine	M-H I 109.
989. <i>Senecio glabellus</i> DC.	w	unn.	M-H I 112.
		seneconine	CA 48:12140.

990. <i>Senecio glaberrimus</i> DC.		retrorsine	Henry 602.
991. <i>Senecio graminifolius</i> Phil.		graminifoline	Henry 601.
992. <i>Senecio grandidentatus</i> Ledeb.		retrorsine	Henry 602.
993. <i>Senecio grandifolia</i> Less.	<i>l</i> , <i>s</i> , <i>r</i>	unn.	M-H I 162.
994. <i>Senecio gregorii</i> F. Muell.	<i>l</i> , <i>s</i>	N-hydroxyplatyphylline	CA 52:12322.
995. <i>Senecio hygrophilus</i> Klatt (<i>S. adnatus</i> DC.)	<i>w</i>	platyphylline	CA 52:12322.
	<i>w</i>	seneciphylline	CA 52:12322.
	<i>w</i>	unn.	Webb 268.
996. <i>Senecio ilicifolius</i> L.		platyphylline	Henry 602.
997. <i>Senecio integrifolius</i> Nutt.		rosmarinecine	CSJ 1943:452.
998. <i>Senecio isatideus</i> DC.		rosmarininine	Henry 602.
999. <i>Senecio jacobaea</i> L.	<i>w</i>	unn.	CA 38:364.
	<i>w</i>	retrorsine	Henry 602.
	<i>w</i>	senecionine	Henry 602.
	<i>w</i>	seneciphylline	CI 1954:1386.
	<i>w</i>	integerimine	Henry 601.
	<i>w</i>	senecionine	Henry 602.
	<i>w</i>	isatidine	Henry 601.
	<i>w</i>	retrorsine	Henry 602.
	<i>w</i>	jacobine	Henry 601.
	<i>w</i>	jacodine	Henry 601.
	<i>w</i>	jacoline	CA 49:2028.
	<i>w</i>	jaconine	CA 49:2028.
	<i>w</i>	jacozine	CA 49:2028.
	<i>w</i>	senecine	Merck.
	<i>w</i>	senecionine	CI 1956:1236.
	<i>w</i>	seneciphylline	CI 1956:1236.
	<i>w</i>	unn.	M-H I 162.
	<i>w</i>	unn.	I-R.
1000. <i>Senecio jacquinianus</i> Reichb.	<i>f</i>	mikanoidine	M-H I 110.
1001. <i>Senecio kaempferi</i> DC.	<i>t</i> , <i>b</i>	senkirkine	BA 23:19709.
1002. <i>Senecio kirkii</i> Hook. f.	<i>s</i>	integerimine	CI 1958:126.
1003. <i>Senecio kleinia</i> Less.	<i>f</i>	unn.	I-R.
1004. <i>Senecio lampsanoides</i> DC.	<i>w</i>	retrorsine	Henry 602.
1005. <i>Senecio latifolius</i> Banks & Soland.	<i>w</i>	senecifolidine	Henry 602.
	<i>w</i>	senecifoline	Henry 602.
	<i>w</i>	unn.	Webb 241,268.
1006. <i>Senecio lautus</i> Soland. forma	<i>l</i> , <i>f</i>	α - and β -longilobine	ACSJ 71:1956.
1008. <i>Senecio longilobus</i> Benth.	<i>w</i>	riddelliine	ACSJ 71:1956.
	<i>w</i>	senecionine	ACSJ 71:1956.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
1009. <i>Senecio macrophyllus</i> Bieb.	w	macrophylline	CA 50:2626.
1010. <i>Senecio massagetovii</i>	w	unn.	M-H I 162.
1011. <i>Senecio mikanioides</i> Otto	w	mikanoidine	Henry 601.
1012. <i>Senecio orientalis</i> Willd.	w	unn.	M-H I 162.
1013. <i>Senecio othonnae</i> Bieb.	fl	unn.	I-R.
1014. <i>Senecio paludosus</i> L.	w	othoseneine	Henry 601.
	w	jacobine	M-H I 110.
	w	jacodine	M-H I 110.
	w	unn.	PJ 138:102.
1015. <i>Senecio palustris</i> Hook.	w	senecionine	CA 53:3606.
1015A. <i>Senecio pampeanus</i> Cabrera	w	β -longilobine	CA 43:9076.
1016. <i>Senecio riddellii</i> Torr. & Gray var. <i>parksii</i> Cory	w	riddelliine	CA 43:9076.
1017. <i>Senecio paucicalyculatus</i> Klatt	w	isatidine	CA 44:3217.
	w	paucicaline	CA 44:3217.
	w	retrorsine	CA 44:3217.
	w	rosmarinine	CA 44:3217.
	w	unn.	Henry 602.
1018. <i>Senecio pauciliquulatus</i> A. Rich.	w	unn.	M-H I 162.
1019. <i>Senecio pedunculosus</i> Trautv.	w	N-oxidoplatyphylline	CA 46:2085.
1020. <i>Senecio platyphylloides</i> Somm. & Levier	w	N-oxidoseneciphylline	CA 46:2085.
1021. <i>Senecio platyphyllus</i> DC.	w	platyphylline	CA 43:280.
	w	senecephylline	CA 43:280.
	w	senecionine	Henry 602.
	w	retrorsine	Henry 602.
1022. <i>Senecio pseudo-arnica</i> Less.	w	senecionine	CI 1954:1386.
1023. <i>Senecio pterophorus</i> DC.	w	senecephylline	CI 1954:1386.
	w	othoseneine	CA 45:2960.
1024. <i>Senecio renardii</i> Winkl.	l	renardine	CA 45:2960.
	l	senecephylline	CA 45:2960.
	l	isatidine	Henry 601.
1025. <i>Senecio retrorsus</i> DC.	l	retrorsine	Henry 602.
1026. <i>Senecio riddellii</i> Torr. & Gray	l	riddelliine	Henry 602.

1027. <i>Senecio rosmarinifolius</i> L.		rosmarinine	Henry 602.
1028. <i>Senecio ruderatus</i> Harv.	w	retroserpine	CA 46:4910.
1029. <i>Senecio ruwenzoriensis</i> S. Moore	w	ruwenine	CA 48:5875.
1030. <i>Senecio sarracenicus</i> L.	w	ruzorine	CA 48:5875.
	w	sarracine	CA 47:12759.
	w	sarracine N-oxide	CA 47:12759.
1031. <i>Senecio scleratus</i> Schweicherdt		unn. (2)	Henry 602.
		isatidine	Henry 601.
		retroserpine	M-H I 110.
		rosmarinine	Henry 602.
1032. <i>Senecio spartioides</i> Torr. & Gray		scleratine	Henry 602.
1033. <i>Senecio squalidus</i> L.		seneциphylline	Henry 602.
1034. <i>Senecio stenocephalus</i> Maxim.	l	spartioidine	Henry 602.
1035. <i>Senecio sylvaticus</i> L.	w	seneционине	Henry 602.
1036. <i>Senecio taraxacifolius</i> DC.	w	squalidine	Henry 602.
1037. <i>Senecio thrysophorus</i> C. Koch	w	seneциphylline	Henry 602.
1038. <i>Senecio tomentosus</i> Michx.	w	silvasenecine	We 1252.
1039. <i>Senecio venosus</i> Harv.	w	unn.	I-R.
1040. <i>Senecio vernalis</i> Waldst. & Kit.	w	seнеционине	M-H I 162.
1041. <i>Senecio viscosus</i> L.	w	tomentosine	ACSJ 78:3513.
1042. <i>Senecio vulgaris</i> L.	w	retroserpine	ACSJ 78:3513.
	w	unn.	Henry 602.
	w	seнеционине	I-R.
	w	condoline	Henry 602.
	w	fuchsisenecionine	Sokolov 133.
	w	jacobine	Sokolov 133.
	w	othosenine	Sokolov 133.
	w	platyphylline	Sokolov 133.
	w	retroserpine	Sokolov 133.
	w	senecifolidine	Sokolov 133.
	w	senecifoline	Sokolov 133.
	w	senecine	Merek.
	w	seнеционине	Merek.
	sd	seneциphylline	Sokolov 133.
1043. <i>Senecio</i> spp.	sd	silvasenecine	Sokolov 133.
	sd	cytisine	CA 43:3016.
	sd	matrine	CA 43:3016.
		N-methylecytisine	CA 43:3016.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
1044. <i>Siegesbeckia orientalis</i> L.	w.	unn.	Webb 241.
1045. <i>Silybum marianum</i> (L.) Gaertn.	sd.	tyramine	M-H III 318.
1045A. <i>Solidago speciosa</i> Nutt.	l, s, fl, r	unn.	CA 50:10988.
1046. <i>Solidago virga-aurea</i> Auct.= <i>S. virgaurea</i> L.	l.	unn.	Wall 60. Archiv Pharm 272:673.
1047. <i>Sphaeranthus indicus</i> L.	w.	sphaeranthine	Henry 777.
1048. <i>Spilanthes acmella</i> (L.) Murr.	w.	unn.	Webb 268.
1049. <i>Spilanthes oleracea</i> Jacq.	l, s	spilanthine	Falck 3.
1049A. <i>Stizolophus balsamita</i> Cass.	l.	stizolophine	CA 48:696.
1050. <i>Synedrella nodiflora</i> (L.) Gaertn.	l.	unn.	Arthur.
1051. <i>Tagetes minuta</i> L. (<i>T. glandulifera</i> Schrank)	s, b.	unn.	Webb 268.
1052. <i>Taraxacum kok-saghyz</i> Rod.	r.	unn.	CA 50:393.
1053. <i>Tarchonanthus camphoratus</i> L.	l.	unn.	We 1219.
1054. <i>Tridax procumbens</i> L.	l, s.	unn.	Webb 268.
1055. <i>Verbesina encelioides</i> (Cav.) Benth. & Hook. f.	l, s, fl.	unn.	Webb 241.
1056. <i>Vernonia cinerea</i> Less.	l.	unn.	Webb 268.
1057. <i>Vernonia patula</i> Mart.	l.	unn.	Arthur.
1058. <i>Vittadinia pterochaeta</i> J. M. Black	l, s, fl.	unn.	Webb 268.
1059. <i>Vittadinia triloba</i> DC. (<i>V. australis</i> A. Rich.)	l, s, fl.	unn.	Webb 241, 268.
1060. <i>Wedelia asperrima</i> Benth.	l, fl.	unn.	Webb 241.
1061. <i>Wedelia biflora</i> (L.) DC.	l.	unn.	Arthur.
1062. <i>Xanthium pungens</i> Wallr.	l, r.	unn.	Webb 241.
1063. <i>Xanthium spinosum</i> L.	l.	unn.	Webb 232.
1063A. <i>Xanthium</i> sp.	l.	unn.	CA 53:8538.
1064. <i>Zinnia elegans</i> Jacq.	r, l.	anabasine	CA 49:12784.
	l.	nicotine	CA 49:12784.
	l.	noronicotine	CA 49:12784.
1065. <i>Zinnia linearis</i> Benth.	l.	unn.	We 1234.
1066. <i>Zinnia pauciflora</i> L.	l, s, fl.	unn.	Webb 241.

CONVOLVULACEAE

1067. <i>Argyreia nervosa</i> Boj.	s	unn	D-K.
1068. <i>Calonyction muricatum</i> G. Don	sd	unn	PPAJ 41:231.
1069. <i>Convolvulus calvertii</i> Boiss.	w	unn	CA 35:4154.
1070. <i>Convolvulus erinaceus</i> Ledeb.	w	unn	CA 35:4154.
1071. <i>Convolvulus hamadae</i> (Vved.) Petrov	r	cuscohygrine	Henry 67.
	r	hamadine	Henry 67.
	r	hygrine	Henry 67.
	w	unn	CA 35:4154.
1072. <i>Convolvulus korolkowii</i> Regel & Schmalh.	w	cuscohygrine	Orekhov 35.
1073. <i>Convolvulus lineatus</i> L.	sd	sankhpuspine	Henry 773.
1074. <i>Convolvulus pluricaulis</i> Choisy	sd	convolvamine	Henry 67.
1075. <i>Convolvulus pseudo-cantabrica</i> Schrenk	sd	convolvicine	Henry 67.
	sd	convolvidine	Henry 67.
		convolvine	Henry 67.
1076. <i>Convolvulus subhirsutus</i> Regel & Schmalh.	w	convolvamine	Sokolov 129.
	s	convolvicine	Sokolov 129.
	l, s	convolvidine	Sokolov 129.
	l, s, r	convolvine	Sokolov 129.
1077. <i>Convolvulus tschimganicus</i> Popov & Vved.	unn	unn	CA 35:4154.
1078. <i>Cuscuta</i> sp.	s	unn	Webb 241.
1079. <i>Evolvulus alsinoides</i> L.	l, s	unn	Webb 268.
1080. <i>Ipomoea calobra</i> Hill & F. Muell.	l, s, r	unn	Webb 241.
1081. <i>Ipomoea longiflora</i> (?) R. Br.	fr	unn	Webb 241.
1082. <i>Ipomoea plebeia</i> R. Br.	l, s, fr	unn	Webb 241, 268.
1083. <i>Ipomoea quamoclit</i> L.	l, b	unn	CA 44:2179.
	l, s, fr	unn	Wall 55.
	sd	unn	Henry 781.
	fr	unn	Webb 268.
1084. <i>Ipomoea sidaefolia</i> Choisy	l	unn	Arthur.
1085. <i>Ipomoea tuba</i> (?) G. Don (<i>I. grandiflora</i> (?) Lam.)	s	unn	D-K.
1086. <i>Jacquemontia tomentella</i> Hallier f.			
1087. <i>Porana volubilis</i> Burm. f.			

CORIARIACEAE

1088. <i>Coriaria myrtifolia</i> L.	l	unn	We 701.
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Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CORNACEAE			
1089. <i>Alangium hexapetalum</i> Lam.		unn	Klein 732.
1090. <i>Alangium lamarckii</i> Thw.	<i>sd</i>	akharkantine	BA 25:6211.
	<i>b</i>	alamarckine	CA 51:3090.
	<i>rb</i>	alangine	Henry 771.
	<i>rb</i>	alanginine	CA 45:10489.
	<i>b</i>	alangiums A and B	CA 45:10489.
		ankoline	BA 25:6211.
		bases B1, 2, 3, 4, 5	CA 52:7337.
		lamarckine	CA 25:6211.
1091. <i>Alangium sundanum</i> Miq.		unn	Klein 732.
1092. <i>Alangium villosum</i> Wangerin	<i>l</i> , <i>b</i> , <i>wd</i>	unn	Webb 241.
1092A. <i>Cornus florida</i> L.	<i>l</i> , <i>s</i>	unn	Wall 55.
1093. <i>Garrya buxifolia</i> A. Gray		unn	M-H V 309.
1094. <i>Garrya elliptica</i> Dougl.		unn	M-H V 309.
1095. <i>Garrya fremontii</i> Torr.	<i>r</i>	garryine	Merck.
1096. <i>Garrya laurifolia</i> Benth.	<i>b</i>	euachichicine	AC SJ 77:4801.
	<i>b</i>	garryfoline	AC SJ 77:6633.
	<i>b</i>	garryine	We 904.
	<i>b</i>	garryine	CJC 30:608.
	<i>b</i>	veatchine	CJC 30:608.
1097. <i>Garrya racemosa</i> Ramirez		unn	M-H V 309.
1098. <i>Garrya veatchii</i> Kellogg		garryine	Webb 232.
		unn	We 904.
		unn	We 904.
1099. <i>Garrya wrightii</i> Torr.			
1100. <i>Garrya</i> sp.			
1101. <i>Marlea rotundifolia</i> Hassk.			
1102. <i>Marlea tomentosa</i> Endl.			
CRASSULACEAE			
1103. <i>Sedum acre</i> L.	<i>w</i>	isopelletierine	CA 53:8186.
	<i>w</i>	nicotine	CJR 23B:165.
	<i>f</i>	sedamine	CJR 23B:165.
	<i>f</i>	sedinine	CA 53:645.
		sedinone	CA 53:645.

560571-61 6	1104. <i>Sedum maximum</i> Suter	<i>fl.</i>	sedridine	CA 50:5243.
	1105. <i>Sedum sarmenlosum</i> Bunge	<i>w.</i>	unn. (0)	CA 53:645.
			unn.	CA 48:11727.
1106. <i>Sedum sempervivoides</i> Fisch.		<i>w.</i>	methylisopelletierine	CA 43:6625.
			sedamine	Orekhov 80.
			unn.	CA 43:6625.
CRUCIFERAE			unn.	CA 48:11727.
	1107. <i>Aethionema elongatum</i> Boiss.		unn	
	1108. <i>Brassica nigra</i> Koch	<i>sd</i>	sinapine	CA 48:11727.
1109. <i>Brassica oleracea</i> L.		<i>l.</i>	narcotine	Henry 648.
			tyramine	CA 26:2799.
	1110. <i>Capsella bursa-pastoris</i> Medic.		cheirinine	Richter III 337.
1111. <i>Cheiranthes cheirii</i> L.		<i>sd</i>	cheiroline	Merck.
		<i>sd, l, fr, fl.</i>	cheiroline	We Sup 46.
	1112. <i>Erysimum arkansanum</i> Nutt.	<i>sd</i>	cheiroline	Henry 650.
1113. <i>Erysimum aureum</i> Bieb.		<i>sd</i>	cheiroline	Henry 649.
	1113A. <i>Erysimum crassipes</i> Fisch. & Mey.	<i>sd</i>	unn	CA 53:9574.
	1114. <i>Erysimum seodorovi-kassumovii</i>		unn	CA 52:1374.
1115. <i>Erysimum nanum</i> Boiss.		<i>sd</i>	cheiroline	We 416.
			erysoline	Henry 650.
	1116. <i>Erysimum perofskianum</i> Fisch. & Mey.		unn	CA 25:2521.
1117. <i>Iberis amara</i> L.		<i>l, s, fr, r.</i>	unn	Webb 268.
	1118. <i>Lepidium hyssopifolium</i> Desv.	<i>l, s, fl.</i>	unn	Webb 268.
	1119. <i>Lepidium virginicum</i> L.		lunarine	M-H V 316.
1120. <i>Lunaria annua</i> L.		<i>sd</i>	lunariamine	CA 51:6084.
		<i>sd</i>	lunaridine	CA 49:13262.
	1121. <i>Lunaria biennis</i> Moench.	<i>sd</i>	lunarine	CA 49:13262.
1122. <i>Rapistrum rugosum</i> All.		<i>l, s.</i>	unn	Webs 268.
	1123. <i>Sinapis alba</i> L.		sinapine	Klein 721.
CUCURBITACEAE				
1124. <i>Bryonia (Bryonopsis) alba</i> L.		<i>r.</i>	bryonicine	Webb 232.
	1125. <i>Bryonia (Bryonopsis) dioica</i> Jacq.	<i>r.</i>	bryonicine	Webb 232.
	1126. <i>Bryonia</i> sp.	<i>rh.</i>	bryonicine	Klein 750.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CUCURBITACEAE—Continued			
1127. <i>Bryonopsis (Bryonia) laciniosa</i> L.	<i>fr.</i>	unn	Webb 241.
1128. <i>Citrullus colocynthis</i> Schrad.	<i>fr.</i>	unn	Chopra.
1129. <i>Cucumis myriocarpus</i> Naud.	<i>w, fr.</i>	myriocarpine	Klein 750.
1130. <i>Ecballium elaterium</i> A. Rich.	<i>w.</i>	unn	Webb 241, 268.
1131. <i>Luffa operculata</i> Cogn.	<i>fr.</i>	luffanine	I-R.
1132. <i>Melothria cunninghamii</i> F. Muell.	<i>l, fr.</i>	unn	Merck.
1133. <i>Momordica charantia</i> L.		momordicine	Webb 268.
1134. <i>Momordica foetida</i> Schum.		unn	Henry 781.
CUNONIACEAE			
1135. <i>Ackama paniculata</i> Engl.	<i>b</i>	unn	Webb 241.
1136. <i>Aphanopetalum resinosum</i> Endl.	<i>l</i>	unn	Webb 268.
1137. <i>Ceratopetalum succirubrum</i> C. T. White	<i>b</i>	unn	Webb 241.
CYPERACEAE			
1138. <i>Carex brevicollis</i> DC.	<i>l, s.</i>	brevicoline	CA 52:3932.
	<i>l, s.</i>	unn. (3)	CA 52:9173.
1139. <i>Carex</i> sp.		unn	CA 48:11727.
1140. <i>Cyperus rotundus</i> L.	<i>r</i>	unn	BA 19:7306.
1141. <i>Cyperus scariosus</i> R. Br.	<i>r</i>	unn	BA 19:7306.
1142. <i>Kyllinga cylindrica</i> Nees	<i>w</i>	unn	Webb 268.
DICAPETALACEAE			
1143. <i>Dichapetalum cymosum</i> Engl.		trigonelline	Henry 7.
DILLENIACEAE			
1144. <i>Davilla rugosa</i> Poir.	<i>sd, l</i>	caffeine	Freise.

1145. <i>Hibbertia linearis</i> R. Br.	<i>l, s, r</i>	unn.	Webb 268.
DIOSCOREACEAE			
1146. <i>Dioscorea dregeana</i> (Kunth) Th. Dur. & Schinz	<i>rh</i>	unn.	Wall 363.
1147. <i>Dioscorea dumetorum</i> (Kunth) Pax = <i>D. triphylla</i> L. var. <i>dumetorum</i> (Kunth) R. Knuth.	<i>rh</i>	unn.	Wall 367.
1148. <i>Dioscorea hemicycla</i> Burkhill	<i>t</i>	unn.	Nature 177:935.
1149. <i>Dioscorea hirsuta</i> Blume	<i>rh</i>	dioscorine	Wall 363.
1150. <i>Dioscorea hispida</i> Dennst. = <i>D. triphylla</i> L. var. <i>reticulata</i> Prain & Burkhill.	<i>t</i>	dioscorine	Henry 91.
1151. <i>Dioscorea transversa</i> R. Br.	<i>l, s, r</i>	unn.	Henry 92.
1152. <i>Dioscorea</i> sp.	<i>rh</i>	unn.	Webb 241, 268.
1153. <i>Tamus communis</i> L.	<i>rh</i>	unn.	Wall 13.
DIPSACACEAE			
1154. <i>Cephalaria gigantea</i> (Ledeb.) Bobrov		unn.	CA 48:11727.
1155. <i>Cephalaria media</i> Litwinow		unn.	CA 43:2213.
1156. <i>Dipsacus azureus</i> Schrenk		gentianine	I-R.
1157. <i>Dipsacus strigosus</i> Willd.	<i>l, s, fl</i>	unn.	I-R.
1158. <i>Knautia heterotricha</i> C. Koch	<i>s</i>	unn.	Sokolov 132.
1159. <i>Scabiosa succisa</i> L.		sanguinarine	
EBENACEAE			
1160. <i>Diospyros australis</i> Hiern	<i>l</i>	unn.	Webb 241, 268.
1161. <i>Diospyros hebecarpa</i> A. Cunn.	<i>l, b</i>	unn.	Webb 268.
1162. <i>Maba geminata</i> R. Br.	<i>l</i>	unn.	Webb 241.
ELAEAGNACEAE			
1163. <i>Elaeagnus angustifolia</i> L.	<i>b</i>	eleagnin-	Henry 773.
	<i>b</i>	N-methyltetrahydroharmol	CA 51:8765.
1164. <i>Elaeagnus hortensis</i> Bieb.		tetrahydroharmol	CA 51:8765.
1165. <i>Elaeagnus latifolia</i> L.	<i>l, fr</i>	eleagnine	Henry 773.
1166. <i>Elaeagnus orientalis</i> L.		unn.	Webb 241, 268.
		eleagnine	Henry 773.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ELAEAGNACEAE—Continued			
1167. <i>Elaeagnus spinosa</i> L.	b	eleagnine	Henry 773.
1168. <i>Hippophaë rhamnoides</i> L.		hippopheine	Sokolov 127.
		unn. (2)	CA 41:1390.
ELAECARPACIAE			
1169. <i>Elaeocarpus brevipes</i> Merrill	l	unn	Arthur.
1170. <i>Elaeocarpus grandis</i> F. Muell.	b	unn	Webb 241.
1171. <i>Elaeocarpus johnsonii</i> F. Muell.	l, b	unn	Webb 241.
1172. <i>Sloanea woolssii</i> F. Muell.	l	unn	Webb 268.
EPACRIDACEAE			
1173. <i>Leucopogon juniperinus</i> R. Br.	l, s	unn	Webb 268.
EQUISETACEAE			
1174. <i>Equisetum arvense</i> L.	w	3-methoxypyridine	CA 37:576i.
	w	nicotine	M-H V 308.
	w	palustrine	Helv 32:2397.
1175. <i>Equisetum hyemale</i> L.	w	nicotine	M-H V 308.
	w	palustrine	Helv 32:2397.
1176. <i>Equisetum palustre</i> L.	w	equisetine	CA 44:9972.
	w	equisetonine	CA 44:9972.
	w	nicotine	CA 48:11439.
	w	palustridine	CA 48:11439.
	w	palustrine	CA 48:11439.
ERICACEAE			
1177. <i>Agauria salicifolia</i> Hook. f.	l, b	unn	CA 47:3280.
1178. <i>Calluna vulgaris</i> Salisb.	fl	ericodinine	Klein 733.
1179. <i>Rhododendron stenophyllum</i> Makino	l	unn	Arthur.
1180. <i>Vaccinium myrtillus</i> L.		unn	CA 48:11727.

ERYTHROXYLACEAE

1181. <i>Erythroxylon areolatum</i> L.	<i>l</i>	unn.	Henry 93.
1182. <i>Erythroxylon australe</i> F. Muell.	<i>l, fr, b</i>	unn.	Webb 241.
1183. <i>Erythroxylon coca</i> Lam.	<i>l</i>	benzoylegonine	Henry 93.
	<i>l</i>	benzoyltropine	Henry 93.
	<i>l</i>	cinnamylcocaine	Henry 93.
	<i>l</i>	cocaine	Henry 93.
	<i>l</i>	euscohygrine	Henry 93.
	<i>l</i>	dihydroxytropane	Henry 93.
	<i>l</i>	hygrine	Henry 93.
	<i>l</i>	β -hygrine	Henry 93.
	<i>l</i>	hygroline	Henry 93.
	<i>l</i>	methylcocaine	Henry 93.
	<i>l</i>	methylleconidine	Henry 93.
	<i>l, s, r</i>	nicotine	CA 53:5304.
	<i>l</i>	tropacocaine	Henry 93.
	<i>l</i>	α - and β -truxilline	Henry 93.
1184. <i>Erythroxylon ecarinatum</i> Ruiz & Pav.	<i>l, b</i>	unn.	Webb 241.
1185. <i>Erythroxylon lucidum</i> Moon	<i>l</i>	cocaine	We 601.
1186. <i>Erythroxylon monogynum</i> Roxb.	<i>l</i>	cinnamylcocaine	CA 32:8689.
1187. <i>Erythroxylon montanum</i> Wehmer	<i>l</i>	unn.	Henry 93.
1188. <i>Erythroxylon ovatum</i> Cav.	<i>l</i>	unn.	Henry 93.
1189. <i>Erythroxylon pulchrum</i> A. St. Hil.	<i>l</i>	unn.	Henry 93.
1190. <i>Erythroxylon retusum</i> Bauer	<i>l</i>	unn.	Henry 93.
1191. <i>Erythroxylon truxillense</i> Rusby	<i>l</i>	benzoylegonine	Henry 93.
	<i>l</i>	benzoyltropine	Henry 93.
	<i>l</i>	cinnamylcocaine	Henry 93.
	<i>l</i>	cocaine	Henry 93.
	<i>l</i>	euscohygrine	Henry 93.
	<i>l</i>	dihydroxytropane	Henry 93.
	<i>l</i>	hygrine	Henry 93.
	<i>l</i>	β -hygrine	Henry 93.
	<i>l</i>	hygroline	Henry 93.
	<i>l</i>	methylcocaine	Henry 93.
	<i>l</i>	methylleconidine	Henry 93.
	<i>l, s, r</i>	nicotine	CA 53:5304.
	<i>l</i>	tropacocaine	Henry 93.
	<i>l</i>	α - and β -truxilline	Henry 93.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
EUPHORBIACEAE			
1192. <i>Acalypha eremorum</i> Muell. Arg.	<i>l, s</i>	unn.	Webb 241.
1193. <i>Acalypha indica</i> L.		acalyphine.	We 674.
		triacetonamine	CA 32:4629.
		unn.	Webb 268.
1194. <i>Acalypha nemorum</i> Muell. Arg.	<i>l, s, r</i>	unn.	Webb 268.
1195. <i>Actephila mearsii?</i> C. T. White	<i>l, b</i>	unn.	Ann Pharm. Franc 16:15.
1196. <i>Alchornea cordifolia</i> Muell. Arg.	<i>s, r</i>	unn.	CA 47:5024.
1197. <i>Alchornea floribunda</i> Muell. Arg.	<i>s, r</i>	unn. yohimbine	Ann Pharm. Franc 16:15.
1198. <i>Alchornea hirtella</i> Benth.	<i>s, r</i>	yohimbine(?)	Ann Pharm. Franc 16:15.
1199. <i>Aleurites moluccana</i> Willd.	<i>sd</i>	unn.	Webb 241.
1200. <i>Baccaurea</i> sp.	<i>l, s</i>	unn.	Bisset 125.
1201. <i>Baloghia lucida</i> Endl.	<i>l, b</i>	unn.	Webb 268.
1202. <i>Claoxylon australe</i> Baill.	<i>l, fr</i>	unn.	Webb 241.
1203. <i>Claoxylon</i> sp.	<i>b</i>	unn.	Webb 241.
1203A. <i>Cnidoscolus (Jatropha) basiacantha</i> Pax		unn.	CA 53:3607.
1204. <i>Colebogyne ilicifolia</i> J. Sm. (<i>Alchornea ilicifolia</i> Muell. Arg.).	<i>l, s</i>	unn.	Webb 268.
1205. <i>Croton acronychioides</i> F. Muell.	<i>l, b</i>	unn.	Webb 241.
1206. <i>Croton arnemeticus</i> Muell. Arg.	<i>b</i>	unn.	Webb 241.
1207. <i>Croton insularis</i> Baill.	<i>l, b</i>	unn.	Webb 241.
1208. <i>Croton mina</i>	<i>l, s, r</i>	unn.	N-O.
1209. <i>Croton niveus</i> Jacq.	<i>b</i>	unn.	We 673.
1210. <i>Croton phebaloides</i> Muell. Arg.	<i>l, s</i>	unn.	Webb 268.
1211. <i>Croton sparsiflorus</i> Morong	<i>sd</i>	unn.	CA 36:5040.
1212. <i>Croton tiglium</i> L.	<i>sd</i>	ricinine.	Webb 232.
1213. <i>Croton verreauxii</i> Baill.	<i>l</i>	unn.	Webb 241.
1214. <i>Daphniphyllum bancanum</i> Kurz	<i>l, sd, b</i>	daphniphylline	Merck.
1215. <i>Daphniphyllum macropodium</i> Miq.	<i>b</i>	daphnimacrine	Henry 780.
1216. <i>Elaeophora abutaefolia</i> Ducke		unn.	Henry 372.

1217. <i>Elateriospermum tapos</i> Blume	<i>l.</i>	unn.	D-K.
1218. <i>Euphorbia eremophila</i> A. Cunn.	<i>w.</i>	unn.	Webb 268.
1219. <i>Euphorbia gerardiana</i> Jacq.		drummine.	Sokolov 234.
		unn.	CA 34:5878.
1220. <i>Euphorbia hirta</i> L. (<i>E. pilulifera</i> L.)	<i>w.</i>	xanthorhamnine.	CA 45:7306.
1221. <i>Euphorbia hypericifolia</i> L.	<i>w.</i>	unn.	We 699.
1222. <i>Euphorbia orientalis</i> L.	<i>w.</i>	unn.	CA 48:11727.
1223. <i>Euphorbia peplus</i> L.	<i>w.</i>	unn.	Webb 241.
1224. <i>Euphorbia pilulifera</i> L.	<i>l.</i>	unn.	We 699.
1225. <i>Euphorbia virgata</i> Waldst. & Kit.	<i>l.</i>	unn.	CA 34:5878.
1226. <i>Excoecaria bicolor</i> Hassk.	<i>l, s.</i>	unn.	D-K.
1227. <i>Excoecaria dallachiana</i> Benth.	<i>fr.</i>	unn.	Webb 241.
1228. <i>Excoecaria parvifolia</i> Muell. Arg.	<i>l, s.</i>	unn.	Webb 268.
1229. <i>Flueggea leucopyrus</i> (<i>Securinega leucopyrus</i>) Willd.	<i>l.</i>	unn.	Webb 241.
1230. <i>Flueggea virosa</i> Baill.	<i>b, rb.</i>	flueggeine.	CA 49:16345.
	<i>b, rb.</i>	unn.	CA 49:16345.
	<i>l, b.</i>	unn.	Webb 241.
1231. <i>Fontainea picrosperma</i> C. T. White		cusparine.	Sokolov 125.
1232. <i>Garcia nutans</i> Rohr		unn.	Bisset 125.
1233. <i>Gelonium</i> spp.		unn.	Webb 241.
1234. <i>Hemicyclia australasica</i> Muell. Arg.	<i>b, l, wd.</i>	physostigmine(?)	BA 30:8572.
1235. <i>Hippomane mancinella</i> L.	<i>fr.</i>	unn.	D-K.
1236. <i>Jatropha curcas</i> L.	<i>l, s.</i>	jatrophine.	Merck.
1237. <i>Jatropha gossypifolia</i> L.	<i>b.</i>	mieranthe.	CA 53:3607.
1237A. <i>Jatropha macrantha</i> Muell. Arg.	<i>w.</i>	unn.	CA 49:1886.
1238. <i>Jatropha (Cnidoscolus) texana</i> Muell. Arg.	<i>r.</i>	unn.	Wall 15.
1239. <i>Jatropha</i> sp.	<i>r.</i>	unn.	We 668.
1240. <i>Joannesia heveoides</i> Ducke	<i>fr.</i>	unn.	N-O.
1241. <i>Julocrotton camporum</i> Chod. & Hassl.	<i>r.</i>	yulocrotine.	Henry 781.
1242. <i>Julocrotton montevensis</i> Klotzsch.	<i>r.</i>	yulocrotine.	N-O.
1243. <i>Julocrotton subpannosus</i> Muell. Arg.	<i>r.</i>	yulocrotine.	Webb 241.
1244. <i>Macaranga tanarius</i> Muell. Arg.	<i>fr.</i>	unn.	Arthur.
1245. <i>Macaranga triloba</i> Muell. Arg.	<i>l.</i>	unn.	Webb 268.
1246. <i>Mallotus paniculatus</i> Muell. Arg.	<i>l.</i>	unn.	Webb 241.
1247. <i>Mallotus philippinensis</i> Muell. Arg.	<i>l, s.</i>	unn.	Bisset 125.
1248. <i>Mallotus subpellatus</i> Muell. Arg.	<i>l, s.</i>	unn.	Bisset 125.
1249. <i>Melanolepis multiglandulosa</i> (Reinw.) Reichb. f. & Zoll.	<i>tu.</i>	mercurialine.	Sokolov 125.
1250. <i>Mercurialis annua</i> L.	<i>rb.</i>	unn.	CA 32:2288.
1251. <i>Mercurialis perennis</i> L.		unn.	Webb 241.
1252. <i>Petalostigma quadriloculare</i> F. Muell.			

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
EUPHORBIACEAE—Continued			
1253. <i>Phyllanthus corcovadensis</i> Muell. Arg.	r	unn.	BA 5:2106.
1254. <i>Phyllanthus gasstroemii</i> Muell. Arg.	l, s	unn.	Webb 241.
1255. <i>Phyllanthus thesioides</i> Benth.	w	unn.	Webb 241.
1256. <i>Phyllanthus urinaria</i> L.		unn.	Webb 232.
1257. <i>Phyllanthus</i> sp.	r	unn.	Webb 268.
1258. <i>Putranjiva roxburghii</i> Wall.	fr	unn.	CA 26:612.
1259. <i>Ricinus communis</i> L.	l, sd	ricinine	Henry 5.
1260. <i>Ricinus zanzibarensis</i> Hort.	l, sd	ricinine	Klein 765.
1261. <i>Sapium klotzschianum</i> Huber		sapinine	CA 48:1490.
1262. <i>Sarcococca pruniformis</i> Lindl.	l	unn.	M-H V 321.
1263. <i>Securinega suffruticosa</i> (Pall.) Rehder	l	securinine	CA 50:17335.
1264. <i>Stillingia sylvatica</i> L.		apocinine	Sokolov 125.
		echine.	Sokolov 125.
		stillingine	Sokolov 125.
FAGACEAE			
1264A. <i>Fagus grandifolia</i> Ehrh.	l, s	unn.	Wall 55.
FLACOURTIACEAE			
1265. <i>Casearia dallachii</i> F. Muell.	l, b	unn.	Webb 268.
1266. <i>Casearia multinervosa</i> Sleumer & White	l, s	unn.	Webb 268.
1267. <i>Casearia sylvestris</i> Sw.	l	unn.	CA 44:10813.
1268. <i>Homalium alnifolium</i> F. Muell. (<i>H. vitiense</i> Benth.)	b	unn.	Webb 268.
1269. <i>Ryania acuminata</i> Spruce		unn.	Henry 782.
1270. <i>Ryania pyrifera</i> (L. C. Rich.) Witt. & Sleum.		unn.	Henry 782.
1271. <i>Ryania sagotiana</i> Eichl.		unn.	Henry 782.
1272. <i>Ryania speciosa</i> Vahl	s, r	ryanodine	CA 43:812.
1273. <i>Ryania subuliflora</i> = <i>R. speciosa</i> var. <i>subuliflora</i> (Sandw.) Monach.		unn.	Henry 782.
1274. <i>Ryania tomentosa</i> Miq.		unn.	Henry 782.

FLAGELLARIACEAE

1275. *Flagellaria indica* L.*l, s*

unn

Webb 268.

GENTIANACEAE

1276. *Centaurium umbellatum* Gilib.PAH 26:259.
CA 48:11727.1277. *Centaurium* sp.

CA 51:9641.

1278. *Enicostema littorale* Blume

Henry 774.

1279. *Erythraea centaurium* Pers.

Orekhov 115.

1280. *Gentiana asclepiadea* L.

CA 46:689.

1281. *Gentiana axillarisflora* Léveille & Vaniot

CA 46:689.

1282. *Gentiana kirilowii*

CA 51:6089.

1283. *Gentiana lutea* L.

M-H V 310.

1283A. *Gentiana macrophylla* Pall.

CA 46:689.

1284. *Gentiana olivieri* Griseb.

CA 53:8310.

1285. *Gentiana pneumonanthe* L.

CA 53:8310.

1286. *Gentiana purpurea* L.

Orekhov 11b.

1287. *Gentiana scabra* Bunge

CA 49:2677.

1288. *Limnanthemum humboldtianum* Griseb.

CA 46:689.

1289. *Menyanthes trifoliata* L.

CA 46:689.

1290. *Swertia japonica* Makino

CA 51:6089.

1291. *Swertia lactea* Bunge

CA 46:3219.

1292. *Swertia marginata* Schrenk

CA 46:689.

CA 51:6089.

CA 35:4154.

CA 35:4154.

GERANIACEAE

1293. *Biebersteinia multifida* DC.

CA 48:11727.

1294. *Erodium cicutarium* L'Herit.

BA 26:32290.

1295. *Erodium cygnorum* Nees

CA 51:18483.

1296. *Geranium molle* L.

Webb 268.

BA 26:22504.

*w**w**l, s, fl*

unn

caffiene

tyramine

unn

unn

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
GESNERIACEAE			
1297. <i>Ramondia pyrenaica</i> Rich.	<i>l</i>	unn.	Henry 782.
GNETACEAE			
1298. <i>Ephedra alata</i> Decne.		ephedrine	M-H III 341.
1299. <i>Ephedra alenda</i> (Stapf) Andreanszky		ψ-ephedrine	M-H III 341.
1300. <i>Ephedra altissima</i> Desf.		ψ-ephedrine	Henry 635.
1301. <i>Ephedra americana</i> Humb. & Bonpl.	<i>w</i>	ephedrine	M-H III 341.
1302. <i>Ephedra antisiphilitica</i> Berland.		ephedrine	CA 34:1127.
1303. <i>Ephedra californica</i> S. Wats.		ephedrine	M-H III 341.
1304. <i>Ephedra ciliata</i> Fisch. & Mey.		ψ-ephedrine	We Sup 80.
1305. <i>Ephedra distachya</i> L.	<i>s</i>	unn.	Orekhov 672.
1306. <i>Ephedra equisetina</i> Bunge	<i>l, s</i>	ephedrine	CA 35:4154.
1307. <i>Ephedra fragilis</i> Desf.	<i>w</i>	ψ-ephedrine	CA 49:10442.
1308. <i>Ephedra gerardiana</i> Wall.	<i>l, s</i>	ψ-ephedrine	Merck.
1309. <i>Ephedra gracilis</i> R. Phil.		ephedrine	Orekhov 672.
1310. <i>Ephedra helvetica</i> C. A. Mey.	<i>w</i>	ψ-ephedrine	CA 34:1127.
1311. <i>Ephedra intermedia</i> Schrenk & C. A. Mey.		ephedrine	BA 21:1849.
1312. <i>Ephedra monosperma</i> S. G. Gmel.		ψ-ephedrine	CA 47:2937.
1313. <i>Ephedra monostachya</i> L.		ephedrine	CA 47:2937.
1314. <i>Ephedra nebrodensis</i> Tineo	<i>w</i>	ψ-ephedrine	Henry 634.
		ephedrine	Henry 635.
		ψ-ephedrine	M-H III 341.
		ephedrine	Orekhov 672.
		ψ-ephedrine	Orekhov 672.
		ephedrine	Orekhov 672.
		ψ-ephedrine	Orekhov 672.
		monephedrine	Orekhov 672.
		ephedrine	Orekhov 672.
		ψ-ephedrine	Merck.
			M-H III 341.
			M-H III 341.

1315. <i>Ephedra pachyclada</i> Boiss.		w-	unn ψ-ephedrine ephedrine ψ-ephedrine N-methyl-ψ-ephedrine N-methylephedrine unn ephedrine unn ephedrine ψ-ephedrine ephedrine ephedrine ψ-ephedrine ephedrine ψ-ephedrine ephedrine ψ-ephedrine N-methylephedrine norephedrine unn	M-H III 341. CA 34:1127. Henry 563. Henry 563. Henry 566. Henry 565. CA 35:4154. BA 27:33004 BA 24:30938 Orekhov 672. Orekhov 672. BA 27:33004. Orekhov 672. Orekhov 672. We Sup 80. CA 45:7206. We Sup 80. We Sup 80. Webb PS.
1316. <i>Ephedra procera</i> C. A. Mey.		w-		
1317. <i>Ephedra sinica</i> Stapf		w-		
1318. <i>Ephedra strobilacea</i> Bunge		w-		
1319. <i>Ephedra triandra</i> Tul.		w-		
1320. <i>Ephedra trifurca</i> Torr.		w-		
1321. <i>Ephedra tweediana</i> C. A. Mey.		w-		
1322. <i>Ephedra viridis</i> Coville		w-		
1323. <i>Ephedra vulgaris</i> L. C. Rich.		w-		
1323A. <i>Gnetum</i> sp.		w-		
GOODENIACEAE				
1324. <i>Dampiera stricta</i> R. Br.		w-	unn	Webb 241.
1325. <i>Goodenia bellidifolia</i> Sm.		w-	unn	Webb 241.
1326. <i>Goodenia grandiflora</i> Sims		l-	unn	Webb 268.
1327. <i>Goodenia aff. hederacea</i> Sm.		r	unn	Webb 241.
1328. <i>Goodenia rotundifolia</i> R. Br.		w-	unn	Webb 241.
1329. <i>Goodenia</i> sp.		w-	unn	Webb 268.
1330. <i>Scaevola aemula</i> R. Br.		l, s-	unn	Webb 241.
1331. <i>Scaevola frutescens</i> (Mill.) Krause (<i>S. koenigii</i> Vahl).		l, b-	unn	Webb 241.
GRAMINEAE				
1332. <i>Alopecurus textilis</i> Boiss.			unn	CA 48:11727.
1333. <i>Alopecurus ventricosus</i> Pers.			unn	CA 48:11727.
1334. <i>Andropogon sorghum</i> Brot. = <i>Sorghum vulgare</i> Pers.		l,	hordenine	CA 14:3096.
1334A. <i>Aristida oligantha</i> Michx.		l, r-	unn	Wall 55.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
GRAMINEAE—Continued			
1335. <i>Arundo donax</i> L.	<i>l</i>	donaxarine	LCSJ 1937:1927.
	<i>l</i>	gramine	Henry 484.
	<i>l, s</i>	unn	Wall 55.
	<i>sd</i>	ergothioneine	JBC 218:647.
	<i>l</i>	hordenine	CA 14:3096.
	<i>sd</i>	trigonelline	LCSJ 88 II:52.
	<i>w</i>	unn	Webb 268.
1336. <i>Avena sativa</i> L.	<i>w</i>	unn	Webb 268.
1337. <i>Chloris virgata</i> Sw.			
1338. <i>Echinochloa crus-galli</i> (L.) Beauv. (<i>Panicum crus-galli</i> L.)			
1339. <i>Eleusine indica</i> (L.) Gaertn.	<i>w</i>	unn	Webb 268.
1340. <i>Festuca elatior</i> L.	<i>l</i>	peroline	M-H V 316.
1341. <i>Hordeum murinum</i> L.	<i>r</i>	hordenine	BA 14:16731.
1342. <i>Hordeum sativum</i> Pers.= <i>H. vulgare</i> L.	<i>l</i>	hordenine	CA 14:3096.
1343. <i>Hordeum vulgare</i> L.	<i>r</i>	N-methyltyramine	CA 44:9521.
	<i>l</i>	gramine	Henry 484.
	<i>r</i>	hordenine	Henry 633.
	<i>r</i>	N-methyltyramine	CA 49:1880.
1344. <i>Imperata cylindrica</i> (L.) Beauv.	<i>l</i>	unn	Arthur.
1345. <i>Lolium cuneatum</i> Nevsiki	<i>sd</i>	lolaine	CA 50:7117.
1346. <i>Lolium multiflorum</i> Lam.	<i>sd</i>	lolainidine	JOC 23:919.
1347. <i>Lolium perenne</i> L.	<i>r</i>	annuloline	M-H V 316.
	<i>l</i>	peroline	Henry 749.
	<i>l</i>	perolidine	Henry 749.
	<i>l</i>	peroline	Nature 182:1734.
1348. <i>Lolium persicum</i> Boiss. & Hohen.	<i>l</i>	α -picoline	CA 48:11727.
1349. <i>Lolium temulentum</i> L.	<i>l</i>	unn	Webb 232.
	<i>l</i>	lolaine	M-H V 316.
	<i>l</i>	peroline	Webb 232.
	<i>l</i>	temulentine	Webb 232.
1350. <i>Lolium</i> sp.	<i>l</i>	temuline	Webb 232.
	<i>l</i>	unn	CA 36:603.

1351. <i>Oryza sativa</i> L.	<i>l</i>	hordenine	CA 14:3096.
	<i>sd</i>	stachydrine	Klein 760.
	<i>sd</i>	trigonelline	Klein 760.
	<i>l</i>	hordenine	CA 14:3096.
1352. <i>Panicum frumentaceum</i> Roxb. = <i>Echinochloa crus-galli</i> var. <i>frumentacea</i> (Roxb.) W. F. Wight.			We 74.
1353. <i>Panicum italicum</i> L. = <i>Setaria italica</i> (L.) Beauv.	<i>l</i>	unn	Plant P. 33:334.
1354. <i>Panicum miliaceum</i> L.	<i>sl</i>	hordenine	LCSJ 1958:2079.
1355. <i>Phalaris arundinacea</i> L.	<i>l</i>	hordenine	LCSJ 1958:2079.
	<i>l</i>	5-methoxy-N-methyltryptamine	LCSJ 1958:2079.
1357. <i>Setaria lutescens</i> Hubbard	<i>l</i>	unn	M-II V 316.
1358. <i>Sorghum vulgare</i> Pers.	<i>l</i>	perfoline	M-II III 320.
1359. <i>Trichachne vestita</i> (Kunth) Kuhlm.	<i>w</i>	hordenine	CA 46:9264.
1360. <i>Zea mays</i> L.	<i>l</i>	tricachnine	CA 14:3096.
	<i>sd</i>	hordenine	CA 42:2728.
		unn	KAS 16:14.
GUTTIFERAE			
1361. <i>Garcinia</i> sp.	<i>sd</i>	unn	Bisset 125.
1362. <i>Harouya paniculata</i> Lodd.	<i>l, fr</i>	unn	Webb 268.
1363. <i>Hypericum perforatum</i> L.		unn	CA 34:5878.
1364. <i>Hypericum</i> sp.		unn	CA 48:11727.
1365. <i>Vismia robusta</i>		unn	We 785.
HAEMODORACEAE			
1366. <i>Haemodorum planifolium</i> R. Br.	<i>w</i>	unn	Webb 241.
HALORAGACEAE			
1367. <i>Haloragis tetragyna</i> Hook. f.	<i>r</i>	unn	Webb 241.
HELOTIACEAE			
1368. <i>Sclerotinia libertiana</i> Sclk. (<i>S. sclerotiorum</i> (Lib.) Massec).	<i>my</i>	unn	CA 45:2099.
HELVELLACEAE			
1369. <i>Helvella esculenta</i> Fr.	<i>sp</i>	unn	CA 28:1468.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
HERNANDIACEAE			
1370. <i>Gyrocarpus americanus</i> Jacq.	b	magnocurarine	CA 48:2731.
	l, b	phaeanthine	CA 48:2731.
	b	unn.	Webb 268.
1371. <i>Gyrocarpus asiaticus</i> Willd.	b	unn.	Ber 23:3537.
1372. <i>Hernandia bivalvis</i> Benth.	l, w, b	unn.	Webb 241.
1373. <i>Hernandia ovigera</i> L.		chondodendrine	Sokolov 120.
1374. <i>Hernandia pellata</i> Meissn.	l, b, fr	unn.	Webb 241.
1375. <i>Hernandia sonora</i> L.		unn.	Klein 710.
1376. <i>Illigera pulchra</i> Blume		laurotetanine	Sokolov 120.
1377. <i>Valvanthera albiflora</i> C. T. White	l	unn.	Webb 268.
HIMANTANDRACEAE			
1378. <i>Galbulimima baccata</i> F. M. Bailey	l, b	unn.	Webb 241, 268.
1379. <i>Galbulimima</i> sp.		unn.	Webb PS.
1380. <i>Himantandra baccata</i>	b	himandridine	CA 50:15561.
	b	himandrine	CA 50:15561.
	b	himbacine	CA 50:15561.
	b	himbadine	CA 50:15561.
	b	himbosine	CA 50:15561.
	b	himgravine	CA 50:15561.
	b	himandrvine	CA 50:15561.
	b	himandreline	CA 50:15561.
	b	himandrine	CA 50:15561.
	b	himbacine	CA 50:15561.
	b	himbeline	CA 50:15561.
	b	himgrine	CA 50:15561.
HIPPOCRATEACEAE			
1382. <i>Hippocratea indica</i> Willd.	l	unn.	We 724.
1383. <i>Salacia brachypoda</i> Poir.	sd	unn.	CA 30:6040.
1384. <i>Salacia brunoniana</i> Wight & Arn.		unn.	We 725.

1385. *Salacia buddinghii* Scheff.
 1386. *Salacia macrophylla* Blume

HYPOCREACEAE

1387. *Claviceps litoralis* Kawatami

1388. *Claviceps paspali* F. L. Stevens & Hall

1389. *Claviceps purpurea* (Fr.) Tul.

		unn	We 725.
		unn	We 725.
scl	ergoheptine		Pharmazie 11:110.
scl	ergohexine		Pharmazie 11:110.
scl	irgokryptine		Pharmazie 11:110.
scl	ergosine		Pharmazie 11:110.
scl	unn		Webb 232.
scl	agroclavine		CA 46:3218.
scl	alkaloid Me 87		Pharmazie 11:110.
scl	alkaloid X		CA 49:6974.
scl	chanoclavine		CA 52:3830.
scl	costaclavine		CA 51:11365.
scl	dihydroagroclavine		CA 49:6974.
scl	elymoclavine		CA 50:16799.
scl	ergocornine		Henry 520.
scl	ergocorninine		Henry 520.
scl	ergocrinine		Henry 520.
scl	ergocrinine		Henry 520.
scl	ergokryptine		Henry 520.
scl	ergokryptinine		Henry 520.
scl	ergometrinine		Henry 520.
scl	ergometrinine		Henry 520.
scl	ergosine		Henry 520.
scl	ergosinine		Henry 520.
scl	ergotamine		Henry 520.
scl	ergotaminine		Henry 520.
scl	ergothioneine		M-H III 202.
scl	ergotinine		Henry 520.
scl	ψ -ergotinine		Henry 520.
scl	ergotoxine		Henry 520.
scl	issopenniclavine		CA 52:3830.
scl	isozetoclavine		CA 52:3830.
scl	molliclavine		CA 50:16799.
scl	penniclavine		CA 50:16799.
scl	pilocarpine		Orekhov 641.
scl	pileosine		Orekhov 641.
scl	pyroclavine		CA 51:11365.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
HYPocreaceae—Continued			
1389. <i>Claviceps purpurea</i> (Fr.) Tul.—Continued	scl	setoclavine	CA 52:3830.
	scl	sporine	Orekhov 627.
	scl	triseoclavine	CA 50:16799.
	scl	tyramine	CA 52:15838.
	scl	unn	M-H III 318.
	scl	unn	CA 52:3261.
			Naturw 46:7.
Icacinaceae			
1390. <i>Apodytes brachystylis</i> F. Muell.	l, b	unn	Webb 268.
1391. <i>Gonocaryum pyriforme</i> Scheff.	l, s, sd	unn	Bisset 125.
1392. <i>Villaresia congonha</i> Miers	l	caffeine	Freise.
1393. <i>Villaresia mucronata</i> Ruiz & Pavon	l	caffeine	Freise.
Iridaceae			
1394. <i>Crocus sativus</i> L.	t	colchicine	CA 47:12537.
	t	desmethylcolchicine	CA 47:12537.
		N-formyldesacetylcolchicine	CA 47:12537.
1395. <i>Gladiolus kotschyianus</i> Boiss.		unn	CA 48:11727.
1396. <i>Homeria pallida</i> Baker	w	unn	CA 18:2909.
1397. <i>Iris caucasica</i> Hoffm.		unn	CA 48:11727.
1398. <i>Iris elegantiissima</i> Sosn.		unn	CA 48:11727.
1399. <i>Iris iberica</i> Stev.		unn	CA 48:11727.
1400. <i>Sisyrinchium micranthum</i> Cav.	w	unn	Webb 241.
Krameriaceae			
1401. <i>Krameria triandra</i> Ruiz & Pavon		ratanine	Sokolov 122.

LABIATAE

1402. <i>Ajuga chia</i> Schreb.	w	unn.	Henry 779.
1403. <i>Anisomeles malabarica</i> R. Br.	l	unn.	Henry 779.
1404. <i>Dysophyllea auriculata</i> Blume.	l	unn.	Arthur.
1405. <i>Galeopsis grandiflora</i> Roth.	l	stachydrine.	M-H I 102.
1406. <i>Hyptis brevipes</i> Poit.	l	unn.	Arthur.
1407. <i>Lagochilus hirtus</i> Fisch. & Mey.		stachydrine.	Farmakologija i Toksi-kologija (Moscow) 20:44.
1408. <i>Lagochilus inebrians</i> Bunge.		lagochiline.	Sokolov 130.
1409. <i>Lallemantia iberica</i> Fisch. & Mey.		unn.	CA 48:11727.
1410. <i>Lallemantia peltata</i> Fisch. & Mey.		unn.	CA 48:11727.
1411. <i>Leonurus cardiaca</i> L.	l, s, fl.	stachydrine.	BA 26:22505.
1412. <i>Leonurus (Panzeria lanatus</i> Bunge) <i>lanatus</i> Pers.	w	unn.	Wall 55.
1413. <i>Leonurus sibiricus</i> L.		leonurine.	CA 43:5548.
1414. <i>Leonurus tataricus</i> L.	l	leonurinine.	Henry 781.
1415. <i>Leucas aspera</i> Link.	l, s, sd	unn.	Sokolov 130.
1416. <i>Marrubium parviflorum</i> Fisch. & Mey.		unn.	CA 43:5548.
1416A. <i>Marrubium vulgare</i> L.	l, s, fl, r	unn.	CA 42:6493.
1417. <i>Marrubium</i> sp.	w	unn.	I-R.
1418. <i>Mentha satureioides</i> R. Br.		unn.	CA 53:3597.
1419. <i>Micromeria eugeniooides</i> Hieron.		unn.	Wall 60.
1420. <i>Moschosma polystachyum</i> Benth.	l, s, fl.	unn.	CA 48:11727.
1421. <i>Ocimum sanctum</i> L.	w	unn.	Webb 41.
1422. <i>Orthosiphon pallidus</i> Benth.	w	unn.	N-O.
1423. <i>Orthosiphon stamineus</i> Benth.	l	unn.	Webb 268.
1424. <i>Prostanthera euphrasiooides</i> Benth.	l, s	unn.	Webb 241.
1425. <i>Prostanthera leichhardtii</i> Benth.	l	unn.	APAJ 45:595.
1426. <i>Prostanthera nivea</i> A. Cunn.	w	unn.	Henry 781.
1427. <i>Salvia plebeia</i> R. Br.	l, s	unn.	Webb 241.
1428. <i>Salvia</i> sp.		unn.	Webb 241.
1429. <i>Stachys alopecuros</i> Benth.		stachydrine.	Webb 268.
1430. <i>Stachys alpina</i> L.		stachydrine.	CA 48:11727.
1431. <i>Stachys annua</i> L.		stachydrine.	We Sup 195.
1432. <i>Stachys balansae</i> Boiss. & Kotschy		stachydrine.	We Sup 195.
1433. <i>Stachys coccinea</i> Jacq.		unn.	CA 53:647.
		stachydrine.	We Sup 195.

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TB-1234 (1961)

ALKALOID-BEARING PLANTS AND THEIR CONTAINED ALKALOIDS

HILLAHAN, J. J.

SCHUBERT, B. G.

USDA TECHNICAL BULLETINS

UPDATES

2 OF 3

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LABIATAE—Continued			
1434. <i>Stachys germanica</i> L.		stachydrine	We Sup 195.
1435. <i>Stachys jacquinii</i> Fritsch		stachydrine	We Sup 195.
1436. <i>Stachys lanata</i> Jacq.	w	stachydrine unn	CA 53:647. CA 51:3924.
1437. <i>Stachys (Betonica) officinalis</i> Franch.		betonicine stachydrine turicine	M-H I 103. M-H I 101. M-H I 103.
1438. <i>Stachys palustris</i> L.		stachydrine	We Sup 195.
1439. <i>Stachys recta</i> L.		stachydrine unn	We Sup 195. CA 34:5878.
1440. <i>Stachys sericea</i> Cav.		stachydrine	We Sup 195.
1441. <i>Stachys sieboldii</i> Miq.		stachydrine betonicine	We Sup 195. M-H I 103.
1442. <i>Stachys sylvatica</i> L.		stachydrine trigonelline turicine	We Sup 195. Sokolov 130. M-H I 103.
1443. <i>Stachys tuberifera</i> Naudin	r	stachydrine	M-H I 101.
1444. <i>Stachys</i> spp.		trigonelline	Henry 7.
1445. <i>Teucrium argutum</i> R. Br.	l, s, fl	unn	Webb 268.
1446. <i>Teucrium integrifolium</i> Benth.	l, s, r	unn	Webb 268. CA 47:822.
1447. <i>Teucrium marum</i> L.		unn	I-R.
1448. <i>Teucrium polium</i> L.	w	unn	Wall 60.
1448A. <i>Trichostema dichotoma</i> L.	l, s, r	unn	CA 48:11727.
1449. <i>Ziziphora media</i> Link		unn	
LAURACEAE			
1450. <i>Actinodaphne hookeri</i> Meissn.	b	actinodaphnine	Henry 322.
1451. <i>Actinodaphne procera</i> Nees		laurotetanine	M-H IV 125.
1452. <i>Actinodaphne</i> sp.	wd	unn	Webb PS.
1453. <i>Aniba duckei</i> Kosterm.	wd	anibine	ACSJ 79:4507.
1454. <i>Aniba rosaeodora</i> Ducke		anibine	ACSJ 79:4507.

1455. <i>Beilschmiedia bancroftii</i> J. F. Bailey & C. T. White.	<i>l, b, fr.</i>	unn.	Webb 241, 268.
1456. <i>Beilschmiedia obtusifolia(?)</i> Benth.	<i>b.</i>	unn.	Webb 241.
1457. <i>Cassytha filiformis</i> L.		laurotetanine	Webb 232.
1458. <i>Cassytha pomiformis</i> Nees.	<i>s.</i>	unn.	RSWAJ 41:1 (1958).
1459. <i>Cassytha</i> spp.	<i>b.</i>	unn.	Webb 241, PS.
1460. <i>Cinnamomum laubatii</i> F. Muell.	<i>b.</i>	unn.	Webb 241.
1461. <i>Cinnamomum oliveri</i> F. M. Bailey	<i>l, b.</i>	unn.	Webb 241, 268.
1462. <i>Cryptocarya angulata</i> C. T. White.	<i>b.</i>	3, 4-dimethoxy-1-(dimethyl-aminoethyl)-phenanthrene.	CA 49:3212.
		isocorydine.	CA 49:3212.
		N-methylisocorydine.	CA 49:3212.
		roemerine.	Webb 268.
1463. <i>Cryptocarya australis</i> Benth.	<i>l, b.</i>	unn.	Merck.
1464. <i>Cryptocarya bowiei</i> Druce.	<i>b.</i>	cryptocarpine.	Webb 241.
	<i>i, b.</i>	unn.	CA 47:12399.
	<i>b.</i>	cryptoastoline.	CA 47:12399.
	<i>b.</i>	cryptowoline.	CA 47:6954.
	<i>b.</i>	unn. (2)	Webb 241, 268.
		unn.	Webb 241, 268.
1465. <i>Cryptocarya cinnamomifolia</i> Benth.	<i>fr, b.</i>	unn.	Webb 268.
1466. <i>Cryptocarya erythroxyylon</i> Maiden & Betche.	<i>l, b, fr.</i>	unn.	Webb 268.
1467. <i>Cryptocarya foeculata</i> C. T. White.	<i>l, b.</i>	unn.	Webb 268.
1468. <i>Cryptocarya glaucescens</i> R. Br.	<i>l, b.</i>	unn.	Webb 241.
1469. <i>Cryptocarya hypospodia</i> F. Muell. (<i>C. obovata</i> var. <i>tropica</i>).	<i>b.</i>	unn.	Webb 268.
1470. <i>Cryptocarya</i> sp. nov. aff. <i>hypospodia</i> .	<i>b.</i>	unn.	Webb 268.
1471. <i>Cryptocarya mackinnoniana</i> F. Muell.	<i>b.</i>	unn.	Webb 268.
1472. <i>Cryptocarya meisneri</i> F. Muell.	<i>l, b.</i>	unn.	Webb 268.
1473. <i>Cryptocarya obovata</i> R. Br.	<i>l, b.</i>	unn.	CA 42:7490.
1474. <i>Cryptocarya pleurosperma</i> C. T. White.	<i>l,</i> <i>l, b.</i>	cryptopleurine. pleurospermine.	AJC 12:90.
	<i>b.</i>	unn.	Webb 241.
1475. <i>Cryptocarya pretiosa</i> Mart.	<i>b.</i>	unn.	We 351.
1476. <i>Cryptocarya tomentosa</i> Blume.	<i>b.</i>	laurotetanine	We Sup 63.
1477. <i>Cryptocarya triplinervis</i> R. Br.	<i>b.</i>	3, 4-dimethoxy-1-(dimethyl-aminoethyl)- phenanthrene.	CA 49:3212.
		roemerine.	Klein 710.
1479. <i>Dehaasia firma</i> Blume.	<i>l, b.</i>	unn.	We 351.
1480. <i>Dehaasia squarrosa</i> Hassk.	<i>l.</i>	unn.	Webb 241.
1481. <i>Endiandra glauca</i> R. Br.		unn.	

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LAURACEAE—Continued			
1482. <i>Endiandra palmerstonii</i> C. T. White	b, sd	unn	Webb 241.
1483. <i>Endiandra pubens</i> Meissn.	l, fr	unn	Webb 268.
1484. <i>Endiandra sieberi</i> Nees	b	unn	Webb 241.
1485. <i>Endiandra tooram</i> (?) F. M. Bailey	l	unn	Webb 268.
1486. <i>Endiandra virens</i> F. Muell.	l, b	unn	Webb 241.
1488. <i>Laurelia novae-zelandiae</i> A. Cunn.	b	laureline	Merck.
	b	laurepukine	Merck.
	b	pukateine	Klein 709.
	b	laurotetanine	We Sup 120.
1489. <i>Litsea amara</i> Blume	b	laurotetanine	Henry 320.
1490. <i>Litsea chrysocoma</i> Blume	b	laurotetanine	Klein 709.
1491. <i>Litsea (Tetranthera) citrata</i> Blume	b	N-methyllaurotetanine	Henry 321.
1492. <i>Litsea cubeba</i> Pers.	b	laurotetanine	We Sup 120.
1493. <i>Litsea dealbata</i> Nees	b	N-methyllaurotetanine	We Sup 120.
1494. <i>Litsea ferruginea</i> Blume	b	unn	Webb 241.
1495. <i>Litsea glutinosa</i> (Lour.) C. B. Rob. (<i>L. chinensis</i> Lam.)	l, b	unn	Webb 241.
1496. <i>Litsea intermedia</i> Boerl.		laurotetanine	We Sup 120.
1497. <i>Litsea javanica</i> Blume		laurotetanine	We Sup 120.
1498. <i>Litsea lancifolia</i> Villar		laurotetanine	We Sup 120.
1499. <i>Litsea latifolia</i> Blume		laurotetanine	Klein 709.
1500. <i>Litsea leefeana</i> (<i>L. ferruginea</i> Blume)	b	laurotetanine	Webb 268.
1501. <i>Litsea lucida</i> Blume	b	unn	We Sup 120.
1502. <i>Litsea reticulata</i> Benth. & Hook. f.	b	laurotetanine	Webb 241.
1503. <i>Nectandra coto</i> Rusby	b	unn	Klein 709.
1504. <i>Nectandra rodioei</i> Hook.	b	parostemenine	Henry 363.
	b	bebeerine	CA 49:1744.
	b	berberine	Orekhov 536.
	b	isocondodendrine	Henry 363.
	b	seperine	CA 51:15893.
	b	boldine	CA 52:17312.
1505. <i>Neolitsea sericea</i> Koidz.	l	roemerine	

1506. <i>Neolitsea zeylanica</i> (<i>Litsea zeylanica</i> C. & T. Nees) Merrill.	<i>l, b, fr</i>	unn.	Webb 268.
1507. <i>Nothaphoebe umbelliflora</i> Blume.	<i>b</i>	laurotetanine	Klein 780.
1508. <i>Nothaphoebe</i> sp.	<i>b</i>	actinodaphnine	Helv 17:919.
1509. <i>Ocotea puberula</i> Nees.	<i>b</i>	ocoteine	CA 45:7129.
1510. <i>Ocotea rodiei</i> Mez.	<i>b</i>	bebbeerine (?)	AC SJ 78:245.
	<i>b</i>	ocotine	CI 1955:1772.
	<i>b</i>	rodiasine	AC SJ 78:245.
	<i>b</i>	sepeeringe	CI 1955:1772.
	<i>b</i>	unn.	CI 1955:1772.
	<i>b</i>	unn.	BA 23:1939.
1511. <i>Ocotea</i> sp.	<i>l</i>	unn.	Henry 781.
1512. <i>Persea gratissima</i> Gaertn. f.	<i>l</i>	unn.	Webb PS.
1513. <i>Pseudocryptocarya</i> sp.	<i>b</i>	unn.	Klein 779.
1514. <i>Tetranthera intermedia</i> Blume.	<i>b</i>	laurotetanine	
LEGUMINOSAE			
1515. <i>Abrus precatorius</i> L.	<i>sd</i>	abrine	Henry 484.
1516. <i>Acacia accola</i> J. H. Maiden & Betche	<i>l, s</i>	N-methyl-β-phenethylamine	White XXVI.
1517. <i>Acacia acinacea</i> Lindl.	<i>l, s</i>	phenethylamine	White XXVI.
1518. <i>Acacia acuminata</i> Benth.	<i>l, s</i>	phenethylamine	White XXII.
1519. <i>Acacia arabica</i> Willd.	<i>fr</i>	phenethylamine	White XXVI.
1520. <i>Acacia aulacocarpa</i> A. Cunn.	<i>l</i>	tryptamine	Webb 241.
1521. <i>Acacia auriculiformis</i> A. Cunn.	<i>l, fr</i>	unn.	Webb 241.
1522. <i>Acacia baileyana</i> F. Muell.	<i>l, s, fl, sd</i>	unn.	D-K.
1523. <i>Acacia berlandieri</i> Benth.	<i>l</i>	phenethylamine	White IX.
1524. <i>Acacia buxifolia</i> A. Cunn.	<i>l, s, fr</i>	N-methyl-β-phenethylamine	APAJ 45:719.
1525. <i>Acacia cardiophylla</i> A. Cunn.	<i>l, s</i>	phenethylamine	White XXII.
	<i>l, s</i>	phenethylamine	White XXVI.
	<i>l, s</i>	tryptamine	White XXVI.
	<i>l, s</i>	unn.	White XXVI.
1526. <i>Acacia concinna</i> (Willd.) DC.	<i>b</i>	unn.	We 492.
1527. <i>Acacia conferta</i> A. Cunn.	<i>l</i>	unn.	Webb 241.
1528. <i>Acacia confusa</i> Merrill.	<i>l, fl</i>	unn.	Wall 4.
1529. <i>Acacia cultriformis</i> A. Cunn.	<i>l, s, sd</i>	phenethylamine	White IX.
	<i>l, s</i>	tryptamine	White XXII.
	<i>l, b</i>	unn.	Webb 241.
1530. <i>Acacia cunninghamii</i> Hook.	<i>l, s</i>	unn.	White XXII.
1531. <i>Acacia cyanophylla</i> Lindl.	<i>l</i>	unn.	Webb 241.
1532. <i>Acacia dealbata</i> Link.			

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1533. <i>Acacia decora</i> Reichb.	<i>l</i>	unn	Webb 241.
1534. <i>Acacia decurrens</i> Willd.	<i>l, s, sd</i>	phenethylamine	White IX.
1535. <i>Acacia discolor</i> Willd.	<i>l, s, fl</i>	unn	White XXII.
1536. <i>Acacia drummondii</i> Benth.	<i>l, s</i>	phenethylamine(?)	White IX.
1537. <i>Acacia elata</i> A. Cunn.	<i>l, s, sd</i>	phenethylamine(?)	White IX.
1538. <i>Acacia excelsa</i> ? Benth.	<i>l</i>	unn	Webb 241.
1539. <i>Acacia falcatia</i> Willd.	<i>l, s</i>	phenethylamine(?)	White IX.
1540. <i>Acacia farnesiana</i> (L.) Willd.	<i>l, s</i>	unn	Klein 724.
1541. <i>Acacia fimbriata</i> A. Cunn.	<i>l, b</i>	unn	Wall 55.
1542. <i>Acacia flexifolia</i> A. Cunn.	<i>l, s</i>	unn	Webb 241.
1543. <i>Acacia floribunda</i> Willd.	<i>l, s, fl</i>	phenethylamine	White XXVI.
	<i>l, s, fl</i>	tryptamine	White XIII.
1544. <i>Acacia harpophylla</i> F. Muell.	<i>b</i>	unn	White XXII.
1545. <i>Acacia havilandii</i> Maiden	<i>l, b</i>	unn	Webb 241.
1546. <i>Acacia implexa</i> Benth.	<i>l, s</i>	unn	White XXVI.
1547. <i>Acacia ixiophylla</i> Benth.	<i>l, fl</i>	unn	Webb 241.
1548. <i>Acacia juniperina</i> Willd.	<i>l</i>	unn	Webb 241.
1549. <i>Acacia kettlewelliae</i> Maiden	<i>l, s</i>	unn	Webb 241.
1550. <i>Acacia leprosa</i> Sieber	<i>l, s, fl</i>	phenethylamine	White XXVI.
1551. <i>Acacia linearis</i> Sims	<i>l, s, sd</i>	phenethylamine(?)	White IX.
1552. <i>Acacia linifolia</i> Willd.	<i>l, s</i>	phenethylamine(?)	White IX.
1553. <i>Acacia longifolia</i> Willd.	<i>l, s, fl</i>	unn	White XXVI.
	<i>l, s</i>	phenethylamine	White IX.
	<i>l, s, fl</i>	tryptamine	Henry 771.
1554. <i>Acacia lunata</i> Sieber	<i>l, s</i>	phenethylamine	White IX.
1555. <i>Acacia maidenii</i> F. Muell.	<i>b</i>	unn	Webb 241.
1556. <i>Acacia melanoxylon</i> R. Br.	<i>l, s</i>	phenethylamine(?)	White IX.
	<i>b, sd</i>	unn	White XXII.
1557. <i>Acacia nerifolia</i> A. Cunn.	<i>l</i>	unn	Webb 241.
1558. <i>Acacia pendula</i> A. Cunn.	<i>b</i>	unn	Webb 241.
1559. <i>Acacia penninervis</i> Sieber	<i>b</i>	unn	Webb 241.

1560. <i>Acacia podalyriæfolia</i> A. Cunn.	<i>l</i> , <i>s</i>	phenethylamine	White IX.
	<i>b</i>	tryptamine	White XXII.
	<i>l</i> , <i>s</i>	unn	White XXII.
	<i>l</i> , <i>s</i> , <i>sd</i>	N-methyl- β -phenethylamine	White XXVI.
1561. <i>Acacia praetervisa</i> Domin	<i>l</i> , <i>s</i>	phenethylamine	White XXII.
1562. <i>Acacia pravissima</i> F. Muell.	<i>l</i> , <i>s</i>	phenethylamine	White IX.
1563. <i>Acacia prominens</i> A. Cunn.	<i>l</i> , <i>s</i> , <i>fl</i>	N-methyl- β -phenethylamine	CA 49:9535.
1564. <i>Acacia pruinosa</i> A. Cunn.	<i>l</i> , <i>s</i>	phenethylamine	White IX.
1565. <i>Acacia pycnantha</i> Benth.	<i>l</i> , <i>s</i>	phenethylamine	White XIII.
1566. <i>Acacia retinodes</i> Schlecht.	<i>l</i> , <i>s</i> , <i>sd</i>	phenethylamine	Henry 771.
1567. <i>Acacia rupeicola</i> F. Muell.	<i>l</i>	tryptamine	White IX.
1568. <i>Acacia salicina</i> Lindl.	<i>l</i>	phenethylamine	White IX.
1569. <i>Acacia saligna</i> Wendl.	<i>l</i>	phenethylamine	Webb 241.
1570. <i>Acacia shirleyi</i> (?) Maiden	<i>l</i>	phenethylamine	Webb 241.
1571. <i>Acacia spectabilis</i> A. Cunn.	<i>l</i> , <i>s</i>	phenethylamine	CA 52:7339.
	<i>b</i>	unn	Webb 241.
1572. <i>Acacia stricta</i> Willd.	<i>l</i> , <i>s</i> , <i>sd</i>	phenethylamine	White IX.
1573. <i>Acacia suaveolens</i> Willd.	<i>l</i> , <i>s</i> , <i>fr</i>	phenethylamine	White IX.
1574. <i>Acacia sutherlandii</i> F. Muell.	<i>l</i>	unn	Webb 268.
1575. <i>Acacia tenuerrima</i> Miq.	<i>b</i>	unn	We 492.
1576. <i>Acacia triptera</i> Benth.	<i>l</i> , <i>s</i>	unn	Webb 241.
1577. <i>Acacia undulaefolia</i> A. Cunn.	<i>l</i>	unn	Webb 241.
1578. <i>Acacia verniciflua</i> A. Cunn.	<i>l</i> , <i>s</i>	unn	White XXIII.
1579. <i>Acacia verticillata</i> Willd.	<i>l</i> , <i>s</i> , <i>fl</i>	phenethylamine (?)	White IX.
1580. <i>Acacia vestita</i> Ker-Gawl.	<i>l</i> , <i>s</i>	tryptamine	White XXVI.
	<i>b</i>	phenethylamine (?)	White IX.
1581. <i>Acacia villosa</i> sens. lat.	<i>l</i>	unn	Webb 241.
1582. <i>Acacia viscidula</i> A. Cunn.	<i>l</i> , <i>s</i>	unn	Webb 241.
1583. <i>Acacia</i> sp.	<i>l</i>	trigonelline	CA 46:6332.
1584. <i>Adenanthera payonina</i> L.	<i>sd</i>	unn	Henry 779.
		teidine	Webb 268.
1585. <i>Adenocarpus anagyrus</i> Spreng. (<i>A. viscosus</i>)	<i>l</i>	decorticasine	M-H V 302.
1586. <i>Adenocarpus argyrophyllus</i>	<i>l</i>	sparteine	CA 49:4681.
1587. <i>Adenocarpus commutatus</i> Guss.		adenocarpine	CA 49:4681.
		orenssine	CA 46:6795.
		santiaguine	CA 46:6795.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1588. <i>Adenocarpus complicatus</i> J. Gay	<i>l.</i>	adeonocarpine isoorensine santiaguine sparteine decorticasine sparteine unn.	CA 48:13084. Ribas 27. CA 47:2762. BA 24:34232. Ribas 27. Ribas 27. Ribas 27.
1589. <i>Adenocarpus decorticans</i> Boiss.	<i>l.</i>		
	<i>l, s, sd</i>		
	<i>l, s, sd</i>		
	<i>l, sd</i>		
1590. <i>Adenocarpus foliolosus</i> (Ait.) DC.	<i>l.</i>	adenocarpine santiaguine unn.	CA 49:6279. CA 49:6279. Wall 15.
1591. <i>Adenocarpus grandiflorus</i> Boiss.	<i>l.</i>	adenocarpine decorticasine isoorensine orensine santiaguine decorticasine sparteine adenocarpine santiaguine adenocarpine santiaguine teidine unn.	Ribas 27. CA 52:17313. Ribas 27. Ribas 27. Ribas 27. BA 30:32607. BA 30:32607. CA 45:1303. CA 45:1303. CA 45:1303. CA 45:1303. Ribas 51. CA 47:2762. D-K. Webb 268.
1592. <i>Adenocarpus hispanicus</i> (Lam.) DC.	<i>l.</i>		
1593. <i>Adenocarpus intermedius</i> DC.	<i>l.</i>		
1594. <i>Adenocarpus parvifolius</i> (Lam.) DC.	<i>l.</i>		
1595. <i>Adenocarpus viscosus</i> Webb & Berth.	<i>l.</i>		
1596. <i>Aeschynomene americana</i> L.	<i>l.</i>		
1597. <i>Albizia canescens</i> Benth.	<i>l, b, sd</i>	unn.	Wall 55.
1597A. <i>Albizia caribaea</i> (Urb.) Britton & Rose.	<i>l, s</i>	unn.	White IX.
1598. <i>Albizia julibrissin</i> Durazz.	<i>l, s</i>	phenethylamine(?)	White IX.
1599. <i>Albizia lophantha</i> Benth.	<i>l, s</i>	phenethylamine(?)	Klein 723.
1600. <i>Albizia lucida</i> Benth.	<i>l, s</i>	unn.	Wall 55.
1601. <i>Albizia polyphylla</i> Fourn.	<i>l.</i>	unn.	Wall 26.
1601A. <i>Albizia richardiana</i> King & Prain.	<i>s.</i>	unn.	Wall 55.

1602. <i>Albizia saponaria</i> Blume	b	unn.	Webb 232.
1603. <i>Altagi pseudaltagi</i> Desv.		unn.	CA 48:11727.
1604. <i>Anmodendron conollyi</i> Bunge		ammodendrine	Henry 35, 130.
	l	anagyryne	CA 44:1119.
	l	conoline	CA 44:1119.
	l	isoammodendrine	CA 51:1212.
	l	pachycarpine	CA 44:1119.
		sparteine	Henry 116.
	w	unn.	CA 35:4154.
1605. <i>Ammodendron sieversii</i> DC.		ammethamine	Henry 116.
1606. <i>Ammothamnus lehmannii</i> Bunge		sophocarpine	Henry 116.
		sparteine	Henry 116.
		unn.	White I.
1607. <i>Amorpha fruticosa</i> L.	b	anagyryne	Henry 116.
1608. <i>Anagyris foetida</i> L.	sd	cytisine	Henry 116.
	sd	N-methylcytisine	M-H III 124.
1609. <i>Andira anthelmintica</i> Benth.	sd	pachycarpine	Ribas 28.
1610. <i>Andira inermis</i> H.B.K.	b	sparteine	Henry 116.
1611. <i>Andira retusa</i> H.B.K.	b	andirine	We 555.
1612. <i>Andira spectabilis</i> Saldanha da Gama	b	andirine	Merck.
1613. <i>Aotus villosa</i> Sm.	b	andirine	We 555.
1614. <i>Arachis hypogaea</i> L.	l, b	andirine	We 555.
1615. <i>Archidendron lucyi</i> ? F. Muell.	sd	unn.	Webb 241.
1616. <i>Archidendron vaillantii</i> F. Muell.	b	arachisie	White XXII.
1617. <i>Argyrolobium trigonelloides</i> Jaub. & Spach	b	unn.	Webb 241.
1618. <i>Astragalus caryocarpus</i> Ker-Gawl.	fr	unn.	Webb 268.
1619. <i>Astragalus earlei</i> Greene	l	unn.	CA 48:11727.
1620. <i>Astragalus glycyphyllos</i> L.	v	α- and β-earleine	We 548.
1621. <i>Astragalus wootoni</i> Sheld.		unn.	Webb 232.
1621A. <i>Astragalus zippidium</i> Bunge		trigonelline	I-R.
1622. <i>Astragalus</i> spp.	sd	unn.	Henry 772.
1623. <i>Baptisia alba</i> (L.) R. Br.	l, s, r, fr	unn.	CA 53:3597.
1624. <i>Baptisia australis</i> R. Br.	l, s, sd	cytisine	CA 48:11727.
	l, s	unn.	Klein 774.
		base P ₂	Wall 55.
		cytisine	Henry 117.
		N-methylcytisine	White I.
		sparteine	Henry 117.
		cytisine	Klein 774.
1625. <i>Baptisia bracteata</i> Muhl.	sd		

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1626. <i>Baptisia exaltata</i> Sweet	<i>sd</i>	cytisine	M-H III 122.
1627. <i>Baptisia lanceolata</i> Ell.	<i>l</i>	unn	Wall 43.
1628. <i>Baptisia leucantha</i> Torr. & Gray	<i>sd</i>	cytisine	M-H III 122.
1629. <i>Baptisia minor</i> Lehm.	<i>w</i>	anagyrine	CA 43:650.
	<i>w</i>	baptifoline	CA 43:650.
	<i>w</i>	cytisine	CA 43:650.
	<i>w</i>	N-methylcytisine	CA 43:650.
	<i>w</i>	sparteine	CA 43:650.
	<i>w</i>	anagyrine	CA 43:649.
	<i>w</i>	baptifoline	CA 43:649.
	<i>w</i>	cytisine	CA 43:649.
	<i>w</i>	N-methylcytisine	CA 43:649.
	<i>w</i>	sparteine	CA 43:649.
1630. <i>Baptisia perfoliata</i> R. Br.	<i>l, s, fr, r</i>	unn	Wall 55.
1630A. <i>Baptisia psammophila</i> Larisey	<i>sd, r</i>	cytisine	Henry 116.
1631. <i>Baptisia tinctoria</i> R. Br.	<i>l, s, fl, r</i>	unn	Wall 55.
1632. <i>Baptisia versicolor</i> Raf.	<i>sd</i>	anagyrine	CA 47:6604.
	<i>l, s, r</i>	cytisine	Klein 774.
	<i>l, s, r</i>	lupanine	CA 47:6604.
	<i>l, s, r</i>	sparteine	CA 47:6604.
1633. <i>Bauhinia elongata</i> Korth.		unn	We 502.
1634. <i>Bauhinia emarginata</i> Mill.		unn	We 502.
1635. <i>Bauhinia malabarica</i> Roxb.	<i>s</i>	unn	D-K.
1636. <i>Bossiaea brownii</i> Benth.	<i>l</i>	unn	Webb 268.
1637. <i>Bossiaea rupecola</i> A. Cunn.	<i>l</i>	unn	Webb 268.
1638. <i>Bowdichia major</i> Mart.	<i>rb</i>	unn	We 516.
1639. <i>Caesalpinia bonducilla</i> Fleming	<i>l, sd</i>	unn	We 509.
1640. <i>Caesalpinia sepiaria</i> Roxb.	<i>l, s</i>	unn	Webb 241.
1641. <i>Calycotome spinosa</i> Link	<i>sd</i>	calycotamine	White XII.
1642. <i>Canavalia rosea</i> (Sw.) DC. (<i>C. obtusifolia</i>)	<i>l, s, sd</i>	calycotamine	White XII.
	<i>sd</i>	unn	Webb 268.

1643. <i>Cassia absus</i> L.	<i>sd</i>	chaksine	LCSJ 1958:555.
1644. <i>Cassia alata</i> L.	<i>sd</i>	isochaksine	Henry 123.
1645. <i>Cassia bicapsularis</i> L.	<i>l</i>	unn.	Webb 241.
1646. <i>Cassia brasiliensis</i> Niederl.	<i>l, fr</i>	unn.	Webb 241.
1647. <i>Cassia emarginata</i> L.	<i>l, fl</i>	unn.	Wall 15.
1648. <i>Cassia excelsa</i> Schrad.	<i>l</i>	unn.	Wall 15.
1649. <i>Cassia laevigata</i> Willd.	<i>fr</i>	unn.	Wall 26.
1650. <i>Cassia patellaria</i> DC.	<i>l</i>	unn.	Webb 241.
1651. <i>Cassia siamea</i> Lam.	<i>s</i>	unn.	D-K.
1652. <i>Cassia sophera</i> L.	<i>l, s</i>	unn.	Klein 724.
1653. <i>Cassia spectabilis</i> DC.	<i>l, s, fr</i>	unn.	D-K.
1654. <i>Cassia tomentella</i> Domin.	<i>l, fl, fr</i>	unn.	Webb 241.
1655. <i>Castanospermum australe</i> A. Cunn. & Fraser	<i>fr</i>	unn.	Webb 241.
1656. <i>Centrosema pubescens</i> Benth.	<i>l, b, sd</i>	unn.	D-K.
1656A. <i>Chamaecrista</i> (<i>Cassia</i>) cf. <i>multipinnata</i> Pollard	<i>s</i>	unn.	Wall 55.
1657. <i>Cladrastis amurensis</i> Benth.	<i>l, s, r</i>	unn.	CA 51:5369.
	<i>sd, w</i>	cystisine (cytisine?)	CA 51:5369.
	<i>sd, w</i>	unn. (5)	Wall 15.
	<i>l</i>	unn.	Webb 232.
1658. <i>Clitoria arborescens</i> R. Br.	<i>sd</i>	unn.	Webb 268.
1659. <i>Clitoria ternatea</i> L.	<i>l, sd</i>	unn.	D-K.
1660. <i>Clitoria</i> sp.	<i>s</i>	unn.	I-R.
1661. <i>Colutea armena</i> Boiss. & Huet.	<i>l, s</i>	unn.	I-R.
1662. <i>Colutea orientalis</i> Lam.	<i>l, s</i>	unn.	White XXXII.
1663. <i>Coronilla varia</i> L.	<i>sd</i>	cystisine	Wall 55.
1664. <i>Crotalaria anagyroides</i> H.B.K.	<i>l, s, r</i>	unn.	Arthur.
	<i>l, s</i>	unn.	D-K.
1665. <i>Crotalaria burkeana</i> Benth.	<i>l</i>	unn.	Webb 232.
1666. <i>Crotalaria crassipes</i> Hook.	<i>w</i>	unn.	Webb 268.
1667. <i>Crotalaria damarensis</i> Engl.	<i>l, s</i>	unn.	CA 47:12765.
1668. <i>Crotalaria dissitiflora</i> Benth.		unn.	Webb 232.
1669. <i>Crotalaria dura</i> J. M. Wood & Evans		dierotaline	Webb 232.
1670. <i>Crotalaria globifera</i> E. Mey.		dierotaline	Webb 232.
1671. <i>Crotalaria grantiana</i> Hary.		grantianine	Webb 232.
1672. <i>Crotalaria incana</i> L.	<i>sd</i>	integerrimine	CA 48:12140.
	<i>l, fr</i>	unn.	Webb 241,

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1673. <i>Crotalaria juncea</i> L.	<i>sd</i>	juncine	AC SJ 78:1919.
	<i>sd</i>	riddelliine	AC SJ 78:1919.
	<i>sd</i>	seneconine	AC SJ 78:1919.
	<i>sd</i>	seneciphylline	AC SJ 78:1919.
	<i>sd</i>	trichodesmine	AC SJ 78:1919.
1674. <i>Crotalaria laburnifolia</i> L.	<i>l, s</i>	unn	White I.
1675. <i>Crotalaria lanceolata</i> E. Mey.	<i>l, s, fr</i>	unn	Webb 268.
1676. <i>Crotalaria linifolia</i> L. f.	<i>l, s, r, fr</i>	unn	Webb 241, 268.
1677. <i>Crotalaria mitchellii</i> Benth.	<i>l</i>	unn	Webb 241.
1678. <i>Crotalaria novae-hollandiae</i> DC.	<i>l, s, fr</i>	unn	Webb 241.
1679. <i>Crotalaria othonnae</i>	<i>sd</i>	othosenine	M—H I 110.
1680. <i>Crotalaria retusa</i> L.	<i>l, sd</i>	monocrotaline	CA 52:6371.
	<i>sd</i>	monocrotaline N-oxide	AJC 10:464.
	<i>sd</i>	retronecine N-oxide	CA 52:6371.
	<i>sd</i>	retusamine	CA 52:6371.
	<i>sd</i>	retusamine N-oxide	CA 52:6371.
	<i>sd</i>	retusine	CA 52:6371.
1681. <i>Crotalaria sagittalis</i> L.	<i>sd</i>	unn	Webb 232.
1682. <i>Crotalaria sericea</i> Retz.	<i>l, s, sd, r</i>	unn	Webb 268.
1683. <i>Crotalaria spectabilis</i> Roth	<i>l, fl, r</i>	monocrotaline	Econ Bot 10:254.
	<i>w, sd</i>	spectabiline	AJC 10:474.
	<i>sd</i>	unn	Webb 232.
1684. <i>Crotalaria striata</i> Schrank	<i>l, fr, sd</i>	unn	Webb 241.
1685. <i>Crotalaria trifoliastrum</i> Willd.	<i>l, rb</i>	unn	Webb 241.
1686. <i>Crotalaria usaramoensis</i> Bak. f.	<i>l, s, fr</i>	usaramoensine	CA 48:12140.
	<i>l, s, fr</i>	unn	Webb 268.
1687. <i>Crotalaria verrucosa</i> L.	<i>l, s, fr</i>	unn	Webb 268.
1688. <i>Cytisus alschingeri</i> Vis.	<i>l, s</i>	cytisine	White XI.
1689. <i>Cytisus ardoinii</i> Fourn.	<i>s</i>	unn	White XXII.
1690. <i>Cytisus austriacus</i> L.	<i>l, s, fl</i>	lupanine	White XI.
	<i>s, sd</i>	sparteine	White XI.
1691. <i>Cytisus battandieri</i> Maire		cytisine	White XI.

1692. <i>Cytisus beani</i> Nichols.	<i>l, s, fl</i>	sparteine	White II.
1693. <i>Cytisus canariensis</i> Steud.	<i>l, s, sd</i>	cytisine	White XI.
	<i>sd</i>	N-methylcytisine	Henry 117.
1694. <i>Cytisus capitatus</i> Scop.	<i>l, s, fl</i>	cytisine	White XI.
1695. <i>Cytisus caucasicus</i> Handl.	<i>l</i>	sparteine	White XI.
	<i>l</i>	anagyrine	M-H III 121.
1696. <i>Cytisus emeriflorus</i> Reichb.	<i>l, s</i>	lupanine	White XI.
1697. <i>Cytisus formosissimus</i>	<i>l, s, sd</i>	pachycarpine	Orekhov 186.
1698. <i>Cytisus grandiflorus</i> DC.	<i>l</i>	sparteine	White XI.
1699. <i>Cytisus hillebrandtii</i> Briq.	<i>l, s, fr</i>	sparteine	White IL.
1700. <i>Cytisus hirsutus</i> L.	<i>l, s</i>	eytisine	White XI.
1701. <i>Cytisus kewensis</i> Bean.	<i>r, s, sd, sprout</i>	sparteine	White II.
1702. <i>Cytisus laburnum</i> L.	<i>r, l, s, sd, sprout</i>	cytisine	Monatsh. 88:597.
	<i>sd</i>	genisteine	Sokolov 122.
1703. <i>Cytisus linifolius</i> Lam.	<i>l, s</i>	laburnine	CA 44:1484.
1704. <i>Cytisus monspessulanus</i> L.	<i>l, s, sd</i>	lupanine	Sokolov 122.
	<i>l, s</i>	N-methylcytisine	Monatsh 88:597.
1705. <i>Cytisus multiflorus</i> Sweet	<i>fl, sd</i>	sarothamnine	Sokolov 122.
	<i>s, sd</i>	sparteine	Sokolov 122.
1706. <i>Cytisus nigricans</i> L.	<i>w, sd</i>	unn.	CA 49:6977.
1707. <i>Cytisus pendulinus</i> L.	<i>l, s, fr</i>	anagyrine	Henry 117.
1708. <i>Cytisus polytrichus</i> Bieb.	<i>l, s, sd</i>	cytisine	Henry 117.
1709. <i>Cytisus × praecox</i> Wheeler in Bean	<i>sd</i>	cytisine	White XV.
1710. <i>Cytisus proliferus</i> L. f.	<i>l, s</i>	N-methylcytisine	White XV.
	<i>sd</i>	monspessulanine	White XV.
1711. <i>Cytisus purgans</i> Spach	<i>l, s</i>	cytisine	White XI.
		sparteine	White II.
		calycotomine	White XI.
		sparteine	White II.
		cytisine	White XI.
		sparteine	White II.
		calycotomine	White XXVI.
		sparteine	White III.
		unn.	White XXVI.
		sparteine	White II.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1712. <i>Cytisus ratisbonensis</i> Schaeff.	<i>fl</i>	cytisine	White XI.
	<i>l</i>	lupanine	White XI.
	<i>l</i>	sparteine	White XI.
	<i>sd</i>	cytisine	We 529.
	<i>l, s, fr</i>	genisteine	Henry 117.
	<i>sd</i>	hydroxylupanine	BA 30:8569.
	<i>s, fl</i>	hydroxytyramine	BA 30:8681.
	<i>sd</i>	lupanine	BA 30:8569.
	<i>l, s, fr</i>	sarothamnine	Henry 117.
	<i>l, s, fr</i>	sparteine	Henry 117.
	<i>s, sd</i>	tyramine	M-H III 318.
	<i>l, s</i>	lupanine	White XI.
	<i>l, s</i>	anagyrine	White XIV.
	<i>l, s</i>	cytisine	White XIV.
	<i>l, s</i>	N-methylecytisine	White XIV.
	<i>l</i>	unn.	Wall 15.
	<i>l, s</i>	sparteine	White II.
	<i>l, s, fl</i>	sparteine	White II.
1719. <i>Cytisus (Sarothamnus) welwitschii</i> (Boiss. & Reut.) A. B. Jackson.	<i>l, s</i>	sparteine	CA 45:5367.
1720. <i>Cytisus</i> sp.			
		adenocarpine	CA 49:4681.
		isoorensine	CA 49:4681.
		santiaguine	CA 49:4681.
		unn.	We 544.
1721. <i>Dalbergia championii</i> Thw.		unn.	We 544.
1722. <i>Dalbergia junghuhnii</i> Benth.		unn.	We 544.
1723. <i>Dalbergia litoralis</i>		unn.	We 544.
1723A. <i>Dalea terminalis</i> M. E. Jones	<i>l, s, fl</i>	unn.	Wall 60.
1724. <i>Daviesia arborea</i> F. Muell. & Scort.	<i>l, b</i>	unn.	Webb 241.
1725. <i>Daviesia corymbosa</i> Sm.	<i>l, b</i>	unn.	Webb 241.

1726. <i>Daviesia ulicina</i> Sm.	<i>l, s</i>	unn.	Webb 241.
1727. <i>Derris uliginosa</i> Benth.	<i>b</i>	unn.	Klein 727.
1728. <i>Desmodium gangeticum</i> (L.) DC.	<i>sd, r</i>	unn.	APAJ 44:625.
1729. <i>Dillwynia floribunda</i> Sm.	<i>l, s, r</i>	unn.	Webb 241.
1730. <i>Dioclea macrocarpa</i> Huber	<i>sd</i>	physostigmine	CA 31:1552.
1731. <i>Dioclea reflexa</i> Hook. f.	<i>sd</i>	unn.	Webb 268.
1732. <i>Dolichos speciosus</i>	<i>sd</i>	unn.	Webb 232.
1733. <i>Entada phaseoloides</i> Merrill	<i>b</i>	unn.	PPAJ 43:104.
1734. <i>Entada scandens</i> Benth.	<i>sd</i>	unn.	We 495.
1735. <i>Enterolobium saman</i> Prain	<i>l</i>	unn.	D-K.
1736. <i>Eremosparton aphyllum</i> Fisch. & Mey.	<i>st</i>	smirnovine	CA 49:3826.
	<i>st</i>	smirnovinine	CA 49:3826.
	<i>r</i>	unn.	Henry 780--
1737. <i>Eremosparton flaccidum</i> Litwinow	<i>l, s</i>	isopropylvinylputrescine	CA 46:7289.
	<i>sd</i>	smirnovine	CA 49:3826.
1738. <i>Erythrina abyssinica</i> Lam.	<i>sd</i>	sphaerophysine	CA 46:7289.
	<i>sd</i>	erysodine	AC SJ 62:1677.
	<i>sd</i>	erysonine	Orekhov 595.
	<i>sd</i>	erysopine	AC SJ 62:1677.
	<i>sd</i>	erysovine	M-H II 501.
1739. <i>Erythrina acanthocarpa</i> E. Mey.	<i>sd</i>	erythraline	CA 43:5544.
	<i>sd</i>	hypaphorine	AC SJ 62:1677.
	<i>sd</i>	erysopine	AC SJ 63:1544.
	<i>sd</i>	erysovine	M-H II 501.
	<i>sd</i>	hypaphorine	M-H II 372.
	<i>sd</i>	unn.	CA 34:1812.
	<i>sd</i>	unn.	AP AJ 28:1019.
1740. <i>Erythrina altissima</i> A. Cheval.	<i>sd</i>	erysodine	AC SJ 62:1677.
1741. <i>Erythrina americana</i> Mill.	<i>sd</i>	erysopine	M-H II 501.
	<i>sd</i>	erysothiopine	M-H II 501.
	<i>sd</i>	erysothiovine	M-H II 501.
	<i>sd</i>	erysovine	M-H II 501.
	<i>sd</i>	α - and β -erythroidine	Henry 386.
1742. <i>Erythrina arborescens</i> Roxb.	<i>sd</i>	hypaphorine	M-H II 501.
	<i>sd</i>	erysodine	M-H II 501.
	<i>sd</i>	erysopine	M-H II 501.
	<i>sd</i>	erysovine	M-H II 501.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1743. <i>Erythrina berteroana</i> Urb.	sd	erysodine	M-H II 501.
	sd	erysopine	M-H II 501.
	sd	erysothiopine	M-H II 501.
	sd	erysothiovine	M-H II 501.
	sd	erysovine	ACSJ 62:1677.
	sd	α - and β -erythroidine	M-H II 501.
	sd	hypaphorine	ACSJ 62:1677.
	sd	unn.	APAJ 28:1019.
	sd	unn.	Klein 727.
1744. <i>Erythrina breviflora</i> Moc. & Sessé	sd	unn.	APAJ 28:1019.
1745. <i>Erythrina brôteroi</i> Hassk.	sd	unn.	APAJ 28:1019.
1746. <i>Erythrina buchii</i> Urb.	sd	unn.	APAJ 28:1019.
1747. <i>Erythrina caffra</i> Thunb.	sd	unn.	APAJ 28:1019.
1748. <i>Erythrina chiapasana</i> Krukoff	sd	unn.	Webb 232.
1749. <i>Erythrina corallodendron</i> L.	b, wd	unn.	We 572.
1750. <i>Erythrina coralloides</i> Moc. & Sessé	sd	unn.	APAJ 28:1019.
1751. <i>Erythrina costaricensis</i> M. Micheli	sd	erysodine	M-H II 501.
	sd	erysonine	M-H II 501.
	sd	erysopine	ACSJ 63:1544.
	sd	erysovine	M-H II 501.
	sd	α - and β -erythroidine	M-H II 501.
	sd	hypaphorine	M-H II 501.
	sd	erysodine	M-H II 501.
	sd	erysonine	Orekhov 595.
	sd	erysopine	BA 23:12652.
	sd	erysovine	BA 23:12652.
	sd	erythraline	BA 23:12652.
	sd	erythramine	BA 23:12652.
	sd	erythratine	BA 23:12652.
	sd	hypaphorine	BA 23:12352.
1752. <i>Erythrina crista-galli</i> L.	sd	erysodine	M-H II 501.
	sd	erysopine	M-H II 501.
	sd	erysovine	M-H II 501.
1753. <i>Erythrina cubensis</i> Wright	sd	erysodine	M-H II 501.
	sd	erysopine	M-H II 501.
	sd	erysovine	M-H II 501.

580877-19-8	1754. <i>Erythrina dominguezii</i> Hassl.	<i>sd</i>	erythraline	M-H II 501.
		<i>sd</i>	erythramine	M-H II 501.
		<i>sd</i>	erythratine	M-H II 501.
		<i>sd</i>	hypaphorine	M-H II 501.
		<i>sd</i>	erysodine	M-H II 501.
		<i>sd</i>	erysopine	M-H II 501.
		<i>sd</i>	erysovine	M-H II 501.
		<i>sd</i>	erythraline	N-O.
		<i>sd</i>	erythramine	N-O.
		<i>sd</i>	erythratine	N-O.
		<i>sd</i>	hypaphorine	M-H II 501.
		<i>unn</i>		APAJ 28:1019.
	1755. <i>Erythrina edulis</i> Triana	<i>sd</i>		APAJ 28:1019.
	1756. <i>Erythrina eggersii</i> Krukoff & Moldenke	<i>sd</i>		M-H II 501.
	1757. <i>Erythrina excelsa</i> Baker	<i>sd</i>		M-H II 501.
	1758. <i>Erythrina falcata</i> Benth.	<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		N-O.
		<i>sd</i>		N-O.
		<i>sd</i>		CA 47: 1714.
		<i>sd</i>		N-O.
		<i>sd</i>		M-H II 501.
	1759. <i>Erythrina flabelliformis</i> Kearney	<i>sd</i>		ACSJ 62:1677.
		<i>sd</i>		ACSJ 62:1677.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		ACSJ 62:1677.
		<i>sd</i>		ACSJ 62:1677.
	1760. <i>Erythrina folkersii</i> Krukoff & Moldenke	<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 372.
	1761. <i>Erythrina fusca</i> Lour.	<i>sd</i>		M-H II 501.
		<i>sd</i>		ACSJ 63:1544.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
		<i>sd</i>		M-H II 501.
	1762. <i>Erythrina glabrescens</i> R. N. Parker	<i>sd</i>		APAJ 28:1019.
		<i>sd</i>		

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1763. <i>Erythrina glauca</i> Willd.	sd	erysodine	M-H II 501.
	sd	erysonine	Orekhov 595.
	sd	erysopine	M-H II 501.
	sd	erysothiopine	M-H II 501.
	sd	erysothiovine	M-H II 501.
	sd	erythraline	M-H II 501.
	sd	erythramine	M-H II 501.
	sd	erythratine	M-H II 501.
	sd	hypaphorine	M-H II 501.
	sd	unn.	APAJ 28:1019.
1764. <i>Erythrina goldmanii</i> Standl.	sd	erythraline	M-H II 501.
1765. <i>Erythrina grisebachii</i> Urb.	sd	hyaphorine	M-H II 501.
1766. <i>Erythrina herbacea</i> L.	sd	erysodine	M-H II 501.
	sd	erysopine	M-H II 501.
	sd	erysothiopine	M-H II 501.
	sd	erysothiovine	M-H II 501.
	sd	erysovine	M-H II 501.
	sd	hypaphorine	ACSJ 62:1677.
	l, s, r	unn.	Wall 60.
	sd	unn.	APAJ 28:1019.
1767. <i>Erythrina hondurensis</i> Standl.	sd	hypaphorine	We 573.
1768. <i>Erythrina hypaphorus</i> Boerl.	sd	hypaphorine	Webb 232.
1769. <i>Erythrina indica</i> Lam.	sd	unn.	Webb 268.
1770. <i>Erythrina insignis</i> Tod.	l, b	unn.	White I.
1771. <i>Erythrina lanata</i> Rose.	l, s	unn.	APAJ 28:1019.
1772. <i>Erythrina lanceolata</i> Standl.	sd	unn.	APAJ 28:1019.
1773. <i>Erythrina macrophylla</i> DC.	sd	erysodine	M-H II 501.
	sd	erysopine	ACSJ 63:1544.
	sd	erysovine	M-H II 501.
	sd	erythraline	M-H II 501.
	sd	hypaphorine	M-H II 501.

1774. <i>Erythrina mexicana</i> Krukoff	<i>sd</i>	<i>unn</i>	APAJ 28:1019. We 573.
1775. <i>Erythrina mulungu</i> Mart.	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1776. <i>Erythrina mysorensis</i> Gamble	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1777. <i>Erythrina occidentalis</i> Standl.	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1778. <i>Erythrina orophila</i> Ghesq.	<i>sd</i>	<i>erysodine</i>	APAJ 28:1019. M-H II 501.
1779. <i>Erythrina pallida</i> Britt. & Rose	<i>sd</i>	<i>erysopine</i>	M-H II 501.
	<i>sd</i>	<i>erysiovine</i>	M-H II 501.
	<i>sd</i>	<i>erysovine</i>	M-H II 501.
	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1780. <i>Erythrina parcellii</i> Hort.	<i>sd</i>	<i>erysodine</i>	ACSJ 62:1677.
1781. <i>Erythrina poeppigiana</i> Skeels	<i>sd</i>	<i>erysopine</i>	M-H II 501.
	<i>sd</i>	<i>erysiovine</i>	M-H II 501.
	<i>sd</i>	<i>erysovine</i>	ACSJ 62:1677.
	<i>sd</i>	<i>hypaphorine</i>	ACSJ 62:1677.
1782. <i>Erythrina polyanthes</i> (cf. <i>E. poianthes</i> Brot.)	<i>b, l</i>	<i>unn</i>	We 572.
1783. <i>Erythrina rubrinervia</i> H.B.K.	<i>sd</i>	<i>erysopine</i>	ACSJ 63:1544.
	<i>sd</i>	<i>erysovine</i>	M-H II 501.
	<i>sd</i>	<i>hypaphorine</i>	M-H II 501.
	<i>sd</i>	<i>erysodine</i>	M-H II 501.
	<i>sd</i>	<i>erysopine</i>	M-H II 501.
	<i>sd</i>	<i>erysothiopine</i>	M-H II 501.
	<i>sd</i>	<i>erysiovine</i>	M-H II 501.
	<i>sd</i>	<i>erysovine</i>	M-H II 501.
	<i>sd</i>	<i>erythramine</i>	M-H II 501.
	<i>sd</i>	<i>hypaphorine</i>	M-H II 501.
	<i>sd</i>	<i>erysodine</i>	ACSJ 63:1544.
	<i>sd</i>	<i>erysopine</i>	ACSJ 63:1544.
	<i>sd</i>	<i>hypaphorine</i>	M-H II 501.
1785. <i>Erythrina senegalensis</i> DC.	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1786. <i>Erythrina sigmoidea</i> Hua	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1787. <i>Erythrina speciosa</i> Andr.	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1788. <i>Erythrina standleyana</i> Krukoff	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1789. <i>Erythrina stricta</i> Roxb.	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1790. <i>Erythrina suberifera</i> Welw.	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1791. <i>Erythrina suberosa</i> Roxb.	<i>sd</i>	<i>unn</i>	APAJ 28:1019.
1792. <i>Erythrina subumbrans</i> Merrill	<i>sd</i>	<i>erysodine</i>	M-H II 501.
	<i>sd</i>	<i>erysopine</i>	ACSJ 63:1544.
	<i>sd</i>	<i>erysovine</i>	M-H II 501.
	<i>sd</i>	<i>erythramine</i>	M-H II 501.
	<i>sd</i>	<i>hypaphorine</i>	M-H II 501.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1793. <i>Erythrina tholloniana</i> Hua.	<i>sd</i>	α - and β -erythroidine	CA 44:2706.
	<i>sd</i>	hypaphorine	CA 44:2706.
1794. <i>Erythrina variegata</i> L.	<i>sd</i>	erythaline	M-H II 501.
	<i>sd</i>	hypaphorine	M-H II 501.
1795. <i>Erythrina velutina</i> Willd.	<i>sd</i>	erysodine	M-H II 501.
	<i>sd</i>	erysovine	M-H II 501.
	<i>sd</i>	erythraline	M-H II 501.
	<i>sd</i>	hypaphorine	M-H II 501.
1796. <i>Erythrina vespertilio</i> Benth.	<i>sd</i>	unn.	M-H II 501.
	<i>l, s</i>	unn.	APAJ 28:1019.
1797. <i>Erythrina viarum</i> Tod.		unn.	Webb 241.
1798. <i>Erythrophleum chlorostachys</i> Baill.	<i>l, s, sd</i>	unn.	Klein 727.
1799. <i>Erythrophleum coumingo</i> Baill.	<i>b</i>	coumingaine	Webb 241.
	<i>b</i>	coumingidine	M-H V 161.
	<i>b</i>	coumingine	Henry 730.
1800. <i>Erythrophleum fordii</i> Oliver	<i>b</i>	unn.	Henry 729.
1801. <i>Erythrophleum guineense</i> G. Don	<i>b</i>	cassaidine	Res To 2 (3) (1945).
	<i>b</i>	cassaine	Henry 726.
	<i>b</i>	cassamine	Henry 726.
	<i>b</i>	erythrophlamine	CA 44:4013.
	<i>b</i>	erythrophleine	CA 44:4013.
	<i>b</i>	homophrleine	Henry 726.
	<i>b</i>	cytisine	Henry 726.
1802. <i>Euchresta horsfieldii</i> Benn.		unn.	Henry 117.
1803. <i>Flemingia congesta</i> Blume	<i>s</i>	galeagine	D-K.
1804. <i>Galega officinalis</i> L.	<i>sd</i>	cusparine	Henry 630.
1805. <i>Gastrolobium bilobum</i> Ait.		cygnine	Sokolov 122.
1806. <i>Gastrolobium calycinum</i> Benth.	<i>l, s</i>	cygnine	Sokolov 122.
1807. <i>Gastrolobium grandiflorum</i> F. Muell.	<i>l</i>	unn.	Henry 780.
1808. <i>Genista aethnensis</i> DC.	<i>l, s, sd</i>	cytisine	Webb 241.
	<i>l, s</i>	retamine	White XI.
	<i>l, s</i>	sparteine	White XI.

1809. <i>Genista dasycarpa</i> Ball	<i>l, s</i>	sparteine	White XI.
1810. <i>Genista duriaeae</i> Spach	<i>l, s</i>	sparteine	White XI.
1811. <i>Genista ephedroides</i> DC.		cytisine	White XI.
1812. <i>Genista ferox</i> Poir.	<i>l, s</i>	cytisine	White XI.
1813. <i>Genista florida</i> L.	<i>sd</i>	cytisine	Klein 774.
1814. <i>Genista humifusa</i> L.	<i>l, s, fl</i>	anagyrine	White XI.
1815. <i>Genista monosperma</i> Lam.	<i>l, s</i>	anagyrine	White XXV.
	<i>sd</i>	cytisine	White XI.
	<i>l, s</i>	N-methylcytisine	White XXV.
	<i>l, s</i>	oxsparteine	White XXV.
	<i>l, s</i>	sparteine	White XI.
	<i>l, s</i>	sparteine	White XI.
	<i>l, s</i>	cytisine	White XI.
	<i>l, s</i>	cytisine	Klein 774.
	<i>l, s</i>	sparteine	White XI.
	<i>s, fr</i>	lupanine	CA 49:16345.
	<i>l, s</i>	salsolidine	Ribas 28.
		sparteine	CA 49:16345.
		cytisine	White XI.
		cytisine	White XI.
	<i>l</i>	sparteine	White XI.
	<i>l, s</i>	retamine	CA 51:11657.
	<i>l, s, fr</i>	sparteine	CA 51:11657.
	<i>l, s, fr</i>	unn. (5)	CA 51:11657.
	<i>l, s, fr</i>	cytisine	White XI.
		anagyrine	CA 46:6656.
		cytisine	CA 46:6656.
		N-methylcytisine	CA 46:6656.
	<i>b, s</i>	retamine	Merck.
		sparteine	Henry 118.
		cytisine	White XI.
	<i>l, s, fr</i>	anagyrine	CA 46:6656.
	<i>l, s, fr</i>	cytisine	CA 46:6656.
	<i>fl</i>	genisteine	White XI.
		N-methylcytisine	Henry 117.
		unn.	CA 48:11727.
		cytisine	White XI.
		cytisine	Klein 774.
	<i>l, s, sd</i>	triacanthine	CA 48:11727.
1829. <i>Genista transcaucasica</i> Schischk.	<i>sd</i>	trigonelline	M-H I 176.
1830. <i>Genista virgata</i> Link.	<i>l</i>		
1831. <i>Gleditsia triacanthos</i> L.			
1832. <i>Glycine soja</i> Sieb. & Zucc.			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1833. <i>Glycine tabacina</i> Benth.	<i>l, s, fr</i>	unn.	Webb 241.
1834. <i>Glycyrrhiza glandulifera</i> Waldst. & Kit.	<i>l</i>	unn.	CA 48:11727.
1835. <i>Hardenbergia monophylla</i> Benth.	<i>l</i>	unn.	Webb 241.
1836. <i>Hovea acutifolia</i> A. Cunn.	<i>l</i>	sparteine	CA 45:2954.
1837. <i>Hovea chorizemaefolia</i> DC.	<i>l</i>	unn.	Webb 241.
1838. <i>Hovea elliptica</i> DC.	<i>l</i>	unn.	Webb 268.
1839. <i>Hovea heterophylla</i> A. Cunn.	<i>l</i>	unn.	Webb 268.
1840. <i>Hovea linearis</i> Ait.	<i>l</i>	unn.	Webb 268.
1841. <i>Hovea longifolia</i> R. Br. in Ait.	<i>l</i>	sparteine	CA 45:2954.
1842. <i>Hovea longipes</i> Benth.	<i>l</i>	unn.	Webb 241.
1843. <i>Hovea pungens</i> Benth.	<i>l</i>	unn.	Webb 268.
1844. <i>Hovea trisperma</i> Benth.	<i>l</i>	unn.	Webb 268.
1845. <i>Indigofera australis</i> Willd.	<i>r</i>	unn.	Webb 241.
1846. <i>Indigofera endecaphylla</i> Jacq.	<i>l, s</i>	unn.	D-K.
1847. <i>Indigofera hirsuta</i> L.	<i>l</i>	unn.	D-K.
1848. <i>Jacksonia scoparia</i> R. Br.	<i>s, b</i>	unn.	Webb 241.
1849. <i>Jacksonia thesioides</i> A. Cunn.	<i>r</i>	unn.	Webb 268.
1850. <i>Laburnum alpinum</i> J. Presl	<i>l, fl, fr, sd</i>	cytisine	White V.
1851. <i>Laburnum anagyroides</i> Medic.	<i>sd</i>	cytisine	Merek.
1852. <i>Laburnum vulgare</i> J. Presl	<i>l, s, fl, sd</i>	cytisine	White V.
1853. <i>Lamprolobium fruticosum</i> Benth.	<i>sd</i>	unn.	Webb 268.
1854. <i>Lathyrus sativus</i> L.	<i>sd</i>	unn.	CA 45:3041.
1855. <i>Lathyrus vernus</i> Bernh.	<i>l</i>	unn.	White I.
1856. <i>Lespedeza bicolor</i> Turcz. var. <i>japonica</i> Nakai	<i>l</i>	alkaloid L	CA 52:14082.
1857. <i>Leucaena glauca</i> (Willd.) Benth.= <i>L. leucocephala</i> (Lam.) de Wit.	<i>sd</i>	leucenol	Henry 2.
1858. <i>Lotus australis</i> Andr.	<i>w</i>	mimosine	Orekhov 117.
1859. <i>Lotus caucasicus</i> Kuprian.		unn.	Webb 241.
1860. <i>Lotus</i> sp.		unn.	CA 48:11727.
1861. <i>Lupinus affinis</i> Agardh	<i>sd</i>	cytisine	Ribas 59.
		unn.	We 527.

1862. <i>Lupinus albococcineus</i> Hort.	<i>sd</i>	unn. hydroxylupanine lupanine sparteine anagyrine nonalupine pusilline spathulatine angustifoline hydroxylupanine isolupanine	We 527. CA 50:10338. CA 50:10338. CA 50:10338. Orekhou 78. Henry 117. M-H III 125. Orekhou 196. Monatsh 88:663. CA 50:10338. Archiv Pharm 290: 537. White VI. Ribas 91. CA 50:10338. White VII.
1863. <i>Lupinus albus</i> L.	<i>sd</i> <i>sd</i> <i>l</i>		
1864. <i>Lupinus andersonii</i> S. Wats.			
1865. <i>Lupinus angustifolius</i> L.	<i>sd</i> <i>sd</i> <i>sd</i>		
1866. <i>Lupinus arboreus</i> Sims.	<i>l, s, sd</i>	lupanine matrine unn. (4)	White VII.
1867. <i>Lupinus barbiger</i> S. Wats.	<i>l, s, sd</i>	lupanine sparteine dilupine sparteine trilopine unn	White VII. Henry 117. Henry 117. Henry 117. We 527.
1868. <i>Lupinus caeruleus</i> A. A. Heller	<i>l, s</i>	anagyrine	M-H III 121.
1869. <i>Lupinus caudatus</i> Kellogg	<i>sd</i>	α -isolupanine α -isosparteine lupanine monolupine rhombinine sparteine thermopsine hexalupine lupanine unn.	CA 45:8541. CA 45:8541. CA 45:8541. Henry 117. Orekhou 172. CA 45:8541. CA 45:8541. Henry 117. Klein 725. Wall 48. Wall 55.
1870. <i>Lupinus corymbosus</i> A. A. Heller	<i>w</i>		White XXVI.
1871. <i>Lupinus cruckshanksii</i> A. Gray	<i>w</i>		Henry 117.
1872. <i>Lupinus diffusus</i> Nutt.	<i>w</i>		We 523.
1873. <i>Lupinus excubitus</i> M. E. Jones	<i>w</i>		We 524.
1874. <i>Lupinus hartwegii</i> Lindl.	<i>w</i>		We 524.
1875. <i>Lupinus hilarianus</i> Benth.	<i>w</i>		M-H III 122.
1876. <i>Lupinus hirsutus</i> L.	<i>w</i>		White X.
1877. <i>Lupinus kingii</i> S. Wats.	<i>w</i>		
1878. <i>Lupinus lanceolatus</i>			
1879. <i>Lupinus laxiflorus</i> Dougl.			

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1880. <i>Lupinus taxus</i> Rydb.		lupanine lupilaxine sparteine trilupine unn.	Henry 117. CJC 31:181. Henry 117. Henry 117. Henry 117.
1881. <i>Lupinus linifolius</i> Roth	sd		We 524.
1882. <i>Lupinus luteus</i> L.	sd, l	unn	CA 49:8564.
1883. <i>Lupinus macounii</i> Rydb.	sd, l w	lupinine sparteine alkaloid P 1. anagyrine hydrorhombinine lupanine rhombinine pusilline spathulatine unn	CA 49:8564. CA 40:4070. M-H III 121. Henry 118. M-H III 123. Henry 118. M-H III 125. CJC 29:959. N-O.
1884. <i>Lupinus mariannus</i> Rydb.		lupanine lupinine sparteine lupinine sparteine lupinine sparteine lupinine sparteine unn	Ribas 32. Ribas 32. Ribas 32. Henry 117. Henry 117. Wall 55.
1885. <i>Lupinus multiflorus</i> Desr.	sd		Henry 118.
1886. <i>Lupinus mutabilis</i> Sweet	sd		Henry 118.
1887. <i>Lupinus niger</i> Pharm. ex Wehmer	sd		Henry 118.
1888. <i>Lupinus nuttallii</i> S. Wats.	sd		Henry 118.
1889. <i>Lupinus palmeri</i> S. Wats.	l, s	lupinine sparteine unn	Henry 118.
1890. <i>Lupinus perennis</i> L.	sd sd sd sd	tetalupine angustifoline hydroxylupanine lupanine unn	Monatsh 88:663. Archiv Pharm 287:290. Archiv Pharm 287: 290. Archiv Pharm 287:290.

1891. <i>Lupinus pilosus</i> Murr.	<i>l</i> , <i>s</i>	epilupinine	CJC 33:1290.
	<i>l</i> , <i>sd</i>	isolupinine	Ribas 32.
	<i>l</i> , <i>s</i>	lupanine	CJC 33:1290.
1892. <i>Lupinus polyphyllus</i> Lindl.	<i>sd</i>	hydroxylupanine	Henry 118.
1893. <i>Lupinus pubescens</i> Benth.	<i>sd</i>	lupanine	Henry 118.
1894. <i>Lupinus pusillus</i> Pursh	<i>w</i>	unn.	We 527.
	<i>w</i>	anagyrine	CA 43:3428.
	<i>w</i>	lupanine	CA 43:3428.
	<i>w</i>	pusilline	CA 43:3428.
	<i>w</i>	sparteine	CA 43:3428.
		hydroxylupanine	M-H III 123.
1895. <i>Lupinus sericeus</i> Pursh	<i>w</i>	8-hydroxyspartalupine	DA 19:441.
	<i>fl</i>	isolupanine	CA 48:12752.
	<i>fl</i>	lupanine	CA 48:12752.
	<i>fl</i>	lupanoline	CA 48:12752.
	<i>w</i>	lupilaxine	CA 48:12752.
		nonalupine	Henry 118.
		octalupine	Henry 118.
		pusilline	CJC 34:456.
		spartalupine	CJC 34:456.
		sparteine	CA 48:12752.
		spathulatine	Henry 118.
		spathulatine	We 524.
1896. <i>Lupinus spathulatus</i> Rydb.	<i>sd</i>	lupanine	Henry 118.
1897. <i>Lupinus termis</i> Forsk.	<i>sd</i>	epilupinine	CA 51:12430.
1898. <i>Lupinus varius</i> L.	<i>l</i> , <i>sd</i>	epilupinine N-oxide	CA 50:1057.
	<i>l</i> , <i>sd</i>	LV-1	CA 51:12430.
	<i>sd</i>	LV-2	CA 50:1057.
	<i>l</i>	LV-3, -4	CA 51:12430.
	<i>l</i>	sparteine	CA 51:12430.
	<i>l</i>	unn.	Wall 43.
	<i>w</i>	unn.	Wall 60.
1899. <i>Lupinus villosus</i> Willd.	<i>w</i>	hydroxylupanine	CA 47:6604.
1899A. <i>Lupinus westiana</i> Small	<i>w</i>	lupanine	CA 47:6604.
1900. <i>Lupinus wyethii</i> S. Wats.	<i>w</i>	sparteine	CA 47:6604.
	<i>w</i>	unn.	CA 47:6604.
	<i>b</i> , <i>l</i>	homostachydrine	CJC 37:1043.
1901. <i>Macroptilium lathyroides</i> Urb.	<i>l</i> , <i>s</i> , <i>sd</i>	stachydrine	CJC 37:1043.
1902. <i>Medicago sativa</i> L.	<i>sd</i>	trigonelline	CJC 37:1043.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1903. <i>Melilotus parviflora</i> Desf.	<i>l</i> , <i>s</i>	unn	Webb 241.
1904. <i>Mezoneurum robustum</i> C. T. White	<i>l</i> , <i>r</i>	unn	Webb 268.
1905. <i>Mezoneurum sumatranum</i> Wight & Arn.	<i>l</i> , <i>b</i>	unn	We 511.
1906. <i>Millettia australis</i> Benth. (<i>M. maideniana</i> F. M. Bailey).	<i>l</i>	unn	Webb 268.
1907. <i>Millettia megasperma</i> Benth.	<i>sd</i>	unn	Webb 241.
1908. <i>Mimosa hostilis</i> Benth.	<i>rb</i>	nigerine	Brazil pesq agron 4:45.
1909. <i>Mimosa invisa</i> Mart.	<i>l</i> , <i>s</i> , <i>r</i>	unn	D-K.
1910. <i>Mimosa pudica</i> L.	<i>l</i> , <i>s</i> , <i>r</i>	mimosine	Henry 4.
1911. <i>Mucuna capitata</i> Sweet	<i>sd</i>	unn	Webb 268.
1912. <i>Mucuna cylindrosperma</i> Welw. ex Baker	<i>l</i> , <i>sd</i>	physostigmine	We 584.
1913. <i>Mucuna gigantea</i> DC.	<i>w</i>	unn	Ribas 41.
1914. <i>Mucuna pruriens</i> DC.	<i>sd</i>	bases P, Q, R, S, X	Webb 241.
	<i>sd</i>	5-hydroxytryptamine	CA 52:5748.
	<i>sd</i>	mucuadine	Nature 174:925.
	<i>sd</i>	mucuadinine	CA 49:9881.
	<i>sd</i>	mucuadininine	CA 49:9881.
	<i>sd</i>	mueunadine	CA 49:9881.
	<i>sd</i>	mueunidine	CA 48:8793.
	<i>sd</i>	nicotine	CA 48:8793.
	<i>sd</i>	pruriendine	CA 49:9881.
	<i>sd</i>	prurifenine	CA 49:9881.
	<i>sd</i>	prurieninine	CA 48:8793.
	<i>sd</i>	physostigmine	CA 48:8793.
1915. <i>Mucuna urens</i> Medic.	<i>sd</i>	compound IV	Ribas 41.
1917. <i>Ormosia avilensis</i> Pittier	<i>sd</i>	ormosanine	ACSJ 80:1506.
	<i>sd</i>	panamine	ACSJ 80:1506.
	<i>sd</i>	compounds IV, V, VI	ACSJ 80:1506.
	<i>sd</i>	ormosanine	ACSJ 80:1506.
1918. <i>Ormosia coccinea</i> Jacks.	<i>sd</i>	ormosine	We 518.
	<i>sd</i>	ormosinine	We 518.

1919. <i>Ormosia dasycarpa</i> Jacks.	<i>sd</i>	ormosine	We 518.
1920. <i>Ormosia jamaicensis</i> Urb.	<i>sd</i>	ormosidine	We 518.
	<i>sd</i>	compounds IV, V, VII	ACSJ 80:1506.
	<i>sd</i>	ormosanine	ACSJ 80:1506.
	<i>sd</i>	ormosinine	ACSJ 80:1506.
	<i>sd</i>	panamine	ACSJ 80:1506.
	<i>sd</i>	compounds IV, V	ACSJ 80:1506.
	<i>sd</i>	ormosanine	ACSJ 80:1506.
	<i>sd</i>	ormosinine	ACSJ 80:1506.
	<i>sd</i>	panamine	ACSJ 80:1506.
	<i>sd</i>	compounds IV, V, VI	ACSJ 80:1506.
	<i>sd</i>	ormosanine	ACSJ 80:1506.
	<i>sd</i>	ormosinine	ACSJ 80:1506.
	<i>sd</i>	panamine	ACSJ 80:1506.
	<i>sd</i>	compounds IV, V, VI	ACSJ 80:1506.
	<i>sd</i>	ormosanine	ACSJ 80:1506.
	<i>sd</i>	ormosinine	ACSJ 80:1506.
	<i>sd</i>	panamine	ACSJ 80:1506.
	<i>sd</i>	N-methylecytisine	JOC 23:1074.
1924. <i>Ormosia stipitata</i> Schery	<i>sd</i>	compounds IV, V	ACSJ 80:1506.
1925. <i>Ormosia tovarensis</i> Pittier	<i>sd</i>	ormosanine	ACSJ 80:1506.
	<i>sd</i>	ormosinine	ACSJ 80:1506.
	<i>sd</i>	panamine	ACSJ 80:1506.
	<i>b</i>	unn.	Henry 781.
	<i>t</i>	unn.	Webb 268.
	<i>t, s, fl</i>	unn.	White XXII.
	<i>t</i>	lobine	Henry 781.
1926. <i>Ostryoderris chevalieri</i> Dunn	<i>t</i>	unn.	We 547.
1927. <i>Oxylobium ellipticum</i> R. Br.	<i>t, s, fr</i>	unn.	Webb 268.
1928. <i>Oxylobium lanceolatum</i> Druce	<i>t, s, fl</i>	unn.	Webb 268.
1929. <i>Oxylobium parviflorum</i> Benth.	<i>t, fr</i>	unn.	Wall 15.
1930. <i>Orytropis lambertii</i> Pursh	<i>w</i>	pauaine	Henry 776.
1931. <i>Pachyrrhizus erosus</i> Urb.	<i>t</i>	tetrahydroharman	Nature 168:517.
1932. <i>Parkinsonia aculeata</i> L.	<i>t, s</i>	unn.	Wall 15.
1933. <i>Peltogyne nitens</i>	<i>t, fr</i>	unn.	Webb 241.
1934. <i>Pentaclethra macrophylla</i> Benth.	<i>sd</i>	unn.	CA 42:2728.
1935. <i>Petalostylis labicheoides</i> R. Br.		unn.	We 575.
1936. <i>Petteria ramentacea</i> Presl			
1937. <i>Phaseolus semirectus</i> L.			
1938. <i>Phaseolus</i> sp.			
1939. <i>Physostigma cylindrospermum</i> Holmes			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1940. <i>Physostigma venenosum</i> Balf.	sd	eseramine	Henry 547.
	sd	eseridine	Henry 547.
	sd	geneserine	Henry 547.
	sd	isophysostigmine	Henry 547.
	sd	physostigmine	Henry 540.
	sd	physovenine	Henry 549.
	b	lilloine	N-O 111.
	fr	bufotenine	ACSJ 77:5892.
	fr	bufotenine oxide	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine oxide	ACSJ 77:5892.
	fr	unn	ACSJ 77:5892.
	l, b, wd	unn	BA 23:1939.
	sd	unn	ACSJ 77:5892.
1941. <i>Piptadenia excelsa</i> Lillo	fr	bufotenine	ACSJ 77:5892.
1942. <i>Piptadenia macrocarpa</i> Benth.	fr	bufotenine oxide	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine oxide	ACSJ 77:5892.
	fr	unn	BA 23:1939.
1943. <i>Piptadenia paniculata</i> Benth.	sd	unn	ACSJ 77:5892.
1944. <i>Piptadenia peregrina</i> Benth.	fr	bufotenine	ACSJ 77:5892.
	fr	bufotenine oxide	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine oxide	ACSJ 77:5892.
1945. <i>Piptanthus mongolicus</i> Maxim.	piptamine	Orekhov 193.	
1946. <i>Piptanthus nanus</i> Popov	piptanthine	Orekhov 193.	
	w	isopiptanthine	CA 52:8164.
	l, s	piptamine	CA 45:9548.
	l, s, r	piptanthine	CA 45:9548.
	r	sparteine	M-H V 319.
	l, s, sd	cytisine	White I.
1947. <i>Piptanthus nepalensis</i> Sweet	unn	Henry 782.	
1948. <i>Piscidia erythrina</i> L.	l, sd	Henry 7.	
1949. <i>Pisum sativum</i> L.	b, sd	Merck.	
1950. <i>Pithecellobium bigeminum</i> Mart.	b, s	D-K.	
1951. <i>Pithecellobium clypearia</i> Benth.	l	Arthur.	
1952. <i>Pithecellobium dulce</i> Benth.	b	We 485.	
1953. <i>Pithecellobium fasciculatum</i> Benth.	l	Wall 15.	
1954. <i>Pithecellobium flexicaule</i> Coult.	b		

1955. <i>Pithecellobium grandiflorum</i> Benth.	<i>l, b</i>	unn.	Webb 241.
1956. <i>Pithecellobium hendersonii</i> F. Muell.	<i>l</i>	unn.	Webb 241.
1957. <i>Pithecellobium hymeneafolium</i> Benth.	<i>b</i>	pithecellobine	We 484.
1958. <i>Pithecellobium lobatum</i> Benth.	<i>b, sd</i>	pithecellobine	Merck.
1959. <i>Pithecellobium moniliferum</i> Benth.	<i>b</i>	unn.	We 485.
1960. <i>Pithecellobium pruinosum</i> Benth.	<i>l, sd</i>	unn.	Webb 241.
1961. <i>Pithecellobium saman</i> Benth.	<i>b</i>	pithecellobine	ACSJ 75:6348.
1962. <i>Pithecellobium undulatum</i> (Britt. & Rose) Gentry	<i>l</i>	unn.	Wall 15.
1963. <i>Pithecellobium unguis-cati</i> Benth.	<i>b</i>	unn.	We 485.
1964. <i>Podalyria buxifolia</i> Willd.	<i>l, s</i>	lupanine	White VIII.
1966. <i>Podalyria calyprata</i> Willd.	<i>l, s, fl</i>	lupanine	White VIII.
1967. <i>Podalyria sericea</i> R. Br.	<i>l, s, sd</i>	lupanine	White VIII.
1968. <i>Podopetalum ormondi</i> F. Muell.	<i>l, s</i>	unn.	Webb 268.
1969. <i>Poinciana pulcherrima</i> L. = <i>Caesalpinia pulcherrima</i> (L.) Sw.	<i>b, l</i>	unn.	CA 44:2179.
1970. <i>Pongamia pinnata</i> (L.) Merr. (<i>P. glabra</i> Vent.)	<i>fr, b, rb</i>	unn.	Webb 241, 268.
1970A. <i>Prosopis juliflora</i> Benth.	<i>l, s</i>	unn.	Wall 60.
1971. <i>Prosopis ruscifolia</i> Griseb.	<i>l</i>	vinaline	CA 46:11311.
1972. <i>Prosopis vinalillo</i> Stueck.	<i>l</i>	vinaline	N-O.
1973. <i>Psoralea badocana</i> Blanco	<i>l</i>	unn.	Webb 268.
1974. <i>Psoralea cinerea</i> Lindl.	<i>l, s, fl</i>	unn.	Webb 268.
1975. <i>Psoralea glandulosa</i> L.	<i>l</i>	unn.	Falk 23.
1976. <i>Pterocarpus marsupium</i> Roxb.	<i>wd</i>	unn.	CA 50:9738.
1977. <i>Pueraria phaseoloides</i> Benth.	<i>s</i>	unn.	D-K.
1978. <i>Pultenaea</i> sp.	<i>l, s</i>	unn.	Webb 268.
1979. <i>Retama monosperma</i> Boiss.	<i>s</i>	anagyrine	Ribas 33.
	<i>s</i>	base X	Ribas 33.
	<i>s</i>	cytisine	Ribas 33.
	<i>s</i>	N-methylcytisine	Ribas 33.
	<i>s</i>	pachicarpine	Ribas 33.
	<i>s</i>	retamine	Ribas 33.
	<i>s</i>	sphaerocarpine	Ribas 33.
1980. <i>Retama raetam</i> Webb & Berth.	<i>l, s, fr</i>	retamine	CA 51:11657.
	<i>l, s, fr</i>	sparteine	CA 51:11657.
	<i>l, s, fr</i>	unn. (5)	CA 51:11657.
1981. <i>Retama sphaerocarpa</i> Boiss. (<i>Genista sphaerocarpa</i> Lam.).	<i>fr</i>	cytisine	Ribas 34.
	<i>fr</i>	retamine	M-H III 125.
	<i>fr</i>	sparteine	M-H III 126.
	<i>fr</i>	sphaerocarpine	CA 51:1212.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1982. <i>Rhynchosia pyramidalis</i> (Lam.) Urb.	sd	unn	•
1983. <i>Samanea saman</i> Merrill	l	unn	Webb 232.
1984. <i>Sarothamnus catalaunicus</i> Webb	l, s, fr	sparteine	Wall 26.
1985. <i>Sarothamnus scoparius</i> Koch (<i>S. vulgaris</i> Wimm.)	sd	genisteine	White II.
	sd	hydroxylupanine	Sokolov 123.
	sd	lupanine	Ribas 34.
	fl, sd	sarothamnine	Ribas 34.
1986. <i>Sesbania aculeata</i> Poir.	l, s, fr	sparteine	Sokolov 123.
1987. <i>Sesbania cinerascens</i> Welw.	sd	unn	Ribas 123.
1988. <i>Sesbania tripetii</i> F. T. Hubbard	l, s, fl	unn	Webb 268.
1989. <i>Smirnowia turkestanica</i> Bunge	l	smirnovine	We 574.
	l	smirnovinine	White I.
	l	sphaerophysine	CA 43:238.
1990. <i>Sophora alopecuroides</i> L.	l	aloperine	CA 45:8458.
	l	cytisine	CA 42:4718.
	l	matrine	Henry 118.
	l	pachycarpine	Sokolov 123.
	sd	sophocarpine	Henry 118.
	sd	sophoramine	Sokolov 123.
1991. <i>Sophora angustifolia</i> Sieb. & Zucc.	r	sophoridine	Henry 118.
	sd	cytisine	Henry 118.
	r	matrine	We 517.
	sd	oxymatrine	We 517.
1992. <i>Sophora chathamica</i> Cockayne	sd	sophocarpine	Henry 118.
1993. <i>Sophora chrysophylla</i> Seem.	sd	sophochrysine	Ribas 99.
	sd	anagyrine	White X.
1994. <i>Sophora flavescens</i> Ait.	r	cytisine	Henry 118.
	r	sophochrysine	Henry 118.
	r	anagyrine	Ber 91:2189.
	r	baptifoline	Ber 91:2189.
	r	hydroxymatrine	Ber 91:2189.

1995. <i>Sophora fraseri</i> Benth.	r	matrine	M-H III 124.
1995A. <i>Sophora griffithii</i> Stocks	r	matrine N-oxide	Ber 91:2189.
	r	N-methylcytisine	Ber 91:2189.
	l, s, fr	unn	Webb 268.
	l, sd	cytisine	CA 52:13017.
	l	pachycarpine	CA 52:13017.
	l, s	cytisine	White XXII.
		pachycarpine	Orekhov 186.
		sophocarpidine	CA 50:5241.
		sophocarpine	CA 50:5241.
		sparteine	CA 50:5241.
		pachycarpine	Orekhov 186.
		cytisine	Henry 118.
1996. <i>Sophora japonica</i> L.		matrine	Henry 118.
1997. <i>Sophora lupinoides</i> L.		N-methylcytisine	Henry 118.
		sophochrysine	Henry 118.
		matrine	Henry 118.
		pachycarpidine	CA 49:10319.
1998. <i>Sophora massagetovii</i> Fedtsch.		pachycarpine	Henry 118.
1999. <i>Sophora microphylla</i> Ait.		sophocarpine	Henry 118.
		sophoramine	CA 48:11438.
		sparteine	CA 27:3478.
2000. <i>Sophora pachycarpa</i> Schrenk	sd	cytisine	We 517.
	w	unn	Wall 60.
	l	cytisine	We 517.
	sd	cytisine	We 517.
	l	matrine	CA 43:3016.
	sd	N-methylcytisine	CA 43:3016.
	l	sophochrysine	Henry 118.
	sd	cytisine	Henry 118.
	sd	unn	Webb 268.
2001. <i>Sophora secundiflora</i> Lag.	sd	cytisine	We 517.
	sd	unn	Ribas 35.
	l, s	cytisine	Ribas 35.
	sd	cytisine	Ribas 35.
2002. <i>Sophora sericea</i> Nutt.	sd	matrine	Henry 118.
2003. <i>Sophora speciosa</i> Benth.	sd	N-methylcytisine	Henry 118.
2004. <i>Sophora tetraptera</i> J. Mill.	sd	sophochrysine	Henry 118.
	sd	cytisine	Webb 268.
	fl, sd	unn	We 517.
	sd	anagyryne	Ribas 35.
	l, fr	cytisine	Ribas 35.
	fl, s	N-methylcytisine	Ribas 35.
	fl, sd	sparteine	Henry 118.
	fl	sparteine	Merek.
2005. <i>Sophora tomentosa</i> L.	sd	unn	D-K.
2006. <i>Sophora wightii</i> Baker	l	sphaerophysine	Henry 630.
2007. <i>Spartium junceum</i> L.	l, s, fr	unn	Webb 241.
2008. <i>Spartium scorarium</i> L.			
2009. <i>Spatholobus gyrocarpus</i> Benth.			
2010. <i>Sphaerophysa salsa</i> DC.			
2011. <i>Swainsona galegifolia</i> R. Br.			

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
2012. <i>Swainsona luteola</i> F. Muell.	w	unn	Webb 241.
2013. <i>Swainsona procumbens</i> F. Muell.	w	unn	Webb 268.
2014. <i>Sweetia panamensis</i> Benth.		sweetine	Mass Pharm 18:24.
2015. <i>Templetonia retusa</i> R. Br.	l, s	cytisine	White XXII.
2016. <i>Tephrosia candida</i> DC.	l, s	unn	D-K.
2017. <i>Tephrosia aff. coriacea</i> Benth.	l	unn	Webb 268.
2018. <i>Tephrosia macropoda</i> Harv.	l, s, fr	unn	Webb 241.
2019. <i>Tephrosia purpurea</i> (L.) Pers.	l, s	unn	Webb 241.
2019A. <i>Tephrosia virginiana</i> (L.) Pers.	l, s	unn	Wall 55.
2020. <i>Tephrosia</i> sp.	l, s	unn	Webb 241.
2021. <i>Thermopsis alpina</i> Ledeb.	w	unn	CA 35:4154.
2022. <i>Thermopsis alerniflora</i> Regel & Schmalh.	w	unn	CA 35:4154.
2023. <i>Thermopsis fabacea</i> DC.		cytisine	CA 49:13597.
2024. <i>Thermopsis lanceolata</i> R. Br.	sd	N-methylcytisine anagyrine cytisine homothermopsine N-methylcytisine pachycarpine sparteine thermopsine anagyrine cytisine 3-methoxypyridine N-methylcytisine rhombifoline rhombinine thermopsine unn	CA 49:13597. Henry 118. CA 43:6371. Henry 118. Henry 118. Sokolov 123. Henry 118. Henry 118. Orehov 172. Henry 118. M-H III 124. Henry 118. Henry 118. Henry 118. Henry 118. Wall 26.
2025. <i>Thermopsis rhombifolia</i> Richards.		trigonelline trigonelline trigonelline	We Sup 206. We Sup 206. M-H I 176.
2026. <i>Trachylobium hornemannianum</i> Hayne.	l		
2027. <i>Trigonella caerulea</i> Ser.	w		
2028. <i>Trigonella cretica</i> Boiss.	w		
2029. <i>Trigonella foenum-graecum</i> L.	sd		

560871—9	2030. <i>Trigonella lilacina</i> Boiss.	w.	trigonelline	We Sup 206.
	2031. <i>Trigonella radiata</i> Boiss.	w.	trigonelline	We Sup 206.
	2032. <i>Trigonella spinosa</i> L.	w.	trigonelline	We Sup 206.
	2033. <i>Ulex europeus</i> L.	fl., fr. b., s., fl., sd.	anagyrine cytisine unn.	CA 46:6331. White V. Henry 118. CA 46:6331.
	2034. <i>Ulex nanus</i> Forst.	s., fr. sd.	anagyrine cytisine unn.	CA 46:6331. CA 48:11727. Orekhover 601. ACSJ 54:2038.
	2035. <i>Vicia balansae</i> Boiss.	sd.	physostigmine	Merck.
	2036. <i>Vicia calabonica</i>		convicine	Merck.
	2037. <i>Vicia faba</i> L.		convicine	CA 48:11727.
	2038. <i>Vicia sativa</i> L.		vicine	CA 41:6574.
	2039. <i>Vicia variegata</i> Willd.	w.	unn.	CA 41:6574.
	2040. <i>Virgilia capensis</i> Lam.	w.	lupanine(?)	CA 41:6574.
		w.	virgilidine	CA 41:6574.
		w.	virgiline	CA 41:6574.
	LILIACEAE			
	2041. <i>Allium odorum</i> L.	l.	unn.	PPSJ 42:120.
	2041A. <i>Allium tricoccum</i> Ait.	t., r.	unn.	Wall 60.
	2042. <i>Amianthium muscaetoxicum</i> A. Gray	t., r.	amianthine	CA 49:4688.
		t., r.	jervine	CA 49:4688.
		t., r.	unn. (2)	CA 49:4688.
	2043. <i>Androcymbium gramineum</i> Macbride	fl., sd., bu.	colchicine	Sant.
	2044. <i>Androcymbium</i> sp.		colchicine	CA 50:16990.
	2045. <i>Asparagus plumosus</i> Baker	t., r.	unn.	Webb 268.
	2046. <i>Asphodelus</i> sp.	w.	colchicine	M-H II 263.
	2047. <i>Brodiaea uniflora</i> Engl.	w.	unn.	Wall 13.
	2048. <i>Bulbine semibarbata</i> Haw.	r.	unn.	Webb 268.
	2049. <i>Bulbocodium</i> sp.	bu.	colchicine	M-H II 263.
	2050. <i>Colchicum agrippinum</i> Baker	bu.	colchicine	CA 46:9264.
	2051. <i>Colchicum alpinum</i> DC.	bu., sd., fl., l.	colchicine(?)	Sant.
	2052. <i>Colchicum arenarium</i> Waldst. & Kit.	bu., sd.	colchicine	Sant.
		bu., sd.	demecolcine	CA 50:1266.
			unn (2)	CA 50:1266.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LILICEAE—Continued			
2053. <i>Colchicum autumnale</i> L.	<i>f.</i> , <i>bu</i>	colchicine	Sant.
	<i>l</i> , <i>f</i> , <i>sd</i> , <i>bu</i>	colchicine	Henry 650.
	<i>sd</i> , <i>bu</i>	compounds B, C, G	CA 45:2152.
	<i>sd</i>	compounds F, S	CA 49:343.
	<i>bu</i>	compounds D, I, J, U	CA 49:9605.
		demecolcine	BA 28:9439.
2054. <i>Colchicum bisignanii</i> Tenore	<i>sd</i>	colchicine	LCSJ 80 II:679.
2055. <i>Colchicum bivonae</i> Guss.	<i>sd</i>	colchicine	LCSJ 80 II:679.
2056. <i>Colchicum bornmülleri</i> Freyn	<i>bu</i>	colchicine	Sant.
2057. <i>Colchicum cilicicum</i> Hayek & Siehe	<i>bu</i>	colchicine	Sant.
2058. <i>Colchicum crocifolium</i> Boiss.	<i>bu</i>	colchicine	Sant.
2059. <i>Colchicum cupani</i> Guss.	<i>w</i>	colchicine	M-H II 263.
2060. <i>Colchicum hierosolymitanum</i>	<i>bu</i>	colchicine	Sant.
2061. <i>Colchicum laetum</i> Stev.	<i>sd</i>	colchicine	LCSJ 80 II:679.
2062. <i>Colchicum lusitanum</i> Brot.	<i>bu</i> , <i>f</i>	colchicine	CA 50:1266.
2063. <i>Colchicum luteum</i> Baker	<i>bu</i>	colchicine	CA 50:1266.
	<i>bu</i>	unn.	CA 50:1266.
2064. <i>Colchicum montanum</i> L.	<i>bu</i>	colchicine	Sant.
	<i>sd</i>	colchicine	LCSJ 80 II: 679.
2065. <i>Colchicum multiflorum</i> Brot.	<i>bu</i>	colchicine(?)	Sant.
2066. <i>Colchicum neapolitanum</i> Tenore	<i>bu</i>	colchicine	Sant.
	<i>sd</i>	colchicine	LCSJ 80 II:679.
2067. <i>Colchicum persicum</i> Baker	<i>sd</i>	colchicine	LCSJ 80 II:679.
2068. <i>Colchicum ruthenicum</i>	<i>l</i>	colchicine(?)	Sant.
2069. <i>Colchicum speciosum</i> Stev.	<i>bu</i>	colchamine	CA 48:095.
	<i>bu</i>	colchicerine	CA 44:800.
	<i>bu</i> , <i>f</i>	colchicine	CA 49:9605.
	<i>bu</i>	compounds C, F, S	CA 49:9605.
	<i>f</i>	demeocoline	CA 49:9605.
	<i>bu</i>	speciosine	CA 51:8119.
	<i>sd</i>	colchicine	Sant.
2070. <i>Colchicum variegatum</i> L.			LCSJ 80 II:679.

2071. <i>Colchicum veratrisfolium</i>	<i>sd</i>	colchicine	LCSJ 80 II:679.
2072. <i>Colchicum vernum</i> Kunth	<i>bu</i>	colchicine	CA 46:9264.
2073. <i>Colchicum</i> sp.	<i>sd</i>	O-demethyl-N-methyldeacetyl-colchicine	CA 50:4107.
2074. <i>Cordyline terminalis</i> Kunth	<i>l</i>	unn.	Webb 268.
2075. <i>Dianella caerulea</i> Sims	<i>l, fr, r</i>	unn.	Webb 241, 268.
2076. <i>Drimia</i> sp.	<i>bu</i>	unn.	Wall 13.
2076A. <i>Erythronium americanum</i> Ker.	<i>l, s</i>	unn.	Wall 55.
2077. <i>Eustrephus latifolius</i> R. Br.	<i>l, s, r, fr</i>	unn.	Webb 241.
2078. <i>Fritillaria caucasica</i> Adam	<i>bu</i>	imperialine	CA 48:11727.
2079. <i>Fritillaria imperialis</i> L.	<i>bu</i>	imperoline	CA 53:7503.
	<i>bu</i>	iperonine	Ber 91:1968.
	<i>bu</i>	peiminine(?)	Ber 91:1968.
	<i>bu</i>	imperialine	CA 53:5591.
	<i>bu</i>	unn.	CA 53:5591.
2079A. <i>Fritillaria meleagris</i> L.		unn.	CA 48:11727.
2080. <i>Fritillaria racemosa</i> Sm.	<i>bu</i>	alvanidine	CA 50:13971.
2081. <i>Fritillaria raddeana</i> Regel	<i>bu</i>	alvanine	CA 50:13971.
	<i>bu</i>	raddeamine	CA 50:13971.
	<i>bu</i>	raddeanine	CA 50:13971.
2082. <i>Fritillaria roylei</i> Hook.		fritimine	We Sup. 90.
		peimidine	Henry 733.
		peimine	Henry 732; CA 51: 444.
		peiminine	Henry 732; CA 51: 444.
		peimiphine	Henry 733.
		peimisine	Henry 733.
		peimitidine	Henry 733.
	<i>bu</i>	alginine	M-H V 309.
2083. <i>Fritillaria sewerzowii</i> Regel		sipeimine	CA 51:445.
2084. <i>Fritillaria thunbergii</i> Miq. (?) (si-pei-mu)	<i>bu</i>	peimine	CA 51:444.
2085. <i>Fritillaria usuriensis</i> Maxim.	<i>bu</i>	fritillarine	Henry 732.
2086. <i>Fritillaria verticillata</i> Willd.	<i>bu</i>	fritilline	Merck.
		verticilline	Henry 732.
		verticine	Henry 732.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LILIACEAE—Continued			
2087. <i>Fritillaria</i> spp.	<i>bu</i>	bellupeimine	CA 51:444.
	<i>bu</i>	chinpeimine	CA 51:444.
	<i>bu</i>	colchicine	M-H II 263.
	<i>bu</i>	fritiminine	CA 51:444.
		minpeimine	CA 53:647.
		minpeiminine	CA 53:647.
	<i>bu</i>	sonpeimine	CA 51:444.
	<i>bu</i>	unn.	CA 51:444.
	<i>bu</i>	colchicine	CA 47:12537.
	<i>bu</i>	demethylcolchicine	CA 47:12537.
	<i>bu</i>	N-formyldesacetylcolchicine	CA 47:12537.
	<i>bu</i>	colchicine	CA 47:12537.
	<i>bu</i>	demethylcolchicine	CA 47:12537.
	<i>bu</i>	N-formyldesacetylcolchicine	CA 47:12537.
	<i>bu</i>	colchicine	CA 52:655.
	<i>bu</i>	demethylcolchicine	CA 52:655.
	<i>fl, bu</i>	N-formyldesacetylcolchicine	CA 52:655.
	<i>bu</i>	gloriosine	CA 48:2078.
	<i>fl, bu</i>	lumicolicicine	CA 52:655.
	<i>bu</i>	unn.	CA 50:378.
		colchicine	CA 50:4453.
2091. <i>Gloriosa virrescens</i> Lindl.	<i>s, fl, r</i>	unn.	Webb 268.
2092. <i>Gloriosa</i> sp.	<i>rh</i>	unn.	Wall 13.
2093. <i>Hemerocallis</i> sp.		colchicine	M-H II 263.
2094. <i>Iphigenia indica</i> A. Gray	<i>bu</i>	unn.	Wall 13.
2095. <i>Kreysigia multiflora</i> Reichb.	<i>w</i>	unn.	Webb 241.
2095A. <i>Lilium superbum</i> L.	<i>l, s, r</i>	unn.	Webb 241, 268.
2096. <i>Littonia modesta</i> Hook.	<i>l, s, fl, r</i>	unn.	Wall 55.
2097. <i>Lloydia</i> sp.	<i>bu</i>	colchicine	CA 51:2951.
2097A. <i>Melanthium virginicum</i> L.	<i>l, s, fl, r</i>	colchicine	M-H II 263.
2098. <i>Merendera attica</i> Boiss. & Sprun.	<i>bu</i>	unn.	Wall 55.
		colchicine	CA 46:9264.

2099. <i>Merendera bulbocodium</i> Ram.	<i>bu</i>	colchicine	Sant.
2100. <i>Merendera caucasica</i> Bieb.	<i>l, bu</i>	colchicine	M-H II 263.
2101. <i>Merendera kesselringii</i> Regel	<i>l</i>	colchicine	Sant.
2102. <i>Merendera persica</i> Boiss.	<i>bu</i>	colchicine	Sant.
2103. <i>Merendera robusta</i> Bunge	<i>l, sd, bu</i>	colchicine	CA 46:9264.
2104. <i>Merendera sobolifera</i> Fisch. & Mey.	<i>l, bu</i>	colchicine	CA 51:8377.
2105. <i>Merendera trigyna</i> Woronov	<i>sd</i>	colchicine	M-H II 263.
2106. <i>Muscari</i> sp.		unn.	CA 48:11727.
2107. <i>Nolina texana</i> S. Wats.	<i>s</i>	unn.	Wall 13.
2107A. <i>Ophiopogon virosa</i> (<i>Flueggea virosa</i> Baill.)	<i>b</i>	flueggeine	CA 49:16345.
	<i>b</i>	unn.	CA 49:16345.
2108. <i>Ornithogalum</i> sp.	<i>l</i>	colchicine	M-H II 263.
2109. <i>Rhipogonium discolor</i> F. Muell.	<i>w</i>	unn.	Webb 268.
2110. <i>Rhodea japonica</i> Roth	<i>w</i>	unn.	Wall 13.
2111. <i>Ruscus hypoglossum</i> L.	<i>sd</i>	unn.	Wall 13.
2112. <i>Sabadilla officinarum</i> Brandt & Ratzeb.	<i>r</i>	unn.	We Sup 178.
2113. <i>Sansevieria zeylanica</i> Willd.	<i>sd</i>	cevacine	Henry 782.
2114. <i>Schoenocaulon officinale</i> A. Gray	<i>sd</i>	cevadilline	ACSJ 75:5519.
	<i>sd</i>	cevadine	Henry 701.
	<i>sd</i>	cevine	Henry 701.
	<i>sd</i>	dehydrocevadine	CA 50:7114.
	<i>sd</i>	hydroalkamine S	CA 50:7114.
	<i>sd</i>	neosabidine	Archiv Pharm 291:288.
	<i>sd</i>	protocevine	ACSJ 75:5519.
	<i>sd</i>	sabadine	Henry 701.
	<i>sd</i>	sabatine	APAJ 48:303.
	<i>sd</i>	sabine	APAJ 48:303.
	<i>sd</i>	vanillylveracevine	Quart Rev 12:34.
	<i>sd</i>	veracevine	Quart Rev 12:34.
	<i>sd</i>	veragermine	Quart Rev 12:34.
	<i>sd</i>	veratridine	Henry 701.
	<i>bu</i>	unn.	Wall 13.
		caffeine	Orekhov 659.
2115. <i>Scilla lancifolia</i> (S. <i>lanceaefolia</i> Baker)	<i>l</i>	unn.	Webb 268.
2116. <i>Scilla maritima</i> L.	<i>r</i>	unn.	Henry 782.
2117. <i>Smilax australis</i> R. Br.	<i>l, s, r</i>	unn.	Webb 241.
2118. <i>Smilax pseudo-china</i> L.		unn.	M-H II 263.
2119. <i>Stypandra glauca</i> R. Br.		colchicine	
2120. <i>Tofieldia</i> sp.			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LILIACEAE—Continued			
2121. <i>Tulipa gesneriana</i> L.		tulipine	Orekhov 724.
2122. <i>Tulipa</i> sp.		colchicine	CA 25:4657.
2123. <i>Urginea altissima</i> Baker	bu	unn	Wall 13.
2124. <i>Urginea</i> sp.	bu	unn	Wall 13.
2125. <i>Veratrum album</i> L.	l	alkaloid X	CA 51:3087.
	r	angeloylzygadenine	CA 52:1551.
	rh	deacetylgermitrine	CA 50:14789.
	rh	deacetylneoprotoveratrine	CA 50:14789.
	rh	deacetylprotoveratrine	CA 50:14789.
	rh	geralbine	CA 48:5876.
	rh	germerine	Henry 701.
	rh	germine	Henry 701.
	rh	germitrine	CA 50:14789.
	rh	isorubijervine	Henry 701.
	rh	jervine	Henry 701.
		neogermbudine	ACSJ 78:1621.
	rh	protoveratridine	Henry 701.
	l	protoveratrine	Henry 701.
	rh	protoveratrine A, B	CA 51:3087.
	rh	ψ-jervine	Henry 701.
	r	rubijervine	Henry 701.
	r	rubiverine	CA 52:12882.
	r	synaine	CA 52:12882.
	r	veralbidine	CA 48:2078.
		veratetrine	CA 50:14789.
		veratramine	CA 52:1551.
	r	veratridine	Quart Rev 12:34.
	r	veratrobasine	CA 48:5876.
	r	veratroylzygadenine	CA 48:11440.
	l	verine	CA 52:12882.
		unn	CA 51:12429.
		unn. (2)	CA 52:1551.

2126. <i>Veratrum anthenicum</i>	r	colchicine.....	M-H II 263.
2127. <i>Veratrum eschscholtzii</i> A. Gray	r	escholerine.....	CA 49:5409.
	r	isorubijervine.....	Quart Rev 12:34.
	r	isorubijervosine.....	CA 48:5196.
	r	jervine.....	Quart Rev 12:34.
	r	neogermitrine.....	CA 49:5409.
	r	ψ -jervine.....	Quart Rev 12:34.
	r	rubijervine.....	Quart Rev 12:34.
	r	veratramine.....	Quart Rev 12:34.
	r	veratrosine.....	Quart Rev 12:34.
	r	veratroylzygadenine.....	CA 49:5409.
	r	germanitrine.....	AC SJ 75:4925.
	r	germinitrine.....	AC SJ 75:4925.
	r	jervine.....	AC SJ 75:4925.
	r	neogermitrine.....	AC SJ 75:4925.
	r	ψ -jervine.....	AC SJ 75:4925.
	r	veratroylzygadenine.....	AC SJ 75:4925.
	r	jervine.....	Henry 701.
	r	veratramine.....	CA 34:3275.
	rh	unn.....	CA 49:3472.
	r, bu	jervine.....	Henry 701.
2128. <i>Veratrum fimbriatum</i> A. Gray	l, s, r	protoveratrine.....	CA 45:8209.
	r	germerine.....	Quart Rev 12:34.
	r	jervine.....	Henry 701.
	r	rubijervine.....	Quart Rev 12:34.
	r	veratroylzygadenine.....	Quart Rev 12:34.
	sd	unn.....	CA 44:9517.
	rh	unn.....	Orekhov 718.
	rh	jervine.....	CA 49:3471.
	r	veratramine.....	CA 49:3471.
	r	cevadine.....	Henry 701.
	r	deacetyleneprotoveratrine.....	CA 48:10035.
	r	germbudine.....	Quart Rev 12:34.
	r	germerine.....	CA 48:2734.
	r	germidine.....	CA 45:3398.
	r	germine.....	Henry 701.
	r	germitrine.....	CA 45:3398.
	r	isogermidine.....	CA 48:2734.
	r	jervine.....	Quart Rev 12:34.
2129. <i>Veratrum grandiflorum</i> (Maxim.) O. Loes.		neogermbudine.....	AC SJ 77:3348.
2130. <i>Veratrum japonicum</i> O. Loes.			
2131. <i>Veratrum lobelianum</i> Bernh.			
2132. <i>Veratrum nigrum</i> L.			
2133. <i>Veratrum sabadilla</i> Retz.			
2134. <i>Veratrum stamineum</i> Maxim.			
2135. <i>Veratrum viride</i> Ait.			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LILIACEAE—Continued			
2135. <i>Veratrum viride</i> Ait.—Continued	r-----	neogermitrine	CA 47:9559.
	r-----	protoveratridine	Henry 701.
	r-----	protoveratrine A and B	Quart Rev 12:34.
	r-----	ψ-jervine	Henry 701.
	r-----	rubijervine	Henry 701.
	r-----	veratetrine	CA 48:2734.
	r-----	veratramine	Henry 701.
	r-----	veratridine	Henry 701.
	r-----	veratrosine	Henry 701.
	r-----	unn	CI 1953:488.
	r-----	tienmulilmine	CA 52:6716.
	r-----	tienmulilmine	CA 52:6716.
	r-----	veragenine	CA 50:4991.
	r-----	zygadenine	Quart Rev 12:34.
	w, r-----	unn	BA 9:14508.
	bu-----	zygadenine	CA 50:4995.
	l-----	zygadenine	SDAC 35:124.
2138. <i>Zygadenus gramineus</i> Rydb.	l, s, fl-----	zygadenine	Merck.
2139. <i>Zygadenus intermedium</i> Rydb.	l, s, fl-----	zygadenine	Falck 27.
2140. <i>Zygadenus mexicanus</i> Hemsl.	l, s, fl-----	zygadenine	Quart Rev 12:34.
2141. <i>Zygadenus paniculatus</i> S. Wats.	l, s, fl-----	isogermidine	AC SJ 77:755.
	l, s, fl-----	neogermidine	AC SJ 77:755.
	l, s, fl-----	neogermitrine	AC SJ 77:755.
	l, s, fl-----	vanillyloylzygadenine	AC SJ 77:755.
	l, s, fl-----	veratroylzygadenine	AC SJ 77:755.
	l, s, fl-----	zygacine	AC SJ 77:755.
	l, s, fl-----	zygadenine	Quart Rev 12:34.
2142. <i>Zygadenus sibiricus</i> A. Gray	unn	unn	Henry 779.
2143. <i>Zygadenus venenosus</i> S. Wats.	germidine	germidine	CA 47:11542.
	germine	germine	CA 48:2729.
	neogermidine	neogermidine	CA 47:11542.
	neogermitrine	neogermitrine	CA 47:11542.
	protoveratridine	protoveratridine	CA 47:11542.

		protoveratrine A, B.....	Quart Rev 12:34.
		vanillyloylzygadenine.....	CA 48:2729.
		veratroylzygadenine.....	CA 48:2729.
		zygacine.....	CA 50:1855.
		zygadenine.....	CA 48:2729.
LOGANIACEAE			
2144.	<i>Buddleia madagascariensis</i> Lam.	<i>l</i>	Webb 268.
2145.	<i>Fagraea cambagei</i> Domin.	<i>l</i>	Webb 241.
2146.	<i>Fagraea crassifolia</i> Blume.....	<i>l, fr, b</i>	We 961.
2147.	<i>Fagraea fragrans</i> Roxb.	<i>b</i>	We 961.
		<i>l, s</i>	D-K.
2148.	<i>Fagraea imperialis</i> Miq.	<i>fr</i>	We 960.
2149.	<i>Fagraea lanceolata</i> Blume.....	<i>l, fr, b</i>	We 961.
2150.	<i>Fagraea muelleri</i> Benth.	<i>l, fr, b</i>	Webb 268.
2151.	<i>Fagraea peregrina</i> Blume.....	<i>l, fr, b</i>	We 961.
2152.	<i>Gelsemium elegans</i> Benth.	<i>l</i>	CA 48:2326.
		<i>r, s</i>	Henry 739.
		<i>r</i>	Henry 739.
		<i>r</i>	Henry 739.
		<i>r</i>	Henry 739.
		<i>w</i>	Henry 739.
		<i>r</i>	Henry 740.
		<i>r, rh</i>	CA 48:2326.
		<i>r, rh</i>	BA 28:6851.
		<i>r, rh</i>	CA 46:2553.
		<i>r, rh</i>	Henry 737.
		<i>r, rh</i>	Henry 736.
		<i>r, rh</i>	Henry 736.
		<i>r, rh</i>	CA 48:12130.
		<i>r, rh</i>	M-H II 430.
		<i>r, rh</i>	M-H II 430.
		<i>r, rh</i>	AC SJ 75:4372.
		<i>unn</i>	Webb 268.
		<i>unn</i>	Webb 268.
		<i>sempervirine</i>	BA 25:25508.
		<i>unn</i>	CA 43:9381.
		<i>spigeline</i>	We 961.
		<i>spigeline</i>	We 961.
		<i>spigeline</i>	Henry 782.
2154.	<i>Geniotoma australianum</i> F. Muell.	<i>sd</i>	Henry 553.
2155.	<i>Logania aff. pusilla</i> R. Br.	<i>l</i>	
2156.	<i>Mostuea buchholzii</i> Engl.	<i>l, s</i>	
2157.	<i>Mostuea stimulans</i> A. Cheval.	<i>b</i>	
2158.	<i>Spigelia anthelmia</i> L.	<i>l</i>	
2159.	<i>Spigelia glabrata</i> Mart.	<i>l</i>	
2160.	<i>Spigelia marilandica</i> L.		
2161.	<i>Strychnos aculeata</i> Solered.		

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LOGANIACEAE—Continued			
2162. <i>Strychnos amazonica</i> Krukoff	b-----	alkaloids α , γ , δ , ϵ mavacurine	CA 52: 10123. CA 52:10123.
2163. <i>Strychnos angolensis</i> Gilg	b, r-----	unn	CA 52:3265.
2164. <i>Strychnos arborea</i> A. W. Hill	l, s, b-----	unn	CA 47:5627. Webb 241.
2165. <i>Strychnos bancroftiana</i> F. M. Bailey	l, sd-----	unn	Webb 241.
2166. <i>Strychnos castelnaei</i> Wedd.	b-----	unn	Henry 373.
2167. <i>Strychnos cinnamomifolia</i> Thw.	-----	brucine strychnine	Henry 553. Orekhov 547.
2168. <i>Strychnos cogens</i> Benth.	-----	curare alkaloids	Henry 553.
2169. <i>Strychnos colubrina</i> L.	-----	brucine	Henry 553.
2170. <i>Strychnos crevauxii</i> G. Planch.	-----	strychnine	Henry 553.
2171. <i>Strychnos diaboli</i> Sandw.	-----	curare alkaloids	Orekhov 548.
2172. <i>Strychnos divaricans</i> Ducke	-----	diaboline calebassine	BA 28:9429. BA 30:17561. BA 30:17561.
2173. <i>Strychnos erichsonii</i> Schomb.	b-----	curarine	M-B.
2174. <i>Strychnos foetida</i>	b-----	eritrocurarine I C-fluorocurarine	M-B. M-B.
2175. <i>Strychnos glabra</i> Sagot	b-----	unn	CA 49:8319. CSJ 1949:955.
2176. <i>Strychnos guibei</i> G. Planch.	b-----	curarine	M-B.
2177. <i>Strychnos guianensis</i> Baill.	b-----	fluorocurarine mavacurine	M-B. M-B.
	rb-----	toxiferine I unn (14)	BA 30:17567. CA 49:8319. Orekhov 548. P-T IV 481. M-B.
	-----	curare alkaloids	Gaz Chim Ital 86:1305.
	-----	brucine	
	-----	curarine	
	-----	eritrocurarines I, II	

	<i>rb</i>	guaiacurarines I, II, III, VIII, IX.	Gaz Chim.
2178. <i>Strychnos</i> cf. <i>guianensis</i> Baill.	<i>b</i>	guaiacurine	Ital 86:1305.
2179. <i>Strychnos henningsii</i> Gilg	<i>b</i>	C-guaianine	M.-B.
2180. <i>Strychnos hirsuta</i> Spruce	<i>b</i>	strychnine	CA 49:15924.
	<i>b</i>	unn.	P-T IV 481.
	<i>b</i>	unn.	CA 51:12437.
	<i>b</i>	unn. (2)	LCSJ 1949:955.
	<i>b</i>	unn.	Henry 553.
	<i>b</i>	unn.	M.-B.
2181. <i>Strychnos holstii</i> Gilg	<i>l, s</i>	condensamine	CSJ 1949:955.
	<i>l, s</i>	holstine	CA 46:2756.
	<i>l, s</i>	holstiline	CA 46:2756.
	<i>l, s</i>	retuline	CA 46:2756.
	<i>b</i>	brucine	CA 46:2756.
	<i>b, l, r</i>	strychnine	BA 25:15119.
	<i>b</i>	unn.	BA 25:15119.
2182. <i>Strychnos icaja</i> Baill.	<i>sd</i>	brucine	BA 25:15119.
	<i>sd</i>	strychnine	Henry 553.
2183. <i>Strychnos ignatii</i> Berg.	<i>b</i>	brucine	Henry 553.
2184. <i>Strychnos javanica</i>		unn.	P-T IV 481.
2185. <i>Strychnos jobertiana</i> Baill.		curalethaline	CA 52:3265.
2186. <i>Strychnos lethalis</i> Barb. Rodr.		strychnolethaline	Henry 372.
2187. <i>Strychnos ligustrina</i> Blume	<i>sd, b</i>	brucine	Henry 372.
2188. <i>Strychnos lucida</i> R. Br.	<i>b</i>	strychnine	Henry 553.
	<i>sd</i>	brucine	Henry 553.
	<i>fr</i>	strychnine	Henry 553.
	<i>sd</i>	brucine	CA 47:12411.
	<i>l</i>	loganine	CA 47:12411.
2189. <i>Strychnos macrophylla</i> Barb. Rodr.	<i>b</i>	strychnine	CA 47:12411.
	<i>b</i>	lucidine-L and -S	CA 42:7941.
	<i>b</i>	fluorocurine	CA 52:10492.
	<i>b</i>	macrophylline A and B	CA 52:10492.
	<i>b</i>	mavacurine	CA 52:10492.
	<i>b</i>	C-fluorocurine	Helv 40:1167.
	<i>b</i>	C-mavacurine	Helv 40:1167.
2190. <i>Strychnos melinoniana</i> Baill.	<i>b</i>	melinonines A and B	BA 26:19340.
	<i>b</i>	melinonines E, F, G, H, I, K, L, M.	Helv 40:1167.
	<i>b</i>	narcotine	Helv 40:1167.
		thebaine	Helv 40:1167.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LOGANIACEAE—Continued			
2191. <i>Strychnos nitscherlichii</i> Schomb.	b b	C-alkaloid A, B, C, I. C-calebassine	Karrer. Karrer. Helv 41:26.
	b	C-curarine I	Karrer.
	b	C-fluorocurarine	Karrer.
	b	C-fluorocururinine	Karrer.
	b	mavacurine	BA 30:17561.
	b	unn. (23)	CA 49:8319.
	b	unn.	N-O.
	sd	brucine	Henry 553.
	sd	α - and β -colubrine	M-H I 376.
	sd	novaccine	CA 47:5951.
	l.	struxine	Henry 553.
	sd	strychnicine	Henry 553.
	sd	strychnine	Henry 553.
	sd	ψ -strychnine	M-H I 376.
	sd	vomicine	Henry 553.
	sd	unn.	CA 52:3265.
	sd	unn.	M-B.
	b	unn.	CA 52:3265.
2194. <i>Strychnos pachycarpa</i> Ducke	b	brucine	P-T IV 481.
2195. <i>Strychnos parvifolia</i> A. DC.		cinchonidine	CA 52:506.
2196. <i>Strychnos peckii</i> B. L. Robinson		eupreine(?)	CA 52:506.
2197. <i>Strychnos potatorum</i> L.		quinidine	CA 52:506.
2198. <i>Strychnos pseudo-quina</i> A. St. Hil.		quinine	CA 52:506.
	b	brucine	Webb 232.
2199. <i>Strychnos psilosperma</i> F. Muell.	b	psilospermine	M-B.
	l.	spermostrychnine	CA 47:12411.
	l.	strychnicine	Webb 232.
	l.	strychnine	Webb 232.
	l.	strychnospermine	CA 47:12411.

2200. <i>Strychnos rheedei</i> C. B. Clarke	<i>l, sd, b</i>	unn.	Webb 241.
	<i>sd, b, wd</i>	brucine	P-T IV 481.
	<i>b, wd</i>	strychnine	P-T IV 481.
	<i>b</i>	calebassine	N-B.
	<i>b</i>	curarine	M-B.
	<i>b</i>	fluorocurarine	M-B.
	<i>b</i>	mavacurine	M-B.
	<i>b</i>	unn. (16)	BA 30:17567.
		curare alkaloids	Orekhov 547.
		alkaloids C, D, E, F, G	BA 31:12074.
	<i>b</i>	calebassine	BA 31:12074.
		calebassinine	BA 31:12074.
		curarine	BA 31:12074.
		fluorocurarine	BA 31:12074.
		fluorocurarine	BA 31:12074.
		fluorosolimoesines I, II, III, IV	BA 31:12074.
	<i>b</i>	mavacurine	M-B.
		precurarine	BA 31:12074.
		premavacurines I, II, III	BA 31:12074.
		rubrocurarines I, II, III, IV	BA 31:12074.
		solimocurarine	BA 31:12074.
		solimoessines I, II, III	BA 31:12074.
		toxiferine I	Riss.
		alkaloid L	CA 52:10123.
		caracurine III	CA 52:10123.
		curarine	M-B.
		deacetylidiaboline	CA 52:10123.
		erythrocurarine III	CA 52:10123.
		fluorescent alkaloids I, II	CA 52:10123.
		fluorocordatidine	CA 52:10123.
		fluorocurarine	CA 52:10123.
		fluorocurarine	CA 52:10123.
		guaiacurarines III, IV, X	CA 52:10123.
		guaiacurine	M-B.
		mavacurine	CA 52:10123.
		unn.	CA 52:3265.
		brucine	P-T IV 481.
		strychnine	P-T IV 481.
2205. <i>Strychnos ticeule</i> Lesch.	<i>l, sd</i>		
	<i>l, s, rb</i>		

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LOGANIACEAE—Continued			
2206. <i>Strychnos tomentosa</i> Benth.	b	curarine	M-B.
	b	fluorocurarine	M-B.
	b	fluorocurine	M-B.
	b	toxiferine I	M-B.
	unn. (22)	unn.	BA 30:17567
2207. <i>Strychnos torresiana</i> Krukoff & Monachino	b	unn.	M-B.
2208. <i>Strychnos toxifera</i> Schomb.	b	alkaloids A, B	Henry 382.
	b	C-alkaloids UB, X	Henry 382.
	b	C-alkaloid Y	CA 49:15924.
	b	calebassine	Henry 382.
	b	calebassinine	Henry 382.
	b	caracurines I-IX	Karrer.
	b	fedamazine	CA 49:15924.
	b	fluorocurine	Henry 382.
	b	C-fluorocurine	CA 49:15924.
	b	C-mavacurine	CA 49:15924.
	b	nor-C-dihydro-toxiferine	CA 50:5994.
	b	toxiferines I-XII	LCSJ 1949: 3263.
2209. <i>Strychnos trinervis</i> (Vell.) Mart.	b	alkaloid J	CA 49:8319.
	b	C-calebassine	CA 49:8319.
	b	C-eurarine	CA 49:8319.
	b	C-fluorocurarine	CA 49:8319.
	b	C-fluorocurarinine	CA 49:8319.
	b	fluorocurine	M-B.
	b	toxiferine H, K	CA 49:8319.
	unn. (16)	unn.	CA 49:8319.
2210. <i>Strychnos vacacoua</i> Baill.	b	bakankosine	Henry 554.
2211. <i>Strychnos</i> sp.	b	eucurarine	Henry 372.
2212. <i>Strychnos</i> spp. (calabash curare)	l, s, fr.	unn. C-alkalooids A, B, C, D, E, F, G, H, I, J, L, M, O, P, Q, R, S, T, UB, X, Y.	D-K. Karrer.

LORANTHACEAE

2213. *Loranthus quandang* Lindl.
 2214. *Loranthus* sp. on *Duboisia myoporoides* R. Br.
 2215. *Loranthus* sp. on *Zanthoxylum brachyacanthum* F. Muell.
 2216. *Notothixos subaureus* Oliver
 2217. *Phoradendron californicum* Nutt.
 2218. *Phoradendron flavescens* Nutt.
 2219. *Phoradendron villosum* Nutt.
 2220. *Viscum album* L.
2221. *Viscum angulatum* Heyne

	C-alkaloid 2	Karrer.
	C-calebassine	Karrer.
	C-calebassinine	Karrer.
	C-curarines I, II, III	Karrer.
	γ-fluorocurine toxiferines I, II	Karrer.
	C-fluorocurine	Karrer.
	C-fluorourinine	Karrer.
	C-guaianine	Karrer.
	C-isodihydro-toxiferine	Karrer.
	C-mavacurine	Karrer.
	C-xanthocurine	Karrer.

Webb 241.
 CA 47:2431.
 Webb 268.
 Webb 268.
 Webb 241.
 M-H III 318.
 M-H III 318.
 M-H III 318.
 M-H III 317.
 M-H III 318.
 I-R.
 Webb 241.

LYCOPÓDIACEAE

- 2221A. *Lycopodium alopecuroides* L.
 2222. *Lycopodium annotinum* L.

w	unn.	Wall 55.
fd	O-acetylacrifoline	CJC 34:1189.
fd	acrifoline	CA 47:9988.
fd	annotine	CA 47:9988.
fd	annotinine	CA 47:9988.
fd	annotoxine	CA 47:9988.
fd	isolycopodine	CA 47:9988.
fd	L 8	CJC 31:272.
fd	L 9, 10	CJR 21B:92.
fd	L 28, 29, 31	CA 53:649.
fd	lycodine	CJC 36:902.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LYCOPODIACEAE—Continued			
2222. <i>Lycopodium annotinum</i> L.—Continued.....	fd	lycopodine.....	CJR 21B:92.
	fd	obscurine.....	CJR 21B:92.
	fd	unn. (2).....	CA 47:9988.
	fd	unn. (5).....	CA 53:649.
	fd	aerifoline.....	ACSJ 69:2126.
	fd	annotinine.....	ACSJ 69:2126.
	fd	lycopodine.....	ACSJ 69:2126.
	fd	L 28-31.....	ACSJ 69:2126.
	fd	cernuine.....	CA 42:4594.
	fd	L 33.....	CA 42:4594.
	fd	nicotine.....	CA 42:4594.
	fd	annotine.....	Ber 85:663.
	fd	clavatine.....	M-H V 297.
	fd	clavatoxine.....	M-H V 297.
	fd	L 13, L 18, L 19.....	M-H V 297.
	fd	lycopodine.....	M-H V 297.
	fd	nicotine.....	M-H V 297.
	fd	complanatine.....	CJR 20B:87.
	fd	L 2-5.....	CJR 20B:87.
	fd	lycopodine.....	CJR 20B:87.
	fd	nicotine.....	CJR 20B:87.
	fd	obscurine.....	CJR 20B:87.
	fd	L 34, 35.....	BA 28:6849.
	fd	lycopodine.....	BA 28:6849.
	fd	complanatine.....	M-H V 297.
	fd	L 2-5.....	M-H V 297.
	fd	lycopodine.....	M-H V 297.
	fd	nicotine.....	M-H V 297.
	fd	obscurine.....	M-H V 297.
	fd	unn.....	APAJ 34:197.
	fd	unn.....	Wall 55.

2230. <i>Lycopodium lucidulum</i> Michx.	<i>fd</i>	L 13, L 20-25	CJR 24B:57.
	<i>fd</i>	lycopodine	CJR 24B:57.
	<i>fd</i>	nicotine	CJR 24B:57.
2231. <i>Lycopodium obscurum</i> L.	<i>fd</i>	L 13, 16, 17	CJR 22B:53.
	<i>fd</i>	lycopodine	CJR 22B:53.
	<i>fd</i>	obscurine	CJR 22B:53.
	<i>fd</i>	L 13, 26	CJR 24B:63.
	<i>fd</i>	lycopodine	CJR 24B:63.
	<i>fd</i>	nicotine	Henry 753.
2232. <i>Lycopodium sabinaefolium</i> Willd.	<i>fd</i>	pilljanine	Henry 753.
	<i>fd</i>	sauroxine	Henry 753.
2233. <i>Lycopodium saurus</i> Lam.	<i>fd</i>	saururine	CA 50:17318.
	<i>fd</i>	acrifoline	CA 50:17318.
2234. <i>Lycopodium selago</i> L.	<i>fd</i>	L 8	CA 50:17318.
	<i>fd</i>	lycopodine	CA 50:17318.
	<i>fd</i>	ψ-selagine	CA 50:17318.
2235. <i>Lycopodium tristachyum</i> Pursh	<i>fd</i>	L 13-15	CJR 22B:1.
	<i>fd</i>	lycopodine	CJR 22B:1.
	<i>fd</i>	nicotine	CJR 22B:1.

LYTHRACEAE

2236. <i>Ammannia auriculata</i> Willd.	<i>l, s, fr</i>	unn.	Webb 268.
2237. <i>Ammannia pentandra</i> Roxb.	<i>w</i>	unn.	Webb 241.
2238. <i>Lagerstroemia speciosa</i> Pers.	<i>s</i>	unn.	D-K.
2239. <i>Lagerstroemia tomentosa</i> Presl	<i>l</i>	unn.	D-K.
2239A. <i>Lythrum lanceolatum</i> Ell.	<i>l, s, r</i>	unn.	Wall 60.
2240. <i>Nesaea salicifolia</i> H.B.K.	<i>l</i>	unn.	Webb 268.

MAGNOLIACEAE

2241. <i>Elmerrillia</i> sp.	<i>b, rb</i>	unn.	Webb PS.
2242. <i>Liriodendron tulipifera</i> L.	<i>l</i>	tulipiferine	Merck.
	<i>l, s</i>	unn.	Wall 55.
2242A. <i>Magnolia acuminata</i> L.	<i>b</i>	unn.	Wall 55.
2243. <i>Magnolia denudata</i> Desr.	<i>r</i>	magnocurarine	CA 47:12288.
	<i>b</i>	magnoflorine	CA 51:2823.
	<i>b</i>	salicifoline	CA 47:12288.
	<i>b</i>	unn.	CA 47:12288.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MAGNOLIACEAE—Continued			
2244. <i>Magnolia fuscata</i> Andr.	<i>l</i>	magnolamine	Henry 355.
	<i>l</i>	magnoline	Henry 354.
	<i>l</i>	tetrandrine	Henry 355.
	<i>r</i>	candidine	CA 50:6475.
	<i>b</i>	magnoflorine	CA 50:6475.
	<i>r, b</i>	salicifoline	CA 50:6475.
	<i>b</i>	magnoflorine	[Tokyo] Pharm Bul 4:409.
2245. <i>Magnolia grandiflora</i> L.	<i>b</i>	salicifoline	CA 47:12409.
	<i>b</i>	magnocurarine	CA 48:955.
	<i>b, wd, r</i>	salicifoline	CA 48:955.
	<i>l, b</i>	unn. (2)	CA 48:955.
2246. <i>Magnolia kobus</i> DC.	<i>b</i>	magnocurarine	CA 46:5059.
	<i>b</i>	magnocurarine	CA 51:10548.
	<i>b</i>	magnoflorine	CA 51:10548.
	<i>b</i>	magnocurarine	CA 47:1627.
	<i>b</i>	salicifoline	CA 47:1627.
2247. <i>Magnolia liliiflora</i> Desr.	<i>b</i>	salicifoline	CA 47:12409.
	<i>b</i>	magnocurarine	D-K.
	<i>b, wd, r</i>	salicifoline	Henry 782.
2248. <i>Magnolia obovata</i> Thunb.	<i>l</i>	unn. (2)	Henry 782.
2249. <i>Magnolia parviflora</i> Sieb. & Zucc.	<i>b</i>	magnocurarine	
2250. <i>Magnolia salicifolia</i> Maxim.	<i>b</i>	magnocurarine	
2251. <i>Magnolia stellata</i> Maxim.	<i>b</i>	salicifoline	
2252. <i>Michelia champaca</i> L.	<i>l, s, fr, sd</i>	unn.	
2253. <i>Talauma mexicana</i> G. Don	<i>l</i>	aztequine	
	<i>l</i>	talaumine	
MALPIGHIACEAE			
2254. <i>Banisteria caapi</i> Spruce	<i>l, s</i>	harmaline	AC SJ 79:5735.
	<i>b, wd</i>	harmine	AC SJ 79:5735.
	<i>l, s</i>	tetrahydroharmine	AC SJ 79:5735.
	<i>l</i>	unn.	Webb 241.
2255. <i>Banisteria chrysophylla</i> Lam.	<i>l</i>	harmine	CA 36:1389.
2256. <i>Banisteria lutea</i> Ruiz	<i>s, l</i>	harmine	Henry 488.
2257. <i>Banisteria metallicolor</i> A. Juss. (<i>B. lutea</i> Ruiz)	<i>s, l</i>	harmine	CA 48:2983.
2258. <i>Banisteriopsis inebrians</i> Morton	<i>l, s</i>	harmine	CA 49:14906.
2259. <i>Cabi paraensis</i> Ducke			

2260. <i>Lophanthera lactescens</i> Ducke (<i>L. longifolia</i> Griseb.)		lophanterine	Henry 776.
MALVACEAE			
2261. <i>Abutilon malvifolium</i> J. M. Black (<i>A. oxycarpum</i> F. Muell.).	<i>l, s</i>	unn.	Webb 268.
2262. <i>Gossypium hirsutum</i> L.	<i>fr</i>	5-hydroxytryptamine	CR 247:1382.
2263. <i>Gossypium</i> sp.	<i>l, s</i>	unn.	CA 42:2728.
2264. <i>Hibiscus diversifolius</i> Jacq.	<i>l</i>	unn.	Webb 268.
2265. <i>Hibiscus mutabilis</i> L.	<i>r</i>	unn.	Arthur.
2266. <i>Hibiscus radiatus</i> Willd.	<i>s</i>	unn.	Webb 268.
2267. <i>Hibiscus sturtii</i> Hook.	<i>w</i>	unn.	Webb 241.
2268. <i>Malvastrum spicatum</i> A. Gray	<i>l, s, sd</i>	unn.	Webb 241.
2269. <i>Malvastrum tricuspidatum</i> A. Gray	<i>l, s, r</i>	unn.	Webb 268.
2270. <i>Sida acuta</i> Burm. f.	<i>l</i>	ephedrine	Webb 232.
2271. <i>Sida cordifolia</i> L.	<i>w</i>	ψ -ephedrine	Orekhov 672.
2272. <i>Sida fibulifera</i> Lindl.	<i>l, s, fl</i>	unn.	Webb 268.
2273. <i>Sida rhombifolia</i> L.	<i>l, s, fl</i>	unn.	Webb 268.
2274. <i>Sida spinosa</i> L.	<i>w</i>	ephedrine	Henry 635.
2275. <i>Urena lobata</i> L.	<i>l, s, fl, r</i>	unn.	Wall 55.
	<i>w</i>	unn.	Webb 268.
MELASTOMATACEAE			
2276. <i>Clidemia hirta</i> D. Don	<i>w</i>	unn.	D-K.
MELIACEAE			
2277. <i>Aglaia sapindina</i> Harms (<i>Hearnia sapindina</i> F. Muell.).	<i>l</i>	unn.	Webb 268.
2278. <i>Amoora nitidula</i> Benth.	<i>l</i>	unn.	Webb 241, 268.
2279. <i>Aphanamixis grandifolia</i> Bl.	<i>fr</i>	unn.	We 662.
2280. <i>Dysoxylum amoorooides</i> Miq.	<i>b</i>	unn.	We 661.
2281. <i>Dysoxylum decandrum</i> Merrill	<i>l, fr</i>	unn.	Webb 241.
2282. <i>Dysoxylum fraserianum</i> Benth.	<i>l, fr, b</i>	unn.	Webb 241, 268.
2283. <i>Dysoxylum muelleri</i> Benth.	<i>l, b</i>	unn.	Webb 268.
2284. <i>Dysoxylum pettigrewianum</i> F. M. Bailey	<i>b</i>	unn.	Webb 241.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MELIACEAE—Continued			
2285. <i>Dysoxylum</i> spp.		unn.	
2286. <i>Entandrophragma palustre</i> Stamer	b.	unn.	Webb PS. CA 28:6760.
2287. <i>Lansium domesticum</i> Jack	sd	unn.	We 662.
2288. <i>Melia azadirachta</i> L.	fr.	azaridine	Henry 781.
	b.	margosine	Henry 781.
	l.	paraisine	Henry 781.
	rb.	unn.	D-K.
	l.	naregamine	We 661.
2289. <i>Melia indica</i> Brand	rb.	unn.	Webb 241.
2290. <i>Naregamia alata</i> Wight & Arn.	l.	unn.	BA 25:37655.
2291. <i>Owenia venosa</i> F Muell.	b.	unn.	We 661.
2292. <i>Ptaeroxylon obliquum</i> Radlk.	b.	unn.	We 661.
2293. <i>Sandoricum indicum</i> Cav.	b.	unn.	Webb 268.
2294. <i>Sandoricum nervosum</i> Blume	b.	unn.	Bisset 125.
2295. <i>Xylocarpus granatum</i> Koen. (<i>Carapa moluccensis</i> Lam.).	l.	unn.	
2296. <i>Xylocarpus moluccensis</i> M. Roem.	sd	unn.	
MENISPERMACEAE			
2297. <i>Abula</i> sp.		unn.	BA 23:27419.
2298. <i>Anamirta coccinea</i> Wight & Arn.	fr.	cocculine	Merck.
	fr.	menispermine	Merck.
	fr.	paramenispermine	Merck.
2299. <i>Anamirta paniculata</i> Colebr.	sd	menispermine	Henry 349.
2300. <i>Anomospermum grandifolium</i> Eichl.	sd	paramenispermine	Henry 349.
2301. <i>Archangelisia flava</i> Merrill	s.	berberine	Sokolov 119.
	s.	isochondodendrine	CA 43:2626.
		berberine	Henry 329.
		columbamine	Henry 329.
		jatrorrhizine	Henry 329.
2302. <i>Archangelisia lemniscata</i> Becc.	wd.	shobakunine	Henry 329.
		berberine	We 335.

2303. <i>Burasia madagascariensis</i> DC.	<i>wd</i>	burasaine	CA 51:18486.
	<i>wd</i>	columbamine	CR 247:2427.
	<i>wd</i>	jatrorrhizine	CR 247:2427.
	<i>wd</i>	palmatine	CR 247:2427.
	<i>l, s</i>	unn.	Webb 268.
2304. <i>Carronia multisepalea</i> F. Muell.	<i>s</i>	bebeerine	Henry 364.
2305. <i>Chondodendron candicans</i> Sandw.	<i>s</i>	isochondodendrine	Henry 364.
2306. <i>Chondodendron limaciifolium</i> (Diels) Moldenke	<i>wd</i>	bases A, B	LCSJ 1954:150.
2307. <i>Chondodendron microphyllum</i> (Eichl.) Moldenke	<i>wd</i>	isochondodendrine	LCSJ 1954:159.
2308. <i>Chondodendron platyphyllum</i> Miers	<i>r</i>	bebeerine	Henry 364.
	<i>r</i>	isochondodendrine	Henry 364.
	<i>l, s, r</i>	bebeerine	Henry 364.
	<i>l</i>	chondodendrine	Orekhov 540.
	<i>l, r</i>	chondofoline	Henry 364.
	<i>r</i>	isochondodendrine	Henry 364.
2309. <i>Chondodendron tomentosum</i> Ruiz & Pav.	<i>l</i>	isococlaurine	Henry 364.
	<i>r</i>	chondourine	Henry 377.
	<i>l</i>	chondidine	Merck.
	<i>r</i>	curine	Henry 373.
	<i>s</i>	isochondodendrine	M-H IV 224.
2310. <i>Cissampelos insularis</i> Makino	<i>l</i>	methylisochondodendrine	M-H IV 227.
2311. <i>Cissampelos ochiaiana</i> Yamamoto	<i>r</i>	tomentourine	CA 43:2626.
2312. <i>Cissampelos pareira</i> L.	<i>r</i>	tubocurarine	Henry 374.
	<i>r</i>	insularine	Webb 232.
	<i>r</i>	methylisochondodendrine	M-H IV 227.
	<i>r</i>	insularine	Webb 232.
	<i>r</i>	bebeerine	Webb 232.
	<i>r</i>	cissampeline	Orekhov 753.
2312A. <i>Cocculus carolinus</i> (L.) DC.	<i>l</i>	hyatine	CA 50:2623.
2313. <i>Cocculus diversifolius</i> DC.	<i>r</i>	hyatinine	CA 50:2626.
	<i>r</i>	isochondodendrine	Orekhov 536.
	<i>r</i>	sepeerine	Webb 232.
	<i>unn.</i>	unn.	Wall 55.
	<i>diversine</i>	diversine	Merck.
	<i>isotetrandrine</i>	isotetrandrine	Orekhov 524.
	<i>kukoline</i>	kukoline	Merck.
	<i>tetrandrine</i>	tetrandrine	Orekhov 524.
	<i>unn.</i>	unn.	CA 51:6091.
	<i>isotetrandrine</i>	isotetrandrine	Orekhov 524.
2314. <i>Cocculus hirsutus</i> Dicks	<i>w</i>	tetrandrine	Orekhov 524.
2315. <i>Cocculus japonicus</i> DC.			Orekhov 524.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MENISPERMACEAE—Continued			
2316. <i>Cocculus laurifolius</i> DC.	<i>l</i>	cocculidine	CA 44:6582.
	<i>l</i>	cocculine	CA 44:6582.
	<i>w, r</i>	coclaimine	CA 51:1542.
	<i>b, wd</i>	coclanoline	CA 49:4683.
	<i>w, r</i>	coelaureine	CA 48:12131.
	<i>b, wd</i>	coclifoline	CA 51:1542.
	<i>b, wd</i>	dihydroerysodine	CA 51:8115.
	<i>b, wd</i>	laurifoline	CA 48:12131.
	<i>b, wd</i>	magnoflorine	CA 51:10004.
	<i>b, wd</i>	trilobine	CA 48:12131.
	<i>l, b</i>	unn	CA 48:12131.
	<i>s</i>	palmatine	M-H IV 86.
	<i>s</i>	unn	Webb 241.
2317. <i>Cocculus leaeba</i> DC.	<i>p</i>	palmatine	Orekhov 388.
2318. <i>Cocculus moorei</i> F. Muell.	<i>s</i>	isotrilobine	Henry 350.
2319. <i>Cocculus palmatus</i> DC.	<i>s</i>	menisarine	Henry 350.
2320. <i>Cocculus sarmentosus</i> Diels	<i>s</i>	trilobine	Henry 350.
	<i>s</i>	fangchinoline	CA 33:4257.
	<i>s</i>	isotrilobine	Henry 350.
	<i>r</i>	magnoflorine	CA 51:5098.
	<i>r</i>	menisidine	Sokolov 119.
	<i>r</i>	menisine	Sokolov 119.
	<i>r</i>	normenisarine	Henry 350.
	<i>r</i>	tetrandrine	CA 33:4257.
	<i>r</i>	trilobamine	Henry 350.
	<i>r</i>	trilobine	Henry 350.
2322. <i>Coscinium blumeanum</i> Miers	<i>r</i>	berberine	Henry 329.
	<i>r</i>	jatrorrhizine	Henry 329.
	<i>r</i>	palmatine	Henry 329.
2323. <i>Coscinium fenestratum</i> Colebr.	<i>r</i>	berberine	Henry 329.
	<i>r</i>	jatrorrhizine	Sokolov 119.
	<i>r</i>	palmatine	Sokolov 119.

2324. <i>Coscinium wallichianum</i> Miers.	<i>s, r</i>	unn.	D-K.
2325. <i>Cyclea burmanni</i> Miers.	<i>r</i>	burmannaline	CA 49:11794.
	<i>r</i>	burmannine	CA 49:11794.
	<i>rh</i>	cyclanoline	CA 51:9646.
2326. <i>Cyclea insularis</i> (Makino) (<i>Paracyclea insularis</i> (Makino) Kudo & Yamamoto) (<i>Cissampelos insularis</i> Makino).	<i>l, s</i>	cycleanine	CA 45:2956.
	<i>rh</i>	insulanoline	CA 53:7219.
	<i>rh</i>	insularine	CA 51:9646.
	<i>rh</i>	isochondodendrine	CA 51:9646.
	<i>rh</i>	magnoflorine	CA 51:9646.
	<i>rh</i>	norcycleanine	CA 53:7219.
2327. <i>Elissarrhena grandiflora</i> .		unn.	Henry 372.
2328. <i>Fawcettia tinasporoides</i> F. Muell.	<i>r</i>	unn.	Webb 268.
2329. <i>Fibraurea chloroleuca</i> Miers.	<i>t</i>	jatrorrhizine	CA 44:8601.
	<i>t</i>	palmatine	CA 44:8601.
2330. <i>Hypserpa cuspidata</i> Miers.	<i>s</i>	unn.	D-K.
2331. <i>Hypserpa decumbens</i> Diels (<i>Adeliopsis decumbens</i> Benth.)	<i>l</i>	unn.	Arthur.
2332. <i>Hypserpa laurina</i> Diels (<i>Limacia selwynii</i> F. Muell.)	<i>b, l</i>	unn.	Webb 241, 268.
2333. <i>Jateorhiza colomba</i> Miers.		jatrorrhizine	Orekhov 404.
2334. <i>Jateorhiza palmata</i> Miers.		palmatine	Orekhov 388.
		columbamine	Henry 329.
		jatrorrhizine	Henry 329.
		palmatine	Henry 329.
2335. <i>Legnephora moorei</i> Miers.	<i>rb</i>	isocorydine	CA 47:4603.
		veneficine	APCP 12.
2336. <i>Legnephora</i> sp.	<i>l, b</i>	unn.	Webb 241.
2337. <i>Menispermum acutum</i> Thunb.	<i>rb</i>	unn.	Webb PS.
		sinomenine	M-H IV 136.
2338. <i>Menispermum canadense</i> L.	<i>r</i>	tuduranine	M-H IV 136.
	<i>l, s</i>	dauricine	M-H IV 207.
2339. <i>Menispermum dauricum</i> DC.	<i>rh</i>	unn.	Wall 55.
	<i>rh</i>	dauricine	Henry 350.
	<i>w, r</i>	menisperine	CA 50:4458.
2340. <i>Menispermum palmatum</i> Lam.		sinomenine	CA 51:1543.
2341. <i>Parabaena hirsuta</i> Diels	<i>r</i>	tetrandrine	Henry 350.
		palmatine	Orekhov 388.
		palmatine	CA 47:6428.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MENISPERMACEAE—Continued			
2342. <i>Pericampylus glaucus</i> Merrill		menisidine	Orekhov 527.
2344. <i>Pleogyne cunninghamii</i> Miers	r.	menisine	Orekhoy 527.
	r.	bebeerine	CA 45:822.
		isochondodendrine	CA 45:822.
2345. <i>Pycnarrhena manillensis</i> Vidal	l, fr, rb	unn	Webb 241, 268.
	r.	ambaline	Henry 777.
		ambalinine	Henry 777
		pycnamine	Santos 94.
		pycnarrhenamine	Santos 94.
		pycnarrhenine	Santos 94.
		pycnarrhine	Santos 94.
		unn	Webb 268.
2346. <i>Sarccpetalum harveyanum</i> F. Muell.	l, r.	acutumine	We 1307.
2347. <i>Sinomenium acutum</i> Rehd. & Wils.	r.	cryptopalmatine	Orekhov 505.
	r.	disinomenine	We 1307.
	w	diversine	We 1307.
	r.	isosinomenine	CA 52:11091.
	r.	magnoflorine	PSJJ 76:857.
	r.	sinactine	We 1307.
	r.	sinomenine	We 1307.
	r.	tuduranine	We 1307.
	s, r.	sinomenine	M-H II 220.
2348. <i>Sinomenium diversifolius</i> Diels		unn	Webb 268.
2349. <i>Stephania aculeata</i> F. M. Bailey		crebanine	CA 45:3401.
2350. <i>Stephania capitata</i> Spreng.	r.	cyclleanine	CA 45:3401.
		dicentrine	CA 45:3401.
		epistephanine	CA 45:5173.
		stephanine	CA 45:3401.
		berbamine	CA 45:5173.
		cepharanthine	Henry 350.
		cyclleanine	CA 45:5173.
2351. <i>Stephania cephalantha</i> Hayata		isotetrandrine	Henry 350.

2352. <i>Stephania dinkelagii</i> Diels		methylisochondodendrine	Henry 350.
2353. <i>Stephania glabra</i> Miers		tetrandrine	Orekhov 524.
	r	unn.	CA 49:1159.
	t	gindaricine	CA 45:823.
	t	gindarine	CA 48:14117.
	t	gindarinine	CA 48:14117.
		unn.	CA 45:4410.
2354. <i>Stephania hernandifolia</i> Walp.		unn.	Webb 241.
2355. <i>Stephania japonica</i> Miers		base VIII	Henry 361.
	s	epistephanine	Henry 361.
	s	ψ -epistephanine	Henry 361.
	s	hasubanoline	CA 47:5951.
	s	homostephanoline	Henry 361.
	s	hypoepistephanine	CA 50:14789.
	s	insularine	CA 50:10112.
	s	metaphanine	Henry 361.
	r	protostephanine	Henry 361.
	r	stephanine	Henry 361.
	s	stephanoline	Henry 361.
	s	steponine	CA 51:11361.
	r	rotundine	CA 46:125.
		berbamine	CA 45:5173.
		cepharanthine	Henry 350.
		crebanine	CA 45:3399.
		phanostenine	CA 45:3399.
		unn. (2)	Henry 350.
		isotetrandrine	Orekhov 524.
		menisidine	Henry 350.
	r	menisine	Henry 350.
	b	tetrandrine	Henry 350.
	b, r	unn.	Webb PS.
		tiliacorine	Merck.
		tiliacorine	CA 52:7337.
		unn. (2)	CI 1959:702.
2356 <i>Stephania rotunda</i> Lour.		unn.	CA 50:1056.
2357. <i>Stephania sasakii</i> Hayata		berberine	Kuyaganont.
		palmatine	We 334.
2358. <i>Stephania tetrandra</i> S. Moore		unn.	Webb 232.
			Bisset 125.
2359. <i>Stephania</i> sp.			
2360. <i>Tiliacora acuminata</i> Miers			
2361. <i>Tiliacora racemosa</i> Colebr.			
2362. <i>Tinomiscium philippinense</i> Diels			
2363. <i>Tinospora bakis</i> Miers			
2364 <i>Tinospora</i> cf. <i>polygonoides</i> Diels	s		

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MENISPERMACEAE—Continued			
2365. <i>Tinospora rumphii</i> Boerl.	s	berberine	We 333.
	l	unn	We 333.
2366. <i>Tinospora smilacina</i> Benth.	l, s, b	unn	Webb 241.
2367. <i>Tinospora</i> spp.		palmatine	Webb 232.
		palosine	Webb 232.
		sangoline	Webb 232.
2368. <i>Triclisia gilletii</i> (DeWild.) Staner		trichiseine	Henry 778.
		triclesine	Henry 778.
MONIMIACEAE			
2369. <i>Atherosperma moschatum</i> Labill.	b	atherospermidine	CA 50:13059.
	b	atherosperminine	CA 50:13059.
	b	berbamine	CA 50:13059.
	b	isocorydine	CA 50:13059.
	b	isotetrandrine	CA 50:13059.
	b	spermatheridine	CA 50:13059.
	l	spermatherine	CA 50:13059.
2370. <i>Boldea fragrans</i> C. Gay	l	boldine	M-H IV 123.
2371. <i>Daphnandra aromatica</i> F. M. Bailey	b	aromoline	LCSJ 1948:2170.
	b	daphnoline	LCSJ 1948:2170.
2372. <i>Daphnandra dielsii</i> Perkins	b	O-methylrepandine	LCSJ 1953:695.
	b	repandinine	LCSJ 1953:695.
	b	repanduline	LCSJ 1953:693.
	b	tenuipine	LCSJ 1953:695.
	l	unn	Webb 241.
2373. <i>Daphnandra micrantha</i> Benth.	b	daphnandrine	LCSJ 1953:695.
	b	daphnoline	LCSJ 1953:695.
	b	micrathine	LCSJ 1953:695.
	wd, galls	unn	Webb 268.
2374. <i>Daphnandra repandula</i> F. Muell.		daphnandrine	Orekhov 527.
		daphnoline	Orekhov 527.

2375. <i>Daphnandra tenuipes</i> Perkins	b	O-methylrepandine mieranthine	LCSJ 1953:695. Orehov 527.
2376. <i>Doryphora sassafras</i> Endl.	b	repandine	LCSJ 1953:693.
2377. <i>Dryadodaphne</i> sp.	b	repandinine	LCSJ 1953:695.
2378. <i>Hedycarya loxocarya</i> (Benth.) Francis (<i>Mollinedia loxocarya</i> Benth.)	b	repanduline	LCSJ 1953:693.
2379. <i>Kibara macrophylla</i> (<i>Wilkiea macrophylla</i> A. DC.)	b	aromoline	LCSJ 1953:695.
2380. <i>Laurelia novae-zelandiae</i> A. Cunn.	b	de-N-methyltenuipine	LCSJ 1953:695.
	b	repanduline	LCSJ 1953:695.
	b	tenuipine	LCSJ 1953:695.
	b	doryphorine	Henry 320.
	b	unn	Webb 268.
	b	unn	Webb PS.
	b	unn	Webb 268.
2381. <i>Levieria acuminata</i> Perkins (<i>Mollinedia acuminata</i> F. Muell.).	b	unn	Webb 241.
2382. <i>Palmeria scandens</i> F. Muell.	b	laureline	We 368.
2383. <i>Peumus boldus</i> Molina	b	laurepukine	We 368.
	b	pukateine	We 368.
	b	unn	Webb 268.
2384. <i>Tetrasynandra laxiflora</i> Perkins (<i>Kibara laxiflora</i> Benth.).	b	unn	Webb 268.
2385. <i>Tetrasynandra pubescens</i> Perkins	b	beldine	M-H IV 123.
2386. <i>Wilkiea hügeliana</i> A. DC. (<i>Mollinedia hügeliana</i> Tul.).	b	isocorydine	Helv 42:754.
2387. <i>Wilkiea macrophylla</i> A. DC. (<i>Kibara macrophylla</i> Benth.).	b	N-methyllaurotetanine	Helv 42:754.
2388. <i>Wilkiea</i> sp.	b	norisocorydine	Helv 42:754.
	b	sparteine	CA 52:5748.
	b	unn	Webb 268.
MORACEAE			
2389. <i>Ampalis madagascariensis</i> Boj.	sd	unn	Webb 268.
2390. <i>Cannabis sativa</i> L.	sd	nicotine	Webb 268.
	sd	trigonelline	Webb 268.
	sd		We 246.
	sd		Orehov 120.
	sd		Henry 7.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MORACEAE—Continued			
2391. <i>Cecropia hololeuca</i> Miq.		cecropine	Falck 22.
2392. <i>Cudrania javanensis</i> Tréc.	<i>l</i> , <i>b</i>	unn.	Webb 268.
2393. <i>Ficus carica</i> L.		unn.	CA 48:11727.
2394. <i>Ficus casearia?</i> F. Muell.	<i>s</i>	unn.	Wall 55.
2395. <i>Ficus hispida</i> L. f.	<i>l</i> , <i>b</i>	unn.	Webb 241.
2396. <i>Ficus</i> spp.	<i>l</i>	unn.	Bisset 125.
2397. <i>Humulus lupulus</i> L.	<i>b</i>	unn.	Webb 268.
		chopeine (?)	Sokolov 115.
		codeine	Orekhov 443.
		coniine	Sokolov 115.
		morphine	Orekhov 443.
		unn.	We 250.
		trigonelline	Sokolov 115.
2398. <i>Morus alba</i> L.	<i>fr</i>	unn.	Wall 55.
2399. <i>Pseudomorus brunonianus</i> Bur.	<i>l</i> , <i>s</i>	unn.	Webb 241.
2400. <i>Trymatococcus amazonicus</i> Poepp. & Endl.	<i>l</i> , <i>b</i>	unn.	Henry 372.
MORINGACEAE			
2401. <i>Moringa oleifera</i> Lam.	<i>rb</i>	unn.	Chopra 334.
2402. <i>Moringa pterygosperma</i> Gaertn.	<i>b</i>	moringine	BA 31:2472.
	<i>b</i>	unn. (2)	Archiv Pharm 290:302.
MUCORACEAE			
2403. <i>Rhizopus japonicus</i> Vrill.	<i>my</i>	stachydrine	CA 30:136.
MUSACEAE			
2404. <i>Musa sapientum</i> L.	<i>fr</i>	5-hydroxytryptamine	Science 127:648.

MYOPORACEAE

2405. <i>Eremophila bignoniiflora</i> F. Muell.	<i>l, s</i>	unn.	Webb 203.
2406. <i>Eremophila longifolia</i> F. Muell.	<i>l</i>	unn.	Webb 208.
2407. <i>Eremophila maculata</i> F. Muell.	<i>l, s, fl</i>	unn.	Webb 208.
2408. <i>Eremophila mitchellii</i> Benth.	<i>l</i>	unn.	Webb 241.
2409. <i>Myoporum acuminatum</i> R. Br.	<i>l</i>	unn.	Webb 241.
2410. <i>Myoporum desertii</i> A. Cunn.	<i>l, s, fr</i>	unn.	Webb 268.
2411. <i>Myoporum diffusum</i> R. Br. (<i>M. debile</i> R. Br.)	<i>l, s</i>	unn.	Webb 268.

MYRSINACEAE

2412. <i>Maesa ramentacea</i> Wall.	<i>r</i>	unn.	D-K.
2413. <i>Rapanea variabilis</i> Mez (<i>Myrsine variabilis</i> R. Br.)	<i>l, s</i>	unn.	Webb 268.

MYRTACEAE

2414. <i>Agonis abnormis</i> White & Francis.	<i>l, s</i>	unn.	Webb 241.
2415. <i>Backhousia citriodora</i> F. Muell.	<i>l</i>	unn.	Webb 268.
2416. <i>Callistemon lanceolatus</i> Sweet.	<i>l</i>	unn.	PPAJ 44:104.
2417. <i>Eugenia cormiflora</i> F. Muell.	<i>l</i>	unn.	Webb 268.
2418. <i>Eugenia cumini</i> Druce.	<i>sd</i>	jambosine.	Webb 232.
2419. <i>Eugenia jambolana</i> Lam.	<i>b</i>	unn.	PPAJ 35:567.
2420. <i>Eugenia jambos</i> L.	<i>b</i>	jambosine.	Merck.
2421. <i>Eugenia ventenatii</i> Benth.	<i>l, s</i>	unn.	Webb 268.
2422. <i>Leptospermum flavescens</i> Sm.	<i>l</i>	unn.	Webb 241.
2423. <i>Melaleuca bracteata</i> F. Muell.	<i>l</i>	unn.	Webb 241.
2424. <i>Melaleuca nodosa</i> Sm.	<i>l, s</i>	unn.	Webb 241.
2425. <i>Melaleuca uncinata</i> R. Br.	<i>l</i>	unn.	Webb 241.
2426. <i>Myrtus dulcis</i> C. T. White.	<i>l</i>	unn.	Webb 268.
2427. <i>Pimenta officinalis</i> Lindl.	<i>fr</i>	unn.	We 825.
2428. <i>Rhodomyrtus psidioides</i> Benth.	<i>b</i>	unn.	Webb 268.
2429. <i>Thrypomene</i> sp.	<i>l</i>	unn.	Webb 241.

NYCTAGINACEAE

2430. <i>Boerhaavia diffusa</i> L.		punarnavine.	Henry 772.
2431. <i>Boerhaavia hirsuta</i> L.	<i>r</i>	boerhaavine.	CA 28:3521.
2432. <i>Boerhaavia repens</i> L.	<i>l, s, r</i>	unn.	CA 17:2166.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
NYCTAGINACEAE—Continued			
2433. <i>Hermidium alipes</i> S. Wats.	r	hydroxytyramine	M-H III 323.
2434. <i>Mirabilis jalapa</i> L.	r	trigonelline	We 299.
2434A. <i>Mirabilis nyctaginea</i> (Michx.) MacM.	l, s, fl	unn	Wall 55.
2435. <i>Neea theifera</i> Oerst.	l, s, fl, r	unn	Wall 55.
	l	cafffeine	We 299.
NYMPHAEACEAE			
2437. <i>Brasenia schreberi</i> J. F. Gmel.	l, r	unn	CA 50:11441.
2438. <i>Euryale ferox</i> Salisb.		drummine	Sokolov 117.
2439. <i>Nelumbium nelumbo</i> Druce	l, r	unn	CA 50:11441.
2440. <i>Nelumbium speciosum</i> Willd.	sd	nelumbine	Merck.
2441. <i>Nelumbo nucifera</i> Gaertn. (<i>Nelumbium speciosum</i> Willd.).	l	nelumbine	Sokolov 117.
	l	nuciferine	LCSJ 1959:2306.
2441A. <i>Nuphar advena</i> (Ait.) Ait. f.	l, s, fr, r	unn	Webb 268.
2442. <i>Nuphar japonicum</i> DC.	rh	unn	Wall 55.
2443. <i>Nuphar luteum</i> Sibth. & Sm.	rh	desoxynupharidine	CA 45:6645.
2444. <i>Nymphaea alba</i> L.	rh	nupharidine	CA 45:6645.
2445. <i>Nymphaea tetragona</i> Georgi	l, r	α - and β -nupharidine	Henry 758.
		nymphaeine	Henry 758.
		unn	CA 50:11441.
OLACACEAE			
2445A. <i>Oxalis scandens</i> Roxb.	l	unn	Bisset 125.
OLEACEAE			
2445B. <i>Forestiera pinelorum</i> Small.	l, s	unn	Wall 60.
2446. <i>Fraxinus americana</i> L.	b	unn	We 951.
2447. <i>Fraxinus chinensis</i> Roxb.	l, s	unn	Wall 55.
	r	sinine	Hocking 88.

2448. <i>Fraxinus molacophylla</i> Hemsl.		sinine	Henry 780.
2449. <i>Fraxinus poliomophila</i> Herd.		unn	CA 48:11727.
2450. <i>Fraxinus regelii</i> Dippel		unn	CA 48:11727.
2451. <i>Jasminum bifarium</i> Wall.	<i>l</i>	unn	Arthur.
2452. <i>Jasminum glabriusculum</i> Blume	<i>l</i>	unn	We 958.
2453. <i>Jasminum officinale</i> L.	<i>l</i>	unn	Webb 232.
2454. <i>Jasminum racemosum</i> F. Muell.	<i>l, b, r</i>	unn	Webb 241.
2455. <i>Jasminum sambac</i> Ait.	<i>r</i>	unn	PPAJ 43:143.
2456. <i>Jasminum scandens</i> Vahl	<i>l</i>	unn	We 958.
2457. <i>Jasminum simplicifolium</i> Forst. f.	<i>l</i>	unn	Webb 268.
2458. <i>Jasminum suavissimum</i> Lindl.	<i>w</i>	unn	Webb 241.
2459. <i>Jasminum</i> sp.	<i>b</i>	unn	Webb 241.
2460. <i>Ligustrum robustum</i> Blume		unn	Webb 232.
2461. <i>Ligustrum</i> sp.	<i>l, b</i>	unn	Webb 241.
2462. <i>Linociera axillaris</i> Knobl.	<i>b</i>	unn	Webb 268.
2463. <i>Linociera ramiflora</i> Wall.	<i>l, b</i>	unn	Webb 241, 268.
2464. <i>Linociera</i> sp.	<i>l</i>	unn	Webb 241, PS.
2465. <i>Notelaea longifolia</i> Vent.	<i>l, s, b</i>	unn	Webb 268.
2466. <i>Notelaea microcarpa</i> R. Br.	<i>l</i>	unn	Webb 241.
2467. <i>Notelaea ovata</i> R. Br.	<i>l, s</i>	unn	Webb 268.
2468. <i>Nyctanthes arbor-tristis</i> L.	<i>l</i>	unn	We 959.
2470. <i>Olea glandulifera</i> Desf.	<i>b</i>	unn	We 953.
2471. <i>Olea paniculata</i> R. Br.	<i>b</i>	unn	Webb 241.

ORCHIDACEAE

2474. <i>Catasetum bungerothii</i> N. E. Br.		unn	Klein 761.
2475. <i>Catasetum discolor</i> Lindl.		unn	Klein 761.
2476. <i>Catasetum hookeri</i> Lindl.		unn	Klein 761.
2477. <i>Catasetum macrocarpum</i> Rich.		unn	Klein 761.
2478. <i>Catasetum tabulare</i> Lindl.		unn	Klein 760.
2479. <i>Chysis bractescens</i> Lindl.	<i>l</i>	unn	Klein 760.
2480. <i>Corymbis (Corymborchis) veratrisfolia</i> (Bl.) Reichb. f.	<i>l</i>	unn	Webb 268.
2481. <i>Cymbidium canaliculatum</i> R. Br.	<i>w</i>	unn	Webb 241.
2482. <i>Dendrobium</i> <i>X ainsworthii</i> T. Moore		unn	Klein 761.
2483. <i>Dendrobium crumenatum</i> Sw.	<i>rh</i>	unn	Webb 232.
	<i>l</i>	unn	D-K.
2484. <i>Dendrobium flavidorum</i> Hayata		unn	Henry 724.
2485. <i>Dendrobium linawianum</i> Reichb. f.		dendrobine	Henry 724.
2486. <i>Dendrobium longicalcaratum</i> Hayata		unn	CA 29:799.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ORCHIDACEAE—Continued			
2487. <i>Dendrobium monile</i> Kränzlin		dendrobine	Henry 724.
2488. <i>Dendrobium moniliforme</i> Sw.		dendrobine	Henry 724.
2489. <i>Dendrobium nobile</i> Lindl.		dendrobine	Orekhover 729.
2490. <i>Dendrobium tosaensis</i> Makino		unn.	Henry 724.
2491. <i>Eria stellata</i> Lindl.		unn.	Klein 761.
2492. <i>Liparis parviflora</i> Lindl.		unn.	We 190.
2493. <i>Luisia brachystachys</i> Blume		unn.	We 190.
2494. <i>Paphiopedilum javanicum</i> Pfitz.	l.	unn.	We 190.
2495. <i>Phalaenopsis amabilis</i> Blume		unn.	Webb 232.
2496. <i>Phalaenopsis lueddemanniana</i> Reichb. f.	air r.	unn.	Klein 760.
2497. <i>Sarcochilus</i> sp.		unn.	We 190.
OROBANCHACEAE			
2497A. <i>Episagus americanus</i> Nutt.	r	unn.	We 1142.
2497B. <i>Orobanche lutea</i> Baumg.	l, s	orobanhamine	CA 48:696.
PALMAE			
2498. <i>Areca catechu</i> L.	sd	arecaidine	Henry 9.
	sd	arecaine	Henry 9.
	sd	arecolidine	Henry 9.
	sd	arecoline	Henry 9.
	sd	guvacine	Henry 9.
	sd	guvacoline	Henry 9.
	sd	isoguvacine	Henry 9.
	l, s	norarecaidine	Orekhover 106.
	sd	norarecoline	Orekhover 106.
		unn.	Wall 55.
		arecoline	CA 45:3561.
2499. <i>Areca</i> sp.	sd	unn.	AJP 5:965.
2500. <i>Copernicia cerifera</i> Mart.	r	unn.	We 120.
2501. <i>Phoenix vinifera</i> (cf. <i>Pseudophoenix vinifera</i> Becc.)	fr.	unn.	Klein 761.
2502. <i>Phytelephas macrocarpa</i> Ruiz & Pav.	sd	phytelephantine	Klein 761.
2503. <i>Pseudophoenix vinifera</i> Becc.		unn.	

PAPAVERACEAE

2504. <i>Adlumia cirrhosa</i> Rafin. (<i>A. fungosa</i> Greene)-----	<i>l.</i>	adlumidine----- adlumine----- α -alloryptopine----- bieucine----- bieuculline----- protopine----- berberine----- α -alloryptopine----- argemoneine----- norargemoneine----- α -alloryptopine----- argemoneine----- berberine----- chelerythrine----- codeine----- coptisine----- dihydrochelerythrine----- dihydrosanguinarine----- morphine----- norargemoneine----- protopine----- sanguinarine----- unn.----- α -alloryptopine----- bases P61, A, B, C----- chelerythrine----- protopine----- unn. (4)----- α -alloryptopine----- chelerythrine----- β -homochelidonine----- protopine----- sanguinarine----- α -alloryptopine----- chelerythrine----- protopine----- sanguinarine-----	We 388. We 388. We 388. Merck. Henry 169. We 388. Henry 169. Orekhover 496. CA 45:3561. CA 45:3561. CA 50:4990. CA 45:3561. Chopra 166. CA 50:4990. Orekhover 443. CA 50:4990. CA 50:4990. CA 50:4990. Orekhover 443. CA 45:3561. ACSJ 54:2923. CA 49:11789. CA 35:4154. Henry 169. Henry 169. Henry 169. Henry 169. Henry 169. Henry 169. Henry 169. APAJ 44:196. Henry 169. Henry 169. Henry 169. Henry 169. Henry 169. Merck 155.
2505. <i>Argemone alba</i> Lestib.	<i>l, r</i>		
2506. <i>Argemone hispida</i> A. Gray-----	<i>w</i>		
2507. <i>Argemone mexicana</i> L. (<i>A. hispida</i>)-----	<i>r</i>		
	<i>l, s, r</i>		
	<i>r</i>		
	<i>r</i>		
	<i>w</i>		
	<i>fr</i>		
	<i>w</i>		
2508. <i>Argemone platyceras</i> Link & Otto-----	<i>sd, r</i>		
2509. <i>Bocconia arborea</i> S. Wats.-----	<i>w</i>		
2510. <i>Bocconia cordata</i> Willd.-----			
2511. <i>Bocconia frutescens</i> I.-----			
	<i>fr, b, wd</i>		

560871-61-11

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2512. <i>Bocconia pearcei</i> Hutchinson	<i>b</i>	α -allocryptopine	M-H IV 79.
		chelerythrine	CA 41:3507.
		protopine	M-H IV 79.
		α - and β -allocryptopine	CA 49:11673.
		berberine	Henry 169.
	<i>t, s</i>	chelerythrine	Henry 169.
		chelidamine	CA 50:13960.
		chelidonine	Henry 169.
		chelilutine	CA 49:10986.
		chelirubine	CA 49:10986.
		coptisine	CA 49:11673.
		α -homochelidonine	Henry 169.
		methoxychelidonine	Henry 169.
		oxychelidonine	Henry 169.
		protopine	Henry 169.
	<i>w</i>	sanguinarine	Henry 169.
	<i>r</i>	sparteine	Henry 169.
	<i>l, s</i>	stylopine	CA 49:11673.
	<i>w</i>	tetrahydrocoptisine	CA 51:673.
		unn.	Henry 169.
		bases B, D, E, F, H, I, J, K, L, M.	Henry 170.
		coptisine	Henry 170.
		corybulbine	Henry 170.
		corydaline	Henry 170.
		corypalmine	M-H IV 79.
		dehydrocorydaline	Henry 170.
		protopine	Henry 170.
		tetrahydrocoptisine	M-H IV 79.
		tetrahydropalmatine	Henry 170.
		unn	Henry 170.
2513. <i>Chelidonium majus</i> L.	<i>r</i>		
2514. <i>Corydalis ambigua</i> Cham. & Schlecht.	<i>l, s</i>		

2515. <i>Corydalis aurea</i> Willd.	<i>l</i> , <i>s</i>	α -allocryptopine	Henry 170.
	<i>l</i> , <i>s</i>	aurotensine	Henry 170.
	<i>l</i> , <i>s</i>	bieucine	Henry 170.
	<i>l</i> , <i>s</i>	bieuculline	Henry 170.
	<i>l</i> , <i>s</i>	capauridine	Henry 170.
	<i>l</i> , <i>s</i>	capaurine	Henry 170.
	<i>l</i> , <i>s</i>	cordrastine	Henry 170.
	<i>l</i> , <i>s</i>	corpaverine	M-H IV 79.
	<i>sd</i>	corydaline	Henry 170.
		corypalline	Henry 170.
		dehydrocorydaline	M-H IV 79.
		F 24, F 28, F 57	Henry 170.
	<i>l</i> , <i>s</i> , <i>r</i>	protopine	Henry 170.
	<i>l</i> , <i>s</i>	tetrahydropalmatine	Henry 170.
2516. <i>Corydalis bulbosa</i> DC.		bulbocapnine	M-H IV 79.
		protopine	M-H IV 79.
		unn. (2)	M-H IV 79.
2517. <i>Corydalis caseana</i> A. Gray	<i>w</i>	α -allocryptopine	M-H IV 80.
	<i>w</i>	bieuculline	M-H IV 80.
	<i>w</i>	casealutine	Orekhov 758.
	<i>w</i>	corypalmine	M-H IV 80.
	<i>w</i>	F 33, F 35	M-H IV 80.
	<i>w</i>	isocorypalmine	M-H IV 80.
	<i>w</i>	protopine	M-H IV 80.
	<i>w</i>	scoulerine	M-H IV 80.
	<i>w</i>	tetrahydropalmatine	M-H IV 80.
2518. <i>Corydalis cava</i> Schweigg. & Kort.		bieuculline	Sokolov 120.
		bulbocapnine	Sokolov 120.
		canadine	Sokolov 120.
		coptisine	Sokolov 120.
		coreximine	Orekhov 392.
		corybulbine	Merek.
		corycavamine	M-H V 92.
		corycavidine	Merek.
		corycavine	M-H V 92.
		corydaline	Merek.
		corydine	Sokolov 120.
		corypalmine	Sokolov 120.
		corytuberine	Sokolov 120.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2518. <i>Corydalis cava</i> Schweigg. & Kort.—Continued		dehydrocorydaline isocorybulbine isocorypalmine palmatine protopine α -allocryptopine	Sokolov 120. Orekhov 417. Orekhov 399. Orekhov 388. M-H V 92. M-H IV 80.
		berberine canadine cheilanthifoline corypalmine protopine stylopine unn.	M-H IV 80. M-H IV 80. M-H IV 80. M-H IV 80. M-H IV 80. M-H IV 80. M-H IV 80.
2519. <i>Corydalis cheilanthifolia</i> Hemsl.	w	eularine F 52	M-H IV 80. M-H IV 80.
	w	protopine	M-H IV 80.
	w	stylopine	M-H IV 80.
	w	protopine	M-H IV 80.
	w	stylopine	M-H IV 80.
	w	biscuculline	M-H IV 80.
	w	capnoidine	M-H IV 80.
	w	protopine	M-H IV 80.
2520. <i>Corydalis clavicularis</i> DC.	w	bulbocapnine dehydrocorydaline	Henry 170. Henry 170.
	w	protopine	Henry 170.
	w	tetrahydropalmatine	Henry 170.
	w	unn. (2)	Henry 170.
2521. <i>Corydalis cornuta</i> Royle	w, r	corydaline	We 390.
2522. <i>Corydalis crystallina</i> Engelm.	w	adlumidine	CA 45:1150.
2523. <i>Corydalis decumbens</i> (Thunb.) Pers.	t	corypalmine	CA 45:1150.
	t	F 62	CA 45:1150.
	t	protopine	CA 45:1150.
2424. <i>Corydalis fabacea</i> (Retz.) Pers.	t		
2525. <i>Corydalis incisa</i> (Thunb.) Pers.	l, s		
	l, s		
	l, s		
	l, s		

2526. *Corydalis lutea* DC.

w-----	corydine-----	Orekhover 338.
w-----	isocorydine-----	M-II IV 80.
w-----	isocorypalmine-----	M-II IV 80.
w-----	ochrobirine-----	M-H IV 80.
w-----	protopine-----	M-H IV 80.
w-----	stylopine-----	M-H IV 80.
w-----	tetrahydropalmatine-----	M-H IV 80.
w-----	capauridine-----	M-H IV 80.
w-----	capaurine-----	Merck.
F 41, 42, 43-----		M-H IV 80.
w-----	protopine-----	M-H IV 80.
w-----	scoulerine-----	M-H IV 80.
w-----	tetrahydropalmatine-----	M-H IV 80.
w-----	capauridine-----	M-H IV 80.
w-----	capaurimine-----	M-H IV 80.
w-----	capaurine-----	M-H IV 80.
w-----	corydaline-----	M-H IV 80.
w-----	dehydrcorydaline-----	M-H IV 80.
F 56-----		M-H IV 80.
w-----	protopine-----	M-H IV 80.
w-----	scoulerine-----	M-H IV 80.
w-----	tetrahydropalmatine-----	M-H IV 80.
w-----	bicuculline-----	M-H IV 80.
w-----	corlumidine-----	Orekhover 314.
w-----	corlumine-----	M-H IV 80.
w-----	corydaline-----	M-H IV 80.
w-----	corytuberine-----	M-H IV 80.
w-----	cryptopine-----	M-H IV 80.
w-----	F 53, 54, 55-----	M-H IV 80.
w-----	isocorypalmine-----	M-H IV 80.
w-----	protopine-----	M-H IV 80.
w-----	stylopine-----	M-II IV 80.
w-----	tetrahydropalmatine-----	M-H IV 80.
w, r-----	aurotensine-----	M-II IV 80.
w, r-----	ryptocavine-----	M-II IV 80.
w, r-----	F 49-----	M-II IV 80.
w, r-----	ochotensisime-----	M-II IV 80.
w, r-----	ochotensine-----	M-II IV 80.
w, r-----	protopine-----	M-II IV 80.

2527. *Corydalis micrantha* A. Gray2528. *Corydalis montana* Engelm.2529. *Corydalis nobilis* (Jacq.) Pers.2530. *Corydalis ochotensis* Turecz.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2531. <i>Corydalis ochroleuca</i> Koch.	w.....	bicuculline.....	M-H IV 80.
	w.....	corypalmine.....	M-H IV 80.
	w.....	F 45, 46.....	M-H IV 80.
	w.....	isocorypalmine.....	M-H IV 80.
	w.....	ochrobirine.....	M-H IV 80.
	w.....	protopine.....	M-H IV 80.
	w.....	tetrahydropalmatine.....	M-H IV 80.
	w.....	adlumine.....	M-H IV 80.
	w.....	α -allocryptopine.....	M-H IV 80.
	w.....	berberine.....	M-H IV 80.
	w.....	canadine.....	M-H IV 80.
	w.....	corypalmine.....	M-H IV 80.
	w.....	cryptocavine.....	M-H IV 80.
	w.....	F 40.....	M-H IV 80.
	w.....	nandinine.....	Orekhov 387.
	w.....	ophiocarpine.....	M-H IV 80.
	w.....	protopine.....	M-H IV 80.
	w.....	capauridine.....	M-H IV 81.
	w.....	capaurimine.....	M-H IV 81.
	w.....	capaurine.....	M-H IV 81.
	w.....	corypalline.....	M-H IV 81.
	w.....	F 51.....	M-H IV 81.
	w.....	protopine.....	M-H IV 81.
	w.....	scoulerine.....	M-H IV 81.
	w.....	tetrahydropalmatine.....	M-H IV 81.
	w.....	aurotensine.....	M-H IV 97.
	w.....	bicuculline.....	M-H IV 81.
	w.....	corybulbine.....	M-H IV 81.
	w.....	corydaline.....	M-H IV 81.
	w.....	corydine.....	Orekhov 338.
	w.....	isocorybulbine.....	Orekhov 417.
	w.....	isocorydine.....	M-H IV 81.

2535. *Corydalis scouleri* Hook.

w-----	isocorypalmine	M-H IV 81.
w-----	protopine	M-H IV 81.
w-----	scoulerine	M-H IV 81.
w-----	stylopine	M-H IV 81.
w-----	tetrahydropalmatine	M-H IV 81.
w-----	unn	M-H IV 81.
w-----	adlumine	M-H IV 81.
w-----	α -allocryptopine	M-H IV 81.
w-----	bicuculline	M-H IV 81.
w-----	capnoidine	M-H IV 81.
w-----	cheilanthifoline	M-H IV 81.
w-----	corlumidine	M-H IV 81.
w-----	corlumine	M-H IV 81.
w-----	cryptopine	M-H IV 81.
w-----	protopine	M-H IV 81.
w, r-----	scoulerine	M-H IV 81.
w, r-----	adlumine	CJR 8:407.
w, r-----	bicucine	CJR 8:407.
w, r-----	bicuculline	CJR 8:407.
w, r-----	capnoidine	CJR 8:407.
w, r-----	cryptopine	CJR 8:407.
w, r-----	protopine	CJR 8:407.
w, r-----	unn	CJR 8:407.
w-----	bicuculline	M-H IV 81.
w-----	cheilanthifoline	M-H IV 81.
w-----	corlumidine	Orekhov 314.
w-----	corlumine	M-H IV 81.
w-----	cryptopine	M-H IV 81.
w-----	F 15, 16	M-H IV 81.
w-----	ochotensine	M-H IV 81.
w-----	ochrobirine	M-H IV 81.
w-----	protopine	M-H IV 81.
w-----	scoulerine	M-H IV 81.
w-----	α -allocryptopine	CA 50:7233.
w-----	aurotensine	CA 50:7233.
w-----	bulbocapnine	Henry 172.
w-----	corydaline	CA 50:7233.
w-----	protopine	Henry 172.
w-----	stylopine	CA 50:7233.
w-----	tetrahydropalmatine	CA 50:7233.

2536. *Corydalis semperflorens* Pers.2538. *Corydalis solida* Sw.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2539. <i>Corydalis ternata</i> Nakai	bu	α -allocryptopine	M-H IV 81.
	bu	canadine	M-H IV 81.
	bu	corydine	M-H IV 81.
		glaucentrine	Orekhov 343.
	bu	glaucine	M-H IV 81.
	bu	isocorydine	M-H IV 81.
	bu	protopine	M-H IV 81.
	bu	stylopine	M-H IV 81.
	bu	tetrahydrocryptopisine	M-H IV 81.
	w	adlumidine	CJR 21B:111.
	w	adlumine	Orekhov 313.
	w	corypalmine	CJR 21B:111.
	w	dehydrothalictrifoline	CJR 21B:111.
	w	F 59, 60	CJR 21B:111.
	w	protopine	CJR 21B:111.
	w	stylopine	CJR 21B:111.
	w	thalictrifoline	CJR 21B:111.
	r	bulbocapnine	M-H IV 81.
	r	canadine	M-H IV 81.
	r	corybulbine	M-H IV 81.
	r	corycavamine	M-H IV 81.
	r	corycavidine	M-H IV 81.
	r	corycavine	M-H IV 81.
	r	corydaline	M-H IV 81.
	r	corydine	M-H IV 81.
	r	corypalmine	M-H IV 81.
	r	corytuberine	M-H IV 81.
	r	dehydrocorydaline	M-H IV 81.
	r	glaucine	M-H IV 81.
	r	hydrohydrastinine	M-H IV 81.
	r	isocorybulbine	M-H IV 81.
	r	isocorypalmine	M-H IV 81.

2542. <i>Corydalis vernyi</i> Franch. & Sav.	r	protopine	M-H IV 81.
2542A. <i>Cysticarpus vesicarius</i> (L.) Fedde	r	scoulerine	M-H IV 81.
2543. <i>Dactylicarpus macrocapnos</i> Hutchinson	r	tetrahydrocoptisine	M-H IV 81.
	r	tetrahydropalmatine	M-H IV 81.
	r	thalictroavine	M-H IV 81.
	r	unn. (3)	M-H IV 81.
	t	protopine	We 390.
2544. <i>Dendromecon rigidum</i> Benth.	w, r	protopine	M-H IV 158.
2545. <i>Dicentra canadensis</i> Walp.	w, r	α -allocryptopine	Henry 172.
2546. <i>Dicentra chrysanthia</i> Walp.	l, s	protopine	Henry 172.
	l, s	stylopine	Henry 172.
	t	α -allocryptopine	CA 43: 8616.
	t	protopine	CA 43: 8616.
	t	bulbocapnine	M-H IV 82.
	t	corybulbine	Merck.
	t	corycavine	Merck.
	t	corydaline	Merck.
	t	corydine	M-H IV 82.
	t	corytuberine	Merck.
	t	F 22	M-H IV 82.
	t	isocorydine	M-H IV 82.
	w, r	protopine	M-H IV 82.
	w, r	bicuculline	M-H IV 82.
	w, r	chrycentrine	M-H IV 82.
	w, r	cryptocavine	M-H IV 82.
	w, r	cryptopine	M-H IV 82.
	w, r	F 25	M-H IV 82.
	t	protopine	M-H IV 82.
2547. <i>Dicentra cucullaria</i> Bernh.	w, r	α -allocryptopine	M-H IV 82.
	t	bicucine	Merck.
	t	bicuculline	M-H IV 82.
	t	bulbocapnine	Merck.
	t	corylumidine	Orekhov 314.
	t	corylumine	M-H IV 82.
	t	corybulbine	Merck.
	t	corycavine	Merck.
	t	corydaline	Merck.
	t	corydine	Merck.
	t	corytuberine	Merck.
	t	cryptopine	M-H IV 82.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2547. <i>Dicentra cucullaria</i> Bernh.—Continued	t	cularidine	M-H IV 82.
	t	cularine	M-H IV 82.
	t	isocorydine	Merck.
	t	ochotensine	M-H IV 82.
	t	protopine	M-H IV 82.
	r	coreximine	ACSJ 72:4796.
	r	corydine	M-H IV 82.
	r	cularimine	M-H IV 82.
	r	cularine	M-H IV 82.
	r	dicentrine	M-H IV 82.
	r	eximidine	M-H IV 82.
	r	eximine	M-H IV 82.
	r	F 21, 29, 30	CJR 16B:81.
	r	glaucentrine	M-H IV 82.
	r	glaucine	M-H IV 82.
	w, r	protopine	M-H IV 82.
	w	α -allocryptopine	M-H IV 81.
	w	corydine	M-H IV 82.
	w	corytuberine	M-H IV 82.
	w	cularine	M-H IV 82.
	w	dicentrine	M-H IV 82.
	w	glaucentrine	M-H IV 82.
	w	glaucine	M-H IV 82.
	w	protopine	M-H IV 82.
	w, r	bieuculline	M-H IV 82.
	w, r	cryptopine	M-H IV 82.
	w, r	protopine	M-H IV 82.
	w, r	α -allocryptopine	M-H IV 82.
	w, r	corydine	M-H IV 82.
	w, r	corypalmine	M-H IV 82.
	w, r	cularine	M-H IV 82.
	w, r	dicentrine	M-H IV 82.
2548. <i>Dicentra eximia</i> Torr.			
2549. <i>Dicentra formosa</i> Walp. (<i>Dactylicapnos macrocapnos</i>).			
2550. <i>Dicentra ochroleuca</i> Engelm.			
2551. <i>Dicentra oregana</i> Eastw.			

2552. <i>Dicentra pusilla</i> Sieb. & Zucc.	<i>w, r</i>	glaucentrine.....	M-H IV 82.
2553. <i>Dicentra spectabilis</i> Lem.	<i>w, r</i>	glaucine.....	M-H IV 82.
	<i>w, r</i>	protopine.....	M-H IV 82.
	<i>w, r</i>	dicentrine.....	Henry 173.
	<i>w, r</i>	protopine.....	Henry 173.
	<i>l, s, r</i>	chelerythrine.....	CA 53:1640.
	<i>l, s, r</i>	chelilutine.....	CA 53:1640.
	<i>l, s, r</i>	chelirubine.....	CA 53:1640.
	<i>l, s, r</i>	coptisine.....	CA 53:1640.
	<i>l, s, r</i>	protopine.....	CA 53:1640.
	<i>l, s, r</i>	sanguinarine.....	CA 53:1640.
	<i>l, s, r</i>	unn. (4).....	CA 53:1640.
	<i>l, s, r</i>	α -allocryptopine.....	CA 52:2344.
	<i>l, s</i>	berberine.....	CA 52:2344.
	<i>l, s</i>	chelerythrine.....	CA 52:2344.
	<i>l, s</i>	chelidone.....	Henry 173.
	<i>l, s</i>	chelirubine.....	CA 52:2344.
	<i>l, s</i>	coptisine.....	CA 52:2344.
	<i>l, s</i>	isocorydine.....	CH 52:2344.
	<i>l, s</i>	protopine.....	Henry 173.
	<i>l, s</i>	sanguinarine.....	CA 52:2344.
	<i>l, s</i>	stylopine.....	Henry 173.
	<i>l, s</i>	α - and β -allocryptopine.....	CA 49:10987.
	<i>l, s</i>	chelerythrine.....	Henry 173.
	<i>l, s</i>	chelilutine.....	CA 49:10987.
	<i>l, s</i>	chelirubine.....	CA 49:10987.
	<i>l, s</i>	codeine.....	Orekhov 443.
	<i>l, s</i>	eschscholtzine.....	M-H IV 82.
	<i>l, s</i>	ionidine.....	Henry 173.
	<i>l, s</i>	morphine.....	Orekhov 443.
	<i>l, s</i>	protopine.....	Henry 173.
	<i>l, s</i>	sanguinarine.....	Henry 173.
	<i>w</i>	unn.....	M-H IV 82.
2556. <i>Eschscholtzia californica</i> Cham.	<i>w</i>	protopine.....	CA 52:14968.
	<i>r</i>	protopine.....	M-H IV 158.
2557. <i>Fumaria agraria</i> Lag.	<i>r</i>	fumaramine.....	CA 50:13960.
2558. <i>Fumaria capreolata</i> L.		protopine.....	CA 50:13960.
2559. <i>Fumaria micrantha</i> Lag.			

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2560. <i>Fumaria officinalis</i> L.	w	cryptocavine. F 37, 38. protopine. scoulerine. sinactine. tetrahydrocodeptisine. protopine. fumaramine. fumaridine. fumarinine. fumaritine. protopine. fumaridine. fumaviline. protopine. α -alloeryptopine. berberine. chelerythrine. chelidonine. chelirubine. coptisine. corydine. glaucine. isocorydine. protopine. sanguinarine. α -allocryptopine. chelerythrine. corydine. glaucine. protopine. sanguinarine.	Henry 173. Henry 173. Henry 173. Henry 173. Henry 173. Henry 173. CA 52:18674. CA 50:13960. CA 50:13960. CA 50:13960. CA 50:13960. CA 50:13960. CA 50:13960. CA 50:13960. CA 50:13960. CA 50:16800. CA 50:16800. CA 50:16800. CA 50:16800. CA 50:16800. Sokolov 121. CA 50:16800. CA 50:16800. CA 50:16800. Henry 173. Henry 173. Henry 173. M-H IV 120. Henry 173. Henry 173.
2561. <i>Fumaria parviflora</i> Lam.	r		
2562. <i>Fumaria schleicheri</i> Soyer-Willem.	r		
2563. <i>Fumaria vaillantii</i> Loisel.	r		
2564. <i>Glaucium corniculatum</i> Curt.	w w w, r w r w w, r w w, r w w, r w w, r		
2565. <i>Glaucium fimbrilligerum</i> Boiss.			

2566. <i>Glaucium flavum</i> Crantz	<i>r</i>	α -allocryptopine	CA 49:10987.
	<i>r</i>	chelerythrine	CA 49:10987.
	<i>r</i>	chelirubine	CA 49:10987.
	<i>r</i>	glaucentrine	Orekhov 343.
	<i>r</i>	glaucine	Henry 173.
	<i>r</i>	isocorydine	Henry 173.
	<i>r</i>	protopine	Henry 173.
	<i>r</i>	sanguinarine	CA 49:10987.
	<i>r</i>	scoulerine	Henry 173.
	<i>r</i>	chelerythrine	Orekhov 440.
	<i>r</i>	glaucentrine	Orekhov 342.
	<i>r</i>	glaucine	Klein 718.
	<i>r</i>	protopine	Klein 718.
	<i>r</i>	sanguinarine	Orekhov 437.
	<i>r</i>	glaucentrine	Orekhov 343.
	<i>r</i>	glaucine	Henry 173.
	<i>r</i>	isocorydine	Henry 173.
	<i>r</i>	protopine	Henry 173.
	<i>r</i>	scoulerine	Henry 173.
	<i>r</i>	α -allocryptopine	Henry 173.
	<i>F</i>	F 58	M-H IV 83.
	<i>F</i>	hunnemannine	Henry 173.
	<i>F</i>	protopine	Henry 173.
	<i>F</i>	unn	Henry 173.
	<i>F</i>	protopine	M-H IV 158.
	<i>F</i>	protopine	Henry 173.
	<i>F</i>	sanguinarine	CA 53:3606.
	<i>F</i>	α -allocryptopine	Orekhov 496.
	<i>F</i>	unn	CA 44:2180.
	<i>F</i>	α - and β -allocryptopine	CA 50:1050.
	<i>F</i>	berberine	CA 50:1050.
	<i>F</i>	chelerythrine	CA 50:1050.
	<i>F</i>	chelilutine	CA 50:1050.
	<i>F</i>	chelirubine	CA 50:1050.
	<i>F</i>	coptisine	CA 50:1050.
	<i>F</i>	cryptopine	CA 50:1050.
	<i>F</i>	macarpine	CA 50:1050.
	<i>F</i>	protopine	CA 50:1050.
	<i>F</i>	sanguinarine	CA 50:1050.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2575. <i>Meconopsis cambrica</i> (L.) Vig.	latex	unn	CA 49:9105.
2576. <i>Papaver aculeatum</i> Thunb. (<i>P. horridum</i> DC.)	w	unn	Webb 268.
2577. <i>Papaver armeniacum</i> Lam.		armepavine	Henry 173.
2578. <i>Papaver bracteatum</i> Lindl.	<i>l, s</i>	bractamine	CA 42:5037.
	<i>l, s</i>	bracteine	CA 42:5037.
	<i>l, s</i>	isothebaine	CA 42:5037.
	<i>l, s</i>	oripavine	CA 42:5037.
	<i>l, s</i>	thebaine	Orekhov 460.
2579. <i>Papaver caucasicum</i> Bieb.		floripavine	M-H IV 83.
2580. <i>Papaver dubium</i> L.		aporeidine	Orekhov 755.
2581. <i>Papaver floribundum</i> Desf.	<i>l, s, fr</i>	aporeine	Chopra 171.
		armepavine	Henry 173.
		floribundine	Henry 173.
		floripavidine	Henry 173.
		floripavine	Henry 173.
2582. <i>Papaver hybridum</i> L.	<i>r</i>	oripavine	M-H IV 83.
2583. <i>Papaver lateritium</i> C. Koch	<i>w</i>	pahybrine	CA 50:13960.
2584. <i>Papaver orientale</i> L.	<i>w, r</i>	rhoeadine	Henry 173.
		unn	We 387. *
		glaucidine	Henry 173.
		isothebaine	Merck.
		oripavine	Henry 173.
		protopine	Henry 173.
		thebaine	Henry 173.
		codeine	Naturw 45:315.
	<i>w</i>	narcotine	Naturw 45:315.
	<i>w</i>	papaverine	Naturw 45:315.
	<i>w</i>	thebaine	Naturw 45:315.
2585. <i>Papaver paeoniflorum</i> Hort. ex Correa	<i>r</i>	α -alloeryptopine	CA 50:13960.
	<i>r</i>	protopine	CA 50:13960.
2586. <i>Papaver pavoninum</i> Mey.	<i>r</i>	roemeridine	CA 50:13960.

2587. <i>Papaver rhoes</i> L.	<i>l, s, r</i>	coptisine	CA 53:1640.
	<i>fr</i>	morphine	C-B-G 172.
	<i>fr</i>	narcotine	C-B-G 172.
	<i>l, s, r</i>	protopine	CA 53:1640.
	<i>fl, fr</i>	rhoeadine	Archiv Pharm 290:367.
	<i>fr</i>		Orekhov 755.
2588. <i>Papaver setigerum</i> DC.	<i>l, s, r</i>	rhoagenine	C-B-G 172.
	<i>l, s, r, fr</i>	thebaine	CA 53:1640.
		unn	Archiv Pharm 291:109.
2589. <i>Papaver somniferum</i> L.	<i>fr</i>	morphine	Henry 178.
	<i>fr</i>	aporeine	Henry 178.
	<i>fr</i>	codamine	Henry 178.
	<i>fr</i>	codeine	Henry 178.
	<i>l</i>	codeine	CA 53:11523.
	<i>fr</i>	cryptopine	Henry 178.
	<i>fr</i>	gnoscopine	Henry 178.
	<i>fr</i>	hydrocotarnine	Henry 178.
	<i>fr</i>	lanthopine	Henry 178.
	<i>fr</i>	laudanidine	Henry 178.
	<i>fr</i>	laudanine	Henry 178.
	<i>fr</i>	laudanosine	Henry 178.
	<i>fr</i>	meconidine	Henry 178.
	<i>fr</i>	morphine	Henry 178.
	<i>l</i>	morphine	CA 53:11523.
	<i>fr</i>	ψ -morphine	Henry 178.
	<i>fr</i>	narcceine	Henry 178.
	<i>fr</i>	narcotine	Henry 178.
	<i>l</i>	narcotine	CA 53:11523.
	<i>fr</i>	narcotoline	Henry 178.
	<i>l</i>	narcotoline	CA 53:11523.
	<i>fr</i>	neopine	Henry 178.
	<i>fr</i>	oxynarcotine	Henry 178.
	<i>fr</i>	papaveramine	Henry 178.
	<i>fr</i>	papaverine	Henry 178.
	<i>fr</i>	porphyrroxine	Henry 178.
	<i>fr</i>	protopine	Henry 178.
	<i>fr</i>	rhoeadine	Henry 178.
	<i>fr</i>	thebaine	Henry 178.
	<i>fr</i>	xanthaline	Henry 178.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2589A. <i>Platycapnos spicatus</i> (L.) Bernh.		protopine	M-H IV 158.
2590. <i>Pteridophyllum racemosum</i> Sieb. & Zucc.		α -allocryptopine	M-H IV 83.
2591. <i>Roemeria hybrida</i> DC.	r	protopine	M-H IV 83,
	r	protopine	CA 50:13960.
	r	roemeridine	CA 50:13960.
		unn.	CA 50:13960.
		ephedrine	Henry 173.
		ψ -ephedrine	Henry 173.
2592. <i>Roemeria refracta</i> DC.	r	roemerine	Henry 173.
	r	α - and β -allocryptopine	C-B-G 183.
	r	chelerythrine	C-B-G 183.
	r	oxyzanguinarine	C-B-G 183.
	r	protopine	C-B-G 183.
	r	sanguinarine	C-B-G 183.
		unn. (2)	CA 48:6649.
2594. <i>Sarcocapnos</i> spp.	l, s, r	unn.	Wall 55.
2595. <i>Stylophorum diphyllum</i> Nutt.		protopine	Henry 173.
	r	chelerythrine	Orekhov 440.
	r	chelidoneine	We 388.
	r	diphylline	We 388.
	r	protopine	We 388.
	r	sanguinarine	We 388.
2596. <i>Stylophorum lactucoides</i> Baill.	w, r	stylopine	We 388.
	w, r	chelerythrine	CJC 32:83.
	w, r	isocorydine	CJC 32:83.
	w, r	protopine	CJC 32:83.
	w, r	sanguinarine	CJC 32:83.
PASSIFLORACEAE			
2597. <i>Passiflora alba</i> Link & Otto		passiflorine	Arzneim-Forsch 6:94.
2598. <i>Passiflora bryonioides</i> H.B.K.		passiflorine	Arzneim-Forsch 6:94.
2599. <i>Passiflora capsularis</i> L.		passiflorine	Arzneim-Forsch 6:94.

2600. <i>Passiflora edulis</i> Sims	<i>l.</i>	passiflorine	Arzneim-Forsch 6:94.
2601. <i>Passiflora foetida</i> Vell.	<i>l.</i>	unn.	Arthur.
2602. <i>Passiflora herbertiana</i> Ker-Gawl.	<i>l.</i>	unn.	Webb 241.
2603. <i>Passiflora incarnata</i> L.	<i>l., s.</i>	passiflorine	CA 50:14183.
2604. <i>Passiflora laurifolia</i> L.	<i>l.</i>	unn.	Wall 55.
2605. <i>Passiflora quadrangularis</i> L.	<i>l.</i>	unn.	Arthur.
2606. <i>Passiflora suberosa</i> L.	<i>l.</i>	passiflorine	Arzneim-Forsch 6:94.
		passiflorine	Arzneim-Forsch 6:94.
		unn.	Webb 241.
PHYTOLACCACEAE			
2607. <i>Codonocarpus australis</i> A. Cunn.	<i>l., b.</i>	unn.	Webb 241.
2608. <i>Gallesia gorazema</i> Moq.	<i>l.</i>	caffiene	Freise.
2609. <i>Gyrostelemon ramulosus</i> Desf.	<i>b.</i>	unn.	Webb 268.
2610. <i>Phytolacca americana</i> L.	<i>l., s., r.</i>	phytolaccine	Webv 232.
2611. <i>Phytolacca octandra</i> L.	<i>l., s.</i>	unn.	Wall 55.
2612. <i>Rivina humilis</i> L.	<i>l., fr., r.</i>	unn.	Webb 241.
	<i>l., s.</i>	unn.	Webb 241.
PINACEAE			
2613. <i>Keteleeria davidiana</i> (Franch.) Beissn.	<i>l.</i>	unn.	CA 50:13372.
2614. <i>Picea maximowiczii</i> Reg.	<i>l.</i>	unn.	CA 50:13372.
2614A. <i>Picea morrisonicola</i> Hayata	<i>l.</i>	unn.	CA 53:7514.
2615. <i>Picea smithiana</i> Boiss.	<i>l.</i>	unn.	CA 50:13372.
2616. <i>Picea vulgaris</i> Link	<i>l.</i>	unn.	LCSJ 80 I:91.
2617. <i>Pinus armandii</i> Franch.	<i>l.</i>	unn.	CA 50:13372.
2618. <i>Pinus attenuata</i> Lemmon	<i>l.</i>	unn.	AC SJ 77:6361.
2619. <i>Pinus coulteri</i> D. Don	<i>l.</i>	unn.	AC SJ 77:6361.
2620. <i>Pinus jeffreyi</i> A. Murr.	<i>l.</i>	unn.	AC SJ 77:6361.
2621. <i>Pinus laricio</i> Poir.	<i>l.</i>	unn.	CA 50:13372.
2621A. <i>Pinus massoniana</i> Lambert	<i>l.</i>	unn.	CA 53:7514.
2622. <i>Pinus monophylla</i> Torr. & Frém.	<i>l.</i>	unn.	AC SJ 77:6361.
2623. <i>Pinus pinceana</i> Gord.	<i>l.</i>	unn.	AC SJ 77:6361.
2624. <i>Pinus pinea</i> L.	<i>l.</i>	unn.	CA 50:13372.
2625. <i>Pinus radiata</i> D. Don	<i>l.</i>	unn.	AC SJ 77:6361.
2626. <i>Pinus remorata</i> Mason	<i>l.</i>	unn.	AC SJ 77:6361.
2627. <i>Pinus resinosa</i> Ait.	<i>l.</i>	unn.	CA 50:13372.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PINACEAE—Continued			
2628. <i>Pinus sabiniana</i> Dougl.	<i>l</i>	pinidine	AC SJ 77:6361.
	<i>l</i>	α -pipecoline	AC SJ 77:6361.
	<i>l</i>	unn.	Wall 26.
	<i>l</i>	unn.	AC SJ 77:6361.
PIPERACEAE			
2630. <i>Peperomia leptostachya</i> Chapm.	<i>l, s</i>	unn.	Webb 268.
2631. <i>Piper banksii</i> Miq.	<i>l, s, fr</i>	unn.	Webb 268.
2632. <i>Piper canoenthifolium</i> H.B.K.		unn.	We 195.
2633. <i>Piper clusii</i> C. DC.	<i>fr</i>	piperine	M-H I 168.
2634. <i>Piper cubeba</i> L. f.	<i>fr</i>	piperine	BA 26:19321.
2635. <i>Piper famechonii</i> Heckel	<i>fr</i>	piperine	Henry 1.
2636. <i>Piper geniculata</i> Sw.	<i>rb</i>	piperine	Merck.
2637. <i>Piper guineense</i> Schum. & Thonn.	<i>fr</i>	piperine	BA 26:19321.
2638. <i>Piper jaborandii</i> Vell.		jaborandine	CA 46:8128.
2639. <i>Piper longum</i> L.	<i>fr</i>	piperine	Henry 1.
2640. <i>Piper lowong</i> Blume		piperine	M-H I 168.
2641. <i>Piper marginatum</i> Jacq.		unn.	Henry 1.
2642. <i>Piper methysticum</i> Forst. f.	<i>r</i>	unn.	We 194.
2643. <i>Piper nigrum</i> L.	<i>fr</i>	chavicine	Merck.
		β -methylpyrrolidine	M-H I 92.
	<i>fr</i>	piperidine	M-H I 167.
	<i>fr</i>	piperine	Henry 1.
		piperovatine	Sokolov 115.
2644. <i>Piper novae-hollandiae</i> Miq.	<i>l, s, b</i>	unn.	Webb 241.
2645. <i>Piper officinarum</i> C. DC.	<i>fr</i>	piperine	Henry 1.
2646. <i>Piper ovatum</i> Vahl	<i>l, s, r</i>	piperovatine	Merck.
2647. <i>Piper reticulatum</i> L.	<i>l</i>	jaborandine	We 194.
PITTOSPORACEAE			
2648. <i>Bursaria incana</i> Lindl.	<i>l</i>	unn.	Webb 241.
2649. <i>Bursaria spinosa</i> Cav.	<i>b</i>	unn.	Webb 241.
2650. <i>Hymenosporum flavum</i> F. Muell.	<i>l, s</i>	unn.	Webb 241.

2651. <i>Pittosporum ferrugineum</i> Ait.	<i>l, fr, b</i>	unn.	Webb 241, 268.
2652. <i>Pittosporum phillyraeoides</i> DC.	<i>fr</i>	unn.	Webb 241.
2653. <i>Pittosporum rhombifolium</i> A. Cunn.	<i>l</i>	unn.	Webb 241.
2654. <i>Pittosporum rubiginosum</i> A. Cunn.	<i>l</i>	unn.	Webb 268.
2655. <i>Pittosporum undulatum</i> Vent.	<i>l, s, fr</i>	unn.	Webb 268.
2656. <i>Pittosporum venulosum</i> F. Muell.	<i>l</i>	unn.	Webb 268.

PLANTAGINACEAE

2657. <i>Plantago indica</i> L.	<i>l, s</i>	indicaine	CA 48:691.
	<i>l, s</i>	indicamine	CA 48:691.
	<i>l, s</i>	plantagonine	CA 48:691.
	<i>l, fl</i>	indicaine	CA 51:5098.
	<i>l, fl</i>	plantagonine	CA 51:5098.

PLUMBAGINACEAE

2659. <i>Statice brasiliensis</i> Boiss.	<i>r</i>	unn.	Webb 232.
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POLYGALACEAE

2660. <i>Comesperma ericinum</i> DC.	<i>l, s, fl</i>	unn.	Webb 268.
2660A. <i>Polygala r.gelii</i> Shuttlew.	<i>l, s, fl, r</i>	unn.	Wall 60.
2661. <i>Xanthophyllum macintyrii</i> F. Muell.	<i>l, b</i>	unn.	Webb 241.

POLYGONACEAE

2662. <i>Calligonum microcarpum</i> Borszcz.	<i>w</i>	unn.	CA 35:4154.
2663. <i>Emex australis</i> Steinh.	<i>w</i>	unn.	Webb 241.
2664. <i>Polygonum amphibium</i> L.	<i>w</i>	unn.	CA 27:4270.
2665. <i>Polygonum hydropiper</i> L.	<i>w</i>	unn.	Webb 268.
2666. <i>Polygonum orientale</i> L.	<i>l</i>	unn.	Webb 268.
2667. <i>Polygonum</i> sp.	<i>l</i>	unn.	Arthur.
2668. <i>Rumex brownii</i> Campd.	<i>r</i>	unn.	Webb 268.
2669. <i>Rumex obtusifolius</i> L.	<i>l</i>	α -picoline	Nature 181:636.
2670. <i>Ruprechtia salicifolia</i> C. A. Mey.		unn.	Webb 232.

POLYPODIACEAE

2670A. <i>Dryopteris noveboracensis</i> (L.) Gray	<i>l</i>	unn.	Wall 55.
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Table 1.—Plants and their contained alkaloids—Continued

Plant--Entry No., family, genus, and species	Plant part	Alkaloid	Reference
POLYPORACEAE			
2671. <i>Boletus edulis</i> Fr.	sp	hercynine	M-H III 202.
2672. <i>Boletus satanus</i> Rostk.	sp	bolctine	Merck.
2673. <i>Polyporus frondosa</i>	sp	unn	Henry 782.
2673A. <i>Polyporus sulphureus</i> Bull.	sp	phenethylamine	Archiv Pharm 292:260.
	sp	trigonelline	Archiv Pharm 292:260.
PONTEDERIACEAE			
2674. <i>Eichhornia crassipes</i> (Mart.) Solms	l	unn	Arthur.
PORTULACACEAE			
2675. <i>Portulaca oleracea</i> L.	w	unn	Webb 268.
PRIMULACEAE			
2676. <i>Cyclamen elegans</i> Boiss. & Buhse	t	unn	CA 52:8295.
PROTEACEAE			
2677. <i>Darlingia spectatissima</i> F. Muell.	l	unn	Webb 268.
2678. <i>Grevillea</i> sp.	l	unn	Webb 241.
2679. <i>Macadamia praealta</i> F. M. Bailey	sd	unn	Webb 232.
2680. <i>Persoonia tenuifolia</i> R. Br.	l, s	unn	Webb 341.
PUNICACEAE			
2681. <i>Punica granatum</i> L.	b	coniine	Orekhov 82.
	b	isopelletierine	CA 48:7852.
	rb	methylisopelletierine	CA 48:7852.
		methylpelletierine	Merck.

RANUNCULACEAE

	b-----	pelletierine----- ψ-pelletierine----- unn. (3)-----	CA 48:7852. CA 48:7852. CA 49:10583.
2682. <i>Aconitum anthora</i> L.	r-----	anthorine----- ψ-anthorine-----	Henry 673. Henry 673.
2683. <i>Aconitum autumnale</i> Reichb.	r-----	atisine-----	M-H IV 279.
2684. <i>Aconitum balfourii</i> Stapf	r-----	aconitine----- ψ-aconitine-----	We 316. Henry 673.
2685. <i>Aconitum barbatum</i> Patr.	r-----	aconitine-----	We 317.
2686. <i>Aconitum callianthum</i> Koidz.	r-----	aconitine----- hypaconitine----- mesaconitine----- indaconitine----- aconitine-----	Henry 673. Henry 673. Henry 673. Henry 673. We 316.
2687. <i>Aconitum chasmanthum</i> Stapf	r-----	aconitine-----	Muen 77.
2688. <i>Aconitum chinense</i> Sieb.	l, s, sd, r-----	aconitine-----	Muen 77.
2689. <i>Aconitum columbianum</i> Nutt.	l, s, sd, r-----	ψ-aconitine-----	Henry 673.
2690. <i>Aconitum deinorrhizum</i> Stapf	r-----	aconitine----- acatinine-----	Orekhov 732.
2691. <i>Aconitum excelsum</i> Reichb.	r-----	acsinine----- hypaconitine----- lapaconnitine----- mesaconitine----- unn. (2)-----	CA 52:12884. CA 52:12884. Orekhov 732. CA 52:12884. CA 42:7940. CA 42:7940.
2692. <i>Aconitum fauriei</i> Léveillé & Vaniot	r-----	aconitine----- mesaconitine-----	Henry 673. Henry 673.
2693. <i>Aconitum ferox</i> Wall.	r-----	ψ-aconitine-----	We 318.
2694. <i>Aconitum firmum</i> Reichb.	bu-----	unn----- aconitine-----	We 318. CA 48:5877.
2695. <i>Aconitum fisheri</i> Reichb.	r----- r----- r-----	aconitine----- hypaconitine----- japaconnitine----- jesaconitine----- kobusine----- mesaconitine-----	CA 44:1229. Orekhov 732. Orekhov 732. We 317. We 317. M-H IV 279. Orekhov 732.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RANUNCULACEAE—Continued			
2696. <i>Aconitum gigas</i> Léveillé & Vaniot.	r	lycaconitine	M-H IV 321.
2697. <i>Aconitum grossedentatum</i> (Nakai) Nakai	r	aconitine	Henry 673.
	r	hypaconitine	Henry 673.
	r	mesaconitine	Henry 673.
	r	aconitine	Henry 673.
	r	hypaconitine	Henry 673.
	r	mesaconitine	Henry 673.
	r	atidine	CA 51:5780.
	r	atisine	Henry 673.
	r	heteratisine	M-H IV 279.
	r	hetisine	M-H IV 279.
	r	aconitine	Henry 673.
	r	hypaconitine	Henry 673.
	r	mesaconitine	Henry 673.
2700. <i>Aconitum ibukiense</i> Nakai	w	aconitine	CA 50:13372.
	w	ignavine	CA 50:13372.
	w	isohypognavine	CA 50:13372.
	w	mesaconitine	CA 50:13372.
	w	Shimoburo base II	CA 50:13372.
	w	Takawo base I and II	CA 50:13372.
2702. <i>Aconitum kamtschaticum</i> Pall.	r	hypaconitine	Henry 673.
	r	kobusine	M-H IV 279.
	r	mesaconitine	Henry 673.
	r	kobusine	M-H IV 279.
	r	ψ -kobusine	M-H IV 279.
	r	lucaconine	CA 45:9222.
	r	lucidusculine	Henry 673.
	r	unn.	Henry 673.
2704. <i>Aconitum ludlowii</i> Exell	r	aconitine	Orekhov 734.
2705. <i>Aconitum lycoctonum</i> L.	r	lycaconitine	Henry 673.
	r	myoconitine	Henry 673.

2706. <i>Aconitum majimai</i> Nakai	r	aconitine	Henry 673.
2707. <i>Aconitum manshuricum</i> Nakai	r	mesaconitine	Henry 673.
2708. <i>Aconitum maximum</i> Pall.	r	mesaconitine	Henry 673.
2709. <i>Aconitum mitakense</i> (?) Nakai	w	aconitine	Orekhov 732.
	w	ignavine	Orekhov 732.
	w	jesaconitine	Orekhov 732.
	w	mesaconitine	CA 50:5695.
	r	miyaconitine	CA 50:5695.
2710. <i>Aconitum miyabei</i> Nakai	r	miyaconitinone	M-H IV 279.
2711. <i>Aconitum mokchangense</i> Nakai	r	aconitine	M-H IV 279.
2712. <i>Aconitum napellus</i> L.	r	mesaconitine	Henry 673.
	r	aconine	Henry 673.
	r	aconitine	Henry 673.
	r	benzaconine	Henry 673.
	r	ephedrine	Henry 673.
	r	hypaconitine	M-H IV 295.
	r	mesaconitine	M-H IV 295.
	w	napelline	Henry 673.
	r	napellonine	LCSJ 1975:173.
	r	neoline	Henry 673.
2713. <i>Aconitum nemorum</i> Popov	r	neopelline	Henry 673.
	r	sparteine	Henry 673.
	r	aconitine	Orekhov 732.
	w	hypaconitine	Orekhov 732.
	r	mesaconitine	Orekhov 732.
	w	monoacetyltalatamine	CA 53:9265.
2714. <i>Aconitum orientale</i> Mill.	r	nemorine	CA 53:6536.
	r	talatamine	CA 53:9265.
	w	aconitine	We 316.
	r	avadharidine	CA 50:1852.
	r	avadharine	CA 50:1852.
	r	lappaconitine	CA 50:1852.
2715. <i>Aconitum palmatum</i> D. Don	r	palmatisine	Henry 674.
2716. <i>Aconitum paniculatum</i> Lam.	r	paniculatine	Henry 674.
2717. <i>Aconitum ponticum</i> Handel-Mazzetti	r	pontaconitine	Henry 674.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RANUNCULACEAE—Continued			
2718. <i>Aconitum rotundifolium</i> Kar. & Kir.	w	unn.	CA 35:4154.
	w	unn. (2)	CA 53:9265.
2719. <i>Aconitum sachalinense</i> F. Schmidt	r	aconitine	Henry 674.
	r	hypaconitine	Orekhev 731.
	r	jesaconitine	Henry 674.
	r	kobusine	Henry 674.
	r	mesaconitine	Orekhev 731.
2720. <i>Aconitum sanyoense</i> Nakai	r	Ashio bases I, II, III	CA 51:6661.
	r	Hanamiyama base	CA 51:6661.
	r	hypaconitine	CA 51:6661.
	r	hypognavine	CA 50:13966.
	r	ignavine	CA 49:12504.
	r	Kajigamori base	CA 51:6661.
	r	Katsuyama bases I, II	CA 51:6661.
	r	mesaconitine	CA 51:6661.
2721. <i>Aconitum senanense</i> Nakai	r	aconitine	Henry 674.
2722. <i>Aconitum septentrionale</i> Koelle	r	hypaconitine	Henry 674.
	r	aconitine	Orekhev 734.
	r	cynoctonine	Henry 674.
	r	lappaconitine	Henry 674.
2723. <i>Aconitum seravschanicum</i> Steinb.	r	septentrionaline	Henry 674.
2724. <i>Aconitum soongoricum</i> Stapf	l, s, fl.	zeravschanidine	CA 51:1539.
	l, s, fl.	zeravschanine	CA 51:1539.
	t	aconitine	CA 50:13965.
	t	monoacetylsoongorine	CA 50:13965.
	r	soongorine	CA 42:7940.
2725. <i>Aconitum spicatum</i> Donn	r	bikhaconitine	Henry 674.
2726. <i>Aconitum stoeberckianum</i> Reichb.	r	neopelline	Henry 674.
2727. <i>Aconitum subcuneatum</i> Nakai	r	aconitine	Henry 674.
	w	jesaconitine	Henry 674.
	w	mesaconitine	CA 50:5695.
	w	unn. (6)	CA 50:5695.

2728. <i>Aconitum talassicum</i> Popov		aconitine	Orekhov 732.
	r	condelphine	M-H IV 275.
		hypaconitine	Orekhov 732.
		isotalatidine	Henry 674.
		mesaconitine	Orekhov 732.
	l, s	talatamine	CA 50:379.
	r	talatidine	Henry 674.
	l, s	talatidine	CA 50:379.
	r	aconitine	CA 47:2936.
	r	hypaconitine	CA 47:2936.
	r	ignavine	CA 47:2936.
	r	mesaconitine	CA 47:2936.
	r	aconitine	Henry 674.
	r	aconitine	Henry 674.
	r	hypaconitine	Henry 674.
	r	mesaconitine	Henry 674.
	r	ψ -aconitine(?)	We 318.
	r	aconitine	We 316.
	l, r	unn	CA 44:1229.
		ψ -kobusine	M-H IV 287.
		aconitine	Henry 674.
		hypaconitine	Henry 674.
		mesaconitine	Henry 674.
		isoaconitine	CA 52:14632.
	w	isohypognavine	CA 50:3477.
		Shimoburo bases I and II	CA 50:13970.
	w	Shiriya base I	CA 50:3477.
		Takao base I	CA 50:13970.
		unn	CA 50:3477.
		unn	Wall 55.
		berberine	Sokolov 117.
	l, s	unn	C-B-G 120.
		unn	Sokolov 117.
		unn	Henry 780.
	r	unn	Webb 421.
	l	unn	Webb 232.
		clematine	I-R.
	r	unn	CA 48:11727.
2736A. <i>Anemonella thalictroides</i> (L.) Spach		unn	CA 48:11727.
2737. <i>Caltha palustris</i> L.			
2738. <i>Cimicifuga dahurica</i> (Turcz.) Huth			
2739. <i>Clematis angustifolia</i> Jacq.			
2740. <i>Clematis glycinoides</i> DC.			
2741. <i>Clematis vitalba</i> L.			
2742. <i>Consolida divaricata</i> Hayek			
2743. <i>Consolida orientalis</i> Schröd.			
2744. <i>Consolida persica</i> (Boiss.) Grossheim			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RANUNCULACEAE—Continued			
2745. <i>Coptis anemoneefolia</i> Sieb. & Zucc.	—	berberine	We 312.
	—	coptine	We 312.
2746. <i>Coptis japonica</i> Makino	rh	berberine	Henry 328.
	rh	columbamine	Henry 328.
	rh	coptisine	Henry 328.
	—	coreximine	Orekhov 392.
	—	jatrorrhizine	CA 51:17948.
	—	magnoflorine	CA 51:5365.
	rh	palmatine	Henry 328.
	rh	worenine	Henry 328.
2747. <i>Coptis occidentalis</i> Torr. & Gray	—	berberine	Henry 328.
	—	coptine	Henry 328.
2748. <i>Coptis teeta</i> Wall.	—	berberine	Henry 328.
	—	coptine	Henry 328.
	rh	coptisine	BA 27:2346.
	rh	jatrorrhizine	BA 27:2346.
	rh	palmatine	BA 27:2346.
	r	umbellatine	CA 48:10034.
2749. <i>Coptis trifolia</i> Salisb.	—	berberine	Henry 328.
2750. <i>Delphinium ajacis</i> L.	sd	coptine	Henry 328.
	sd	ajacine	Henry 694.
	sd	ajacinine	Henry 694.
	sd	ajacinoidine	Henry 694.
	sd	ajaconine	Henry 694.
	w	bases B, C, D	Henry 694.
2751. <i>Delphinium andersonii</i> A. Gray	—	unn.	We 320.
2752. <i>Delphinium barbeyi</i> Huth	—	anthranoyllycoctonine	CA 48:693.
2753. <i>Delphinium bicolor</i> Nutt.	r	lycoctonine	CA 48:693.
2754. <i>Delphinium biternatum</i> Huth	r, w	mixture	We 321.
	r, w	delbine	CA 44:1118.
	r, w	delphatine	CA 44:1118.
		unn	CA 44:1118.

2755. <i>Delphinium brownii</i> Rydb.		<i>r</i>	methyllycaconitine	M-H IV 321.
2756. <i>Delphinium confusum</i> Lowe		<i>sd</i>	condelphine	M-H IV 275.
		<i>sd</i>	confusine	Sokolov 117.
		<i>sd</i>	isotalatidisidine	M-V IV 275.
		<i>sd</i>	anthranoyllycoctonine	Henry 695.
		<i>sd</i>	consolidine	Henry 695.
		<i>w</i>	delcosine	CJC 32:780.
2757. <i>Delphinium consolida</i> L.		<i>w</i>	delsoline	Henry 695.
		<i>sd</i>	delsonine	Henry 695.
		<i>sd</i>	unn.	CA 35:4154.
		<i>l, s</i>	methyllycaconitine	CA 50:1852.
2758. <i>Delphinium dasyanthum</i> Kar. & Kir.		<i>sd</i>	delatine	Henry 696.
2759. <i>Delphinium dictyocarpum</i> Steud.			delphelatine	CA 49:5499.
2760. <i>Delphinium elatum</i> L.			delpheline	CA 51:5099.
			elatidine	Henry 696.
			elatine	CA 50:378.
			elideline	CA 50:378.
2761. <i>Delphinium flexuosum</i> Raf.		<i>sd</i>	methyllycaconitine	CA 47:9336.
2762. <i>Delphinium foetidum</i> Lomak.		<i>sd</i>	unn.	CA 51:5099.
2763. <i>Delphinium freynii</i> Huth		<i>s</i>	unn.	Henry 696.
2764. <i>Delphinium geyeri</i> Greene			unn.	Henry 696.
2765. <i>Delphinium glaucum</i> S. Wats.		<i>l, r</i>	unn.	I-R.
2766. <i>Delphinium hybridum</i> Steph.		<i>l, fl, r</i>	unn.	CA 48:11727.
2767. <i>Delphinium menziesii</i> DC.		<i>sd</i>	unn.	CA 48:11727.
2768. <i>Delphinium nelsonii</i> Greene		<i>r</i>	mixture	We 320.
2769. <i>Delphinium occidentale</i> S. Wats.		<i>l, fl, fr, r</i>	mixture	We 320.
2770. <i>Delphinium oreophilum</i> Huth			deltaline	Klein 714.
		<i>r, w</i>	delsemine	We 321.
		<i>r, w</i>	delsine	We 320.
		<i>w</i>	methyllycaconitine	Henry 697.
2771. <i>Delphinium rhinante</i>		<i>w</i>	oreoline	CA 46:516.
2772. <i>Delphinium rotundifolium</i>		<i>sd</i>	unn.	CA 46:516.
			delsemidine	CA 53:9266.
			delsemine	CA 53:9266.
2773. <i>Delphinium scopulorum</i> A. Gray		<i>r, sd</i>	mixture	Klein 714.
				CA 51:1994.
				CA 51:1994.
				We 321.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RANUNCULACEAE—Continued			
2774. <i>Delphinium semi-barbatum</i> Boiss.	w, r	delsemine	CA 45:5366.
	w, r	delsine	CA 45:5366.
	sd	delphinine	Henry 697.
	sd	delphinoidine	Henry 700.
	sd	delphisine	Henry 700.
	sd	staphisagroine	Henry 700.
	sd	staphisine	Henry 699.
	sd	unn.	CA 47:1165.
	sd	unn.	CA 48:11727.
	rh	delartine	CA 44:1118.
	rh	delphamine	CA 44:1118.
	rh	unn.	Hocking 57.
	rh	celliamine	Sokolov 117.
	rh	sprintillamine	Sokolov 117.
	rh	sprintilline	Sokolov 117.
	rh	alkaloid V	Henry 774.
	rh	celliamine	Merck.
	rh	sprintillamine	Merck.
	rh	sprintilline	Merck.
	rh	berberine	We 311.
	rh	berberine	Henry 162.
	rh	canadine	Henry 162.
	rh	hydrastine	Henry 162.
	l, fr, r	isopyroine	Henry 775.
	l, fr, r	unn.	We 313.
	r	isopyrine	Henry 775.
	sd	ψ-isopyrine	Henry 775.
	sd	isopyroine	Merck.
	sd	damascenine	We 313.
	sd	damascenine	Merck.
	sd	unn.	We 313.
	sd	damascenine	Henry 632.
2781. <i>Hydrastis bonadensis</i> Wehmer			
2782. <i>Hydrastis canadensis</i> L.			
2783. <i>Isopyrum bilobatum</i> Torr. & Gray			
2784. <i>Isopyrum fumarioides</i> L.			
2785. <i>Isopyrum thalictroides</i> L.			
2786. <i>Nigella aristata</i> Sibth. & Sm.			
2787. <i>Nigella arvensis</i> L.			
2788. <i>Nigella cardella</i>			
2789. <i>Nigella damascena</i> L.			

2790. <i>Nigella diversifolia</i> Franch.	<i>sd</i>	unn	We 313.
2791. <i>Nigella hispanica</i> L.	<i>sd</i>	unn	We 313.
2792. <i>Nigella integrifolia</i> Regel	<i>sd</i>	unn	We 313.
2793. <i>Nigella orientalis</i> L.	<i>sd</i>	unn	We 313.
2794. <i>Nigella sativa</i> L.	<i>sd</i>	connigelline nigelline	Klein 712. Klein 712
2795. <i>Paeonia arborea</i> Donn.	<i>sd, r</i>	unn	We 309.
2796. <i>Paeonia emodi</i> Wall.	<i>sd, r</i>	unn	C-B-G 134.
2797. <i>Paeonia peregrina</i> Mill.	<i>sd, r</i>	peregrinine	Klein 711. CA 35:4154.
2798. <i>Thalictrum alpinum</i> L.	<i>w</i>	unn	Klein 714. We 322
2799. <i>Thalictrum aquilegifolium</i> L.	<i>sd, r</i>	berberine	Henry 328. BA 27:2292.
2800. <i>Thalictrum flavum</i> L.	<i>rh</i>	berberine	BA 27:2292.
2801. <i>Thalictrum foliolosum</i> DC.	<i>rh</i>	jatrorrhizine	Henry 328.
	<i>rh</i>	palmatine	Falck 28.
	<i>rh</i>	thalictrine	We 321. We 321.
2802. <i>Thalictrum hernandezii</i> Tausch	<i>r</i>	unn	CA 45:1608.
2803. <i>Thalictrum macrocarpum</i> Gren.	<i>r</i>	macrocarpine	CA 45:1608.
2804. <i>Thalictrum minus</i> L.	<i>r</i>	thalictrine	CA 45:1608.
	<i>r</i>	thalicmidine	CA 45:1608.
	<i>r</i>	thaliemine	CA 45:1608.
	<i>w</i>	thalmidine	CA 45:1608.
	<i>w</i>	thalmine	Wall 55.
2804A. <i>Thalictrum polygamum</i> Muhl.	<i>l, fl, r</i>	unn	CA 45:1306.
2805. <i>Thalictrum simplex</i> L.	<i>l, r</i>	thalietrinine	CA 53:5587.
2806. <i>Thalictrum thunbergii</i> DC.	<i>l, s, r</i>	magnoflorine	Henry 328.
2807. <i>Zanthorrhiza apiifolia</i> L'Herit.		berberine	
RHAMNACEAE			
2808. <i>Alphitonia whitei</i> Braid	<i>b</i>	unn	Webb 268.
2809. <i>Ceanothus americanus</i> L.	<i>rb</i>	ceanothine	Henry 772. Wall 55.
2809A. <i>Ceanothus microphyllus</i> Michx.	<i>l, s, fl</i>	unn	DA 19:1574.
2810. <i>Ceanothus reclinatus</i> L'Herit.	<i>rb</i>	unn. (8)	Wall 60.
2811. <i>Ceanothus velutinus</i> Dougl.	<i>l, s</i>	unn	Wall 60.
2812. <i>Colubrina asiatica</i> Brongn.	<i>r</i>	unn	We 742.
2813. <i>Gouania javanica</i> Miq.	<i>b</i>	unn	DA 19:1574.
	<i>rb</i>	unn	Webb 241.
	<i>l, fl, r, b</i>	unn	D-K.
	<i>s</i>	unn	

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RHAMNACEAE—Continued			
2814. <i>Gouania leptostachya</i> DC.		unn	We 742.
2815. <i>Paliurus</i> sp.		unn	CA 48:11727.
2816. <i>Rhamnus pallasii</i> Fisch. & Mey.	s	unn	I-R.
2817. <i>Rhamnus purshiana</i> DC.	b	unn	We 738.
2818. <i>Zizyphus mauritiana</i> Lam.	l, b	unn	Webb 241.
2819. <i>Ziziphus sativa</i> Gaertn.	l	unn	I-R.
RHIZOPHORACEAE			
2820. <i>Anisophyllea</i> sp.	l, s, r	unn	D-K.
2821. <i>Carallia brachiata</i> Merrill (<i>C. integrifolia</i> DC.)	l	unn	Webb 268.
ROCELLACEAE			
2822. <i>Roccella fusiformis</i> (L.) DC.		picrorocceiline	Henry 777.
ROSACEAE			
2823. <i>Neillia longiracemosa</i> Hemsl.	l	unn	Wall 15.
2824. <i>Prunus mahaleb</i> L.	sd	unn	CA 47:7598.
2825. <i>Rosa rugosa</i> Thunb.	sd	unn	CA 44:9582.
RUBIACEAE			
2826. <i>Adina rubrostipulata</i> K. Schum.		mitraphylline	Henry 756.
2827. <i>Anthocephalus cadamba</i> Miq.		rhynchophylline	CA 52:9170.
2828. <i>Anthocephalus</i> sp.		unn	Klein 749.
2829. <i>Antirhea putaminosa</i> (F. Muell.) F. Muell.		unn	Webb PS.
2830. <i>Arariba rubra</i> Mart.	l, r, fr	unn	Webb 241.
2831. <i>Bobea hirsutissima</i> Teijsm. & Binn.		aribine	Sokolov 131.
		unn	Klein 749.

2832. <i>Borreria brachystema</i> Valeton (<i>Spermacoce brachystema</i> R. Br.).	w.	unn	Webb 268.
2833. <i>Borreria verticillata</i> G. F. W. Mey.	r.	emetine cephaeline emetine psychotrine	N-O. CA 29:4518.
2834. <i>Bothriospora corymbosa</i> Hook. f.		unn	CA 29:4518.
2835. <i>Canthium buxifolium</i> Benth.	l, s.	unn	CA 29:4518.
2836. <i>Canthium coprosmoides</i> F. Muell.	l, s.	unn	Webb 268.
2837. <i>Canthium odoratum</i> Seem.	l, b.	unn	Webb 241, 268.
2838. <i>Canthium oleifolium</i> Hook.	l, h.	unn	Webb 241.
2839. <i>Canthium vaccinifolium</i> F. Muell.	l.	unn	Webb 241.
2840. <i>Capirona decorticans</i> Spruce.		cephaeline emetine psychotrine cephaeline emetine psychotrine cephaeline emetamine	CA 29:4518. CA 29:4518. CA 29:4518. Henry 394.
2841. <i>Cephaelis acuminata</i> Karst.	r.	emetine O-methylpsychotrine psychotrine cephaeline emetamine	Henry 394. Henry 394. Henry 394. Henry 394.
2842. <i>Cephaelis ipecacuanha</i> (Brot.) Rich.	r.	cephaeline emetamine emetine hydroipecamine ipecamine O-methylpsychotrine psychotrine unn	Henry 394. Henry 394. Henry 394. Henry 394. Henry 394. Henry 394. Henry 394. Henry 394.
2842A. <i>Cephalanthus occidentalis</i> L.	rh.	hydroipecamine ipecamine O-methylpsychotrine psychotrine unn	Henry 394. Henry 394. Henry 394. Henry 394.
2843. <i>Cinchona amygdalifolia</i> Wedd.	b.	quinidine cinchonidine cinchonine conquinamine	Cl 1957:983. Wall 60. We 1163.
2844. <i>Cinchona culisaya</i> Wedd.	b.	diconquinine javanine quinamine quinidine quinine	We 1158. P-T IV 394. P-T IV 394. Henry 466. M-H II 457.
	b.		We 1158.
	b.		We 1158.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2845. <i>Cinchona caloptera</i> Miq.	b	cinchonidine cinchonine quinidine quinine cinchonidine cinchonine quinine cinchonidine quinidine quinine cinchonidine aricine	We 1162. Ber 6:1129. Ber 6:1129. We 1162. We 1162. We 1162. We 1162. We 1162. We 1162. We 1162. We 1162. Orekhov 798.
2846. <i>Cinchona carabensis</i> Wedd.	b	quinamine	M—H II 457.
2847. <i>Cinchona condaminea</i> Humb. & Bonpl.	b	quinamine	M—H II 457.
2848. <i>Cinchona cordifolia</i> Mutis	b	cinchonidine quinidine quinine quinine aricine	We 1162. We 1161. We 1161. We 1161. We 1163.
2849. <i>Cinchona corymbosa</i> Karst.	b	quinamine	Orekhov 798.
2850. <i>Cinchona cuprea</i>	b	quinamine	M—H II 457.
2851. <i>Cinchona erythrantha</i> Pav.	b	cinchonidine	We 1162.
2852. <i>Cinchona erythroderma</i> Wedd.	b	cinchonidine	We 1162.
2853. <i>Cinchona hasskarliana</i> Miq.	b	quinidine quinine cinchonidine quinidine quinine aricine	We 1162. We 1162. We 1162. We 1162. We 1162. Econ Bot 2:229.
2854. <i>Cinchona humboldtiana</i> Lamb.	b	cinchonidine quinidine quinine aricine	CA 40:2932. CA 43:361.
2855. <i>Cinchona lanceolata</i> Ruiz & Pav.	b	cinchonidine	We 1161.
2856. <i>Cinchona lancifolia</i> Mutis	b	quinine	We 1161.
2857. <i>Cinchona ledgeriana</i> Moens	b	cinchonidine quinine aricine ² chairamidine ²	We 1160. We 1160. Henry 419. Henry 419.

b-----	chairamine ²	Henry 419.
b-----	cinchamidine ²	Henry 419.
b-----	cinchonamine ²	Henry 419.
b-----	cinchonicine ²	Henry 419.
b-----	cinchonidine	We 1159.
b-----	cinchonine	We 1159.
b-----	cinchotine ²	Henry 419.
b-----	conchairamidine ²	Henry 419.
b-----	conchairamine ²	Henry 419.
b-----	concusconine ²	Henry 419.
b-----	conquinamine	Henry 466.
b-----	eupreine ²	Henry 419.
b-----	eusconine ²	Henry 419.
b-----	dicinchonine ²	Henry 419.
b-----	diconquinine ²	Henry 419.
b-----	epiquinidine ²	Henry 419.
b-----	epiquinine ²	Henry 419.
b-----	hydrocinchonidine	Orekhov 225.
b-----	hydroquinidine ²	Henry 419.
b-----	hydroquinine ²	Henry 419.
b-----	javanine	We 1159.
b-----	paricine ²	Henry 419.
b-----	quinamine	We 1159.
b-----	quinicine ²	Henry 419.
b-----	quinidine	We 1159.
b-----	quinine	We 1159.
sd-----	quinine	CA 8:987.
b-----	h-quinine ²	Henry 419.
b-----	cinchonidine	We 1163.
b-----	cinchonine	We 1163.
b-----	quinidine	We 1163.
b-----	quinine	We 1163.
b-----	quinine	BA 22:19233.
b-----	cinchonidine	We 1161.
b-----	cinchonine	We 1161.
b-----	quinidine	We 1161.
b-----	quinine	We 1161.

2858. *Cinchona lucumaefolia* Pav.2859. *Cinchona macrocalyx* Pav.2860. *Cinchona micrantha* Ruiz & Pav.

² These have been found in commercial bark. Since the botanical identity of the bark is often uncertain, those alkaloids are arbitrarily assigned to *C. ledgeriana*, although they undoubtedly occur in other species.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2861. <i>Cinchona nitida</i> Ruiz & Pav.	b	cinchonidine	Econ Bot. 2:229.
	b	cinchonine	We 1163.
	b	quinamine	M-H II 457.
	b	quinidine	Econ Bot 2:229.
	b	quinine	We 1163.
	b	cinchonine	We 1163.
	b	quinine	We 1163.
	b	cinchonine	We 1162.
	b	quinine	We 1162.
	b	cinchonidine	We 1160.
	b	cinchonine	We 1160.
	b	javamine	Merck.
	b	quinamine	M-H II 457.
	b	quinidine	We 1160.
	b	quinine	We 1160.
	b	quinidine	We 1161.
	b	aricine	Henry 466.
	b	euscamidine	Henry 466.
	b	euscamine	Henry 466.
	b	eusconidine	Henry 466.
	b	euscone	Henry 466.
	b	cinchonidine	P-T IV 397.
	b	cinchonine	P-T IV 397.
	b	quinidine	P-T IV 397.
	b	quinine	P-T IV 397.
	b	aricine	Orekhov 798.
	b	cinchonidine	CA 40:2932.
	b	cinchonine	CA 40:2932.
	b	conquinamine	Merck.
	b	euscamine	Orekhov 798.
	b	eusconidine	Orekhov 798.

2869. <i>Cinchona robusta</i> Howard.	b	cusconine	Orekhover 798.
2870. <i>Cinchona rosulenta</i> Howard.	b	paricine	Merck.
2871. <i>Cinchona rufinervis</i> Wedd.	b	quinine	CA 40:2932.
	b	cinchonidine	We 1161.
	b	cinchonine	P-T IV 397.
	b	quinine	We 1161.
	b	dicinchonine	Henry 466.
	b	quinamine	M-H II 457.
	b	cinchonidine	Econ Bot 2:229.
	b	cinchonine	Econ Bot 2:229.
	b	quinidine	CA 43:361.
	b	quinine	Econ Bot 2:229.
	b	cinchonine	We 1162.
	b	quinine	We 1162.
	b	cinchonidine	We 1157.
	b	cinchonine	We 1157.
	b	cinchotine	Henry 428.
	b	conquinamine	Henry 466.
	b	dicinchonine	Henry 466.
	b	paricine	Henry 466.
	b	quinamine	M-H II 457.
	b	quinidine	We 1157.
	b	quinine	We 1157.
	b	cinchonidine	We 1162.
	b	cinchonine	We 1162.
	b	quinine	We 1162.
	l, s, b	unn.	Webb 241.
	l, b	unn	Webb 241.
	sd	caffeine	We 1174.
	l, sd, fl	caffeine	We 1170.
	sd	trigonelline	Henry 7.
	l, b	caffeine	CA 24:3534.
	l, b	theobromine	CA 24:3534.
	sd	caffeine	We 1174.
	sd	caffeine	We Sup 57.
	sd	caffeine	We 1174.
	sd	caffeine	We 1173.
	l, b	caffeine	CA 24:3534.
	l, b	caffeine	CA 24:3534.
	sd	theobromine	CA 4:2128.
		trigonelline	

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USDA TECHNICAL BULLETINS
UPDATA
ALKALOID-BEARING PLANTS AND THEIR CONTAINED ALKALOIDS
HILLMAN, J. I., SCHUBERT, B. G.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2885. <i>Coffea perrieri</i> Drake.	<i>l, b</i>	caffeine	CA 24:3534.
2886. <i>Coffea quillon</i> Wester.	<i>l, b</i>	theobromine	CA 24:3534.
2887. <i>Coffea robusta</i> L. Linden.	<i>sd</i>	caffeine	We 1174.
	<i>sd</i>	caffeine	We 1174.
	<i>l, b</i>	caffeine	CA 24:3534.
	<i>l, b</i>	theobromine	CA 24:3534.
	<i>l, b</i>	caffeine	CA 24:3534.
	<i>l, b</i>	theobromine	CA 24:3534.
	<i>sd</i>	caffeine	We 1174.
	<i>l, b</i>	caffeine	CA 24:3534.
	<i>l, b</i>	theobromine	CA 24:3534.
	<i>sd</i>	caffeine	CA 24:3534.
	<i>l, b</i>	theobromine	CA 24:3534.
	<i>l, b</i>	caffeine	We 1174.
	<i>sd</i>	theobromine	CA 24:3534.
	<i>l, b</i>	caffeine	CA 24:3534.
	<i>l, b</i>	theobromine	CA 24:3534.
	<i>sd</i>	caffeine	We 1174.
	<i>l, b</i>	theobromine	CA 24:3534.
	<i>b</i>	yohimbine	CA 47:1338.
	<i>b</i>	unn.	CA 47:1338.
	<i>b</i>	corynanthine	Dalziel 395.
	<i>b</i>	paniculatine	CA 31:2747.
	<i>b</i>	yohimbine	CA 28:5929.
	<i>b</i>	corynantheine	Merck.
	<i>b</i>	corynanthine	CA 33:9306.
	<i>b</i>	quebrachine	CA 33:9306.
	<i>b</i>	allo-, iso-, α -, β -, γ -yohimbine	CA 33:9306.
2895. <i>Coutarea latiflora</i> Sessé & Moc.= <i>Hintonia latiflora</i> (Sessé & Moc.) Bullock.	<i>b</i>	quinidine	Archiv Pharm 288:535.
	<i>b</i>	quinine	Archiv Pharm 288:535.
2896. <i>Crossopteryx kotschyana</i> Fenzl.	<i>b</i>	crossopterine	Klein 748.
2897. <i>Diplospora ixorooides</i> F. Muell.	<i>b</i>	unn.	Webb 241.
2898. <i>Exostemma floribundum</i> Roem. & Schult.	<i>b</i>	unn.	CA 48:2727.
2899. <i>Exostemma sanctae-luceae</i> Britten	<i>b, r</i>	unn.	PR, 1948.
2900. <i>Exostemma souzatum</i> Mart.	<i>b</i>	esenbeckine	We 1167.

2901. <i>Ferdinandusa elliptica</i> Pohl			cephaelaine	CA 29:4518.
2902. <i>Gaillonia szowitsii</i> DC.			emetine	CA 29:4518.
2903. <i>Galium geniculatum</i> Roem. & Schult.			psychotrine	CA 30:4518.
2904. <i>Gardenia jasminoides</i> Ellis	<i>l</i>		unn.	CA 48:11727.
2905. <i>Gardenia ochreata</i> F. Muell.	<i>l, s</i>		unn.	I-R.
2906. <i>Genipa americana</i> L.	<i>b, fr</i>		unn.	D-K.
	<i>sd</i>		unn.	Webb 241.
	<i>l</i>		caffeine	Freise.
2907. <i>Greenea latifolia</i> Teijsm. & Binn.			unn.	D-K.
2908. <i>Grumilea aurantiaca</i> Miq.	<i>l, s</i>		unn.	Klein 749.
2908A. <i>Hamelia patens</i> Jacq.	<i>st</i>		unn.	Klein 749.
2909. <i>Hedyotis auricularia</i> L.	<i>r</i>		auricularine	Wall 60.
	<i>l</i>		hedyotide	M-H V 312.
	<i>w</i>		unn.	Henry 774.
2910. <i>Hedyotis galiooides</i> Wall.			unn.	Webb 268.
2911. <i>Hedyotis latifolia</i> Reinw.			cephaeline	Webb 241.
2912. <i>Hillia illustris</i> K. Schum.			emetine	Klein 749.
			psychotrine	CA 29:4518.
2913. <i>Hodgkinsonia frutescens</i> C. T. White	<i>l, fr, b</i>		unn.	CA 29:4518.
2914. <i>Hodgkinsonia ovaliflora</i> F. Muell.	<i>l, s</i>		unn.	CA 29:4518.
2915. <i>Hymenodictyon excelsum</i> Wall.	<i>b</i>		hymenodictine	CA 29:4518.
2916. <i>Hymenodictyon obovatum</i> Wall.	<i>l, s, b</i>		unn.	Webb 241.
2917. <i>Ixora</i> sp.	<i>b</i>		paytamine	Sokolov 132.
2918. <i>Ladenbergia macrocarpa</i> Klotzsch	<i>b</i>		paytine	LCSJ 44:1141.
	<i>l</i>		quinine	Webb 268.
2919. <i>Ladenbergia</i> spp.	<i>l</i>		leptaflorine	We 1165.
2920. <i>Leptactina densiflora</i> Hook. f.	<i>r</i>		tetrahydroharman	We 1165.
	<i>rb</i>		leptactinine	CA 40:431.
2921. <i>Leptactina senegambica</i> Hook. f.	<i>l, s, r</i>		emetine	CA 51:16498.
2922. <i>Manettia cordifolia</i> Mart.	<i>b</i>		emetine	CA 51:16498.
2923. <i>Manettia ignita</i> K. Schum.			unn.	Henry 776.
2924. <i>Mitragyna africana</i> Korth.			rhynchophylline	P J 119:210,620.
2925. <i>Mitragyna ciliata</i> Aubrév. & Pellegr.	<i>l</i>		rotundifoline	P J 119:630.
				Klein 749.
				CA 44:7858.
				CA 44:7858.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2926. <i>Mitragyna diversifolia</i> Havil.		mitragynine mitragynol mitraversine rhynchophylline rotundifoline	Orekhov 795. Orekhov 795. We 1167. Orekhov 795. Orekhov 795.
2927. <i>Mitragyna inermis</i> Kuntze	<i>l</i>	mitragynine mitragynol mitraversine mitrinermine rhynchophylline rotundifoline	Sokolov 132. Orekhov 795. Sokolov 132. Sokolov 132. Henry 756. Orekhov 795.
2928. <i>Mitragyna macrophylla</i> Hiern		mitragynine mitragynol mitraphylline mitraversine rhynchophylline rotundifoline	Orekhov 795. Orekhov 795. Orekhov 795. We Sup 131. Orekhov 795. Orekhov 795.
2929. <i>Mitragyna parvifolia</i> Korth.		mitragynine mitragynol mitraversine rhynchophylline rotundifoline	Orekhov 795. Orekhov 795. Orekhov 795. Orekhov 795. Orekhov 795.
2930. <i>Mitragyna rotundifolia</i> Kuntze	<i>b</i>	mitragynine mitragynol mitraversine rhynchophylline rotundifoline	Orekhov 795. Orekhov 795. Orekhov 795. Orekhov 795. Orekhov 795.
2931. <i>Mitragyna rubrostipulacea</i> Havil.	<i>l</i>	mitragynine mitragynol mitraversine mitrinermine rhynchophylline rotundifoline	CA 44:7858. CA 28:1041. CA 34:438. CA 44:7858. Henry 756. CA 34:438.
2932. <i>Mitragyna speciosa</i> Korth.	<i>l, b</i>	unn mitraphylline	CA 44:7858. CA 45:822. Orekhov 795.
	<i>l</i>	mitragynine mitragynol mitraspecine	CA 45:822.
	<i>s</i>		

2933. <i>Mitragyna stipulosa</i> Kuntze.....	<i>b, wd</i>	mitraspecine..... mitraversine..... rhynchophylline..... rotundifoline..... mitragynine..... mitragynol..... mitraversine..... rhynchophylline..... rotundifoline..... mitrinermine.....	CA 33:1741. Orekhov 795. Orekhov 795. Orekhov 795. Orekhov 795. Orekhov 795. Orekhov 795. Henry 756. Orekhov 795. CA 28:7258. Webb 268. Webb 241. Webb 241. D-K. Webb 268. CA 47:9337. CA 47:9337. Freise. Webb 268. Henry 756. CR 245:1458. Orekhov 795. Orekhov 795. Quart Rev 10:144. Orekhov 795. Quart Rev 10:144. Orekhov 795. CA 49:12775. CA 46:4552. CA 47:7157. Henry 756. CA 52:7441. Henry 756. Orekhov 795. Orekhov 795. Orekhov 795. Henry 756. Orekhov 795.
2934. <i>Mitragyna</i> sp.....	<i>b</i>		
2935. <i>Morinda acutifolia</i> F. Muell.....	<i>l</i>		
2936. <i>Morinda citrifolia</i> L.....	<i>l, fr</i>		
2937. <i>Morinda jasminoides</i> A. Cunn.....	<i>l</i>		
2938. <i>Mussaenda villosa</i> Wall.....	<i>l</i>		
2939. <i>Neonauclea</i> sp. (<i>Nauclea gordoniiana</i> F. M. Bailey)	<i>b</i>		
2940. <i>Oldenlandia biflora</i> L.....	<i>w</i>		
	<i>w</i>		
2941. <i>Oldenlandia corymbosa</i> L.....	<i>l</i>		
2942. <i>Ophiorrhiza australiana</i> Benth.....	<i>l, r</i>		
2943. <i>Orououparia formosana</i>	<i>s</i>		
	<i>s</i>		
2944. <i>Orououparia gambir</i> Baill.....	<i>s</i>		
2945. <i>Orououparia quianensis</i> Aubl.....	<i>s</i>		
2946. <i>Orououparia kawakamii</i> (Hayata) Hamet.....	<i>l, s</i>		
	<i>s</i>		
2947. <i>Orououparia rhyncophylla</i> Matsum.....	<i>s</i>		
	<i>s</i>		

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2948. <i>Palicourea marcgravii</i> A. St. Hil.	<i>l</i>	palicourine	We 1177.
2949. <i>Palicourea rigida</i> H.B.K.	<i>l</i>	douradine	Archiv Pharm 235:143.
	<i>l</i>	palicourine	Archiv Pharm 235:143.
2950. <i>Pausinystalia paniculata</i> Welw.		paniculatine	Henry 501.
2951. <i>Pausinystalia trillesii</i> Beille		yohimbine	Henry 501.
2952. <i>Pausinystalia (Corynanthe) yohimba</i> Pierre	<i>b</i>	yohimbine	Henry 501.
2953. <i>Pavetta australiensis</i> Bremek.	<i>b</i>	yohimbine	BA 32:17473.
2954. <i>Pavetta tormentosa</i> Roxb.	<i>l, b</i>	unn.	Webb 241.
2955. <i>Pavetta</i> sp.		unn.	Klein 749.
2955A. <i>Pinckneya pubens</i> Michx.	<i>l, s, fr</i>	moradeine	Webb PS.
2956. <i>Pogonopus febrifugus</i> Benth. & Hook. f.	<i>b</i>	pogonopamine	Wall 55.
2957. <i>Pogonopus tubulosus</i> (A. Rich.) K. Schum.	<i>b</i>	pogonopeine	We 1148.
	<i>b</i>	pogonopidine	CA 43:5548.
	<i>b</i>	pogonopine	CA 43:5548.
	<i>w</i>	unn.	CA 43:5548.
2958. <i>Pomax umbellata</i> Soland.		corynantheidine	Webb 241.
2959. <i>Pseudocinchona africana</i> A. Cheval.	<i>b</i>	corynantheine	Henry 504.
	<i>b</i>	corynanthidine	Henry 504.
	<i>b</i>	corynanthidine	Henry 504.
	<i>b</i>	corynanthine	Henry 502.
	<i>b</i>	corynoxeine	CA 52:9169.
	<i>b</i>	corynoxine	CA 52:9169.
	<i>b</i>	dihydrocorynantheine	CA 52:9169.
	<i>b</i>	β -yohimbine	CA 52:9169.
2960. <i>Pseudocinchona mayumbensis</i> (Good) Hamet	<i>b</i>	mayumbine	CR 232:2354.
2961. <i>Pseudocinchona pachyceras</i> A. Cheval.	<i>b</i>	corynantheine	Henry 504.
2962. <i>Pseudocinchona</i> sp.	<i>b</i>	mayumbine	CA 46:3542.
2963. <i>Psychotria emetica</i> L. f.	<i>r</i>	cephaeline	We 1176.
	<i>r</i>	psychotrine	We 1176.

2964. <i>Psychotria granadensis</i> Benth.	r-	emetine	M-H III 363.
2965. <i>Psychotria ipecacuanha</i> (Brot.) Stokes	r-	cephaeline	Webb 232.
	r-	emetamine	Webb 232.
	r-	emetine	Webb 232.
	r-	emetoidine	Webb 232.
	r-	ipecac-alkaloid A	LCSJ 1959:1744.
	r-	protoemetine	LCSJ 1959:1744.
	r-	psychotrine	M-H III 364.
	r-	emetine	We 1176.
	l-	unn	Webb 268.
	l, b	unn	Webb 241.
	l, b	unn	Webb 241.
	l, fr	unn	Bisset 125.
	sd	unn	We 1167.
	fr	unn	Webb 241.
	w	unn	Webb 241.
	l, s	unn	D-K.
	l, b	unn	Webb 268.
	l	unn	Webb 268.
	l	unn	Webb 268.
	fr	unn	Webb 232.
		unn	Webb PS.
		cephaeline	CA 29:4518.
		emetine	CA 29:4518.
		psychotrine	CA 29:4518.
	b	cinchonidine	We 1164.
	b	cinchonine	We 1164.
	b	quinidine	We 1164.
	b	quinine	We 1164.
	b	cinchonidine	CA 43:361.
	b	cinchonine	We 1164.
	sd	conquinamine	We 1164.
	b	cupreine	CA 39:151.
	b	dicinchonine	We 1164.
	b	homoquinine	Orekhov 228.
	b	quinamine	We 1164.
	b	quinidine	Henry 424.
	b	quinine	We 1164.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2982. <i>Remijia purdieana</i> Wedd.	b	chairamidine	We 1164.
	b	chairamine	We 1164.
	b	cinchonamine	We 1164.
	b	cinchonine	We 1164.
	b	cinehotine	We 1164.
	b	conchairamidine	We 1164.
	b	conchairamine	We 1164.
	b	conusconine	We 1164.
		hydrocinchonine	Orekhov 224.
	b	paricine	Orekhov 798.
	r	quinine	We 1164.
		emetine	Webb 232.
2983. <i>Richardsonia scabra</i> A. St. Hil.		unn	CA 48:11727.
2984. <i>Rubia kotschyi</i> Boiss.		unn	We 1167.
2985. <i>Sarcocephalus cordatus</i> Miq.	l, b	unn	Henry 782.
2986. <i>Sarcocephalus diderrichii</i> DeWild & Th. Dur.	b	unn	Webb 232.
2987. <i>Sarcocephalus esculentus</i> Afzel.	b	unn	We 1167.
2988. <i>Sarcocephalus horsfieldii</i> Miq.	l, b	unn	Henry 490.
2989. <i>Sickingia rubra</i> K. Schum.	b	aribine	Webb 241.
2990. <i>Spermacoce brachystema</i> R. Br.	w	unn	M-H V 322.
2991. <i>Spermacoce verticillata</i> L.	r	emetine	Webb 268.
2992. <i>Tarenna dallachiana</i> S. Moore.	l, b	unn	Webb 268.
2993. <i>Timonius timon</i> (Spreng.) Merrill (<i>T. rumpfii</i> DC.)	l, s	cephaeline	CA 29:4518.
2994. <i>Tocoyena longiflora</i> Aubl.		emetine	CA 29:4518.
		psychotrine	CA 29:4518.
2995. <i>Uncaria kawakamii</i> Hayata		hanadamine	CA 27:1345.
		mitraphylline	CA 53:2270.
2996. <i>Uncaria rhynchophylla</i> Miq.		uncarine A and B	CA 45:2960.
2997. <i>Uncaria</i> sp.		uncarine A	CA 44:7332.
2998. <i>Urophyllum griffithianum</i> Hook. f.	r	unn	Webb PS.
2999. <i>Warscewiczia coccinea</i> Klotzsch	l	unn	D-K.
			D-K.

3000. <i>Wendlandia</i> spp.		unn.	Klein 749.
RUTACEAE			
3001. <i>Acradenia frankliniae</i> Kipp.	<i>l</i>	unn.	Webb 268.
3002. <i>Acronychia acidula</i> F. Muell.	<i>b</i>	melicopine.	M-H II 355.
3003. <i>Acronychia baueri</i> Schott	<i>i, fr, b</i>	unn.	Webb 241.
	<i>l, b</i>	acronidine.	CA 47:11210.
	<i>l, b</i>	acronycidine.	CA 45:5696.
	<i>b</i>	acronycine.	CA 45:5696.
	<i>l</i>	1,3-dimethoxy-10-methyl-9-acridone.	CA 47:11210.
	<i>l</i>	kokusaginine.	M-H III 355.
	<i>l, b</i>	melicopicine.	CA 43:648.
	<i>l, b</i>	nielicopidine.	CA 45:5696.
	<i>l, b</i>	melicopine.	CA 45:5696.
	<i>l</i>	skimmianine.	M-H III 355.
3004. <i>Acronychia haplophylla</i> Engl.	<i>l, b</i>	unn.	Webb 241.
3005. <i>Acronychia imperforata</i> F. Muell.	<i>l</i>	unn.	Webb 241.
3006. <i>Acronychia laevis</i> Forst.	<i>l, s</i>	unn.	Webb 241.
3007. <i>Acronychia melicopoides</i> F. Muell.	<i>l</i>	unn.	Webb 268.
3008. <i>Acronychia muelleri</i> (Engl.) Francis	<i>l, b, fr</i>	unn.	Webb 268.
3009. <i>Acronychia parviflora</i> C. T. White (<i>Melicope pubescens</i> F. M. Bailey).	<i>l, s, b</i>	unn.	Webb 241.
3010. <i>Acronychia pauciflora</i> C. T. White	<i>l, b</i>	unn.	Webb 241.
3012. <i>Acronychia suberosa</i> C. T. White	<i>l</i>	unn.	Webb 268.
3013. <i>Acronychia</i> sp.	<i>wd</i>	unn.	Webb 241.
3014. <i>Aegle marmelos</i> Correa	<i>l</i>	aegelenine.	CA 52:7338.
	<i>wd</i>	aegelin.	CI 1955:1632.
	<i>b</i>	dictamnine.	JICS. 36:267.
	<i>l</i>	γ -fagarine.	Henry 414.
	<i>l, s</i>	skimmianine.	CA 47:10544.
	<i>b</i>	unn.	D-K.
3015. <i>Balfourodendron riedelianum</i> Engl.	<i>l, s, r</i>	unn.	CA 49:14909.
3016. <i>Boenninghausenia albiflora</i> Reichb.	<i>l, s</i>	dictamnine.	CA 53:1636.
3017. <i>Boronia algida</i> F. Muell.	<i>l, s</i>	unn.	Webb 268.
3018. <i>Boronia aliiata</i> Soland.	<i>l, s</i>	unn.	Webb 268.
3019. <i>Boronia bowmanii</i> F. Muell.	<i>l, s</i>	unn.	Webb 268.
3020. <i>Boronia glabra</i> (Maiden & Betche) Cheel.	<i>l, s</i>	unn.	Webb 268.
3021. <i>Boronia granitica</i> Maiden & Betche	<i>l, s</i>	unn.	Webb 268.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3022. <i>Boronia lanceolata</i> F. Muell.	<i>l</i> , <i>s</i>	unn	Webb 268.
3023. <i>Boronia ledifolia</i> J. Gay	<i>l</i> , <i>s</i>	unn	Webb 268.
3024. <i>Boronia obovata</i> C. T. White	<i>l</i> , <i>s</i>	unn	Webb 268.
3025. <i>Boronia polygalifolia</i> Sm.	<i>l</i> , <i>s</i>	unn	Webb 268.
3026. <i>Boronia rosmarinifolia</i> A. Cunn. (<i>B. ledifolia</i> var. <i>rosmarinifolia</i>).	<i>l</i> , <i>s</i> , <i>b</i> , <i>rb</i>	unn	Webb 268.
3027. <i>Boronia thujona</i> Penfold & Welch	<i>l</i> , <i>s</i>	unn	Webb 268.
3028. <i>Boronia whitei</i> Cheel	<i>l</i> , <i>s</i>	unn	Webb 268.
3029. <i>Bosistoa evodiformis</i> F. Muell.	<i>b</i>	unn	Webb 268.
3030. <i>Bosistoa sapindiformis</i> F. Muell.	<i>l</i>	unn	Webb 241.
3031. <i>Brombya platynema</i> F. Muell.	<i>l</i>	unn	Webb 268.
3032. <i>Calodendron capensis</i> Thunb.	<i>sd</i>	unn	CA 16:3224.
3033. <i>Casimiroa edulis</i> La Llave	<i>fr</i> , <i>sd</i> , <i>b</i> <i>rb</i> , <i>sd</i>	N-benzoyltyramine. casimiroedine. casimiroin. casimiroitine. dictamine.	LCSJ 1956:4163. Helv 39:1495. ACSJ 79:6328. Sokolov 124. LCSJ 1956:4170.
	<i>b</i>	<i>N</i> ^a , <i>N</i> ^a -dimethylhistamine.	JOC 23:1564.
	<i>sd</i>	edulein.	LCSJ 1956:4170.
	<i>b</i>	eduline.	LCSJ 1956:4163.
	<i>sd</i>	edulinine.	LCSJ 1956:4170.
	<i>b</i>	edulitine.	LCSJ 1956:4170.
	<i>b</i>	γ-fagarine.	LCSJ 1956:4170.
	<i>b</i>	skimmianine.	LCSJ 1956:4170.
	<i>sd</i>	zapotidine.	LCSJ 1956:4163.
	<i>vd</i>	chloroxylonine.	Henry 773.
3034. <i>Chloroxylon swietenia</i> DC.	<i>b</i>	skimmianine.	M-H III 69.
3034A. <i>Choisya ternata</i> H.B.K.		evoxine.	CA 53:11761.
		skimmianine.	CA 53:11761.
3035. <i>Citrus aurantium</i> L.	<i>fr</i> <i>l</i>	unn. narcotine. stachydrine.	CA 53:11761. CA 26:3005. M-H I 102.

3036. <i>Citrus australis</i> Planch.	<i>l, b, wd</i>	unn.	Webb 241.
3037. <i>Citrus nobilis</i> Lour.	<i>l</i>	unn.	PPAJ 42:90.
3038. <i>Citrus sinensis</i> Pers.	<i>l</i>	narcotine.	PAH 29:203.
3039. <i>Citrus vulgaris</i> Risso	<i>s</i>	stachydrine.	M-H I 101.
3040. <i>Clausena brevistyla</i> Oliver	<i>b</i>	unn.	Webb 268.
3041. <i>Correa speciosa</i> Ait.	<i>b</i>	cusparidine.	Webb 268.
3042. <i>Cusparia trifoliata</i> Engl.	<i>b</i>	cusparine.	Merck.
	<i>b</i>	galipine.	Ber 57:1243.
	<i>b</i>	galipoidine.	Monatsh 52:134.
	<i>r</i>	dictamnine.	Merck.
	<i>r</i>	skimmianine.	Henry 413.
		trigonelline.	Sokolov 124.
3043. <i>Dictamnus albus</i> L.		unn.	Henry 413.
3044. <i>Dictamnus caucasicus</i> Hort.	<i>l</i>	unn.	CA 48:11727.
3045. <i>Eremocitrus (Atalantia) glauca</i> Swingle	<i>r</i>	unn.	Webb 268.
3046. <i>Eriostemon buxifolius</i> Sm.	<i>l</i>	unn.	Webb 268.
3047. <i>Eriostemon lanceolatus</i> Gaertn. f.	<i>l</i>	unn.	Webb 268.
3048. <i>Eriostemon myoporoïdes</i> DC.	<i>b</i>	unn.	Webb 268.
3049. <i>Esenbeckia febrifuga</i> A. Juss.	<i>fr</i>	unn.	Henry 780.
3049A. <i>Esenbeckia hartmannii</i> Rob. & Fern.	<i>l</i>	unn.	Wall 60.
3050. <i>Evodia alata</i> F. Muell.	<i>l, b</i>	evolutine.	CA 50:1050.
	<i>b</i>	evoxanthine.	M-H II 355.
	<i>b</i>	kokusaginine.	CA 50:1050.
	<i>l</i>	melicopidine.	M-H II 355.
		1, 2, 3-trimethoxy-10-methylacridone.	CA 50:1050.
3051. <i>Evodia bonwickii</i> F. Muell.	<i>l</i>	unn.	Webb 268.
3052. <i>Evodia elleryana</i> F. Muell.	<i>l</i>	unn.	Webb 268.
3053. <i>Evodia glauca</i> Miq.	<i>b</i>	berberine (?)	Klein 729.
3054. <i>Evodia hortensis</i> Forst.	<i>b</i>	berberine (?)	Klein 729.
3055. <i>Evodia littoralis</i> Endl.	<i>l, b</i>	dictamnine.	CA 49:9003.
	<i>l, b</i>	evolutrine.	CA 49:9003.
	<i>l, b</i>	kokusaginine.	CA 49:9003.
3056. <i>Evodia meliaefolia</i> Benth.	<i>b</i>	berberine.	Henry 329.
3057. <i>Evodia micrococca</i> F. Muell.	<i>l, b</i>	unn.	Webb 241, 268.
3058. <i>Evodia rutaecarpa</i> Hook. f. & Thoms.	<i>fr</i>	evodiamine.	Henry 498.
	<i>fr</i>	rutaecarpine.	Henry 498.
3059. <i>Evodia vitiflora</i> (?) F. Muell.	<i>fr, l, s, b</i>	wuchuyine.	Henry 498.
		unn.	Webb 241, 268.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3060. <i>Evodia xanthoxyloides</i> F. Muell.	<i>l</i>	evodine	CA 47:3857.
	<i>l</i>	evolidine	CA 47:3857.
	<i>l</i>	evoxanthidine	CA 47:3857.
	<i>b, b</i>	evoxanthine	CA 46:117.
	<i>l</i>	evoxine	CA 47:3857.
	<i>l</i>	evoxoidine	CA 47:3857.
	<i>l</i>	1-hydroxy-2,3-dimethoxy-10-methyl-9(10H)-acridone.	CA 47:3857.
	<i>b</i>	kokusagine	CA 46:117.
	<i>b</i>	kokusaginine	M-H III 78.
	<i>l, b</i>	melicopidine	CA 46:117.
	<i>l</i>	norevoxanthine	CA 47:3857.
	<i>l</i>	normelicopidine	CA 47:3857.
	<i>l</i>	xanthevodine	CA 46:117.
	<i>l</i>	xanthoxoline	CA 47:3857.
3061. <i>Evodia</i> spp.	<i>b, l</i>	unn	Webb 241.
3062. <i>Fagara angolensis</i> Engl.	<i>rb</i>	angoline	Webb PS.
	<i>rb</i>	angolinine	CA 50:8136.
	<i>rb</i>	skimmianine	CA 50:8136.
3063. <i>Fagara coco</i> Engl.	<i>b</i>	cocoberine	CA 50:8136.
	<i>l</i>	α , γ , δ , χ -fagarines	Henry 414.
	<i>l, s</i>	fagarine II, III	Henry 414.
	<i>b</i>	β -homochelidonine	ACSJ 71:1030.
	<i>l, b</i>	N-methylisocorydine	M-H IV 148.
3064. <i>Fagara macrophylla</i> Engl.	<i>rb</i>	skimmianine	CA 50:1049.
	<i>r</i>	fagaramide	Henry 414.
	<i>r</i>	fagaridine	Merck.
3065. <i>Fagara manchurica</i> (Bennett) Honda	<i>b</i>	xanthofagarine	CA 46:2754.
3066. <i>Fagara parvifolia</i> A. Cheval.	<i>b</i>	skimmianine	CA 46:2754.
	<i>b</i>	parvifagarine	M-H III 69.
		unn.(2)	CA 43:5546.
			CA 43:5546.

3066A. <i>Fagara tingoassuiba</i> (A. St. Hil.) Hoehne		unn. (2)	BA 33:23368.
3067. <i>Fagara viridis</i> A. Cheval.	b	skiminianine	CA 43:5646.
3068. <i>Fagara zanthoxyloides</i> Lam.	b	unn. (2)	CA 43:5546.
	rb	artarine(?)	CA 42:3909.
	rb	fagaramide	Merck.
	b	fagaramine	Sokolov 124.
	b	fagaridine	CA 42:3910.
	b	α -fagarine	Sokolov 124.
	b	skimmianine	CA 42:3910.
	b	unn.	CA 42:3910.
	b	unn.	Webb 241, 268.
3069. <i>Flindersia acuminata</i> C. T. White	l, b, wd	flindersine	Merck.
3070. <i>Flindersia australis</i> R. Br.	wd	unn.	Webb 241.
3071. <i>Flindersia bennettiana</i> F. Muell.	l, b, wd	unn.	Webb 241, 268.
3072. <i>Flindersia bourjotiana</i> F. Muell.	l, s, b	flindersiamine	CA 47:3861.
3073. <i>Flindersia brayleyana</i> F. Muell.	b	skimmianine	CA 47:3861.
3074. <i>Flindersia collina</i> F. M. Bailey	b	unn.	Webb 241.
3075. <i>Flindersia dissosperma</i> Domin	l, b	flindersiamine	M-H III 78.
	wd	kokusaginine	M-H III 78.
	l, s, b	unn.	Webb 241, 268.
	l, s	dictamnine	CA 52:4749.
	b	flandersiamine	APCP 11.
	l	kokusaginine	APCP 11.
	l, s	maeuline	CA 52:4749.
	l	skimmianine	CA 52:4749.
	l, s	unn.	Webb 268.
	l, s, b	unn.	Webb 268.
	wd	dictamnine	AJC 10:480.
3076. <i>Flindersia laevicarpa</i> C. T. White	b, wd	flandersiamine	AJC 10:480.
3077. <i>Flindersia maculosa</i> F. Muell.	l, b, wd	kokusaginine	AJC 10:480.
	b, wd	maeuline	AJC 10:480.
	l	maculosidine	AJC 10:480.
	b, wd	maculosine	AJC 10:480.
	wd	skimmianine	AJC 10:480.
3078. <i>Flindersia oxleyana</i> F. Muell.	l, b, wd	unn.	Webb 241.
3079. <i>Flindersia pimenteliana</i> F. Muell.	l, fr, b	unn.	Webb 241, 268.
3080. <i>Flindersia pubescens</i> F. M. Bailey	l	unn.	Webb 268.
3081. <i>Flindersia schottiana</i> F. Muell.	b	unn.	Webb 241, 268.
3082. <i>Flindersia zanthoxyla</i> Domin	l	unn.	Webb 268.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3083. <i>Galipea cusparia</i> St. Hil.	b	cusparine	We 618.
3084. <i>Galipea dichotoma</i> = <i>G. dicatoma</i> Saldanha da Gama	b	unn. (9)	Orekhov 202.
3085. <i>Galipea officinalis</i> Hancock	b	cusparine	We 618.
	b	cuspareine	Henry 415.
	b	cusparidine	Henry 415.
	b	cusparine	Henry 415.
	b	fagaramine	Sokolov 124.
	b	galipidine	Henry 415.
	b	galipine	Henry 415.
	b	galipoidine	Henry 415.
	b	galipoline	Henry 517.
	b	unn.	Henry 415.
	b	unn.	Webb 241, 268.
3086. <i>Geijera muelleri</i> Benth.	l	unn.	Webb 241.
3087. <i>Geijera parviflora</i> Lindl.	l, b	unn.	Webb 241, 268.
3088. <i>Geijera salicifolia</i> Schott	l, b	unn.	Webb 268.
3089. <i>Gleznovia verrucosa</i> Turez.	l	unn.	CA 47:2838.
3090. <i>Glycosmis arborea</i> DC.	l	arborine	CA 47:2838.
		arborinine	BA 28:11914.
		glycosmine	BA 28:11914.
		pentaphylline	CA 48:7618.
		glycosine	CA 48:7618.
		glycosimine	CA 46:10185.
		kokusaginine	M-H III 78.
		skimmianine	CA 46:10185.
		unn.	D-K.
3091. <i>Glycosmis pentaphylla</i> Correa	l	unn.	Bisset 125.
		unn.	Webb PS.
3092. <i>Glycosmis</i> spp.	l, s	unn.	Webb 268.
	l, s	unn.	Webb 241.
3093. <i>Halfordia kendack</i> Guill. (<i>H. drupifera</i> F. Muell.)	l, b	unn.	Webb PS.
3094. <i>Halfordia scleroxyla</i> F. Muell.	l, b, wd	unn.	CA 47:8084.
3095. <i>Halfordia</i> sp.		unn.	CA 47:8084.
3096. <i>Haplophyllum bucharicum</i> Litwinow	l, s, fl	skimmianine	
	l, s, fl	unn.	

3097. <i>Haplophyllum dubium</i> Korovin	<i>l, s, fl.</i>	dubamine	CA 50:9435.
	<i>l, s, fl.</i>	dubinidine	CA 50:9435.
	<i>l, s, fl.</i>	dubinine	CA 50:9435.
	<i>w</i>	dubinidine	CA 52:2181
3098. <i>Haplophyllum foliosum</i>	<i>w</i>	foliosidine	CA 53:9574.
	<i>w</i>	pheliozine	CA 52:2181.
	<i>w</i>	skimmianine	CA 52:2181.
3099. <i>Haplophyllum pedicellatum</i> Bunge	<i>l, s, fl.</i>	haplophine	CA 47:8084.
	<i>r</i>	haplophine	CA 50:8691.
	<i>l, s, fl.</i>	skimmianine	CA 47:8084.
	<i>r</i>	skimmianine	CA 50:8691.
3100. <i>Haplophyllum perforatum</i> Kar. & Kir.	<i>l, s, fl.</i>	haploperine	CA 47:8084.
	<i>l, s, fl.</i>	haplophine	Orekhov 771.
	<i>l, s, fl.</i>	skimmianine	CA 47:8084.
	<i>l, s, fl.</i>	unn.	CA 47:8084.
3101. <i>Haplophyllum sieversii</i> Fisch.	<i>l, s</i>	haplophylline	Sokolov 124.
3102. <i>Haplophyllum versicolor</i> Fisch. & Mey.	<i>l</i>	unn.	CA 47:8084.
3103. <i>Haplophyllum villosum</i> G. Don	<i>b</i>	unn.	CA 48:11727.
3104. <i>Haplophyllum</i> spp.	<i>b</i>	unn.	CA 50:9435.
3105. <i>Hertia arborea</i> Engl.	<i>b</i>	dictamnine	ACS 49 P.
	<i>b</i>	γ -fagarine	ACS 49 P.
	<i>b</i>	hortiacine	ACS 49 P.
	<i>b</i>	hortiamine	ACS 49 P.
	<i>b</i>	norfagarine	ACS 49 P.
	<i>b</i>	rutaecarpine	ACS 49 P.
	<i>b</i>	skimmianine	ACS 49 P.
	<i>b</i>	unn.	CA 51:7385.
3106. <i>Lunasia amara</i> Blanco	<i>l, b</i>	lunacridine	M-H V 316.
	<i>b</i>	lunacrine	AC SJ 81:1908.
	<i>b</i>	lunamaridine	M-H V 316.
	<i>b</i>	lunamarine	M-H V 316.
	<i>b</i>	lunasine	Orekhov 768.
3107. <i>Lunasia costulata</i> Miq. (<i>L. amara</i>)	<i>l</i>	4-methoxy-2-phenylquinoline	AC SJ 79:2239.
	<i>b</i>	lunacridine	Henry 751.
	<i>b</i>	lunacrine	Henry 751.
	<i>b</i>	lunamaridine	Henry 751.
	<i>b</i>	lunamarine	Henry 751.
	<i>b</i>	lunasine	Henry 751.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3108. <i>Lunasia guercifolia</i> K. Schum.	<i>b</i>	lunacrine	AJC 11:562.
	<i>b</i>	lunine	AJC 11:562.
	<i>b</i>	7-methoxy-1-methyl-2-phenyl-4-quinolone	AJC 11:562.
3109. <i>Medicosma cunninghamii</i> Hook. f.	<i>b</i>	medicosmine	CA 48:2726.
	<i>l</i>	unn	Webb 268.
3110. <i>Melicope broadbentiana</i> F. M. Bailey	<i>l, b</i>	unn	Webb 268.
3111. <i>Melicope erythrococca</i> Benth.	<i>b</i>	unn	Webb 241.
3112. <i>Melicope fareana</i> Engl.	<i>b</i>	acronycidine	CA 46:4010.
	<i>b, l</i>	acronycine	Orekhov 245.
	<i>b, l</i>	melicopicine	CA 46:4010.
	<i>b, l</i>	melicopidine	CA 46:4010.
	<i>l</i>	melicopine	CA 46:4010.
	<i>l</i>	skimmitanine	CA 46:4010.
3113. <i>Melicope melanophloia</i> C. T. White	<i>l, s</i>	unn	Webb 268.
3114. <i>Melicope neurococca</i> Benth. (<i>Bouchardatia neurococca</i> Baill.)	<i>l, s</i>	unn	Webb 268.
	<i>l, b</i>	unn	Webb 241.
3115. <i>Melicope octandra</i> Druce (<i>M. australasica</i> F. Muell.)	<i>l, b</i>	unn	Webb 268.
3116. <i>Melicope sessiliflora</i> C. T. White	<i>l, b</i>	unn	Webb 268.
3117. <i>Merrillia caloxylon</i> Swingle	<i>l, s</i>	unn	D-K.
3118. <i>Microcitrus australis</i> Swingle (<i>Citrus australis</i> Planch.).	<i>l</i>	unn	Webb 263.
3119. <i>Microcitrus inodora</i> Swingle (<i>Citrus inodora</i> F. M. Bailey).	<i>l</i>	unn	Webb 268.
3120. <i>Micromelum minutum</i> Wight & Arn.	<i>l</i>	unn	Webb 268.
3121. <i>Micromelum pubescens</i> Blume	<i>l, s</i>	unn	Bisset 125.
3122. <i>Monnieria cuneifolia</i> Michx.		unn	CA 42:1025.
3123. <i>Murraya crenulata</i> Oliver	<i>l</i>	herpestine	Webb 268.
3124. <i>Murraya ovatifoliolata</i> Domin	<i>l</i>	unn	Webb 268.
3125. <i>Murraya paniculata</i> Jack	<i>l, s</i>	unn	D-K.

3126. <i>Oriza japonica</i> Thunb.	<i>b, r, fr</i>	dictamnine..... kokusagine..... kokusagininine..... kokusaginoline..... orixine..... skimmianine.....	Orekhov 208. Henry 759. Henry 759. Henry 759. Henry 759. M-H III 69. Webb 268.
3127. <i>Pagetia medicinalis</i> F. Muell.	<i>l</i>	unn.....	Henry 488.
3128. <i>Peganum harmala</i> L.	<i>r</i>	harmaline.....	Henry 488.
	<i>r</i>	harmalol.....	Henry 488.
	<i>r</i>	harmine.....	Henry 488.
	<i>r</i>	vasicine.....	Henry 488.
3129. <i>Pentaceras australis</i> Hook. f.	<i>l, b, wd</i>	canthin-6-one.....	CA 47:3858.
	<i>l, b</i>	5-methoxycanthin-6-one.....	CA 47:6956.
	<i>b, wd</i>	4-(methylthio) canthin-6-one.....	CA 47:9983.
	<i>l, wd, rb, fr</i>	taceridine.....	APCP 12. Webb 268.
3130. <i>Phebalium nudum</i> Hook.	<i>b</i>	unn.....	Tetra 2:256. Tetra 2:256.
	<i>b</i>	dictamnine.....	Tetra 2:256.
	<i>b</i>	evolitrine.....	Tetra 2:256.
	<i>b</i>	γ -fagarine.....	Tetra 2:256.
	<i>b</i>	kokusagininine.....	Tetra 2:256.
	<i>l</i>	skimmianine.....	Webb 268.
3131. <i>Phebalium rotundifolium</i> Benth.	<i>l, s</i>	unn.....	Webb 241.
3132. <i>Phebalium squameum</i> Engl.	<i>l</i>	unn.....	Webb 241.
3133. <i>Phebalium</i> sp.	<i>b</i>	berberine.....	Henry 329.
3134. <i>Phellodendron amurense</i> Rupr.	<i>b</i>	jatrorrhizine.....	CA 53:7219.
	<i>b</i>	magnoflorine.....	CA 51:15063.
	<i>b</i>	palmatine.....	Henry 329.
	<i>b</i>	phellodendrine.....	CA 51:15063.
	<i>b</i>	unn.....	CA 51:15063.
	<i>b</i>	berberine.....	CA 26:5571.
	<i>b</i>	palmatine.....	CA 26:5571.
	<i>b</i>	berberine.....	CA 47:4550.
3135. <i>Phellodendron insulare</i> Nakai.	<i>b, t</i>	berberine.....	CA 53:11536.
3136. <i>Phellodendron japonicum</i> Maxim.	<i>b</i>	berberine.....	CA 26:5571.
3136A. <i>Phellodendron lavallei</i> Dode.	<i>b</i>	palmatine.....	CA 26:5571.
3137. <i>Phellodendron molle</i> Nakai.	<i>l, s</i>	berberine.....	CA 50:17339.
3138. <i>Phellodendron wilsonii</i> Hayata & Kanchira.		unn.....	Webb 268.
3139. <i>Philoteca ciliata</i> Hook. (<i>P. australis</i> Rudge var. <i>parviflora</i>).			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant'part	Alkaloid	Reference
RUTACEAE—Continued			
3140. <i>Philotheca reichenbachiana</i> Sieber	<i>l</i>	unn.	Webb 268.
3141. <i>Pilocarpus heterophyllus</i> Griseb.	<i>l</i>	pilocarpine.	M-H III 206.
3142. <i>Pilocarpus jaborandii</i> Holmes	<i>l</i>	isopilocarpine.	M-H III 206.
		pilocarpidine.	Henry 621.
		pilocarpine.	Henry 621.
		pilosine.	Orekhov 641.
		unn.	We 616.
3143. <i>Pilocarpus macrocarpus</i> Engl.	<i>l</i>	isopilocarpine.	Henry 621.
3144. <i>Pilocarpus microphyllus</i> Stapf.	<i>l</i>	pilocarpine.	Henry 621.
	<i>l</i>	pilosine.	Henry 621.
3145. <i>Pilocarpus pennatifolius</i> Lem.	<i>l</i>	isopilocarpine.	Henry 621.
	<i>l, fl, fr</i>	jaborandine.	Henry 621.
	<i>l</i>	pilocarpine.	N-O.
	<i>l</i>	pilosine.	Henry 621.
3146. <i>Pilocarpus pinnatus</i> Mart.	<i>l, s</i>	pilocarpine.	Orekhov 641.
3147. <i>Pilocarpus racemosus</i> Vahl	<i>l</i>	pilocarpine.	LCSJ 31:324.
3148. <i>Pilocarpus sellianus</i> Engl.	<i>l</i>	unn.	Henry 621.
3149. <i>Pilocarpus spicatus</i> A. St. Hil.	<i>l</i>	ψ-jaborine.	We 615.
	<i>l</i>	ψ-pilocarpine.	Henry 621.
	<i>l</i>	pilosine.	Henry 621.
3150. <i>Pilocarpus trachylophus</i> Holmes	<i>l</i>	unn.	Orekhov 641.
3151. <i>Pleiococca wilcoxiana</i> F. Muell.	<i>fr</i>	unn.	M-H III 206.
3152. <i>Ruta graveolens</i> L.	<i>fr</i>	kokusaginine.	Webb 268.
	<i>fr</i>	skimmianine.	CA 52:17311.
	<i>l</i>	unn.	CA 52:17311.
3153. <i>Skimmia japonica</i> Thunb.	<i>l</i>	bases A, B, C.	CA 8:1808.
	<i>l</i>	dictamine.	CA 53:3602.
	<i>l</i>	skimmianine.	Sokolov 125.
3154. <i>Skimmia laureola</i> Sieb. & Zucc.	<i>l</i>	skimmianine.	Henry 414.
3155. <i>Skimmia repens</i> Nakai	<i>l</i>	dictaminine.	Henry 414.
3155A. <i>Teclea grandifolia</i> Engl.	<i>sd</i>	dictaminine.	Henry 413.
	<i>r</i>	evoxanthine.	CA 50:10340.
			CR 247:2421.

3156. <i>Toddalia aculeata</i> Pers.	<i>rb</i>	toddaline	CA 50:13961. CA 50:13961.
3157. <i>Toddalia asiatica</i> Lam.	<i>rb</i>	toddalinine	CA 12:832.
3157A. <i>Zanthoxylum ailanthoides</i> Sieb. & Zucc.	<i>wd</i>	berberine	CA 53:7218.
	<i>b</i>	dictamnine	CA 53:7218.
	<i>wd</i>	laurifoline	CA 53:7218.
	<i>wd</i>	magnoflorine	CA 53:7218.
	<i>b</i>	skimmianine	CA 53:7218.
	<i>b</i>	berberine	C-B-G 274.
	<i>b</i>	O-methyltyramine-N-methyl-	M-H III 322.
		cinnamide	M-H III 322.
3158. <i>Zanthoxylum alatum</i> Roxb.	<i>wd</i>	berberine	Klein 729.
3159. <i>Zanthoxylum americanum</i> Mill.		α -allocryptopine	Orehov 496.
		canadine	Henry 330.
3160. <i>Zanthoxylum bossua</i>		chelerythrine	CA 47:4603.
3161. <i>Zanthoxylum brachyacanthum</i> F. Muell.		β -homochelidonine	CA 47:4603.
	<i>b</i>	γ -homochelidonine	Henry 330.
	<i>b, l</i>	isocorydine	CA 47:4603.
	<i>b</i>	N-methylisocorydine	JOC 19:1774.
	<i>b</i>	veneficine	APCP 12.
	<i>b</i>	unn.	Webb 268.
	<i>b</i>	budrugaine	Henry 783.
	<i>b</i>	budrugainine	Henry 783.
3162. <i>Zanthoxylum budrunga</i> DC.		berberine	Henry 330.
3163. <i>Zanthoxylum caribaeum</i> Lam.		N-(2-p-anisylethyl)-N-methyl-	Henry 330.
		cinnamide	
3164. <i>Zanthoxylum carolineanum</i> Lam.	<i>b</i>	unn.	We 605.
3165. <i>Zanthoxylum clava-herculis</i> L.		berberine	Sokolov 125.
		α and β -xanthérine	Sokolov 125.
3165A. <i>Zanthoxylum fagara</i> (L.) Sarg.	<i>l, s</i>	unn.	Wall 60.
3166. <i>Zanthoxylum macrophyllum</i> Oliver		fagaramide	Orehov 688.
3167. <i>Zanthoxylum naranjillo</i> Griseb.	<i>l</i>	xanthoxoline	N-O.
3168. <i>Zanthoxylum nitidum</i> DC.	<i>r</i>	nitidine	CI 1958:1514.
	<i>r</i>	oxynitidine	CI 1958:1514.
	<i>b</i>	α - and β -xanthérine	Merck.
3169. <i>Zanthoxylum ochroxylum</i> DC.		berberine	Klein 729.
3170. <i>Zanthoxylum odontalgicum</i>		unn.	We 605.
3171. <i>Zanthoxylum pentanome</i> DC.		berberine	We 605.
3172. <i>Zanthoxylum perrottetii</i> DC.			

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3173. <i>Zanthoxylum piperitum</i> DC.	s, r	magnoflorine sanshoamide	CA 51:15893. CA 48:4994.
3174. <i>Zanthoxylum scandens</i> Blume	r	unn	Klein 729.
3175. <i>Zanthoxylum senegalense</i> DC.	b	artarine	Merck.
3176. <i>Zanthoxylum suberosum</i> C. T. White	b	unn	Henry 330. APCP 12.
3177. <i>Zanthoxylum torvum</i> F. Muell.	l, b	taceridine	Webb 268.
3178. <i>Zanthoxylum venescum</i> F. M. Bailey	l, b	unn	Webb 241, 268. CA 47:4603.
	b	canadine	CA 47:4603.
	b	chelerythrine	CA 47:4603.
	b	β -homochelidonine	CA 47:4603.
	b	isocorydine	CA 47:4603.
	b	N-methylisocorydine	JOC 19:1774.
3179. <i>Zieria lanceolata</i> R. Br.	unn	We 618.	
3180. <i>Zieria octandra</i> Sweet	unn	We 618.	
3181. <i>Zieria smithii</i> Andr.	l, s, r	unn	Webb 241.
SALICACEAE			
3182. <i>Salix caprea</i> L.	f	unn	CA 50:7326.
SALVADORACEAE			
3183. <i>Salvadora oleoides</i> Decne.	l, b	unn	C-B-G 639.
SANTALACEAE			
3184. <i>Exocarpus cupressiformis</i> Labill.	s, b	unn	Webb 241.
3185. <i>Exocarpus latifolius</i> R. Br.	l, s	unn	Webb 241.
3186. <i>Henslowia</i> sp. nov.	l, s	unn	Webb 268.
3187. <i>Santalum lanceolatum</i> R. Br.	l	unn	Webb 241.
3188. <i>Theesia minkwitzianum</i> Fedtsch.		thesine	Henry 777.

3189. <i>Theesium szowitsii</i> A. DC.		unn.	CA 48:11727.
SAPINDACEAE			
3190. <i>Akania hillii</i> Hook. f.	<i>l, b, wd.</i>	unn.	Webb 241.
3191. <i>Alectryon connatum</i> Radlk.	<i>l</i>	unn.	Webb 241.
3192. <i>Allophylus cobbe</i> Blume.	<i>sd</i>	unn.	Bisset 125.
3193. <i>Arytera distylis</i> Radlk. (<i>Nephelium distyle</i> F. Muell.).	<i>l</i>	unn.	Webb 268.
3194. <i>Arytera foveolata</i> F. Muell.	<i>l, b</i>	unn.	Webb 241.
3195. <i>Atalaya virens</i> C. T. White.	<i>b</i>	unn.	Webb 241.
3196. <i>Cardiospermum halicacabum</i> L.	<i>w</i>	unn.	D-K.
3197. <i>Cupaniopsis anacardioides</i> Radlk. (<i>Cupania anacardioides</i> A. Rich.).	<i>l</i>	unn.	Webb 268.
3198. <i>Diatenopteryx sorbifolia</i> Radlk.		unn.	BA 23:1939.
3199. <i>Dodonaea boroniaefolia</i> G. Don.	<i>l</i>	unn.	Webb 241.
3200. <i>Dodonaea lanceolata</i> F. Muell.	<i>l, s</i>	unn.	Webb 241.
3201. <i>Dodonaea thunbergiana</i> Eckl. & Zeyh.	<i>l</i>	unn.	CA 18:1362.
3302. <i>Dodonaea viscosa</i> Jacq.	<i>l</i>	unn.	Webb 241.
3203. <i>Elatostachys</i> (<i>Cupania</i>) <i>nervosa</i> Radlk.	<i>l, b</i>	unn.	Webb 268.
3204. <i>Guioa semiglaucia</i> Radlk. (<i>Nephelium semiglaucum</i> F. Muell.).	<i>l, s</i>	unn.	Webb 268.
3205. <i>Harpullia pendula</i> Planch.	<i>l</i>	unn.	Webb 241.
3206. <i>Harpullia rhyticarpa</i> C. T. White.	<i>l, rb</i>	unn.	Webb 241.
3207. <i>Mischocarpus</i> aff. <i>pyriformis</i> Radlk. (<i>Ratonia pyriformis</i> Benth. & Hook. f.).	<i>l, s, b, fl</i>	unn.	Webb 268.
3208. <i>Paullinia cupana</i> H.B.K.	<i>sd</i>	caffeine	We Sup 147.
	<i>sd</i>	theobromine	CA 49:4237.
	<i>sd</i>	theophylline	CA 79:4237.
		timbonine	Sokolov 126.
3209. <i>Paullinia scarlatina</i> Radlk.	<i>b, w</i>	caffeine	We 730.
3210. <i>Paullinia sorbilis</i> Mart.	<i>l, sd</i>	caffeine	Freise.
3211. <i>Paullinia triantennata</i> Silveira.	<i>l, sd</i>	caffeine	Freise.
3212. <i>Paullinia yoco</i> R. E. Schultes & Killip		caffeine	Hocking 163.
3213. <i>Sapindus emarginatus</i> Vahl.		caffeine	Sokolov 126.
3214. <i>Sapindus mukorossii</i> Gaertn.	<i>fr</i>	sanguinarine	CA 32:1403.
3215. <i>Serjania lethalis</i> A. St. Hil.		unn.	Sokolov 126.
		senecifoline	

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SAPOTACEAE			
3216. <i>Achras sapota</i> L.	<i>l, sd, b</i>	unn.	We 936.
3217. <i>Amorphospermum antilogum</i> F. Muell. (<i>Lucuma amorphospermum</i> F. M. Bailey).	<i>l</i>	unn.	Webb 268.
3218. <i>Chrysophyllum roxburghii</i> G. Don	<i>l</i>	unn.	We 941.
3218A. <i>Dipholis salicifolia</i> (L.) DC.	<i>l, s, fr</i>	unn.	Wall 60.
3220. <i>Lucuma caimito</i> Roem. & Schult.	<i>l</i>	unn.	We 938.
3221. <i>Madhuca latifolia</i> Macbride	<i>l</i>	unn.	C-B-G 630.
3222. <i>Mimusops elengi</i> L.	<i>b, fl</i>	unn.	We 940.
3223. <i>Mimusops parvifolia</i> R. Br.	<i>l, b, fr</i>	unn.	Webb 241.
3224. <i>Palaquium beauvoisagei</i> Burck.	<i>l, r</i>	unn.	We 934.
3225. <i>Payena leerii</i> Kurz	<i>l</i>	unn.	We 935.
3226. <i>Planchonella cotinifolia</i> (A. DC.) Dubard (<i>Hormogyne cotinifolia</i> A. DC.).	<i>l, s, b</i>	unn.	Webb 268.
3227. <i>Planchonella</i> aff. <i>obovata</i> Pierre	<i>l</i>	unn.	Webb 268.
3228. <i>Planchonella</i> (<i>Sideroxylon</i>) <i>pohlmaniana</i> (Benth. & Hook. f.) Burkill.	<i>l, s, b</i>	unn.	Webb 268.
3229. <i>Pouteria sericea</i> (Ait.) Baehni (<i>Lucuma sericea</i> Benth. & Hook. f.) (<i>Sideroxylon myrsinoides</i> Benth. & Hook. f.).	<i>l, b</i>	unn.	Webb 268.
3230. <i>Pouteria</i> sp.	<i>bast</i>	yohimbine	CA 52:17613.
3231. <i>Sideroxylon bancanum</i> Burck	<i>l, b</i>	unn.	We 938.
3232. <i>Sideroxylon firmum</i> Pierre	<i>l, b</i>	unn.	We 938.
3233. <i>Sideroxylon indicum</i> Burck	<i>l, b</i>	unn.	We 938.
3234. <i>Sideroxylon pohlmannianum</i> Benth. & Hook. f.	<i>l, b</i>	unn.	Webb 268.
3235. <i>Sideroxylon</i> sp. (<i>S. myrsinoides</i> Benth. & Hook. f. sens. lat.).	<i>l, b</i>	unn.	Webb. 268
SARRACENIACEAE			
3236. <i>Sarracenia flava</i> L.	<i>r</i>	"veratrine"	Klein 790.
3237. <i>Sarracenia rubra</i> Walt.	<i>l, rh</i>	unn.	CA 25:2521.
		unn.	CA 25:2521.

SAXIFRAGACEAE

3238. <i>Dichroa febrifuga</i> Lour.	<i>l, r</i>	dichroidine	Henry 725.
	<i>l, r</i>	α - β - and γ -dichroine	Henry 725.
	<i>l, r</i>	febrifugine	Henry 725.
	<i>l, r</i>	isofebrifugine	Henry 725.
	<i>l, r</i>	4-ketodihydroquinazoline	Henry 725.
	<i>l, r</i>	unn	Henry 781.
3239. <i>Hydrangea umbellata</i> Rehd.	<i>l, r</i>	febrifugine	CA 46:11435.
3240. <i>Hydrangea</i> sp.	<i>l, s</i>	unn	Webb 241.
3241. <i>Polyosma cunninghamii</i> Benn.	<i>l, b</i>	unn	Webb 241.
3242. <i>Polyosma rhytophloia</i> C. T. White & Francis			

SCROPHULARIACEAE

3243. <i>Bungea trifida</i> C. A. Mey.		unn	CA 48:11727.
3243A. <i>Cordylanthus filifolius</i> Nutt.	<i>l</i>	unn	Wall 55.
3244. <i>Herpestis monnieria</i> H.B.K.		herpestine	M-H V 312.
3245. <i>Lindenbergia philippinensis</i> Benth.	<i>l</i>	unn	PPAJ 39:305.
3246. <i>Morgania glabra</i> R. Br.	<i>l, s, fl</i>	unn	Webb 268.
3247. <i>Pedicularis</i> sp.		unn	CA 48:11727.
3248. <i>Scoparia dulcis</i> L.	<i>w</i>	unn	CA 50:16038.
3249. <i>Verbascum virgatum</i> Stokes.	<i>l, s, r</i>	unn	Webb 241.
3250. <i>Verbascum</i> sp.	<i>l, s</i>	unn	Webb 241.
			CA 48:11727.

SIMAROUBACEAE

3251. <i>Ailanthus glandulosa</i> Desf.	<i>l, s, r</i>	unn	Webb 268.
3252. <i>Ailanthus malabarica</i> DC.	<i>l, b</i>	unn	Webb 241.
3253. <i>Brucea amarissima</i> Desr.	<i>sd</i>	brucamarine	C-B-G 281.
3254. <i>Brucea javanica</i> Merrill.		yatanine	Henry 779.
3255. <i>Brucea sumatrana</i> Roxb.	<i>l, s, sd</i>	unn	Bigget 125.
3256. <i>Eurycoma apiculata</i> A. W. Benn.	<i>b</i>	unn	Webb 268.
3257. <i>Guilfoylia monostylis</i> F. Muell. (<i>Cadellia monostylis</i> Benth.).	<i>s, r</i>	unn	D-K.
3258. <i>Harrisonia brownii</i> A. Juss.	<i>l</i>	unn	Webb 268.
3259. <i>Hyptiandra (Samadera) bidwillii</i> Hook. f.	<i>l</i>	unn	Webb 268.
3260. <i>Picrasma crenata</i> Engl.		sigmine	Henry 782.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SIMAROUBACEAE—Continued			
3261. <i>Picrasma excelsa</i> Planch.	b, wd	unn	We 643.
3262. <i>Picrolemma pseudocoffea</i> Ducke	s	quinine	CA 52:506.
3263. <i>Quassia amara</i> L.	wd	unn	We 643.
3264. <i>Samadera baileyana</i> Oliver (<i>Hyptiandra bidwillii</i> Hook. f. var. <i>grandifuscula</i>).	l	unn	Webb 268.
SOLANACEAE			
3265. <i>Acnistus arborescens</i> Schlecht.	l	unn	APAJ 46:302.
3266. <i>Acnistus caulisflorus</i> Schott	l	acnistine	We 1106.
3267. <i>Acnistus parviflorus</i> Griseb.		unn	BA 24:30953.
3267A. <i>Anisodus turidus</i> Link & Otto	l	unn	CA 51:5369.
3268. <i>Anthocercis eadesii</i> F. Muell.	l, s	unn	Webb 268.
3269. <i>Anthocercis scabrella</i> Benth.	r	anthocerine	Webb 268.
3270. <i>Anthocercis viscosa</i> R. Br.	w, r	apoatropine	Klein 746.
3271. <i>Atropa belladonna</i> L.	w, r	atropine	Henry 65.
	r	belladomnine	Orekhov 137.
	r	bellaradidine	CA 51:3928.
	w, r	cuscohygrine	CA 50:17317.
	w, r	hyoscine	CA 49:5780.
	r	hyoscyamine	Henry 65.
		N-methylpyrrolidine	Henry 65.
		scopolamine	M-H I 91.
	nectar	unn	CA 51:3928.
	w	atropine	CA 50:7309.
	w	hyoscyamine	Henry 65.
	fr	atropine	Klein 744.
3272. <i>Atropa baetica</i> Willd.	l, s	unn	BA 25:11870.
3273. <i>Atropa lutea</i> Döll.			APAJ 46:302.
3274. <i>Atropa × martiana</i> Font Quer.			
3275. <i>Brunfelsia americana</i> L.			

3276. <i>Brunfelsia hopeana</i> Benth.	<i>b, r</i>	brunfelsine	Archiv Pharm 19:292. We 1118. Webb 232. D-K. Sokolov 130. Schreiber. Webb 241. Arthur. Webb 268. Webb 241. APAJ 46:302. Merck. APAJ 46:302. Webb 232. APAJ 46:302. Wall 55. Webb 268. Henry 65. Henry 65. Henry 65. Henry 65. Henry 65. BA 24:25052.
3277. <i>Brunfelsia undulata</i> Sw.	<i>s</i>	manacine	
3278. <i>Capsicum annuum</i> L.	<i>w</i>	mandragorine	
3279. <i>Capsicum fastigiatum</i> Blume	<i>l, rb</i>	unn	
3280. <i>Capsicum frutescens</i> L. (<i>C. fastigiatum</i>)	<i>l</i>	capsaicine	
	<i>l, fr</i>	solanidine(?)	
3281. <i>Capsicum</i> sp.	<i>l, s, fr</i>	unn	
3282. <i>Cestrum albotomentosum</i> Dammer	<i>l, c</i>	unn	
3283. <i>Cestrum foetidissimum</i> Jacq.	<i>b</i>	unn	
3284. <i>Cestrum nocturnum</i> L.	<i>l, s</i>	parquine	
3285. <i>Cestrum parqui</i> L'Herit.	<i>l, s, fr</i>	unn	
	<i>s</i>	parquine	
	<i>fr</i>	unn	
3286. <i>Cyphomandra betacea</i> Miere	<i>l, s, fr</i>	hyoscine	
3287. <i>Datura alba</i> Nees	<i>sd</i>	hyoscyamine	
3288. <i>Datura arborea</i> L.	<i>l, r</i>	atropine	
3289. <i>Datura aurea</i> Safford.	<i>l, sd</i>	hyoscine	
	<i>s, r</i>	hyoscyamine	
	<i>fr</i>	scopolamine	
3290. <i>Datura ceratocaula</i> Jacq.	<i>fr</i>	scopolamine	BA 24:25052.
3291. <i>Datura fastuosa</i> L.	<i>l</i>	atropine	Merck.
	<i>l, s, fr, sd</i>	hyoscine	Henry 65.
	<i>l, s, jr, sd</i>	hyoscyamine	Henry 65.
	<i>fr</i>	scopolamine	BA 24:25052.
3292. <i>Datura ferox</i> L.	<i>r</i>	cuscohygrine	CA 49:5780.
	<i>r</i>	3,6-ditigloyloxytropane	LCSJ 1959:1406.
	<i>w, r</i>	7 - hydroxy - 3,6 - ditigloyloxy-	CA 51:10547.
	<i>w, r</i>	tropane.	
	<i>w, r</i>	hyoscine	CA 47:8836.
	<i>r</i>	hyoscyamine	CA 47:8836.
	<i>r</i>	meteloidine	CA 47:8836.
	<i>r</i>	3-tigloyloxytropane	LCSJ 1959:1406.
	<i>r</i>	tropine	LCSJ 1959:1406.
	<i>r</i>	ψ-tropine	LCSJ 1959:1406.
	<i>r</i>	unn	Naturw 45:187.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3293. <i>Datura inermis</i> Jacq.	fr.	scopolamine	BA 24:25052.
3294. <i>Datura innoxia</i> Mill.	r.	atropine	LCSJ 1959:1406.
	r.	euscohygrine	LCSJ 1959:1406.
	r.	3,6-ditigloyloxytropane	CA 52:17310.
	r.	7-hydroxy - 3,6 - ditigloyloxy-tropane	LCSJ 1959:1406.
	r.	hyoscine	LCSJ 1959:1406.
	r.	hyoscyamine	LCSJ 1959:1406.
	w.	meteloidine	CA 47:7037.
	l, r.	scopolamine	CA 49:11237.
	r.	tropine	LCSJ 1959:1406.
	r.	β-tropine	LCSJ 1959:1406.
	r.	unn.	CA 50:1261.
		hyoscyamine	BA 31:39465.
		meteloidine	BA 31:39465.
		scopolamine	BA 31:39465.
		scopolamine	BA 24:25052.
3295. <i>Datura insignis</i> Barb. Rodr.	fr.	atropine	Henry 65.
3296. <i>Datura leichhardtii</i> F. Muell.	l, fr, sd, r.	euscohygrine	CA 49:5780.
3297. <i>Datura metel</i> L.	l, fr, sd, r.	hyoscine	Henry 65.
		hyoscyamine	Orekhov 137.
		norhyoscyamine	M-H I 287.
		scopolamine	BA 24:25052.
		atropine	Henry 65.
		hyoscine	Henry 65.
		hyoscyamine	Orekhov 137.
		meteloidine	Henry 65.
		norhyoscyamine	Henry 65.
3298. <i>Datura meteloides</i> DC.	fr.	hyoscine	Henry 65.
	w.	hyoscyamine	Henry 65.
	w.	meteloidine	Orekhov 137.
	w.	norhyoscyamine	Henry 65.
	l, sd	hyoscine	Henry 65.
3299. <i>Datura quercifolia</i> H.B.K.	l, sd	hyoscyamine	Henry 65.

3300. <i>Datura stramonium</i> L.	<i>r</i>	cuscohygrine 7-hydroxy - 3,6-ditigloyloxytro- pane.	CA 49:5780. CA 51:10547.
	<i>w, sd, r</i>	hyoscine	Henry 65.
	<i>w, sd, r</i>	hyoscyamine	Henry 65.
	<i>fr</i>	scopolamine	BA 24:25052.
	<i>t, s</i>	unn.	Wall 55.
	<i>l</i>	hyoscine	CA 52:5741.
	<i>l</i>	hyoscyamine	CA 52:5741.
	<i>l</i>	scopolamine	BA 32:17471.
	<i>l</i>	unn.	APAJ 46:302
	<i>l</i>	atropine	Webb 232.
	<i>r</i>	7-hydroxy-3,6-ditigloyloxytro- pane.	CA 51:10547.
	<i>w</i>	hyoscine	CA 47:8836.
	<i>l</i>	hyoscyamine	Webb 232.
	<i>fr</i>	scopolamine	BA 24:25052.
	<i>l</i>	nicotine	Henry 35.
	<i>l</i>	nornicotine	Henry 35.
	<i>l</i>	atropine	Webb 232.
	<i>l</i>	butropine	CA 49:6283.
	<i>l</i>	hyoscine	Henry 65.
	<i>l</i>	hyoscyamine	Henry 65.
	<i>l</i>	norhyoscyamine	Henry 65.
	<i>l</i>	tigloidine	APCP 25.
	<i>l</i>	valtropine	CA 49:6283.
	<i>l</i>	anabasine	LCSJ 1957:3967.
	<i>l</i>	base Z	LCSJ 1937:1820.
	seedlings	hyoscine	Nature 171:435.
	<i>l</i>	hyoscyamine	LCSJ 1937:1820.
	<i>l</i>	isopelletierine	LCSJ 1937:3967.
	<i>l</i>	isoporoidine	LCSJ 1938:1685.
	seedlings	nicotine	Nature 171:435.
	<i>l</i>	norhyoscyamine	Merck.
	seedlings	nornicotine	Nature 171:435.
	<i>l</i>	poroidine	LCSJ 1938:1685.
	<i>l</i>	scopolamine	Orekhov 150.
	<i>l</i>	tigloidine	LCSJ 1937:1820.
	<i>l</i>	valerojidine	LCSJ 1937:1820.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3306. <i>Fabiana imbricata</i> Ruiz & Pav.		unn.	Klein 746.
3307. <i>Hyoscyamus albus</i> L.	<i>l, r, sd</i>	hyoscine	Henry 66.
	<i>l, r, sd</i>	hyoscyamine	Henry 66.
3308. <i>Hyoscyamus muticus</i> L.	<i>l, s, sd</i>	hyoscine	CA 48:10296.
	<i>l, s, r, sd</i>	hyoscyamine	Henry 66.
3309. <i>Hyoscyamus niger</i> L.	<i>l, s, r, sd</i>	atropine	Henry 66.
	<i>w, sd</i>	cuscohygrine	CA 49:5780.
3310. <i>Hyoscyamus reticulatus</i> L.	<i>b</i>	hyoscine	Henry 66.
3311. <i>Juanulloa aurantiaca</i> Otto & Dietr.	<i>s</i>	hyoscyamine	Henry 66.
3312. <i>Lycium andersonii</i> A. Gray		parquine	Merck.
3313. <i>Lycium barbarum</i> L.		unn.	APAJ 46:302.
3314. <i>Lycium chinense</i> Mill.	<i>l, s, r</i>	unn.	Klein 744.
3315. <i>Lycium halimifolium</i> Mill.	<i>l</i>	unn.	D-K.
3316. <i>Lycium ruthenicum</i> Murr.	<i>w</i>	unn.	Muen 210.
3317. <i>Lycopersicon cerasiforme</i> Dun.	<i>l</i>	unn.	CA 35:4154.
3318. <i>Lycopersicon esculentum</i> Mill.	<i>fr</i>	tomatidine	I-R.
	<i>l</i>	narcotine	CA 51:1382.
	<i>fr, l</i>	solanidine	PC 204:112.
3319. <i>Lycopersicon glandulosum</i> C. H. Muller	<i>w</i>	tomatidine	Schreiber.
3320. <i>Lycopersicon hirsutum</i> H.B.K.		tomatidine	Schreiber.
3321. <i>Lycopersicon humboldtii</i> Dun.		tomatidine	Naturw 44:547
3322. <i>Lycopersicon mexicanum</i>	<i>w</i>	tomatidine	Schreiber.
3323. <i>Lycopersicon peruvianum</i> Mill.	<i>w</i>	tomatidine	CA 51:671.
3324. <i>Lycopersicon pimpinellifolium</i> Mill. (<i>L. racemigerum</i> Lange).	<i>w</i>	tomatidine	Schreiber.
3325. <i>Lycopersicon pruniforme</i>	<i>l</i>	tomatidine	Schreiber.
3326. <i>Lycopersicon pyriforme</i> Dun.	<i>l</i>	tomatidine	CA 51:1382.
3327. <i>Lycopersicon ribesiforme</i>	<i>l</i>	tomatidine	CA 51:1382.

3328. <i>Mandragora autumnalis</i> Bertol.	r	atropine	We 1106.
	r	hyoscyamine	We 1106.
	r	mandragorine	We 1106.
	r	scopolamine	We 1106.
	r	cuscohygrine	CA 49:5780.
	r	hyoscyamine	M-H I 313.
	r	mandragorine	M-H I 313.
	r	norhyoscyamine	Orekhov 146.
	r	scopolamine	M-H I 313.
	l, s	hyoscyamine	Henry 66.
	l, s	hyoscyamine	Sokolov 131.
	l, s	hyoscine	Henry 66.
	l, s	hyoscyamine	Henry 66.
	l, s	ψ-hyoscyamine	Henry 66.
	l, s	mandragorine	Henry 66.
	l, s	norhyoscyamine	M-H I 287.
	l, s	unn	BA 26:26009.
	l, s	unn	Klein 744.
	l, s	nicotine	M-H I 230.
	l, s	nornicotine	Tob Sci 3:89.
	l, s	unn	BA 30:3575.
	l, s	nicotine	M-H I 230.
	w	nicotine	M-H I 230.
	w	nictotine	APAJ 34:199.
	w	nornicotine	APAJ 34:199.
	w	anabasine	Tob Sci 3:89.
	w	nicotine	M-H I 230.
	w	nornicotine	M-H I 230.
	w	anabasine	Tob Sci 3:89.
	w	nicotine	M-H I 230.
	w	nornicotine	Tob Sci 3:89.
	w	anabasine	M-H I 230.
	w	nicotine	Tob Sci 3:89.
	w	noraicotine	M-H I 230.
	w	anabasine	Tob Sci 3:89.
	w	nicotine	M-H I 230.
	w	nornicotine	M-H I 230.
	w	nicotine	Tob Sci 3:89.
	w	nornicotine	M-H I 230.
	w	nicotine	M-H I 230.
	w	nornicotine	M-H I 230.
	w	nicotine	M-H I 230.
	w	nornicotine	M-H I 230.
	w	nicotine	M-H I 230.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3347. <i>Nicotiana clevelandii</i> A. Gray	l	nicotine	M-H I 230.
3348. <i>Nicotiana colyzina</i>	l	nicotine	M-H I 230.
3349. <i>Nicotiana debneyi</i> Domin	l	anabasine	M-H I 231.
	l	nicotine	M-H I 231.
	l	nornicotine	Tob Sci 3:89.
	l	nicotine	Orekhov 121.
	l	nornicotine	M-H I 230.
3350. <i>Nicotiana eastii</i> Kostoff	l	nicotine	CA 42:2399.
3351. <i>Nicotiana excelsior</i> J. M. Black	l	nornicotine	CA 42:2399.
3352. <i>Nicotiana exigua</i> Wheeler	l	nicotine	M-H I 230.
3353. <i>Nicotiana glauca</i> R. Grah	l, r	nornicotine	M-H I 230.
	l, r	anabasine	M-H I 231.
	l	nicotine	M-H I 231.
	l	nornicotine	CA 52:14093.
3354. <i>Nicotiana glutinosa</i> L.	r	anabasine	ABB 80:258.
	r	anatabine	ABB 80:258.
	r	nicotine	ABB 80:258.
	l	nornicotine	ABB 80:258.
	l	nicotine	M-H I 246.
3355. <i>Nicotiana goodspeedii</i> Wheeler	l	nornicotine	M-H I 230.
3356. <i>Nicotiana gossei</i> Domin	l	anabasine	M-H I 230.
	l	nicotine	Tob Sci 3:89.
	l	nornicotine	M-H I 230.
	l, s, r	unn	Tob Sci 3:89.
3357. <i>Nicotiana ingulba</i> J. M. Black	l	nicotine	Webb 268.
3357A. <i>Nicotiana knightiana</i> Goodspeed	l	nornicotine	M-H I 230.
	l	anabasine	M-H I 230.
	l	nicotine	Tob Sci 3:89.
	l	nornicotine	Tob Sci 3:89.
3358. <i>Nicotiana langsdorffii</i> Schrank	l	nicotine	M-H I 230.
	l	nornicotine	M-H I 230.

3359. <i>Nicotiana longiflora</i> Cav.	<i>l.</i>	nicotine	Tob Sci 3:89.
3360. <i>Nicotiana macrophylla</i> Spreng.	<i>l.</i>	nornicotine	Tob Sci 3:89.
3361. <i>Nicotiana maritima</i> Wheeler	<i>l.</i>	nicotine	M-H I 230.
3362. <i>Nicotiana megalosiphon</i> Heurck & Muell. Arg.	<i>l.</i>	nornicotine	M-H I 230.
	<i>l.</i>	anabasine	Tob Sci 3:89.
	<i>l.</i>	nicotine	M-H I 230.
	<i>l.</i>	nornicotine	M-H I 230.
	<i>l.</i>	unn.	Webb 268.
3363. <i>Nicotiana nesophila</i> I. M. Johnston	<i>l., s., r., fl.</i>	anabasine	Tob Sci 3:89.
3364. <i>Nicotiana nudicaulis</i> S. Wats.	<i>l.</i>	nicotine	M-H I 230.
3365. <i>Nicotiana otophora</i> Griseb.	<i>l.</i>	nornicotine	M-H I 230.
3366. <i>Nicotiana palmeri</i> A. Gray	<i>l.</i>	anabasine	Tob Sci 3:89.
3367. <i>Nicotiana paniculata</i> L.	<i>l.</i>	nicotine	Tob Sci 3:89.
3368. <i>Nicotiana petiolaris</i> Schlecht.	<i>l.</i>	nornicotine	M-H I 230.
3369. <i>Nicotiana plumbaginifolia</i> Viv.	<i>l.</i>	anabasine	Tob Sci 3:89.
3370. <i>Nicotiana quadrivalvis</i> Pursh	<i>l.</i>	nicotine	M-H I 230.
3371. <i>Nicotiana raimondii</i> Macbride	<i>l.</i>	nornicotine	M-H I 230.
3372. <i>Nicotiana repanda</i> Willd.	<i>l.</i>	nicotine	M-H I 230.
3373. <i>Nicotiana rosulata</i> (S. Moore) Domin	<i>l.</i>	nornicotine	M-H I 230.
3374. <i>Nicotiana rotundifolia</i> Lindl.	<i>l.</i>	anabasine	M-H I 231.
3375. <i>Nicotiana rusbyi</i> Britton	<i>l.</i>	nicotine	M-H I 231.
3376. <i>Nicotiana rustica</i> L.	<i>l.</i>	nornicotine	M-H I 230.
	<i>l.</i>	nicotine	M-H I 230.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3377. <i>Nicotiana sanderae</i> W. Wats.	<i>l</i>	nornicotine	M-H I 230.
3378. <i>Nicotiana sanguinea</i> Link & Otto	<i>l</i>	nicotine	M-H I 230.
	<i>l</i>	nornicotine	M-H I 230.
	<i>l</i>	nicotine	M-H I 230.
	<i>l</i>	nornicotine	M-H I 230.
	<i>l</i>	nicotine	M-H I 230.
	<i>l</i>	nornicotine	M-H I 230.
	<i>l</i>	nicotine	M-H I 230.
	<i>l</i>	nornicotine	M-H I 230.
	<i>l</i>	nicotine	M-H I 230.
	<i>l</i>	nornicotine	M-H I 230.
	<i>l</i>	nicotine	M-H I 230.
	<i>l</i>	nornicotine	M-H I 230.
	<i>l</i>	anabasine	Tob Sci 3:89.
	<i>l</i>	nicotine	M-H I 230.
	<i>l</i>	nornicotine	M-H I 230.
	<i>r</i>	anabasine	ABB 80:258.
	<i>r</i>	anatabine	ABB 80:258.
3383. <i>Nicotiana tabacum</i> L.	<i>w</i>	N-methylanabasine	Henry 45.
	<i>w</i>	N-methylpyrrolidine	M-H I 229.
	<i>w</i>	myosmine	BA 24:10588.
	<i>w</i>	nicoteine	Henry 46.
	<i>w</i>	nicotelline	Henry 46.
	<i>w</i>	nicotimine	Henry 45.
	<i>w, r</i>	nicotine	ABB 80:258.
	<i>w</i>	nicotyrine	Henry 40.
	<i>w</i>	nornicotine	Henry 37.
		piperidine	M-H I 229.
		pyrrolidine	M-H I 229.
3384. <i>Nicotiana texana</i> Maxim.	<i>l, r</i>	unn.	BA 30:8575.
3385. <i>Nicotiana tomentosa</i> Ruiz & Pav.	<i>l</i>	nicotine	Tob Sci 3:89.
3386. <i>Nicotiana tomentosiformis</i> Goodspeed	<i>l</i>	nornicotine	M-H I 230.
	<i>l</i>	anabasine	Tob Sci 3:89.
	<i>l</i>	nicotine	M-H I 231.
	<i>l</i>	nornicotine	M-H I 231.

3387. <i>Nicotiana trigonophylla</i> Dun.	r.	nicotine	APAJ 34:199.
3388. <i>Nicotiana undulata</i> Ruiz & Pav.	w, r.	nornicotine	APAJ 34:199.
	l.	anabasine	Tob Sci 3:89.
	l.	nicotine	M-H I 231.
	l.	nornicotine	M-H I 231.
	l.	nornicotine	M-H I 231.
	l.	unn.	Webb 268.
	l, s, r.	nicotine	M-H I 230.
	l.	nierembergine	N-O.
		unn.	Klein 746.
		unn.	We 1105.
3389. <i>Nicotiana velutina</i> Wheeler.		I-R.	
3390. <i>Nicotiana wigandoides</i> C. Koch & Fint.		Bisset 125.	
3391. <i>Nierembergia hippomanica</i> Miers.		APAJ 46:302.	
3392. <i>Petunia violacea</i> Lindl.		Wall 55.	
3393. <i>Physalis alkekengi</i> L.		Webb 268.	
3394. <i>Physalis angulata</i> L.		APAJ 46:302.	
3395. <i>Physalis lobata</i> Torr.		Webb 268.	
3395A. <i>Physalis maritima</i> M. A. Curtis		Wall 60.	
3396. <i>Physalis minima</i> L.		APAJ 46:302.	
3397. <i>Physalis mollis</i> Nutt.		APAJ 46:302.	
3400. <i>Physalis pendula</i> Rydb.		Webb 241.	
3400A. <i>Physalis pruinosa</i> L.		CA 49:5780.	
3401. <i>Physalis turbinata</i> Medic.		We 1102.	
3402. <i>Physalis wrightii</i> A. Gray		CA 49:5780.	
3403. <i>Physalis</i> spp.		CA 47:5631.	
3404. <i>Physochlaina orientalis</i> G. Don		CA 47:5631.	
3405. <i>Physochlaina physaloides</i> G. Don	r.	CA 50:10339.	
3406. <i>Physochlaina praealta</i> Miers.	l.	APAJ 46:302.	
3407. <i>Salpichroa rhomboidea</i> Miers.	r.	Naturw 45:338.	
3408. <i>Salpichroa tristis</i> Walp.	l, s, fr.	Klein 746.	
3409. <i>Salpiglossis sinuata</i> Ruiz & Pav.	l, s.	Klein 744.	
	l, s, r.	CA 52:12324.	
3410. <i>Scopolia atropoides</i> Bercht. & Presl		Henry 66.	
3411. <i>Scopolia carniolica</i> Jacq.		Henry 66.	
	rh	Schreiber.	
	rh	CA 51:10765.	
3412. <i>Scopolia himalaica</i>		We 1087.	
3413. <i>Scopolia hladnikiana</i> Fleischm.	r.		

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3414. <i>Scopolia japonica</i> Maxim.	<i>l</i>	hyoscyamine	Henry 66.
	<i>l</i>	norhyoscyamine	Henry 66.
		scopolamine	Orekhover 150.
		solanidine	Schreiber.
		atropine	CA 53:5590.
	<i>r</i>	cuscohygrine	CA 51:18483.
	<i>r</i>	himaline	CA 50:17200.
	<i>l, s, r</i>	hyoscine	Henry 66.
	<i>r</i>	hyoscyamine	CA 51:18483.
	<i>l, s, r</i>	norhyoscyamine	Orekhover 146.
	<i>l</i>	unn	CA 51:5370.
		atropine	CA 48:13164.
		cuscohygrine	CA 49:5780.
		hyoscyamine	CA 48:13164.
		scopolamine	CA 48:13164.
	<i>w</i>	atropine	CA 48:11727.
	<i>w</i>	hyoscyamine	CA 48:11727.
	<i>w</i>	scopolamine	CA 48:11727.
	<i>w</i>	unn	CA 50:1847.
		atropine	Henry 66.
		hyoscyamine	Henry 66.
		noratropine	Henry 66.
		norhyoscyamine	Henry 66.
		norhyoscyamine	M-H I 287.
3418. <i>Solanum abutiloides</i> Bitter & Lillo	<i>l</i>	unn	Wall 15.
	<i>l, s, r</i>	solanidine	APAJ 46:302.
3419. <i>Solanum acaule</i> Bitter	<i>fr</i>	solanidine	Schreiber.
3420. <i>Solanum aculeatissimum</i> Jacq.	<i>l, s, r</i>	solanidine	Webb 232.
3421. <i>Solanum amblymerum</i> Dun.	<i>l, s, r</i>	unn	Webb 241.
3422. <i>Solanum andigena</i> Juzepczuk & Bukasov	<i>l, s, fl</i>	solanidine	Schreiber.
3423. <i>Solanum angustifolium</i> Lam.	<i>l, s, fl</i>	solangustidine	We 1091.
3424. <i>Solanum antipoviczii</i> Bukasov		solanidine	Schreiber.

3425. <i>Solanum asperum</i> Vahl.	<i>fr.</i>	solanidine	We 1091.
3426. <i>Solanum auriculatum</i> Ait.	<i>fr.</i>	solasodine	Henry 668.
		solauricidine	Henry 668.
		unn.	Webb 241.
3427. <i>Solanum aviculare</i> Forst. f.	<i>l, b, fr.</i>	solanidine	Schreiber.
		solasodine	Henry 666.
	<i>l</i>	unn.	APAJ 46:302.
3428. <i>Solanum bahamense</i> L.	<i>l, s</i>	solanidine	Schreiber.
3429. <i>Solanum boegeri</i> Bukasov		solanidine	We 1099.
3430. <i>Solanum bonariense</i> L.	<i>fr.</i>	solanidine	We 1091.
3431. <i>Solanum caavurana</i> Vell.	<i>l, fr.</i>	solanidine	Schreiber.
3432. <i>Solanum caniarensis</i> Juzepczuk & Bukasov		solanidine	Webb 268.
3433. <i>Solanum capsicastrum</i> Link	<i>l, s</i>	unn.	We 1092.
3434. <i>Solanum carolinense</i> L.	<i>l, b, r, fr.</i>	solanidine	Wall 55.
	<i>l, s, fr, r</i>	unn.	Schreiber.
3435. <i>Solanum catarthrum</i> Juzepczuk		solanidine	We 1091.
3436. <i>Solanum cernuum</i> Vell.	<i>l, r</i>	solanidine	Schreiber.
3436A. <i>Solanum chacoense</i> Bitter		solanidine	Schreiber.
3437. <i>Solanum chaucha</i> Juzepczuk & Bukasov		solanidine	Webb 232.
3438. <i>Solanum chenopodium</i> F. Muell.		solanidine	APAJ 46:302.
3439. <i>Solanum ciliatum</i> Lam.	<i>r</i>	unn.	Webb 268.
3440. <i>Solanum coactiliferum</i> J. M. Black	<i>w</i>	solanidine	Schreiber.
3441. <i>Solanum commersonii</i> Dun.		natrine	CA 48:1212.
3442. <i>Solanum crispum</i> Bert.	<i>s</i>	solanidine	Schreiber.
		demissidine	Schreiber.
3443. <i>Solanum demissum</i> Lindl.		demissidine	Schreiber.
3444. <i>Solanum deperrum</i> Juzepczuk		solanidine	Schreiber.
3445. <i>Solanum dolichostigma</i> Bukasov	<i>l</i>	solanidine	Schreiber.
3446. <i>Solanum douglasii</i> Dun.	<i>fr.</i>	solanidine	LCSJ 1958:1422.
3447. <i>Solanum dulcamara</i> L.	<i>sd</i>	solanidine	CA 2:469.
	<i>l, fr.</i>	solanidine	CA 52:4101.
		atropine	Webb 232.
		solanidine	Wall 55.
3448. <i>Solanum elaeagnifolium</i> Cav.	<i>l, s</i>	unn.	APAJ 46:302.
3449. <i>Solanum ellipticum</i> R. Br.	<i>l, fr.</i>	unn.	Webb 268.
3450. <i>Solanum esuriale</i> Lindl.	<i>l, s, r</i>	unn.	Webb 268.
3451. <i>Solanum garciae</i> Juzepczuk & Bukasov	<i>l, s, r</i>	solanidine	Schreiber.
3452. <i>Solanum gayanum</i> Phil. f.		solanidine	Schreiber.
3453. <i>Solanum gibberulosum</i> Juzepczuk & Bukasov	<i>l</i>	solanidine	CA 45:2064.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3454. <i>Solanum gracile</i> Otto	<i>fr.</i>	solamargine	LCSJ 1958:1422.
3455. <i>Solanum grandiflorum</i> Ruiz & Pav.	<i>l, s, fr, r</i>	unn.	APAJ 46:302.
3456. <i>Solanum hibiscifolium</i> Rusby	<i>fr.</i>	grandiflorine	We 1092.
3458. <i>Solanum horovitzii</i> Bukasov	<i>l, s, fr</i>	solanidine	We 1092.
3459. <i>Solanum insanum</i> J. B. Fisch.		unn.	APAJ 46:302.
3460. <i>Solanum jamesii</i> Torr.		demissidine	Schreiber.
3461. <i>Solanum jasminoides</i> Paxt.		solanidine	Schreiber.
3462. <i>Solanum jucuri</i> Mart.		solanidine	Schreiber.
3463. <i>Solanum laciniatum</i> Ait.	<i>l, fl.</i>	demissidine	We 1092.
3464. <i>Solanum lapaticum</i> Bukasov	<i>fr.</i>	solanidine	Webb 232.
3465. <i>Solanum leptostigma</i> Juzepczuk	<i>l, b, wd, pith</i>	solasodine	Webb 241, 268.
3466. <i>Solanum lycoctarpum</i> A. St. Hil.		unn.	Schreiber.
3467. <i>Solanum maculæ</i> Bukasov		solanidine	CA 46:3221.
3468. <i>Solanum macranthum</i> Dun.		solanidine	Schreiber.
3469. <i>Solanum maglia</i> Schlecht.	<i>fr.</i>	solasodine	CA 53:6282.
3470. <i>Solanum mammosum</i> L.	<i>fr.</i>	unn.	APAJ 46:302.
3471. <i>Solanum marginatum</i> L. f.	<i>fr.</i>	solanidine	Schreiber.
3471A. <i>Solanum megacarpum</i> Koidz.	<i>l, s</i>	solasodine	We 1092.
3472. <i>Solanum melanocarpum</i> Dun.	<i>fr.</i>	megacarpidine	CA 47:6960.
3473. <i>Solanum melongena</i> L.	<i>fr.</i>	solanidine	CA 53:10271.
		solanidine	Klein 745.
		trigonelline	CA 46:7659.
		unn.	Henry 671.
3474. <i>Solanum miniatum</i> Bernh.	<i>l, s</i>	solanidine	APAJ 46:302.
3475. <i>Solanum molinum</i> Fernald	<i>fr.</i>	solamargine	LCSJ 1958:1422.
3476. <i>Solanum muricatum</i> Ait.	<i>l</i>	solanidine	CA 45:2064.
3477. <i>Solanum nemophilum</i> F. Muell.	<i>l, s</i>	solanidine	Schreiber.
		unn.	Webb 268.

3478. <i>Solanum nigrum</i> L.	<i>fr.</i>	solamargine	LCSJ 1958:1422.
		solanidine	Henry 661.
		solasodine	CA 53:9569.
	<i>l, r.</i>	unn.	Webb 241.
	<i>l, s, fl, r.</i>	unn.	Wall 55.
3479. <i>Solanum nodiflorum</i> Jacq.	<i>fr.</i>	solasodine	LCSJ 1958:1422.
3480. <i>Solanum pallidum</i> Rusby	<i>l, s.</i>	unn.	APAJ 46:302.
3481. <i>Solanum panduraeforme</i> Drège		solasodine	Schreiber.
		unn.	CA 45:6213.
3482. <i>Solanum paniculatum</i> L.	<i>fr.</i>	solanidine	We 1092.
3483. <i>Solanum parodii</i> Juzepczuk & Bukasov	<i>l, r.</i>	solanidine	Schreiber.
3484. <i>Solanum peckoltii</i> Damm. & Loes.	<i>l, fr.</i>	solanidine	We 1091.
3485. <i>Solanum persicum</i> Willd.	<i>w</i>	unn.	I-R.
3486. <i>Solanum peruvianum</i> L.	<i>l, s.</i>	tomatidine	CA 45:2492.
3487. <i>Solanum phureja</i> Juzepczuk & Bukasov		solanidine	Schreiber.
3488. <i>Solanum pimpinellifolium</i> Hill		tomatidine	CA 45:2492.
3489. <i>Solanum pseudocapsicum</i> L.	<i>l, s.</i>	solanidine	Webb 232.
		solanocapsidine	Henry 670.
		solanocapsine	Webb 268.
3490. <i>Solanum pulverulentum</i> Pers.	<i>fr.</i>	unn.	Merck.
3491. <i>Solanum punae</i> Juzepczuk	<i>fr.</i>	solangustine	Schreiber.
3492. <i>Solanum quitoense</i> Lam.	<i>l, r, fr.</i>	demissidine	APAJ 46:302.
3493. <i>Solanum racemosum</i> Jacq.	<i>l, s, fl.</i>	unn.	APAJ 46:302.
3494. <i>Solanum rionegrinum</i> Lechn.		demissidine	CA 45:2064.
3495. <i>Solanum rostratum</i> Dun.	<i>l, s, r.</i>	solanidine	Schreiber.
3496. <i>Solanum rugosum</i> Dun.	<i>l.</i>	unn.	APAJ 46:302.
3497. <i>Solanum rybini</i> Juzepczuk & Bukasov		solanidine	CA 49:4936.
3498. <i>Solanum sanitwongsei</i> Craib	<i>fr.</i>	unn.	CA 45:2064.
3499. <i>Solanum schickii</i> Juzepczuk & Bukasov	<i>l.</i>	solanidine	CA 45:2064.
3500. <i>Solanum schreiteri</i> Bukasov	<i>l.</i>	demissidine	Webb 241, 268.
3501. <i>Solanum seaforthianum</i> Andr.	<i>l, rb.</i>	unn.	ARB 6:513.
3502. <i>Solanum sodomeum</i> L.		solanidine	Schreiber.
		solasodine	Webb 268.
3503. <i>Solanum stelligerum</i> Sm.	<i>l, s, fl.</i>	unn.	Schreiber.
3504. <i>Solanum stenotomum</i> Juzepczuk & Bukasov	<i>l, s.</i>	solanidine	Webb 268.
3505. <i>Solanum sturtianum</i> (?) F. Muell.	<i>l, s.</i>	unn.	Webb 268.
3506. <i>Solanum tetraphecum</i> F. Muell.	<i>l, s.</i>	unn.	Webb 268.
3507. <i>Solanum tomatillo</i> Phil. f.		solanidine	Schreiber.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3508. <i>Solanum torvum</i> Sw.	<i>l, fr, r</i>	solasodine	Schreiber.
3509. <i>Solanum tuberosum</i> L.	<i>t</i>	unn	Webb 241.
	<i>l, fl, fr, l</i>	narcotine	CA 26:2799.
		solanidine	We 1093.
		solanidine-t	ARB 6:513.
		trigonelline	Henry 7.
		unn	APAJ 46:302.
3510. <i>Solanum validum</i> Rusby	<i>l, s, fr</i>	solanidine	Schreiber.
3511. <i>Solanum verbascifolium</i> L.	<i>l, b</i>	unn	Webb 241.
3512. <i>Solanum verrucosum</i> Schlecht.	<i>l, s, r</i>	solanidine	Schreiber.
3512A. <i>Solanum villosum</i> Moench	<i>l, s, fl, fr</i>	solanidine	Schreiber.
3513. <i>Solanum xanthocarpum</i> Schrad. & Wendl.		solasodine	Schreiber.
3514. <i>Solanum</i> spp.		unn	APAJ 46:302.
3515. <i>Vestia lycioides</i> Willd.		unn	Webb 241, 268.
3516. <i>Withania (Physalis) flexuosa</i> (L.) Hassk.		unn	We 1110.
3517. <i>Withania somnifera</i> Dun.		unn	Klein 744.
		nicotine	CA 47:2184.
		somniferine	CA 47:2184.
		somniferinine	CA 47:2184.
		somnine	CA 50:3713.
		withananine	CA 47:2184.
		withananinine	CA 47:2184.
		withanine	CA 47:2184.
		ψ-withanine	CA 50:3713.
SPARGANIACEAE			
3518. <i>Sparganium</i> spp.		unn	CA 48:11727.
STEMONACEAE			
3519. <i>Stemona japonica</i> Franch. & Sav.	<i>r</i>	protostemonine	CA 45:9546.
	<i>r</i>	stemonidine	Orekhov 728.
	<i>r</i>	stemonine	CA 45:9546.

3520. <i>Stemona ovata</i> Nakai		isostemonidine	Henry 765.
3521. <i>Stemona sessilifolia</i> Franch. & Sav.	r	stemonidine	Henry 765.
	r	stemonine	Henry 765.
	r	hodorine	Henry 766.
	r	protostemonine	CA 45:9546.
	r	stemonine	CA 45:9546.
	unn	unn	Henry 766.
	r	hypotuberostemonine	CA 51:1540.
	r	isotuberostemonine	CA 51:1540.
	r	oxotuberostemonine	CA 49:15932.
	r	stemonine	Henry 766.
	r	tuberostemonine	Henry 766.
3522. <i>Stemona tuberosa</i> Lour.	r	paipunine	CA 34:7539.
	r	sinoestemonine	CA 34:7539.
3523. <i>Stemona</i> sp.			
STERCULIACEAE			
3524. <i>Abroma augusta</i> L.	r	abromine	CA 52:14089.
	rb	unn	BA 24:13377.
	l, s	unn	Wall 55.
	sd	unn	Webb 241.
3525. <i>Brachychiton paradoxum</i> Schott (<i>Sterculia ramiflora</i> Benth.).		caffiene	We 768.
2526. <i>Cola acuminata</i> Schott & Endl.	l, fl, fr	theobromine	We 768.
3527. <i>Cola ballayi</i> Cornu	sd	caffiene	We 1282.
3528. <i>Cola johnsoni</i> Stapf	sd	caffiene	We 1282.
3529. <i>Cola nitida</i> Schott & Endl. (<i>C. acuminata</i>)	sd	caffiene	CA 6:2282.
3530. <i>Cola verticillata</i> Stapf	l, b	theobromine	CA 24:3534.
3531. <i>Commersonia bartramia</i> Merrill (<i>C. echinata</i> Forst.)	sd	caffiene	CA 6:2282.
3532. <i>Guazuma ulmifolia</i> Lam.	b	unn	Webb 268.
3533. <i>Helicteres ovata</i> Lam.	l	caffiene	Freise.
3534. <i>Heritiera littoralis</i> Ait.	sd, l	caffiene	Freise.
3535. <i>Keraudrenia corollata</i> Druce (<i>K. hookeriana</i> Walp.)	fr	unn	Webb 268.
3536. <i>Kleinhowia hospita</i> L.	l, s, fl, r	unn	Webb 268.
3537. <i>Pterospermum heyneanum</i> Wall.	l	unn	Bisset 125.
3538. <i>Sterculia bequaertii</i> DeWild.	s	unn	D-K.
3539. <i>Sterculia chicha</i> A. St. Hil.	l	caffiene	We Sup 196.
3540. <i>Sterculia elata</i> Ducke.	l	caffiene	Freise.
3541. <i>Sterculia foetida</i> L.	sd	unn	Webb 241.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
STERCULIACEAE—Continued			
3542. <i>Sterculia javanica</i> R. Br.	sd	unn.	We 767.
3543. <i>Sterculia laurifolia</i> F. Muell.	b	unn.	Webb 268.
3544. <i>Sterculia murex</i> Hemsl.	sd	unn.	CA 25:3860.
3545. <i>Sterculia planifolia</i> L. f.	sd	caffeine	Webb 232.
3546. <i>Sterculia pruriens</i> K. Schum.	sd, l	caffeine	Freise.
3547. <i>Sterculia ramiflora</i> Benth.	sd	unn.	Webb 241.
3548. <i>Sterculia speciosa</i> K. Schum.	sd, l	caffeine	Freise.
3549. <i>Tarrietia argyrodendron</i> Benth.	l, fl	unn.	Webb 241.
3550. <i>Theobroma bicolor</i> Humb. & Bonpl.	sd, l	caffeine	Freise.
3551. <i>Theobroma cacao</i> L.	sd, l	theobromine	Freise.
3552. <i>Theobroma grandiflora</i> K. Schum.	l, sd, r	caffeine	We 770.
3553. <i>Theobroma microcarpa</i> Mart.	sd, l	theobromine	We 770.
3554. <i>Theobroma obovata</i> Klotzsch.	sd, l	caffeine	Freise.
3555. <i>Theobroma speciosa</i> Willd.	sd, l	theobromine	Freise.
3556. <i>Theobroma spruceana</i> Bernoulli	sd, l	caffeine	Freise.
3557. <i>Theobroma subincana</i> Mart.	sd, l	theobromine	Freise.
SYMPLOCACEAE			
3558. <i>Symplocos racemosa</i> Roxb.		loturidine loturine	Webb 232. Webb 232.
TACCACEAE			
3559. <i>Tacca cristata</i> Jack	r	unn.	D-K.
3560. <i>Tacca leontopetalodes</i> (L.) Kuntze	l, sd, bu	unn.	Bisset 125.

TAMARICACEAE

3561. *Reaumuria hypericoides* Willd.
 3562. *Tamarix ramosissima* Ledeb.

TAKACEAE

3563. *Cephalotaxus drupacea* Sieb. & Zucc.
 3564. *Cephalotaxus pedunculata* Sieb. & Zucc
 3564A. *Cephalotaxus wilsoniana* Hayata
 3565. *Cephalotaxus* sp.
 3565A. *Podocarpus macrophylla* D. Don
 3566. *Taxus baccata* L.

3567. *Taxus canadensis* Willd.
 3568. *Taxus cuspidata* Sieb. &
 3569. *Taxus fastigiata* Lindl. &
 3570. *Taxus floridana* Nutt.
 3570A. *Taxus speciosa* Florin.

TERNSTROEMIACEAE

3571. *Eurya acuminata* DC.
3572. *Ploiarum alternifolium* Melchior

THEACEAE

3573. *Camellia assamica* (J. W. Mast.) Kitamura
 3574. *Camellia theifera* Griff.
 3575. *Thea sinensis* L.

	unn	CA 48:11727.
	unn	CA 48:11727.
<i>l</i>	unn	
<i>l, s</i>	unn	
<i>l</i>	unn	
<i>l, fl</i>	unn	
<i>fr</i>	unn	
<i>l</i>	unn	
<i>l</i>	ephedrine	CA 50:13372.
	ψ -ephedrine	BA 12:5411.
<i>l, s, fr</i>	taxine	CA 53:7514.
<i>l</i>	taxine A	Wall 26.
<i>l</i>	taxine B	Wall 15.
<i>l</i>	taxine-I	CA 53:7514.
<i>l</i>	taxinine	Henry 635.
<i>sd</i>	unn	Orekhov 672.
<i>l</i>	unn	Henry 769.
<i>l, sd</i>	taxine	LCSP 1958:9.
<i>l</i>	unn	Archiv Pharm 291
	unn	443.
<i>s</i>	unn	LCSP 1958:9.
<i>l</i>	unn	CA 48:12371.
<i>l, fl, sd</i>	unn	CA 48:12371.
<i>l, fl, fr, sd</i>	unn	CA 50:13372.
<i>l, fl, fr</i>	unn	CA 4:2864.
<i>l</i>	unn	CA 50:13372.
	unn	CA 53:7514.
<i>s</i>	unn	D-K.
<i>l</i>	unn	Arthur.
<i>l, fl, sd</i>	caffeine	We 782.
<i>l, fl, fr, sd</i>	caffeine	We 778.
<i>l, fl, fr</i>	caffeine	We 778.
<i>l</i>	theobromine	CA 49:4237.
	theophylline	CA 49:4237.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
THYMELAEAE			
3576. <i>Daphne transcaucasica</i>		unn.	CA 48:11727.
3577. <i>Phaleria ambigua</i> Boerl.	b, l	unn.	We 814.
3578. <i>Phaleria urens</i> Koord.	b, l	unn.	We 814.
3579. <i>Pimelea colorans</i> Lindl. (<i>P. collina</i> R. Br.)	l, s	unn.	Webb 268.
3580. <i>Pimelea decora</i> Domin.	l, s	unn.	Webb 268.
3581. <i>Pimelea haematospathya</i> F. Muell.	l, fl.	unn.	Webb 241.
3582. <i>Pimelea linifolia</i> Sm.	w, r	unn.	Webb 241.
3583. <i>Wikstroemia indica</i> C. A. Mey.	l, fr, r	unn.	Webb 241.
3584. <i>Wikstroemia ridleyi</i> Gamble	s	unn.	D-K.
TILIACEAE			
3585. <i>Cochrorus</i> sp.	l, s, r, fr	unn.	Webb 268.
3586. <i>Grewia polygama</i> Roxb.	l	unn.	Webb 241.
TURNERACEAE			
3587. <i>Piriqueta ulmifolia</i>	sd	caffeine	Freise.
3588. <i>Turnera ulmifolia</i> L.	sd	caffeine	Freise.
TYPHACEAE			
3589. <i>Typha angustata</i> Bory & Chaub.		unn.	CA 48:11727.
3589A. <i>Typha glauca</i> Godr.	l, s, fr	unn.	Wall 55.
3590. <i>Typha minima</i> Hoffm.		unn.	CA 48:11727.
ULMACEAE			
3591. <i>Celtis paniculata</i> Planch.	l, s	unn.	Webb 268.
3592. <i>Celtis reticulosa</i> Miq.	vd	celtine.	Webb 232.
3593. <i>Trema micrantha</i> Blume	fr	tremidine.	CA 48:1490.
	fr	tremine.	CA 48:1490.

UMBELLIFERAE

3594. *Aethusa cynapium* L.
 3595. *Ammi majus* L.
 3596. *Apium leptophyllum* F. Muell.
 3596A. *Bupleurum aureum* Fisch.
 3596B. *Bupleurum scorzoneraeefolium* Willd. (*B. falcatum* L.).
 3597. *Chaerophyllum bulbosum* L.
 3598. *Chaerophyllum prescottii* DC.
 3599. *Chaerophyllum temulum* L.
 3599A. *Conioselinum chinense* (L.) B.S.P.
 3600. *Conium maculatum* L.
3601. *Daucus carota* L.
 3602. *Foeniculum vulgare* Mill.
 3603. *Heracleum asperum* Bieb.
 3604. *Hippomarathrum crispum* Koch
 3605. *Hydrocotyle asiatica* L.
 3606. *Hydrocotyle pedicellosa* Benth.
 3606A. *Levisticum officinale* W. D. J. Koch
 3607. *Ligusticum alatum* Spreng.
 3608. *Ligusticum wallichii* Franch.
 3609. *Pastinaca sativa* L.
 3610. *Petroselinum sativum* Hoffm.
 3611. *Prangos pubularia* Lindl.
 3611A. *Sanicula marilandica* L.
 3612. *Trachymene glaucifolia* Benth.

URTICACEAE

3613. *Aphananthe philippinensis* Planch.
 3614. *Boehmeria cylindrica* Sw.

	<i>l, fr</i>	coniine unn.	M-H I 211. Webb 241.
	<i>l, s</i>	unn.	Webb 268.
	<i>l</i>	unn.	BA 33:11412.
	<i>l</i>	unn.	BA 33:11412.
3597.	<i>l, fr</i>	chaerophylline	Merck.
3598.	<i>l</i>	chaerophylline	Sokolov 128.
3599.	<i>l</i>	chaerophylline	We 882.
3599A.	<i>l, s, fl</i>	unn.	Wall 55.
3600.	<i>l, s, fl, fr</i>	conhydrine	Henry 13.
	<i>l, s, fl, fr</i>	ψ -conhydrine	Henry 13.
	<i>l, s, fl, fr</i>	coniceine	Henry 13.
	<i>l, s, fl, fr</i>	coniine	Henry 13.
	<i>l, s, fl, fr</i>	N-methylconiine	Henry 13.
	<i>l, s, fl, fr</i>	2-methylpiperidine	CA 51:1381.
	<i>l</i>	piperidine	CA 51:1381.
	<i>l</i>	daucine	Henry 773.
	<i>l</i>	pyrrolidine	M-H I 91.
	<i>l, s, sd</i>	unn.	Webb 241.
	<i>l, fl</i>	unn.	I-R.
	<i>s, fr</i>	unn.	I-R.
	<i>w</i>	hydrocotyline	Henry 775.
	<i>l, s</i>	unn.	Webb 241.
	<i>l, s, fl, fr</i>	unn.	Wall 55.
	<i>w</i>	unn.	CA 48:11727.
	<i>sd</i>	unn.	CA 52:15828.
	<i>l, s, r</i>	unn.	We 894.
	<i>s</i>	prangosine	CA 53:11536.
		unn.	CA 53:3606.
		unn.	Wall 55.
			Webb 268.
3601.	<i>l</i>	unn.	Webb 241.
		unn.	CA 48:11727.

Table 1.—Plants and their contained alkaloids—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
URTICACEAE—Continued			
3615. <i>Laportea photiniphylla</i> Wedd.	<i>l, b</i>	unn.	Webb 268.
3616. <i>Parietaria officinalis</i> L.		coniine	CA 47:1893.
3617. <i>Urtica dioica</i> L.	stinging hairs	5-hydroxytryptamine	CA 52:14057.
3617A. <i>Urtica urens</i> L.	stinging hairs	5-hydroxytryptamine	CA 50:14057. CA 42:2651.
USTILAGINACEAE			
3618. <i>Ustilago maydis</i> (DC.) Cda.	<i>sp</i>	ustilaginine	Henry 783.
	<i>sp</i>	ustilagotoxine	Henry 783.
VALERIANACEAE			
3619. <i>Valeriana officinalis</i> L.	<i>r</i>	chatinine	Henry 778.
	<i>r</i>	valerine	Henry 778.
3620. <i>Valeriana</i> sp.	<i>r</i>	unn.	Henry 778. CA 48:11727.
VERBENACEAE			
3621. <i>Callicarpa longifolia</i> Lam.	<i>l</i>	unn	Webb 241.
3622. <i>Clerodendron floribundum</i> R. Br.	<i>l</i>	unn	Webb 268.
3622A. <i>Clerodendron indicum</i> Kuntze	<i>l, s, fr, r</i>	unn	Wall 60.
3623. <i>Clerodendron macrostiphon</i> Hook. f.	<i>l</i>	unn	We 1024.
3624. <i>Clerodendron serratum</i> Spreng.	<i>l</i>	unn	We 1024.
3625. <i>Clerodendron siphonanthus</i> R. Br.	<i>l</i>	unn	We 1024.
3626. <i>Clerodendron tormentosum</i> R. Br.	<i>l</i>	unn	Webb 241.
3627. <i>Clerodendron</i> sp.	<i>l, s</i>	unn	D-K.
3628. <i>Duranta ellisia</i> Jacq.	<i>fr</i>	unn	Webb 232.
3629. <i>Duranta plumieri</i> Jacq.	<i>fr</i>	unn	BA 13:12223.
3630. <i>Faradaya splendida</i> F. Muell.	<i>r</i>	unn	Webb 241.

3631. <i>Glossocarya hemiderma</i> Benth. & Hook. f. (<i>Clerodendron hemiderma</i> F. Muell.).	<i>l.</i>	unn.	Webb 241.
3632. <i>Gmelina fasciculiflora</i> Benth.	<i>b.</i>	uan.	Webb 241.
3633. <i>Lantana brasiliensis</i> Link	<i>l.</i>	lantanine	Klein 748.
3634. <i>Lantana camara</i> L.	<i>s.</i>	unn.	PPAJ 40:332.
3635. <i>Premna integrifolia</i> L. (<i>P. corymbosa</i> Rottl. & Willd.).	<i>b.</i>	ganiarine	Henry 777.
3636. <i>Premna nauseosa</i> Blanco	<i>b.</i>	premnine	Henry 777.
3637. <i>Spartothamnella juncea</i> Briq. (<i>Spartothamnus junceus</i> A. Cunn.).	<i>l., b.</i>	unn.	Webb 268.
3638. <i>Stachytarpheta indica</i> Vahl	<i>l., s.</i>	unn.	Webb 241.
3639. <i>Stachytarpheta mutabilis</i> (Jacq.) Vahl	<i>l.</i>	unn.	Arthur.
3640. <i>Verbeana bonariensis</i> L.	<i>s., r., fl.</i>	unn.	D-K.
3641. <i>Verbena tenera</i> Spreng.	<i>l., s.</i>	unn.	Webb 241.
3642. <i>Verbena venosa</i> Gill. & Hook.	<i>l., s., fl., r.</i>	unn.	Webb 241.
3643. <i>Vitex acuminata</i> R. Br.	<i>l., s., fl.</i>	unn.	Wall 55.
3644. <i>Vitex agnus-castus</i> L.	<i>l., s.</i>	unn.	Webb 241.
3645. <i>Vitex negundo</i> L.	<i>l., s., fl., r.</i>	unn.	Webb 241.
3646. <i>Vitex pubescens</i> Miq.	<i>l., b.</i>	unn.	Webb 241.
3647. <i>Vitex taruma</i> Mart.	<i>fr.</i>	unn.	Webb 232.
3648. <i>Vitex trifolia</i> L.	<i>l.</i>	nishindine	Henry 778.
	<i>sd.</i>	unn.	Arthur.
	<i>l., fr.</i>	unn.	Hocking 243.
			We 1023.

VIOLACEAE

3649. <i>Anchietea salubris</i> .	<i>rb.</i>	unn.	We 800.
3650. <i>Hybanthus enneaspermus</i> F. Muell.	<i>w.</i>	unn.	Webb 241.
3651. <i>Hybanthus filiformis</i> F. Muell.	<i>w.</i>	unn.	Webb 241.
3651A. <i>Hybanthus indecorus</i> Baill.		emetine(?)	Sokolov 127.
3652. <i>Hymenanthera dentata</i> R. Br.	<i>l.</i>	unn.	Webb 268.
3653. <i>Viola odorata</i> L.	<i>r.</i>	unn.	We 798.
3654. <i>Viola tricolor</i> L.	<i>fl.</i>	unn.	Klein 722.

VITACEAE

3655. <i>Ampelocissus arachnoidea</i> Planch.	<i>sd.</i>	unn.	Bisset 125.
3656. <i>Cayratia acris</i> Domin	<i>l.</i>	unn.	Webb 241.

Table 1.—*Plants and their contained alkaloids—Continued*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
WINTERACEAE			
3657. <i>Drimys insipida</i> Druce (<i>D. dipetala</i> F. Muell.)	<i>l.</i>	unn.	Webb 268.
3658. <i>Drimys membranea</i> F. Muell.	<i>l., s., b.</i>	unn.	Webb 268.
ZYGOPHYLLACEAE			
3659. <i>Balanites orbicularis</i> Sprague	<i>sd.</i>	unn.	CA 24:517.
3659A. <i>Kallstroemia hirsutissima</i> Vail	<i>l., s.</i>	unn.	Wall 60.
3660. <i>Nitraria schoberi</i> L.	<i>l.</i>	unn.	Webb 268.
3661. <i>Peganum harmala</i> L.	<i>l., s.</i>	alkaloids No. 1 and 2	CA 52:18501.
	<i>sd.</i>	harmaline	C-B-G 256.
	<i>sd.</i>	harmalol	C-B-G 256.
	<i>sd.</i>	harmine	C-B-G 256.
	<i>sd.</i>	peganine	C-B-G 256.
	<i>s., fl., sd.</i>	vasicine	CA 33:9306.
3661A. <i>Peganum mexicanum</i> A. Gray	<i>l., s., fl., r.</i>	unn.	Wall 60.
3662. <i>Tribulus astrocarpus</i> F. Muell.	<i>l., s.</i>	unn.	Webb 268.
3663. <i>Tribulus terrestris</i> L.		unn.	C-B-G 256.
		unn.	Webb 241.
3664. <i>Zygophyllum apiculatum</i> F. Muell.	<i>w.</i>	unn.	Wall 55.
3665. <i>Zygophyllum atriplicoides</i> Fisch. & Mey.	<i>l., s., fl.</i>	unn.	Webb 241.
3666. <i>Zygophyllum fabago</i> L.	<i>l.</i>	unn.	CA 48:11727.
		zygofabagine	Sokolov 124.
PLANT NAME NOT KNOWN OR INCOMPLETE			
3667. <i>Calabash curare</i> and <i>Strychnos</i> spp.	bark	C-alkaloids A, B, C, D, E, F, G, H, I, J, L, M, O, P, UB, X, Y, 1, 2. C-calebassinine caracurines I-IX C-curarines I-III C-dihydrotoxiferine I	Nature 176:277. Nature 176:277. Nature 176:277. Nature 176:277. Nature 176:277.

3668. Chin-Kuo-Lan
3669. *Anabasis jaxartica*³
3670. *Antitoxicum funebre*³
3671. *Petrocapnos* spp.³

	fedamazine	Nature 176:277.
	C-fluorocurine	Nature 176:277.
	C-fluorocurininine	Nature 176:277.
	C-guaianine	Nature 176:277.
	C-isodihydrotoxiferine	Nature 176:277.
	lochneram	Nature 176:277.
	C-mavacurine	Nature 176:277.
	melinonines A, B	Nature 176:277.
	nordihydrotoxiferine	Nature 176:277.
	C-toxiferines I, II	Nature 176:277.
	C-xanthocurine	Nature 176:277.
	calystigine	CA 52:15827.
	jaxartinine	CA 53:7506.
	N-methyl-2-(4-hydroxyphenyl)-ethyamine	CA 53:7506.
w	antofine	CA 53:7506.
w	unn. (2)	CA 53:7506.
w	protopine	M-H IV 158.

* Not in Index Kewensis.

Table 2.—*Alkaloids and the plants in which they occur*

Alkaloid	Formula	Plant entry No. in table 1
abrine	C ₁₂ H ₁₄ N ₂ O ₁	1515
abromine	C ₈ H ₁₃ NO ₂	3524
abrotine	C ₂₁ H ₂₆ N ₂ O	865
acalyphine		1193
acanthospermine		854
O-acetylscirifoline	C ₁₈ H ₂₅ NO ₃	2222
acetylcaranine (bellamarine)	C ₁₈ H ₁₉ NO ₁	75, 81
N-acetylmescaline	C ₁₃ H ₁₉ NO ₁	690
achiceine	C ₁₁ H ₁₇ NO ₁	855
achilleine	C ₁₄ H ₂₆ N ₂ O ₆	855, 856
acnistine		3266
aconine	C ₂₃ H ₄₁ NO ₆	2689, 2712
aconitine	C ₁₄ H ₄₇ NO ₁₁	2683, 2685, 2686, 2688, 2689, 2691, 2692, 2694, 2695, 2697, 2698, 2700, 2701, 2705, 2706, 2708, 2709, 2711, 2712, 2713, 2714, 2719, 2721, 2722, 2724, 2727, 2728, 2729, 2730, 2731, 2733, 2735
ψ-aconitine	C ₂₉ H ₅₁ NO ₁₂	2684, 2690, 2693, 2732
acerifoline (L27)	C ₁₈ H ₂₃ NO ₂	2222, 2223, 2234
acronidine	C ₁₈ H ₁₇ NO ₄	3003
acronycidine	C ₁₅ H ₁₅ NO ₅	3003, 3112
acronycine	C ₂₀ H ₁₉ NO ₅	3003, 3112
acsinatine	C ₂₁ H ₂₂ NO ₄	2691
ascine	C ₂₁ H ₂₉ NO ₅	2691
actinodaphnine	C ₁₈ H ₁₇ NO ₄	1450, 1508
acutumine	C ₂₀ H ₂₇ NO ₈	2347
adenocarpine (teidine)	C ₁₉ H ₂₄ N ₂ O	1587, 1588, 1590, 1591, 1593, 1594, 1720
adlumidine	C ₁₉ H ₁₅ NO ₆	2504, 2525, 2540
adlumine	C ₂₁ H ₂₁ NO ₆	2504, 2532, 2535, 2536, 2540
aegeleenine	C ₁₄ H ₁₀ N ₂ O ₂	3014
aegelin	C ₁₈ H ₁₉ N ₁ O	3014
agarythrine		22
agroclavine	C ₁₈ H ₁₈ N ₂	1389
ajacine	C ₂₄ H ₄₈ N ₂ O ₉	2750
ajacinine	C ₂₂ H ₃₇ NO ₄	2750
ajacinoidine	C ₃₂ H ₅₆ N ₂ O ₁₂	2750
ajaconine	C ₂₂ H ₃₃ NO ₃	2750
ajmalicine (alkaloid F, vincaine, vincine, δ-yohimbine).	C ₂₁ H ₂₄ N ₂ O ₃	323, 363, 366, 374, 378, 383, 393, 396, 399, 401, 408, 438
ajmalidine	C ₂₀ H ₂₄ N ₂ O ₂	399
ajmaline	C ₂₀ H ₂₆ N ₂ O ₂	363A, 364, 366, 370, 371, 372, 374, 375, 378, 386, 398, 399, 401, 403, 405, 408, 427
ajmalinine	C ₂₀ H ₂₆ N ₂ O ₃	399, 401, 408
akharkantine		1090
akuammeline	C ₂₀ H ₂₂ N ₂ O ₄	352
akuammicaine	C ₂₀ H ₂₀ N ₂ O ₂	352, 353
ψ-akuammicaine	C ₁₉ H ₂₀ N ₂ O ₂	352
akuammidine	C ₂₁ H ₂₄ N ₂ O ₃	352, 353
akuammigine	C ₂₁ H ₂₄ N ₂ O ₃	352, 353
ψ-akuammigine	C ₂₁ H ₂₄ N ₂ O ₃	352, 353
akuammiline	C ₂₂ H ₂₄ N ₂ O ₄	352
akuammine (vincamajoridine)	C ₂₂ H ₂₈ N ₂ O ₄	352, 353, 438

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
alamarcine.....	C ₂₆ H ₃₅ N ₂ O ₄	1090
alangine.....	C ₁₈ H ₂₅ NO ₂	1090
alanginine.....	.....	1090
slangium A and B.....	C ₂₁ H ₂₅ H ₂ O ₃	1090
albomaculine.....	C ₁₉ H ₂₃ NC ₅	119
alginine.....	C ₂₂ H ₃₉ NO ₃	2083
alkaloid A (ex <i>Aspidosperma polyneuron</i>). . . . .	.....	264
alkaloid A (ex <i>Buxus sempervirens</i>).	C ₂₅ H ₄₂ N ₂ O.....	648
alkaloid A (ex <i>Rauvolfia serpentina</i>) (reserpine, 11-methoxy- δ -yohimbine, raubasine).	C ₂₂ H ₂₈ N ₂ O ₄	401
alkaloid A (ex <i>Strychnos toxifera</i>).	C ₂₆ H ₂₁ N ₂ O.....	2208
alkaloid B (ex <i>Aspidosperma polyneuron</i>). . . . .	.....	264
alkaloid B (ex <i>Buxus sempervirens</i>).	C ₂₄ H ₄₂ N ₂ O.....	648
alkaloid B (ex <i>Gentiana macrophylla</i>).	C ₉ H ₈ NO ₂	1283A
alkaloid B (ex <i>Strychnos toxifera</i>).	C ₂₀ H ₂₁ N ₂ O.....	2208
alkaloid C (ex <i>Buxus sempervirens</i>).	C ₂₄ H ₄₂ N ₂ O.....	648
alkaloid C (ex <i>Gentiana macrophylla</i>). . . . .	.....	1283A
alkaloid C (ex <i>Rauvolfia serpentina</i>) (11-methoxy- δ -yohimbine).	C ₂₂ H ₂₈ N ₂ O ₄	401
alkaloid C (ex <i>Strychnos solimoesana</i>). . . . .	.....	2203
alkaloid C ₁₈ H ₂₇₍₂₉₎ NO ₃	C ₁₈ H ₂₇₍₂₉₎ NO ₃	727
alkaloid D (ex <i>Buxus sempervirens</i>).	C ₂₉ H ₅₀ N ₂ O.....	648
alkaloid D (ex <i>Strychnos solimoesana</i>). . . . .	.....	2203
alkaloid D ₂	C ₃₃ H ₄₅ N ₄ O.....	299
alkaloid E ₁ (ex <i>Geissospermum velutosii</i>).	C ₂₀ H ₂₄ N ₂	299
alkaloid E (ex <i>Strychnos solimoesana</i>). . . . .	.....	2203
alkaloid F (ajmalicine) (ex <i>Rauvolfia serpentina</i>).	C ₂₁ H ₂₁ N ₂ O ₃	401
alkaloid F (ex <i>Strychnos solimoesana</i>). . . . .	.....	2203
alkaloid G.....	.....	2203
alkaloid J.....	.....	2209
alkaloid L (ex <i>Buxus sempervirens</i>).	C ₂₇ H ₄₆ N ₂	648
alkaloid L (ex <i>Lespedeza bicolor</i>).	C ₁₂ H ₁₈ N ₂	1856
alkaloid L (ex <i>Strychnos subcordata</i>). . . . .	.....	2204
alkaloid M.....	C ₂₇ H ₄₆ N ₂ O.....	648
alkaloid Me 87.....	.....	1389
alkaloid N.....	C ₂₂ H ₂₅ NO ₂	648
alkaloid No. 1.....	C ₁₁ H ₁₆ N ₂ O.....	3661
alkaloid No. 2.....	C ₁₁ H ₁₆ N ₂ O ₂	3661
alkaloid P ₁	C ₁₅ H ₂₃ N ₂ O.....	1883
alkaloid S-C.....	C ₁₈ H ₂₅ NO ₄	985

Table 2.—Alkaloids and the plants in which they occur—Con.

Alkaloid	Formula	Plant entry No. in table 1
alkaloid S-D-----	C ₁₆ H ₂₂ NO ₅ -----	985
alkaloid V-----	C ₂₃ H ₄₁ NO ₄ -----	2780
alkaloid X (ex <i>Claviceps purpurea</i>)-----	C ₁₇ H ₂₆ N ₂ O-----	1389
alkaloid X (ex <i>Veratrum album</i>)-----	-----	2125
alkaloid α-----	-----	2162
alkaloid γ-----	-----	2162
alkaloid δ-----	-----	2162
alkaloid ε-----	-----	2162
C-alkaloid A-----	C ₂₀ H ₂₃ N ₂ O ₂ -----	2191, 2212, 3667
C-alkaloid B-----	C ₂₃ H ₂₃ N ₂ O-----	2191, 2212, 3667
C-alkaloid C-----	-----	2191, 2212, 3667
C-alkaloid D-----	C ₂₀ H ₂₁ N ₂ O-----	2212, 3667
C-alkaloid E-----	C ₁₉ H ₂₃ N ₂ O-----	2212, 3667
C-alkaloid F-----	C ₂₀ H ₂₃ N ₂ O ₂ -----	2212, 3667
C-alkaloid G-----	C ₂₀ H ₂₃ N ₂ O-----	2212, 3667
C-alkaloid H-----	-----	2212, 3667
C-alkaloid I-----	C ₁₉ H ₂₃ - ₂₅ N ₂ -----	2191, 2212, 3667
C-alkaloid J-----	C ₁₉ H ₂₁ N ₂ -----	2212, 3667
C-alkaloid L-----	-----	2212, 3667
C-alkaloid M-----	-----	2212, 3667
C-alkaloid O-----	C ₂₀ H ₂₁ N ₂ O-----	2212, 3667
C-alkaloid P-----	C ₂₂ H ₂₃ N ₂ O-----	2212, 3667
C-alkaloid Q-----	C ₂₂ H ₂₇ N ₃ O ₂ -----	2212
C-alkaloid R-----	C ₂₁ H ₂₄ N ₂ O ₂ -----	2212
C-alkaloid S-----	C ₁₉ - ₂₀ H ₂₂ - ₂₄ N ₂ -----	2212
C-alkaloid T-----	-----	2212
C-alkaloid UB-----	C ₁₉ H ₂₄ N ₂ O ₃ -----	2208, 2212, 3667
C-alkaloid X-----	-----	2208, 2212, 3667
C-alkaloid Y-----	-----	2208, 2212, 3667
C-alkaloid I-----	C ₂₀ H ₂₃ N ₂ -----	3667
C-alkaloid 2-----	C ₁₈ H ₂₄ N ₂ O-----	2212, 3667
U-alkaloid B-----	C ₁₈ H ₂₀ N ₂ -----	270
U-alkaloid C (guatambuine)-----	C ₁₈ H ₂₀ N ₂ -----	270
U-alkaloid D-----	C ₁₇ H ₁₄ N ₂ -----	270
α-allocryptopine (β -homochelidone)-----	C ₂₁ H ₂₃ NO ₅ -----	2504, 2506, 2507, 2509, 2510, 2511, 2512, 2513, 2515, 2517, 2519, 2532, 2535, 2538, 2539, 2543, 2544, 2547, 2549, 2551, 2555, 2556, 2564, 2565, 2566, 2569, 2573, 2574, 2586, 2590, 2593, 3161 2513, 2556, 2574, 2593
β -allocryptopine (γ -homochelidone)-----	C ₂₁ H ₂₃ NO ₆ -----	401, 2894
alloyohimbine-----	C ₂₁ H ₂₄ N ₂ O ₁ -----	1990
aloperine-----	C ₁₅ H ₂₄ N ₂ -----	196
alphonsine-----	-----	246
alstonamine-----	-----	238
alstonidine-----	-----	238
alstoniline-----	C ₂₂ H ₁₈ N ₂ O ₁ -----	238
alstonine-----	C ₂₁ H ₂₀ N ₂ O ₁ -----	238, 242, 374, 388, 408, 438
alvanidine-----	C ₂₀ H ₂₅ NO ₂ -----	2081
alvanine-----	C ₂₄ H ₄₂ NO ₅ -----	2081
α-amanitine-----	C ₁₉ H ₃₂ N ₁₀ O ₁₄ S-----	26
β-amanitine-----	-----	26
γ-amanitine-----	-----	26
amaryllidine-----	-----	72
ambaline-----	C ₁₈ H ₄₂ N ₂ O ₁₀ -----	2345
ambalinine-----	C ₁₇ H ₂₁ NO ₃ -----	2345

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
ambelline.....	C ₁₅ H ₂₁ NO ₃	72, 79, 81, 85, 98, 105, 160, 163, 168
amiantidine.....	C ₂₇ H ₄₁ NO ₃	2042
20 α - amino - 3 β - hydroxy - 5 - pregnene.....	C ₂₁ H ₃₄ NO.....	283A
ammiodendrine.....	C ₁₂ H ₂₀ N ₂ O.....	1604
ammothammine.....	C ₁₅ H ₂₄ N ₂ O ₂	1606
amsoniaeoline.....	.....	361
amsonine (β -yohimbine).....	C ₂₁ H ₂₄ N ₂ O ₃	255
anabasine.....	C ₁₆ H ₁₄ N ₂	808, 1064, 3305, 3340, 3341, 3342, 3349, 3353, 3354, 3356, 3357A, 3362, 3363, 3364, 3365, 3366, 3367, 3372, 3374, 3382A, 3383, 3386, 3388
anacyclin.....	C ₁₅ H ₂₄ NO.....	861
anagyrine (monolupine).....	C ₁₅ H ₂₀ N ₂ O.....	1604, 1608, 1629, 1630, 1632, 1695, 1703, 1715, 1814, 1815, 1825, 1828, 1864, 1869, 1879, 1883, 1894, 1979, 1993, 1994, 2007, 2024, 2025, 2033, 2034
anatabine.....	C ₁₀ H ₁₅ N ₃	3354, 3383
andirine.....	C ₁₀ H ₁₅ NO ₃	1609, 1610, 1611, 1612
angeloylzygadenine.....	.....	2125
angoline.....	C ₂₃ H ₂₄ NO ₃	3062
angolinine.....	C ₂₄ H ₂₅ NO ₄	3062
angustifoline.....	C ₁₄ H ₂₂ N ₂ O.....	1865, 1890
anhalamine.....	C ₁₁ H ₁₅ NO ₃	684, 690
anhalidine.....	C ₁₂ H ₁₇ NO ₂	684, 690
anhaline (hordenine).....	C ₁₀ H ₁₅ NO ₂	688, 690, 704
anhalinine.....	C ₁₂ H ₁₇ NO ₂	684, 690
anhalonidine.....	C ₁₂ H ₁₇ NO ₂	679, 684, 690
anhalonidine.....	C ₁₂ H ₁₅ NO ₃	658, 676, 684, 689, 690, 708
anibine.....	C ₁₁ H ₉ NO ₂	1453, 1454
N - (2 - p - anisylethyl) - N - methylcinnamamide.....	C ₁₉ H ₂₁ NO ₄	3163
ankoline.....	C ₁₇ H ₂₄ N ₂ O ₄	1090
annotine (L 11).....	C ₁₄ H ₂₂ NO ₂	2222, 2225
annotinine.....	C ₁₄ H ₂₁ NO ₂	2222, 2223
annotoxine.....	C ₂₁ H ₄₄ N ₂ O ₆	2222
annuloline.....	C ₂₀ H ₁₉ NO ₄	1346
anolobine.....	C ₁₇ H ₁₅ NO ₃	205, 208
anonaine.....	C ₁₇ H ₁₅ NO ₂	201, 203, 204
anoniine.....	C ₁₇ H ₁₄ NO ₃	201
anthocerine.....	.....	3270
anthorine.....	C ₂₂ H ₂₁ NO ₂	2682
ψ -anthorine.....	.....	2682
anthranoyllycoctonine.....	C ₃₂ H ₄₄ N ₂ O ₈	2752, 2757
antofine.....	C ₂₃ H ₂₅ NO ₂	3670
aphyllidine.....	C ₁₅ H ₂₂ N ₂ O.....	808
aphylline.....	C ₁₅ H ₂₄ N ₂ O.....	808
apoatropine.....	C ₁₇ H ₂₁ NO ₂	3271
apocinin.....	.....	1264
aporeidine.....	.....	2580
aporeine.....	C ₁₄ H ₁₈ NO ₂	2580, 2589
aquaticine.....	C ₁₈ H ₂₅ NO ₅	970
arachine.....	C ₅ H ₁₄ N ₂ O.....	1614
arborine (glycosine).....	C ₁₅ H ₁₂ N ₂ O.....	3090
arborinimine.....	C ₁₆ H ₁₅ NO ₄	3090
arecaidine (arecaine).....	C ₇ H ₁₁ NO ₃	2498

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
arecaine (arecaidine)	C ₇ H ₁₁ NO ₂	2498
arecoldine	C ₈ H ₁₃ NO ₂	2498
arecoline	C ₈ H ₁₃ NO ₂	2498, 2499
argemonine (protopine)	C ₂₀ H ₁₉ NO ₅	2506, 2507
aribine (loturine)	C ₂₃ H ₂₀ N ₄	2830, 2989
aricine (heterophyllin)	C ₂₂ H ₂₆ N ₂ O ₄	366, 378, 398, 399, 403, 2850, 2857, 2866, 2868
aristidinic acid	C ₁₈ H ₁₂ NO ₇	479
aristicnic acid	C ₁₈ H ₁₂ NO ₇	479
aristolic acid	C ₁₈ H ₁₁ NO ₇	479
aristolochic acid	C ₁₇ H ₁₁ NO ₇	481, 491
aristolochine	C ₁₇ H ₁₉ NO ₃	479, 480, 481, 484, 486, 488, 489, 491
armepavine	C ₁₉ H ₂₃ NO ₃	2577, 2581
aromoline	C ₂₃ H ₃₃ N ₂ O ₈	2371, 2375
artabotrine	C ₂₁ H ₂₅ NO ₄	207
artabotrinine		205, 207
artarine	C ₂₁ H ₂₃ NO ₄	3068, 3175
asarine		494
Ashio base I	C ₂₄ H ₃₇ — ₃₉ NO ₃	2720
Ashio base II	C ₂₅ H ₃₈ NO ₆	2720
Ashio base III	C ₂₇ H ₃₁ NO ₆	2720
asiminine		205, 208
aspidosamine	C ₂₀ H ₂₈ N ₂ O ₂	263, 266, 267, 268
aspidospermanine		263, 264
aspidospermatine	C ₂₂ H ₂₈ N ₂ O ₂	266, 267
aspidospermicine	C ₁₇ H ₂₄ NO	263, 264, 267
aspidospermine	C ₂₂ H ₃₀ N ₂ O ₂	258, 263, 264, 265, 266, 267, 268, 269, 429, 430
atherospermnidine	C ₁₈ H ₁₃ NO ₄	2369
atherosperminine	C ₂₀ H ₂₃ NO ₂	2369
atidine	C ₂₂ H ₃₃ NO ₂	2699
atisine	C ₂₂ H ₃₁ NO ₂	2682, 2699
atropine	C ₁₇ H ₂₃ NO ₃	3271, 3272, 3273, 3288, 3291, 3294, 3297, 3298, 3302, 3304, 3309, 3328, 3411, 3415, 3416, 3417, 3417A, 3447
auricularine	C ₄₂ H ₅₈ N ₂ O	2909
aurotensine (scoulerine)	C ₁₉ H ₂₁ NO ₄	2515, 2530, 2534, 2538
avadhardine	C ₃₆ H ₅₁ N ₃ O ₁₀	2714
avadharine	C ₂₂ H ₃₁ NO ₃	2714
azaridine		2288
aztequine	C ₃₄ H ₄₄ N ₂ O ₇	2253
baccharine		876
bakankosine	C ₁₄ H ₂₃ NO ₅	2210
baptifolinic	C ₁₅ H ₂₀ N ₂ O ₂	1629, 1630, 1994
base A (ex <i>Bocconia arborea</i>)	C ₂₀ H ₁₇ NO ₄	2509
base A (ex <i>Chondodendron limaciifolium</i>)	C ₃₃ H ₃₈ N ₂ O ₆	2306
base A (ex <i>Skimmia japonica</i>)	C ₉ H ₁₇ NO	3153
base B (ex <i>Bocconia arborea</i>)	C ₂₀ H ₁₅ NO ₄	2509
base B (ex <i>Chondodendron limaciifolium</i>)	C ₃₅ H ₃₆ N ₂ O ₈	2306
base B (ex <i>Corydalis ambigua</i>)	C ₂₀ H ₂₃ NO ₄	2514
base B (ex <i>Delphinium ajacis</i>)	C ₂₄ H ₃₃ NO ₇	2750
base B (ex <i>Skimmia japonica</i>)	C ₈ H ₁₃ NO	3153
base B ₁	C ₂₀ H ₃₁ NO ₅	1090
base B ₁	C ₂₇ H ₄₃ NO ₆	1090
base B ₃	C ₁₇ H ₂₄ NO ₄	1090
base B ₄	C ₁₉ H ₂₇ NO ₇	1090
base B ₅	C ₂₁ H ₃₁ NO ₉	1090

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
base C (ex <i>Bocconia arborea</i>)	C ₂₁ H ₃₁ N ₂ O ₅	2509
base C (ex <i>Delphinium ajacis</i>)	C ₂₄ H ₃₃ NO ₇	2750
base C (ex <i>Skimmia japonica</i>)	C ₁₄ H ₂₂ NO ₃	3153
base D (ex <i>Delphinium ajacis</i>)	C ₄₈ H ₆₆ N ₂ O ₁₁	2750
base D (ex <i>Corydalis ambigua</i>)	C ₁₉ H ₁₆ NO ₄	2514
base D (ex <i>Narcissus hybrids</i>)	C ₁₇ H ₁₆₋₂₁ NO ₃	151
base E		2514
base F	C ₂₀ H ₂₃ NO ₄	2514
base H		2514
base I		2514
base J	C ₂₀ H ₃₅ N ₂ O ₅	2514
base K	C ₂₁ H ₂₃ NO ₄	2514
base L	C ₁₆ H ₂₁ NO ₄	2514
base M (ex <i>Corydalis ambigua</i>)	C ₂₁ H ₂₄ NO ₅	2514
base N	C ₁₃ H ₁₉ NO ₅	168
base P	C ₁₇ H ₂₆ NO ₆	1914
base P ₁	C ₁₁ H ₁₈ N ₂ O	1624
base P ₆₁	C ₂₁ H ₁₉ NO ₅	2509
base Q		1914
base R	C ₂₂ H ₃₅ NO ₄	1914
base S		1914
base X	C ₁₁ H ₂₃ NO ₃	1914, 1979
base Z	C ₁₂ H ₂₁ NO ₂	3305
base V	C ₁₆ H ₂₄₋₂₆ N ₂ O ₂	808
base VIII	C ₂₁ H ₂₂ N ₂ O ₃	2355
base IX	C ₁₇ H ₂₁ NO ₂	148, 149
bebeeringe (buxine, chondoden-drine, curine, pelosine).	C ₃₆ H ₅₈ N ₂ O ₆	648, 1504, 1510, 2305, 2307, 2308, 2312, 2344.
bellupeimine	C ₂₇ H ₄₁ NO ₃	2087
belladidine	C ₁₉ H ₂₅ NO ₃	72
belladonnine	C ₂₁ H ₄₂ N ₂ O ₄	3271
bellamarine (acetylcaranine)	C ₁₈ H ₁₉ NO ₄	72
bellaradine (cuscohygrine)	C ₁₃ H ₂₁ N ₂ O	3271
benzaconine	C ₂₉ H ₄₅ NO ₁₀	2712
benzoyllecgonine	C ₁₆ H ₁₉ NO ₄	1183, 1191
benzoyltropine	C ₁₅ H ₁₉ NO ₂	1183, 1191
N-benzoyltyramine	C ₁₅ H ₁₈ NO ₂	3033
berbamine	C ₂₇ H ₄₀ N ₂ O ₆	533, 535, 541, 542, 545, 548, 550, 556, 557, 559, 574, 576, 577, 585, 2351, 2357, 2369
berbamunine	C ₂₆ H ₄₀ N ₂ O ₆	533
berberine (umbeillatino)	C ₂₀ H ₁₉ NO ₅	210, 232, 233, 532, 534, 535, 536, 537, 539, 541, 542, 544, 545, 546, 548, 550, 551, 554, 555, 556, 557, 559, 567, 571, 573, 574, 575, 576, 577, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 1504, 2300, 2301, 2302, 2322, 2323, 2363, 2365, 2505, 2507, 2513, 2519, 2532, 2555, 2564, 2574, 2737, 2745, 2746, 2747, 2748, 2749, 2781, 2782, 2800, 2801, 2807, 3053, 3054, 3056, 3134, 3135, 3136, 3136A, 3137, 3138, 3157, 3158, 3159, 3160, 3163, 3165, 3170, 3172

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
berberrubine	C ₁₉ H ₁₅ NO ₄	559
berlambine (oxyberberine)	C ₂₀ H ₁₇ NO ₄	556
betonicine	C ₁₉ H ₁₅ NO ₃	1437, 1442
bicucine	C ₂₀ H ₁₉ NO ₇	2504, 2515, 2536, 2547,
bicuculline	C ₂₀ H ₁₇ NO ₆	2504, 2515, 2517, 2518, 2522, 2529, 2531, 2534, 2535, 2536, 2537, 2546, 2547, 2550
biflorine	C ₁₇ H ₁₇ NO ₄	2940
biflorone	C ₁₇ H ₁₇ NO ₄	2940
bikhaconitine	C ₂₄ H ₂₁ NO ₁₁	2725
boerhaavine		2431
boldine	C ₁₆ H ₂₁ NO ₄	1505, 2370, 2383
boleetine		2672
bractamine	C ₁₁ H ₁₅ NO ₂	2578
bracteine	C ₁₉ H ₂₁ NO ₄	2578
brevicoline	C ₁₇ H ₁₅ N ₃	1138
brucamine		3253
brucine	C ₂₃ H ₂₁ N ₂ O ₄	2161, 2167, 2169, 2177, 2182, 2183, 2184, 2187, 2188, 2193, 2197, 2199, 2200, 2205
brunfelsine		3276
brunsvigine	C ₁₅ H ₁₇ NO ₄	80A
brunsviniine	C ₁₇ H ₁₉ NO ₄	80A
bryonicine	C ₁₀ H ₁₇ NO ₂	1124, 1125, 1126
budrugaine		3162
budrugainine		3162
bufotenine	C ₁₂ H ₁₆ N ₂ O	23, 24, 25, 1942, 1944
bufotenine oxide	C ₁₄ H ₁₈ N ₂ O ₂	1942, 1944
bulbocapnine	C ₁₉ H ₁₉ NO ₄	2516, 2518, 2523, 2538, 2541, 2545, 2547
buphanamine	C ₁₇ H ₁₉ NO ₄	79, 168
buphanidrine	C ₁₈ H ₂₁ NO ₄	79
buphanidine		78
buphanisine	C ₁₇ H ₁₉ NO ₂	79
burasaine	C ₂₁ H ₂₄ N ₂ O ₂	2303
burmannaline	C ₂₁ H ₂₄ NO ₄	2325
burmannine	C ₁₉ H ₂₁ NO ₃	2325
butropine	C ₁₉ H ₂₁ NO ₂	3304
buxine (bebeanine)	C ₃₆ H ₄₈ N ₂ O ₆	648
cactine		702
caffeine	C ₈ H ₁₀ N ₄ O ₂	199, 450, 451, 452, 453, 664, 678, 680, 698, 712, 802, 803, 843, 844, 1144, 1294, 1392, 1393, 2116, 2435, 2608, 2877, 2878, 2879, 2880, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2906, 2941, 3208, 3209, 3210, 3211, 3212, 3526, 3527, 3528, 3529, 3530, 3532, 3533, 3539, 3540, 3545, 3546, 3548, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3573, 3574, 3575, 3587, 3588
calebassine	C ₂₀ H ₂₁ N ₂ O	2172, 2201, 2203, 2208
C-calebassine (C-toxiferine II)	C ₂₀ H ₂₀ N ₄ O ₂	2191, 2209, 2212, 3667
calebassininine	C ₁₉ H ₂₁ N ₃ O ₂	2203, 2208

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
C-calebassine.....	$C_{18}H_{22}N_2O_2$	2212, 3667
calycanthidine.....	$C_{13}H_{15}N_2$	713, 714
calycanthine.....	$C_{22}H_{28}N_4$	713, 714, 715, 716
calycotamine.....	$C_{11}H_{15}NO_3$	1641
calycotomine.....	$C_{12}H_{17}NO_3$	1641, 1706, 1710.
calystigine (gindarinine, palmatine).	$C_{21}H_{33}NO_5$	3668
campestrine.....	$C_{12}H_{19}NO_4$	977
canadine (α -canadine, tetrahydroberberine).	$C_{20}H_{21}NO_4$	2518, 2519, 2532, 2539, 2541, 2782, 3161, 3178
candicine.....	$C_{32}H_{38}N_2O_8$	704, 706, 707, 2245 366
canescine (deserpidine, recanescine, 11-desmethoxyreserpine).	$C_{32}H_{38}N_2O_8$	3129
canthine-6-one.....	$C_{21}H_{25}NO_4$	2515, 2527, 2528, 2533
capauridine (capaurine).....	$C_{20}H_{23}NO_6$	2528, 2533
capaurimine.....	$C_{21}H_{25}NO_6$	2515, 2527, 2528, 2533
capaurine (capauridine).....	$C_{19}H_{15}NO_6$	2522, 2535, 2536
capnoidine.....	$C_{13}H_{21}NO_3$	3278
capsaicine.....	$C_{18}H_{22}NO_2$	2208, 3667
caracurine I.....	$C_{21}H_{24}N_2O_2$	2208, 3667
caracurine II.....	$C_{20}H_{23}N_2O$	2204, 2208, 3667
caracurine III.....	$C_{21}H_{24}N_2O_2$	2208, 3667
caracurine IV.....	$C_{20}H_{22}N_2O_2$	2208, 3667
caracurine V.....	$C_{20}H_{22}N_2O_2$	2208, 3667
caracurine VI.....	$C_{20}H_{22}N_2O_2$	2208, 3667
caracurine VII.....	$C_{20}H_{22}N_2O_2$	2208, 3667
caracurine VIII.....	$C_{20}H_{22}N_2O_2$	2208, 3667
caracurine IX.....	$C_{16}H_{17}NO_2$	72, 74A, 75, 81, 94, 162, 165, 166
caranine.....	$C_{12}H_{19}NO_2$	722
cardinalis-alkaloid 2.....	$C_{12}H_{19}NO_2$	660, 665
carnegine.....	$C_{14}H_{15}NO_2$	280, 776, 777, 778
carpaine.....	$C_{14}H_{15}NO_2$	778
ψ -carpaine.....	$C_{14}H_{15}NO_2$	979
carthamoidine.....	$C_{15}H_{21}NO_3$	2517
casealutine.....	$C_{16}H_{23}NO_4$	2517
caseanine (gindarine, tetrahydropalmatine).	$C_{21}H_{27}N_2O_6$	3033
casimiroedine.....	$C_{12}H_{11}NO_4$	3033
casimiroin.....	$C_{22}H_{22}N_2O_7$	3033
casimiroitine.....	$C_{24}H_{41}NO_4$	1801
cassaidine.....	$C_{24}H_{39}NO_4$	1801
cassaine.....	$C_{25}H_{39}NO_4$	1801
cassamine.....	$C_{25}H_{39}NO_5$	438
catharanthine.....	$C_{21}H_{24}N_2O_2$	788
cathidine.....	$C_9H_{13}NO$	788
cathine.....	$C_9H_{13}NO$	788
cathinine.....	$C_{11}H_{16}N_2O$	562
caulophylline.....	$C_{23}H_{36}N_4O_4$	2809
ceanothine.....	$C_{12}H_{15}NO_3$	2391
cecropine.....	$C_{15}H_{23}NO_3$	791
celastrine.....	$C_{21}H_{35}NO_2$	2779, 2780
celliamine.....	$C_{21}H_{35}NO_2$	3592
celtine.....	$C_{25}H_{38}N_2O_4$	2834, 2840, 2841, 2842, 2901, 2912, 2963, 2965, 2979, 2994
cephaeline.....	$C_{27}H_{38}N_2O_5$	2351, 2357
cepharanthine.....	$C_{27}H_{38}N_2O_5$	2224
cernuine.....	$C_{15}H_{26}N_2O$	2114
cevaccine.....	$C_{25}H_{42}NO_2$	

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table I
cevadiline	C ₃₄ H ₄₈ NO ₈	2114
cevadine	C ₃₂ H ₄₆ NO ₉	2114, 2135
cevine	C ₂₇ H ₄₂ NO ₆	2114
chaerophylline		3597, 3598, 3599
chairamidine	C ₂₂ H ₂₈ N ₂ O ₄	2857, 2982
chairamine	C ₂₂ H ₂₈ N ₂ O ₄	2857, 2982
chakranine	C ₂₁ H ₂₄ NO ₂ Cl	495
chaksine	C ₁₁ H ₂₁ N ₃ O ₄	1643
chalechupine A	C ₁₄ H ₂₁ N ₃ O ₁₂	374
chalechupine B	C ₁₅ H ₂₄ N ₆ O ₁₁	374
chandrine	C ₂₅ H ₃₀ N ₂ O ₈	401
channaine	C ₁₈ H ₂₁ NO ₄	51
chanoclavine	C ₁₆ H ₂₀ NO ₂	1389
chatinine		3619
chavicine	C ₁₇ H ₁₉ NO ₉	2643
cheilanthalifoline	C ₁₉ H ₁₉ NO ₄	2519, 2535, 2537
cneiriniane	C ₁₈ H ₃₅ N ₃ O ₁₇	1111
cheiroline	C ₆ H ₅ NO ₂ S ₂	1111, 1112, 1113, 1115
chelerythrine (toddaline)	C ₂₁ H ₁₇ NO ₄	2507, 2509, 2510, 2511, 2512, 2513, 2553, 2555, 2556, 2564, 2565, 2566, 2567, 2574, 2593, 2595, 2596, 3161, 3178
chelidamine	C ₁₉ H ₁₉ NO ₄	2513
chelidonine	C ₂₀ H ₁₉ NO ₆	2513, 2555, 2564, 2595
chelilutine		2513, 2553, 2556, 2574
chelirubine		2513, 2553, 2555, 2556, 2564, 2566, 2574.
chenopodine	C ₆ H ₁₃ NO	818, 824
chinpeimine	C ₂₇ H ₄₃ NO ₂	2087
chlidanthine	C ₁₇ H ₂₁ NO ₃	84, 125
chlorostigmine		502
chloroxylonine	C ₂₂ H ₂₃ NO ₇	3034
chondocurine	C ₃₅ H ₃₅ N ₂ O ₆	2309
chondodendrine (bebeerine)	C ₃₅ H ₃₅ N ₂ O ₆	1373, 2308
chondofoline	C ₃₅ H ₃₅ N ₂ O ₆	2308
chondodine	C ₁₈ H ₂₁ NO ₄	2309
chonemorphine	C ₁₁ H ₂₀ NO ₃	282
chopeine		2397
chrycentrine	C ₁₈ H ₁₉ NO ₆	2546
cimicidine	C ₂₃ H ₂₅ N ₂ O ₅	301
cinchamidine	C ₁₉ H ₂₄ N ₂ O	2857
cinchonamine	C ₁₉ H ₂₄ N ₂ O	2857, 2982
cinchonicine	C ₁₉ H ₂₂ N ₂ O	2857
cinchonidine	C ₁₉ H ₂₂ N ₂ O	2198, 2844, 2845, 2846, 2853, 2854, 2856, 2857, 2858, 2860, 2861, 2864, 2867, 2868, 2869, 2871, 2873, 2874, 2980, 2981
cinchonine	C ₁₉ H ₂₂ N ₂ O	2844, 2845, 2846, 2847, 2848, 2853, 2854, 2855, 2856, 2857, 2858, 2860, 2861, 2862, 2863, 2864, 2867, 2868, 2869, 2871, 2872, 2873, 2874, 2980, 2981, 2982
cinchotine	C ₁₉ H ₂₄ N ₂ O	2857, 2873, 2982
cinnamylcocaine	C ₁₉ H ₂₃ NO ₄	1183, 1186, 1191
cissampeline		2312

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
clavatine	C ₁₅ H ₂₅ NO ₂	2225
clavatoxine	C ₁₇ H ₂₇ NO ₂	2225
clematine		2741
clevianine		87
clivonine	C ₁₇ H ₂₀ NO ₂	86
cocaine	C ₁₇ H ₂₁ NO ₄	1183, 1185, 1191
coccinine	C ₁₇ H ₂₀ NO ₄	119, 120, 121
cocculinidine	C ₁₉ H ₂₂ NO ₂	2316
cocculinine	C ₁₇ H ₂₁ NO ₃	2298, 2316
coeloclamine	C ₁₉ H ₂₃ NO ₃	2316
coelanoline	C ₁₉ H ₂₃ NO ₄	2316
coelaurine	C ₁₇ H ₂₀ NO ₃	2316
coelisofoline	C ₁₉ H ₂₇ NO ₃	2316
cocoberine		3063
codamine	C ₂₀ H ₂₅ NO ₄	2589
codeine	C ₁₈ H ₂₁ NO ₃	2397, 2507, 2556, 2585, 2589
colchamine	C ₂₁ H ₂₆ NO ₅	2069
colchicine	C ₂₁ H ₂₃ NO ₆	2053
colchicerine		2069
colchicine	C ₂₂ H ₂₆ NO ₆	1394, 2043, 2044, 2046, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2087, 2088, 2089, 2090, 2091, 2093, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2108, 2120, 2122, 2126
α- and β-colubrine	C ₂₂ H ₂₄ N ₂ O ₃	2193
columbamine	C ₂₀ H ₂₁ NO ₂	541, 545, 550, 556, 559, 2301, 2303, 2334, 2746
combreptine		845
complanatine	C ₁₅ H ₂₁ NO	2226, 2228
compound B (N-formyldesacetylcolchicine)	C ₂₁ H ₂₃ NO ₆	2053
compound C	C ₂₁ H ₂₃ NO ₆	2053, 2069
compound D	C ₂₁ H ₂₃ NO ₅	2053
compound F	C ₂₁ H ₂₃ NO ₆	2053, 2069
compound G	C ₂₂ H ₂₅ NO ₆	2053
compound I	C ₂₂ H ₂₄ NO ₆	2053
compound J	C ₂₂ H ₂₅ NO ₆	2053
compound S	C ₂₂ H ₂₃ NO ₆	2053, 2069
compound U	C ₁₉ H ₂₁ NO ₅	2053
compound IV		1917, 1918, 1920, 1921, 1922, 1923, 1925
compound V		1918, 1920, 1921, 1922, 1923, 1925
compound VI		1918, 1922, 1923
compound VII		1920
conamine	C ₂₂ H ₃₆ N ₂	303
conarrhimine	C ₂₁ H ₃₄ N ₂	303
conchairamidine	C ₂₂ H ₃₆ N ₂ O ₄	2857, 2982
conchairamine	C ₂₂ H ₃₆ N ₂ O ₄	2857, 2982
concusconine	C ₂₃ H ₃₆ N ₂ O ₄	2857, 2982

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
condelphine.....	C ₂₅ H ₃₉ NO ₈	2728, 2756
condensamine.....	C ₂₄ H ₃₈ N ₂ O ₆	2181
condoline.....	C ₁₈ H ₂₈ NO ₅	978, 1042
conessidine.....	C ₂₁ H ₃₂ N ₂	303
conessimine.....	C ₂₃ H ₃₈ N ₂	302, 303
conessine.....	C ₂₄ H ₄₀ N ₂	302, 303, 304, 305, 306, 307, 446, 449
confusine.....	C ₂₅ H ₃₉ NO ₈	2756
conhydrine.....	C ₈ H ₁₇ NO	3600
γ-conhydrine.....	C ₈ H ₁₇ NO	3600
coniceine.....	C ₈ H ₁₈ N	3600
coniine.....	C ₈ H ₁₇ N	456, 458, 459, 460, 461, 519, 2397, 2681, 3594, 3600, 3616
comimine.....	C ₂₂ H ₃₆ N ₂	303
conkurchine.....	C ₂₁ H ₃₂ N ₂	303
conkurchinine.....	C ₂₅ H ₃₈ N ₂	303
connigeline.....		2794
conolline.....	C ₁₃ H ₂₀ N ₂ O	1604
conquinamine.....	C ₁₉ H ₂₄ N ₂ O ₂	2844, 2857, 2868, 2873, 2981
consolicine.....		609, 611, 614, 637
consolidine.....		637, 2757
convicine.....	C ₁₀ H ₁₅ N ₃ O ₈	2037, 2038
convolvamine.....	C ₁₇ H ₃₃ NO ₄	1075, 1076
convolyicine.....	C ₁₀ H ₁₀ N ₂	1075, 1076
convovidine.....	C ₃₂ H ₄₂ N ₂ O ₈	1075, 1076
convolveine.....	C ₁₅ H ₂₁ NO ₄	1075, 1076
coptine.....		2745, 2747, 2748, 2749
coptisine.....	C ₁₉ H ₁₅ NO ₈	2507, 2513, 2514, 2518, 2553, 2555, 2564, 2574, 2587, 2746, 2748
cordrastine.....	C ₂₂ H ₂₈ NO ₆	2515
coreximine.....	C ₁₉ H ₂₁ NO ₄	2518, 2548, 2746
corylumidine.....	C ₂₀ H ₁₉ NO ₆	2529, 2535, 2537, 2547
corylumine.....	C ₂₁ H ₂₁ NO ₆	2529, 2535, 2537, 2547
coronarine.....	C ₁₄ H ₅₅ N ₄ O ₆	417
corpaverine.....	C ₂₀ H ₂₈ NO ₄	2515
coruscine.....	C ₁₈ H ₂₃ NO ₅	161
corybulbine.....	C ₂₁ H ₂₅ NO ₄	2514, 2518, 2534, 2541, 2545, 2547
corycavamine.....	C ₂₁ H ₂₁ NO ₅	2518, 2541
corycavidine.....	C ₂₂ H ₂₅ NO ₅	2518, 2541
corycavine.....	C ₂₁ H ₂₁ NO ₅	2518, 2541, 2545, 2547
corydaline.....	C ₂₂ H ₂₇ NO ₄	2514, 2515, 2518, 2524, 2528, 2529, 2534, 2538, 2541, 2545, 2547
corydine.....	C ₂₀ H ₂₃ NO ₄	2518, 2526, 2534, 2539, 2541, 2545, 2547, 2548, 2549, 2551, 2564, 2565
corynantheidine.....	C ₂₂ H ₂₈ N ₂ O ₃	2959
corynantheine.....	C ₂₂ H ₂₈ N ₂ O ₃	2894, 2959, 2961
corynanthidine (rauwolscine, α-yohimbine).	C ₂₁ H ₂₆ N ₂ O ₃	2959
corynanthine (rauhimbine).....	C ₂₁ H ₂₆ N ₂ O ₃	366, 2892, 2894, 2959
coryneine.....	C ₁₁ H ₁₂ NO ₃	703
corynoxeine.....	C ₂₂ H ₂₆ N ₂ O ₄	2959
corynoxine.....	C ₂₂ H ₂₆ N ₂ O ₄	2959
corypalline.....	C ₁₁ H ₁₅ NO ₂	2515, 2533

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
corypalmine	C ₂₀ H ₂₁ NO ₄	2514, 2517, 2518, 2519, 2525, 2531, 2532, 2540, 2541, 2551
corytuberine	C ₁₉ H ₂₁ NO ₄	2518, 2529, 2541, 2545, 2547, 2549
costaclavine	C ₁₆ H ₁₄ N ₂	1389
coumingaine		1799
coumingidine	C ₂₃ H ₄₅ NO ₆ (C ₂₇ H ₄₉ NO ₆)	1799
coumingine	C ₂₉ H ₄₇ NO ₆	1799
crebanine	C ₂₀ H ₂₁ NO ₄	2350, 2357
crinamidine	C ₁₇ H ₁₉ NO ₄	100, 160, 161, 163
crinamine	C ₁₇ H ₁₉ NO ₄	75, 92, 94, 98, 102, 106
crinidine	C ₁₆ H ₁₇ NO ₃	79, 83, 92, 94, 100, 102, 160, 166, 168
erinine	C ₁₇ H ₁₉ NO ₄	100, 102, 106
crispine	C ₁₆ H ₂₃ NO ₄	168
criwelline	C ₁₈ H ₂₁ NO ₄	102
crossopterine		2896
cryptaustoline	C ₂₀ H ₂₂ NO ₄	1464
cryptocarpine		1463
cryptocavine (cryptopine)	C ₂₁ H ₂₃ NO ₆	2530, 2532, 2546, 2560
cryptolepine	C ₁₇ H ₁₈ N ₂ O	503, 504
cryptopalmatine		2347
cryptopine (cryptocavine)	C ₂₁ H ₂₃ NO ₆	2529, 2535, 2536, 2537, 2546, 2547, 2550, 2574, 2589
cryptopleurine	C ₂₄ H ₂₁ NO ₄	1474
cryptowoline	C ₁₉ H ₁₉ NO ₄	1464
cuauchichicine	C ₂₂ H ₃₃ NO ₂	1096
cularidine	C ₁₉ H ₂₁ NO ₄	2547
cularimine	C ₁₉ H ₂₁ NO ₄	2548
cularine	C ₂₀ H ₂₃ NO ₄	2520, 2547, 2548, 2549, 2551
cupreine	C ₁₉ H ₂₂ N ₂ O ₂	2198, 2857, 2981
curalthaline	C ₂₃ H ₂₁ NO ₇	2186
curare alkaloids		2168, 2170, 2176, 2202
curarine	C ₁₉ H ₂₆ N ₄ O	2172, 2174, 2177, 2201, 2203, 2204, 2206
C-curarine	C ₂₀ H ₂₁ N ₃	2209
C-curarine I	C ₂₁ H ₂₀ N ₂	2191, 2212, 3667
C-curarine II	C ₂₀ H ₂₂ N ₂	2212, 3667
C-curarine III	C ₂₀ H ₂₀ N ₂	2212, 3667
curine (bebeerine)	C ₃₄ H ₅₈ N ₂ O ₆	2309
cuscamidine		2866
cuscamine		2866, 2868
cuscohygrine (bellaradine)	C ₁₃ H ₂₄ N ₂ O	1071, 1073, 1183, 1191, 3271, 3292, 3294, 3297, 3300, 3309, 3329, 3404, 3405, 3415, 3416
cusecidine	C ₂₂ H ₃₆ N ₂ O ₄	2866, 2868
eusconine	C ₂₃ H ₃₆ N ₂ O ₄	2857, 2866, 2868
cuspareine	C ₁₆ H ₁₂ NO ₂	3085
cusparidine	C ₁₆ H ₁₇ NO ₃	3042, 3085
cusparine	C ₁₉ H ₁₇ NO ₃	1232, 1805, 3042, 3083, 3084, 3085
cyclanoline	C ₂₀ H ₂₁ NO ₄	2326
cycleanine (methylisochondro- dendrine)	C ₃₅ H ₄₃ N ₂ O ₆	2326, 2350, 2351
eygnine	C ₁₉ H ₂₂ N ₂ O ₃	1805, 1806
cynoctonine	C ₄₅ H ₅₅ N ₂ O ₁₃	2722

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
cynoglossine.....		609, 610, 611, 614, 620, 622, 623, 627, 637, 640
cynoglossophine.....	C ₂₀ H ₂₅ NO ₃	611
cytisine.....	C ₁₁ H ₁₅ N ₂ O	1043, 1608, 1623, 1624, 1625, 1626, 1628, 1629, 1630, 1631, 1632, 1657, 1663, 1688, 1691, 1693, 1694, 1697, 1699, 1702, 1703, 1704, 1705, 1708, 1712, 1713, 1715, 1802, 1808, 1811, 1812, 1813, 1815, 1817, 1818, 1821, 1822, 1824, 1825, 1827, 1828, 1830, 1831, 1850, 1851, 1852, 1860, 1947, 1979, 1981, 1990, 1991, 1993, 1995A, 1996, 1999, 2001, 2002, 2003, 2005, 2007, 2015, 2023, 2024, 2025, 2033, 2034
damascenine.....	C ₁₀ H ₁₃ NO ₃	2786, 2787, 2789
daphnandrine.....	C ₃₅ H ₃₈ N ₂ O ₆	2373, 2374
daphnarcine.....	C ₁₁ H ₁₇ NO ₄	151
daphnimacrine.....	C ₂₇ H ₄₁ NO ₄	1215
daphniphylline.....		1214
daphnoline.....	C ₃₄ H ₃₄ N ₂ O ₆	2371, 2373, 2374
daucine.....	C ₁₁ H ₁₅ N ₂	3601
dauricine.....	C ₃₈ H ₄₄ N ₂ O ₆	2338, 2339
deacetylidiaboline.....		2204
deacetylgermitetrine.....		2125
deacetyleneoprotoveratrine.....	C ₃₉ H ₆₁ NO ₁₄	2125, 2135
deacetylprotoveratrine.....		2125
decorcasine.....	C ₇ H ₁₂ N ₂ O	1586, 1589, 1591, 1592
dehydorcevagenine.....		2114
dehydrocorydaline.....	C ₂₂ H ₂₂ NO ₄	541, 2514, 2515, 2518, 2523, 2528, 2541
dehydروthalictrifoline.....	C ₂₁ H ₂₁ NO ₄	2540
delartine.....	C ₂₄ H ₄₃ N ₂ O ₁₁ (?)	2777
delatine.....	C ₁₉ H ₂₅ NO ₄	2760
delbine.....	C ₃₅ H ₅₅ N ₅ O ₁₀	2754
delcosine.....	C ₂₄ H ₃₉ NO ₇	2757
delphamine.....	C ₂₅ H ₄₁ NO ₇	2777
delphatine.....	C ₂₇ H ₄₃ NO ₇	2754
delphelatine (eldeline).....	C ₂₇ H ₄₁ NO ₈	2760
delpheline.....	C ₂₆ H ₄₀ NO ₆	2760
delphinine.....	C ₂₄ H ₄₇ NO ₉	2775
delphinidine.....	C ₂₅ H ₄₂ NO ₄	2775
delphisine.....		2775
delsemidine.....	C ₃₇ H ₅₀ N ₂ O ₁₀	2772
delsemine.....	C ₃₇ H ₅₃ N ₃ O ₁₀	2770, 2772, 2774
delsine.....	C ₂₃ H ₄₁ NO ₇	2770, 2774
delsoline.....	C ₂₅ H ₄₃ NO ₇	2757
delsonine.....	C ₂₄ H ₄₁ NO ₄	2757
deltaline.....	C ₂₁ H ₃₃ NO ₆	2769
demecolcine.....	C ₂₁ H ₂₅ NO ₅	2052, 2053, 2069
demethylcolchicine.....	C ₁₇ H ₁₉ NO ₄	2088, 2089, 2090
demethylhomolycorine.....	C ₂₀ H ₂₂ NO ₅	148
O-demethyl-N-methyldeacetyl-		2073
colchicine.		
de-N-methyltenuipine.....	C ₂₇ H ₃₅ N ₂ O ₇	2375

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
demecidine	C ₂₇ H ₄₅ NO	3443, 3444, 3458, 3460, 3491, 3494, 3500
dendrobine	C ₁₆ H ₂₅ NO ₂	2485, 2487, 2488, 2489
desacetylneoprotoveratrine	C ₃₉ H ₄₁ NO ₁₄	2125
desacetylprotoveratrine	C ₂₇ H ₄₃ NO ₉	2125
deserpidine (canescine)	C ₃₂ H ₃₅ N ₂ O ₈	360A, 366, 374, 377A, 378, 390, 393, 394, 402, 404, 405, 427
11-desmethoxyresaerpine (canes- cine).	C ₃₂ H ₃₃ N ₂ O ₈	366
deamethylcolchicine	C ₂₁ H ₂₃ NO ₈	1394
desoxynupharidine	C ₁₅ H ₂₁ NO	2442
diaboline	C ₂₁ H ₂₄ N ₂ O ₃	2171
dicentrine	C ₂₀ H ₂₁ NO ₄	2350, 2548, 2549, 2551, 2552
dichotamine	C ₂₁ - ₂₂ H ₂₄ - ₂₅ N ₂ O ₄	429
dichroidine	C ₁₈ H ₂₅ N ₃ O ₄	3238
α , β - and γ -dichroine	C ₁₆ H ₂₁ N ₃ O ₃	3238
dicinchonine	C ₃₈ H ₄₄ N ₄ O ₂	2857, 2870, 2873, 2981
diconquinine	C ₁₀ H ₁₆ N ₄ O ₃	2844, 2857
dictotaline	C ₁₄ H ₁₉ N ₂ O ₅	1669, 1670
dictamnine	C ₁₂ H ₉ NO ₃	3014, 3016, 3033, 3043, 3055, 3075, 3077, 3105, 3126, 3130, 3153, 3155, 3157A
8,10-diethyllobelidiol	C ₁₄ H ₁₉ NO ₃	727
dihydroagroclavine	C ₁₆ H ₂₀ N ₂ O	1389
dihydrochelerythrine	C ₂₁ H ₁₉ NO ₄	2507
dihydrocorynantheine	C ₂₂ H ₂₀ N ₂ O ₃	2959
dihydroerysodine	C ₂₀ H ₂₁ NO ₃	2316
dihydrosanguinarine	C ₂₀ H ₁₅ NO ₄	2507
C-dihydrotoxiferine	C ₂₀ H ₂₃ N ₂	3667
C-dihydrotoxiferine I	C ₂₀ H ₂₂ N ₂	3667
dihydroxytropane	C ₈ H ₁₅ NO ₂	1183, 1191
dilupine	C ₁₅ H ₂₆ N ₂ O ₁	1867
3,4-dimethoxy-1-(dimethyl- aminoethyl)phenanthrene.	C ₂₀ H ₂₃ NO ₂	1462, 1477
1,3-dimethoxy-10-methyl-9- acridone.	C ₁₆ H ₂₅ NO ₃	3003
N ^a , N ^b -dimethylhistamine	C ₇ H ₁₃ N ₃	3033
O-dimethylisocondodendrine (cycleanine).	C ₃₅ H ₄₂ N ₂ O ₆	2326
2,6-dimethylpiperidine	C ₇ H ₁₃ N	834, 835
N,N-dimethyltryptamine	C ₁₂ H ₁₆ N ₂	359, 1942, 1944
N,N-dimethyltryptamine oxide	C ₁₃ H ₁₆ N ₂ O	1942, 1944
dioscorine	C ₁₃ H ₁₉ NO ₂	1149, 1150
diphylline (stylopine, tetrahy- drocoptisine).	C ₁₉ H ₁₇ NO ₄	2595
dipterine	C ₁₁ H ₁₄ N ₂	813, 814, 830
discretamine	C ₁₉ H ₂₁ NO ₄	230
discretine		230
discretinine		230
disinomenine	C ₄₀ H ₅₂ N ₂ O ₁₆	2347
distichine	C ₁₈ - ₁₉ H ₂₁ NO ₅	78
ditamine	C ₁₅ H ₁₉ NO ₂	242, 246
3,6-ditigloyloxytropane (tiglo- dine).	C ₁₈ H ₂₇ NO ₄	3292, 3294, 3304, 3305
diversine (ex <i>Cocculus diversi- folius</i>).	C ₂₀ H ₂₇ NO ₅	2313
diversine (ex <i>Sinomenium acu- tum</i>).	C ₂₀ H ₂₇ NO ₅	2347

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
domesticine (epidicentrine, nantenine).	C ₁₅ H ₁₉ NO ₄	587
domestine.	C ₂₀ H ₂₁ NO ₄	587
donaxarine.	C ₁₃ H ₁₂ N ₂ O ₂	1335
donaxine (gramine).	C ₁₁ H ₁₄ N ₂	1335
doryphorine.	C ₁₄ H ₂₁ NO ₄	2376
douglasine.		983
douradine.		2949
drummine.		1219, 2438
dubamine.	C ₁₄ H ₁₉ NO ₂	3097
dubinidine.	C ₁₅ H ₁₇ NO ₄	3097, 3098
dubinine.	C ₁₆ H ₁₇ NO ₅	3097
α - and β -earleine.		1619
echiine.		1264
echimidine.	C ₂₀ H ₃₁ NO ₇	613
echinatine.	C ₁₅ H ₂₅ NO ₅	632
echinops-fluorescine.		915
echinopseine.		915
echinopsine.	C ₁₅ H ₉ NO	908, 909, 910, 911, 912, 913, 914, 915, 916, 917
β -echinopsine.	C ₁₅ H ₉ NO	915
echitamidine.	C ₂₀ H ₂₅ N ₂ O ₃	237, 242
echitamine.	C ₂₂ H ₂₈ N ₂ O ₄	235, 236, 237, 239, 242, 245, 246, 247
echitenine.	C ₂₀ H ₂₇ NO ₄	242, 246
echiumine.	C ₂₀ H ₃₁ NO ₆	613
edulein.	C ₁₇ H ₁₅ NO ₂	3033
eduline.	C ₁₇ H ₁₅ NO ₂	3033
edulinine.	C ₁₅ H ₁₁ NO ₄	3033
edulitine.	C ₁₇ H ₁₁ NO ₃	3033
elatidine.	C ₂₄ H ₄₁ NO ₁	2760
elatine.	C ₃₄ H ₅₀ N ₂ O ₁₀	2760
eldeline (delphelatine).	C ₂₇ H ₄₁ NO ₅	2760
eleagnine.	C ₁₂ H ₁₄ N ₂	1163, 1164, 1166, 1167
ellipticine.	C ₁₅ H ₁₄ N ₂	338
elliptine (isoreserpiline).	C ₂₁ H ₂₃ N ₂ O ₅	338
elliptinine.		338
elymoclavine.	C ₁₈ H ₁₆ N ₂ O	1389
emetamine.	C ₂₀ H ₃₅ N ₂ O ₄	2841, 2842, 2965
emetine.	C ₂₀ H ₄₀ N ₂ O ₄	2833, 2834, 2840, 2841, 2842, 2901, 2912, 2922, 2923, 2964, 2965, 2966, 2979, 2983, 2991, 2994, 3651A
emetoidine.		2965
ephedrine.	C ₁₀ H ₁₅ NO	788, 1298, 1300, 1301, 1303, 1305, 1306, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1317, 1319, 1320, 1321, 1322, 1323, 2271, 2273, 2592, 2712, 3566
ψ -ephedrine.	C ₁₀ H ₁₅ NO	788, 1298, 1299, 1300, 1303, 1306, 1307, 1309, 1310, 1311, 1312, 1313, 1314, 1316, 1317, 1320, 1322, 1323, 2271, 2592, 3566
epiberberine.	C ₂₀ H ₁₇ NO ₄	541
epidicentrine (domestine, nantenine).		587

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
epilupinine	C ₁₆ H ₁₉ NO	1891, 1898
epilupinine N-oxide		1898
epiquinidine	C ₂₀ H ₂₄ N ₂ O ₂	2857
epiquinimine	C ₂₀ H ₂₄ N ₂ O ₂	2857
epistephanine	C ₁₉ H ₂₃ NO ₃	2350, 2355
ψ-epistephanine	C ₁₉ H ₂₁ NO ₃	2355
3-epi-α-yohimbine (iso-rauhimbine).	C ₂₁ H ₂₆ N ₂ O ₃	401
equisetine	C ₁₇ H ₂₀ N ₂ O ₂	1176
equisetonine	C ₁₈ H ₃₁ N ₃ O ₄	1176
eremophiline		984
ergocornine	C ₂₁ H ₂₆ N ₂ O ₅	1389
ergocorninine	C ₂₁ H ₂₆ N ₂ O ₅	1389
ergocrinine	C ₂₅ H ₃₅ N ₂ O ₅	1389
ergocrinistine	C ₂₅ H ₃₅ N ₂ O ₅	1389
ergocrinistinine	C ₂₅ H ₃₅ N ₂ O ₅	1389
ergoheptine	C ₂₂ H ₂₈ N ₂ O ₄	1387
ergohexine	C ₂₁ H ₂₆ N ₂ O ₄	1387
ergokryptine	C ₂₂ H ₄₁ N ₂ O ₅	1387, 1389
ergokryptinine	C ₂₂ H ₄₁ N ₂ O ₅	1389
ergometrine (ergonovine)	C ₁₉ H ₂₃ N ₂ O ₂	1389
ergometrinine	C ₁₉ H ₂₃ N ₂ O ₂	1389
ergonovine (ergometrine)	C ₁₉ H ₂₃ N ₂ O ₂	28
ergosine	C ₂₀ H ₃₁ N ₃ O ₅	1387, 1389
ergosinidine	C ₂₀ H ₃₁ N ₃ O ₅	1389
ergotamine	C ₂₃ H ₃₂ N ₂ O ₅	28, 1389
ergotainidine	C ₂₃ H ₃₂ N ₂ O ₅	1389
ergothioneine	C ₉ H ₁₅ N ₂ O ₂ S	29, 1336, 1389
ergotinine	C ₂₅ H ₃₅ N ₂ O ₅	1389
ψ-ergotinine		1389
ergotoxine	C ₂₅ H ₄₁ N ₃ O ₆	1389
ericodinine		1178
eritrocurarine I		2172, 2177
eritrocurarine II		2177
erysodine	C ₁₈ H ₂₁ NO ₃	1738, 1741, 1742, 1743, 1751, 1752, 1753, 1754, 1757, 1758, 1759, 1760, 1761, 1763, 1766, 1773, 1779, 1781, 1781, 1784, 1785, 1792, 1795
trysoleine	C ₆ H ₁₁ NO ₂ S ₂	1116
erysonine	C ₁₇ H ₂₀ NO ₃	1738, 1751, 1752, 1763
erysopine	C ₁₉ H ₂₁ NO ₃	1738, 1739, 1741, 1742, 1743, 1751, 1752, 1753, 1754, 1758, 1759, 1761, 1763, 1766, 1773, 1779, 1781, 1783, 1784, 1785, 1792
erysothiopine	C ₁₉ H ₂₁ NO ₂ S	1741, 1743, 1759, 1763, 1766, 1784
erysothiovine	C ₂₀ H ₂₁ NO ₂ S	1741, 1743, 1759, 1763, 1766, 1779, 1781, 1784
erysovine	C ₁₈ H ₂₁ NO ₃	1738, 1739, 1741, 1742, 1743, 1751, 1752, 1753, 1754, 1757, 1758, 1759, 1760, 1761, 1763, 1766, 1773, 1779, 1781, 1781, 1783, 1784, 1792, 1795
crythraline	C ₁₈ H ₁₉ NO ₃	1738, 1752, 1753, 1754, 1758, 1760, 1761, 1763, 1765, 1773, 1794, 1795

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
erythramine	C ₁₈ H ₂₁ NO ₃	1752, 1753, 1754, 1758, 1763, 1784, 1792
erythratidine	C ₁₉ H ₂₀ NO ₄	1758
erythratine	C ₁₉ H ₂₁ NO ₄	1752, 1753, 1754, 1758, 1763
erythricine	C ₁₀ H ₉ NO ₂	1279
erythrocaurine III		2204
α - and β -erythroidine	C ₁₀ H ₁₉ NO ₃	1741, 1743, 1751, 1793
erythrophlamine	C ₂₅ H ₃₉ NO ₅	1801
erythrophleine	C ₂₄ H ₃₉ NO ₆	1801
escholerine	C ₄₁ H ₆₁ NO ₁₃	2127
eschscholtzine		2556
esenbeckine		2900
eseramine	C ₁₈ H ₂₅ N ₄ O ₃	1940
eseridine	C ₁₈ H ₂₃ N ₅ O ₃	1940
8-ethylnorlobelol-I	C ₉ H ₁₉ NO	727
etiopine		469
eucurarine	C ₂₀ H ₂₃ N ₂ O ₂	2211
cupatorine		927
europine N-oxide		620
evodiamine	C ₁₉ H ₁₇ N ₃ O	3058
evodine	C ₁₉ H ₁₉ NO ₅	3060
evotatine	C ₁₈ H ₂₁ NO ₅	3050
evolidine	C ₁₅ H ₂₃ N ₃ O ₄	3060
evolitidine	C ₁₃ H ₁₁ NO ₃	3055, 3130
evoxanthidine	C ₁₂ H ₁₁ NO ₄	3060
evoxanthine	C ₁₆ H ₁₃ NO ₄	3050, 3060, 3155A
evoxine	C ₁₆ H ₂₁ NO ₆	3034A, 3060
evoxoidine	C ₁₅ H ₁₅ NO ₄	3060
eximidine	C ₂₀ H ₂₃ NO ₄	2548
eximine	C ₂₀ H ₂₃ NO ₄	2548
F 15	C ₁₉ H ₁₉ NO ₅	2537
F 16	C ₁₈ H ₁₇ NO ₅	2537
F 21	C ₂₀ H ₂₅ NO ₄	2548
F 22	C ₃₇ H ₄₉ N ₂ O ₁₀	2545
F 24	C ₁₉ H ₂₃ NO ₄	2515
F 25	C ₁₉ H ₁₇ NO ₆	2546
F 28	C ₁₇ H ₁₉ NO ₃	2515
F 29	C ₁₉ H ₂₁ NO ₄	2548
F 30	C ₁₉ H ₂₁ NO ₄	2548
F 33	C ₁₉ H ₂₁ NO ₄	2517
F 35	C ₂₀ H ₂₃ NO ₄	2517
F 37	C ₂₁ H ₂₃ NO ₅	2560
F 38	C ₂₀ H ₁₉ NO ₅	2560
F 40		2532
F 41		2527
F 42		2527
F 43	C ₂₃ H ₂₃ NO ₄	2527
F 45	C ₂₀ H ₁₉ NO ₅	2531
F 46	C ₂₁ H ₂₁ NO ₂	2531
F 49	C ₂₀ H ₂₃ NO ₄	2530
F 51	C ₂₀ H ₂₃ NO ₄	2533
F 52		2520
F 53	C ₂₁ H ₂₁ NO ₅	2529
F 54	C ₁₉ H ₂₃ NO ₅	2529
F 55		2529
F 56	C ₂₃ H ₂₇ NO ₆	2528
F 57	C ₁₉ H ₂₁ NO ₃	2515
F 58	C ₂₂ H ₄₁ NO ₅	2569
F 59	C ₂₀ H ₂₃ NO ₄	2540
F 60	C ₂₀ H ₂₁ NO ₃	2540

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
F 62	$C_{19}H_{21}NO_3$	2525
fagaramide	$C_{14}H_{17}NO_3$	3064, 3068, 3166
fagaramine	$C_{14}H_{17}NO_3$	3068, 3085
fagaridine	$C_{19}H_{21}NO_2$	3064, 3068
α -fagarine	$C_{19}H_{23}NO_4$	3063, 3068
γ -fagarine (haplophine)	$C_{15}H_{15}NO_3$	3014, 3033, 3063, 3105, 3130
δ -fagarine		3063
x-fagarine		3063
fagarine II	$C_{21}H_{23}NO_3$	3063
fagarine III	$C_{22}H_{26}NO_4$	3063
falcatine	$C_{17}H_{19}NO_4$	162, 165
fangchinoline	$C_{27}H_{40}N_2O_6$	2321
febrifugine	$C_{16}H_{19}NO_3$	3238, 3240
fedamazine	$C_{20}H_{20}NO$	2208, 3667
fiancine	$C_{17}H_{19}NO_4$	151, 156
flavopereirine	$C_{17}H_{14}N_2$	297, 299
flexinine	$C_{18}H_{17}NO$	163
flindersiamine	$C_{14}H_{11}NO_3$	3072, 3074, 3075, 3077
flindersine	$C_{23}H_{24}N_2O_7$	3070
floribundine	$C_{18}H_{19}NO_2$	2581
floripavidine	$C_{21}H_{25}NO_4$	2581
floripavine	$C_{19}H_{21}NO$	2579, 2581
flueggeine	$C_{10}H_{15}NO$	1230, 2107A
fluorescent alkaloid I		2204
fluorescent alkaloid II		2204
fluorocordatine		2204
C-fluorocurarine	$C_{20}H_{21}N_2O$	2172, 2191, 2203, 2204, 2206, 2209
C-fluorocurarinine		2209
fluorocurine	$C_{20}H_{21}N_2O_2$	2174, 2189, 2201, 2203, 2204, 2206, 2208, 2209
ψ -fluorocurine	$C_{20}H_{23}N_2O_2$	2212
C-fluorocurine	$C_{20}H_{24}N_2O_2$	2190, 2208, 2212, 3667
C-fluorocuratinine	$C_{21}H_{25}N_2O_2$	2191, 2212, 3667
fluorosolimoesine I		2203
fluorosolimoesine II		2203
fluorosolimoesine III		2203
fluorosolimoesine IV		2203
folicanthine	$C_{18}H_{23}N_3$	713, 715
foliosidine	$C_{17}H_{21}NO_5$	3098
formosanine (uncarines A & B)	$C_{22}H_{24}N_2O_4$	2943
N-formyldeacetylcolchicine (compound B).	$C_{21}H_{23}NO_6$	1394, 2088, 2089, 2090
forsteronine		292, 293
fritillarine	$C_{19}H_{23}NO_2$	2086
fritilline	$C_{25}H_{41}NO_3$	2086
fritimine	$C_{38}H_{62}N_2O_3$	2082
fritiminine		2087
fuchsinecionine	$C_{12}H_{21}NO_3$	988, 1042
fumaramine	$C_{21}H_{22}N_2O_4$	2559, 2562
fumaridine	$C_{12}H_{24}N_2O_3$	2562, 2563
fumarinine	$C_{16}H_{15}NO_4$	2562
fumaritine	$C_{20}H_{21}NO_5$	2562
fumvailine	$C_{20}H_{19}NO_6$	2563
funtumidine	$C_{21}H_{27}NO$	295
funtumine	$C_{21}H_{25}NO$	295
galanthamidine	$C_{18}H_{23}NO_5$	117

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
galanthamine (lycoremine)	C ₁₇ H ₂₅ NO ₃	88, 94, 105, 114, 115, 117, 132, 136, 137, 141, 143, 144, 145, 146, 147, 148, 151, 152, 153, 155, 155A, 156, 158, 170, 174, 180, 182, 183A, 187
galanthidine	C ₁₄ H ₂₇ NO ₃	117
galanthine	C ₁₆ H ₂₃ NO ₄	94, 98, 114, 117, 136, 150, 151, 152, 155, 155A, 156, 185, 186
galegine	C ₆ H ₁₃ N ₃	1804
galipidine		3085
galipine	C ₂₉ H ₂₁ NO ₃	3042, 3085
galipoidine	C ₁₉ H ₁₅ NO ₄	3042, 3085
galipoline	C ₁₉ H ₁₉ NO ₃	3085
gambirine	C ₂₂ H ₂₆ N ₂ O ₄	2943, 2944
ganiarine		3635
garryfoline	C ₂₂ H ₃₃ NO ₂	1096
garryine	C ₂₂ H ₃₃ NO ₂	1095, 1097, 1098, 1100
geissoschizoline	C ₁₉ H ₂₆ N ₂ O	299
geissospermine	C ₄₀ H ₅₀ N ₄ O ₃	297, 298, 299
gelsedine	C ₁₉ H ₂₄ N ₂ O ₃	2153
gelsemine	C ₁₉ H ₂₄ N ₂ O ₃	2153
gelsemine	C ₂₀ H ₂₂ N ₂ O ₂	2153
gelseminine	C ₂₀ H ₂₂ N ₂ O ₂	2153
gelsevirine	C ₂₁ H ₂₄ - ₂₉ N ₂ O ₃	2153
geneserine	C ₁₅ H ₂₁ N ₃ O ₃	1940
genisteine (1- α -isoparteine)	C ₁₆ H ₂₈ N ₂	1702, 1713, 1828, 1985
gentianine	C ₁₉ H ₂₀ NO ₂	1156, 1276, 1278, 1279, 1280, 1281, 1282, 1283, 1283A, 1284, 1285, 1286, 1287, 1289, 1290
geralbine	C ₂₂ H ₃₃ NO ₂	2125
germanitrine	C ₃₉ H ₅₉ NO ₁₁	2128
germbudine	C ₃₇ H ₅₉ NO ₁₂	2135
germerine	C ₃₇ H ₅₉ NO ₁₁	2125, 2132, 2135
germidine	C ₃₁ H ₅₃ NO ₁₀	2135, 2143
germine	C ₂₇ H ₄₃ NO ₈	2125, 2135, 2143
germinitrine	C ₃₉ H ₅₇ NO ₃	2128
germitetidine	C ₄₁ H ₆₃ NO ₁₄	2125
germitrine	C ₃₉ H ₆₁ NO ₁₂	2135
gindarieine	C ₁₈ H ₁₉ NO ₃	2353
gindarine (caseanine)	C ₂₁ H ₂₅ NO ₄	2353
gindarinine (calystigine)	C ₂₁ H ₂₁ NO ₄	2353
girgesonine	C ₁₃ H ₁₅ N ₂ O	830, 831
glaucentrine	C ₂₆ H ₃₃ NO ₄	2539, 2548, 2549, 2551, 2566, 2567, 2568
glaucidine		2584
glaucine	C ₂₁ H ₂₅ NO ₄	2539, 2541, 2548, 2549, 2551, 2564, 2565, 2566, 2567, 2568
gloriosine		2090
glycosine (arborine)	C ₂₂ H ₂₅ NO ₆	3091
glycosimidine	C ₁₆ H ₁₂ N ₂ O	3091
glycosmine		3090
gnoscopine	C ₂₂ H ₂₃ NO ₇	2589
gramine (donaxine)	C ₁₁ H ₁₄ N ₂	1335, 1343
graminifoline	C ₁₈ H ₂₃ NO ₅	991
grandiflorine		3455
grantiumine	C ₁₈ H ₂₃ NO ₇	1671

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
gratambuine		260A.
guachamaccine		325A
guiaicurarine I		2177
guiaicurarine II		2177
guiaicurarine III		2177, 2204
guiaicurarine IV		2204
guiaicurarine VIII		2177
guiaicurarine IX		2177
guiaicurarine X		2204
guiaicurine		2177, 2204
C-guaianine	$C_{21}H_{21}N_2O$	2177, 2212
guatambuine (U-alkaloid C)	$C_{15}H_{20}N_2$	260A
guvacine	$C_6H_9NO_2$	2498
guvacoline	$C_7H_{11}NO_2$	2498
haemanthamine (natalensine)	$C_{17}H_{19}NO_4$	78, 83, 92, 94, 98, 108, 115, 123, 132, 133, 136, 137, 141, 142, 151, 152, 153, 155, 155A, 156, 158, 166, 173, 181, 182, 183A, 184, 185, 186
haemanthidine	$C_{17}H_{19}NO_3$	123, 125, 126, 128, 147, 150, 173, 182
haemanthine	$C_{18}H_{21}NO_5$	80
haemultine	$C_{19}H_{17}NO_3$	74A, 125
halostachine	$C_9H_{13}NO$	832
hamadine		1071
hanadamine	$C_{21}H_{24}N_2O_4$	2946, 2995
Hanamiyama base		2720
haploperine	$C_{17}H_{19}NO_6$	3100
haplopholine (γ -fagarine)	$C_{13}H_{11}NO_3$	3099, 3100
haplophylline	$C_{16}H_{21}NO_4$	3101
haplophytine	$C_{27}H_{21}N_2O_2$	301
harmaline	$C_{13}H_{14}N_2O$	2254, 3128, 3661
harmalol	$C_{12}H_{12}N_2O$	3128, 3661
harmine	$C_{13}H_{12}N_2O$	2254, 2256, 2257, 2258, 2259, 3128, 3661
haslerine		268
hastacine	$C_{18}H_{27}NO_5$	883
hasubanonine	$C_{21}H_{29}NO_5$	2355
hedyotine	$C_{16}H_{22}N_2O_3$	2909
hemultine	$C_{16}H_{17}NO_3$	125
heteurine N-oxide		620
heliosupine		624
heliotridine	$C_{16}H_{27}NO_5$	620
heliotridine N-oxide	$C_{15}H_{27}NO_7$	620
heliotrine	$C_{16}H_{27}NO_5$	620, 622
heliotrine N-oxide	$C_{15}H_{27}NO_4$	620
hercynine	$C_9H_{15}N_3O_2$	19, 24, 2671
herpestine	$C_{24}H_{46}N_2O_4$	3122, 3244
heteratisine	$C_{22}H_{38}NO_5$	2609
heterophyllin (aricine)	$C_{22}H_{28}N_2O_4$	374
hetisine	$C_{20}H_{37}NO_3$	2699
hexalupine (thermopaine)	$C_{15}H_{20}N_2O$	1870
himaline	$C_{17}H_{23}NO_4$	3412, 3415
himandravine	$C_{21}H_{33}NO_3$	1381
himandreline	$C_{32}H_{41}NO_7$	1381
himandridine	$C_{32}H_{41}NO_7$	1380
himandrine	$C_{30}H_{37}NO_6$	1380, 1381
himanthine	$C_{37}H_{40}N_2O_6$	546
himbacine	$C_{22}H_{35}NO_4$	1380, 1381
himbadine	$C_{11}H_{11}NO_2$	1380

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
himbeline.....	C ₂₂ H ₃₃ NO ₂	1381
himbosine.....	C ₂₄ H ₄₅ NO ₁₃ (?)	1380
himgravine.....	C ₂₇ H ₃₃ NO ₂	1380
himgrine.....	C ₂₇ H ₃₃ NO ₃	1381
hippeastrine.....	C ₁₇ H ₁₇ NO ₅	94, 125, 132, 133, 136, 141, 142, 151, 153, 156, 171, 174
hippopheine.....	C ₁₉ H ₂₁ NO ₃	1168
hodorine.....	C ₁₉ H ₂₁ N ₂ O ₃	3521
holafrine.....	C ₂₉ H ₄₈ N ₂ O ₂	302
holarrhenine.....	C ₂₉ H ₄₈ N ₂ O	302, 303, 304, 306
holarrheasimine.....	C ₂₉ H ₄₈ N ₂ O	303
holarrhetine.....	C ₂₉ H ₄₈ N ₂ O ₃	302
holarrhidine.....	C ₂₁ H ₃₆ N ₂ O	303
holarrhimine.....	C ₂₁ H ₃₆ N ₂ O	302, 303
holarrhine.....	C ₂₉ H ₄₈ N ₂ O ₃	303
holatiine.....	C ₂₃ H ₃₈ N ₂ O ₄	2181
holstiline.....	C ₂₃ H ₃₈ N ₂ O ₄	2181
α-homochelidonine.....	C ₂₁ H ₃₃ NO ₅	2513
β-homochelidonine (α -allocryptopine).	C ₂₁ H ₃₃ NO ₅	2510, 3063, 3161, 3178
γ-homochelidonine (β -allocryptopine).	C ₂₁ H ₂₃ NO ₅	3161
homolycochine (narcipoetine).....	C ₁₉ H ₂₃ NO ₄	85, 132, 133, 137, 141, 144, 145, 148, 150, 151, 153, 155, 155A, 156, 158
ψ-homolycochine.....	C ₁₉ H ₂₃ NO ₄	148
homophleine.....	C ₂₀ H ₂₀ N ₂ O ₉	1801
homoquinine.....		2981
homostachydrine.....	C ₉ H ₁₃ NO ₂	1902
homostephanoline.....	C ₂₃ H ₄₄ N ₂ O ₇	2355
homothermopsine.....	C ₂₇ H ₂₁ N ₂ O ₂	1878, 2024
hordenine (anhalanine).....	C ₁₀ H ₁₅ NO	704, 706, 1334, 1336, 1341, 1342, 1343, 1351, 1352, 1354, 1355, 1358, 1360
hortiacine.....	C ₁₉ H ₁₈ N ₂ O ₃	3105
hortiamine.....	C ₂₀ H ₁₇ N ₃ O ₂	3105
hunemannine.....	C ₂₀ H ₂₁ NO ₄	2569
hyatine.....	C ₂₃ H ₃₅ N ₂ O ₅	2312
hyatinine.....	C ₂₆ H ₄₂ N ₂ O ₉	2312
hydrastine.....	C ₂₁ H ₂₁ NO ₆	551, 2782
hydroalkamine S.....	C ₂₁ H ₁₃ NO ₈	2114
hydrocinchonidine.....		2857
hydrocinchonine.....		2982
hydrocotarnine.....	C ₁₂ H ₁₅ NO ₃	2589
hydrocotylidine.....	C ₂₇ H ₄₃ NO ₂	3605
hydrohydrastinine.....	C ₁₁ H ₁₃ NO ₂	2541
hydroipecamine.....	C ₂₅ H ₄₅ N ₂ O ₄	2842
hydroquinidine.....	C ₂₆ H ₄₆ N ₂ O ₃	2857
hydroquininc.....	C ₂₅ H ₄₅ N ₂ O ₂	2857
hydrorhombinine.....	C ₁₈ H ₃₀ N ₂ O ₂	1883
hydroxyberberine.....		533
1-hydroxy-2,3-dimethoxy-10-methyl-9(10H)-acridone.....	C ₁₉ H ₁₅ NO ₄	3060
7-hydroxy-3,6-ditigloyloxytropane.....	C ₁₅ H ₂₇ NO ₅	3292, 3294, 3300, 3302
hydroxylupanine (octalupine).....	C ₁₅ H ₂₄ N ₂ O ₂	1713, 1863, 1865, 1875, 1890, 1892, 1895, 1900, 1985
hydroxymatrine.....	C ₁₄ H ₂₄ N ₂ O ₃	1994
N-hydroxyplatyphylline.....		993

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
8-hydroxyspartalupine.....	C ₁₅ H ₂₁ N ₃ O.....	1895
3-hydroxystachydrine.....	C ₇ H ₁₃ NO ₃	759
5-hydroxytryptamine (serotonin).	C ₁₀ H ₁₂ N ₂ O.....	38, 468, 1914, 2262, 2404, 3617, 3617A
hydroxytyramine.....	C ₈ H ₁₁ NO ₂	1713, 2433
hygrine.....	C ₈ H ₁₃ NO.....	1071, 1183, 1191
β -hygrine.....	C ₁₄ H ₂₁ N ₃ O.....	1183, 1191
hygroline.....	C ₈ H ₁₇ NO.....	1183, 1191
hymenodictine.....	C ₂₂ H ₄₀ N ₂	2915
hyoecine (scopolamine).....	C ₁₇ H ₂₁ NO ₄	2214, 3271, 3287, 3288, 3291, 3292, 3294, 3297, 3298, 3299, 3300, 3301, 3302, 3304, 3305, 3307, 3308, 3309, 3332, 3406, 3411, 3415
hyoscyamine.....	C ₁₇ H ₂₃ NO ₃	24, 25, 946, 3271, 3272, 3287, 3288, 3291, 3292, 3294, 3295, 3297, 3298, 3299, 3300, 3301, 3302, 3304, 3305, 3307, 3308, 3309, 3310, 3328, 3329, 3330, 3331, 3332, 3406, 3411, 3413, 3414, 3415, 3416, 3417, 3417A
ψ -hyoscyamine (norhyoscyamine).	C ₁₆ H ₂₁ NO ₃	3332
hypaconitine.....	C ₁₉ H ₄₅ NO ₁₀	2686, 2691, 2695, 2697, 2698, 2700, 2702, 2708, 2712, 2713, 2719, 2720, 2721, 2728, 2729, 2731, 2735
hypaphorine.....	C ₁₄ H ₁₁ N ₂ O ₂	1738, 1739, 1741, 1743, 1751, 1752, 1753, 1754, 1758, 1759, 1760, 1761, 1763, 1765, 1766, 1768, 1769, 1773, 1781, 1783, 1784, 1785, 1792, 1793, 1794, 1795
hypoepistephanine.....	C ₂₁ H ₃₁ NO ₅	2355
hypognavine.....	C ₂₁ H ₃₁ NO ₅	2720
hypoquebrachine.....	C ₂₁ H ₃₁ NO ₅	266, 267
hypotuberostemonine.....	C ₂₀ H ₂₄ N ₃ O.....	3522
ibogaine.....	C ₂₁ H ₂₄ N ₃	310, 425
ibogamine.....	(C ₁₉ H ₂₄ N ₃).....	310, 413, 425
iboluteine.....	C ₂₀ H ₂₄ N ₃ O ₂	425
iboxygaine.....	C ₂₀ H ₂₄ N ₃ O ₂	310
ignavine.....	C ₂₂ H ₃₁ NO ₄	2701, 2709, 2720, 2729
imperialine (sipeimine).....	C ₂₁ H ₄₁ NO ₁	2079, 2079A
imperoline.....	C ₂₂ H ₄₅ NO ₁	2079
imperonine.....	C ₂₁ H ₄₁ NO ₁	2079
incanine.....	C ₁₈ H ₂₉ NO ₁	642
incanine N-oxide.....	C ₁₈ H ₂₉ NO ₂	642
indaconitine.....	C ₂₄ H ₄₇ NO ₁₀	2687
indicaine.....	C ₁₉ H ₂₁ NO.....	2657, 2658
indicamine.....	C ₁₄ H ₂₁ NO.....	2657
insulamine.....	C ₁₉ H ₁₉ NO ₃	151
insulanoline.....	C ₂₃ H ₂₉ N ₃ O ₆	2326
insularine.....	C ₂₃ H ₂₉ N ₂ O ₄	2310, 2311, 2326, 2355
integerrimine.....	C ₁₈ H ₂₅ NO ₃	997, 1003, 1672
inuline.....	C ₁₆ H ₂₃ NO ₄	940

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
ionidine	C ₁₅ H ₂₅ N ₄ O ₄	2556
ipecac-alkaloid A	C ₁₆ H ₂₆ NO ₇	2965
ipecamine	C ₂₁ H ₂₄ N ₂ O ₄	2842
iremine	C ₁₇ H ₂₃ NO ₃	151
isatinidine	C ₁₅ H ₂₅ NO ₇	976, 998, 1017, 1025, 1031
isoaconitine	C ₂₁ H ₂₇ NO ₁₁	2736
isoajmaline	C ₂₀ H ₂₅ N ₂ O ₂	401, 408
isoammodendrine (sphaerocarpine).	C ₁₂ H ₂₀ N ₂ O	1604
isoaristolochic acid	C ₂₁ H ₂₁ NO ₇	484, 495
isocalycanthine	C ₂₁ H ₂₆ N ₄	713, 714, 715, 716
isochaksine	C ₁₂ H ₂₁ N ₃ O ₂	1643
isochondodendrine	C ₂₃ H ₃₅ N ₂ O ₆	648, 1504, 2300, 2305, 2306, 2307, 2308, 2309, 2312, 2326, 2344
isococlaurine	C ₁₇ H ₂₁ NO ₃	2308
isoconeasimine	C ₂₁ H ₂₅ N ₂	303
isocorybulbine	C ₂₁ H ₂₅ NO ₄	2518, 2534, 2541
isocorydine (luteanine)	C ₂₀ H ₂₃ NO ₄	1462, 1477, 2335, 2369, 2383, 2526, 2534, 2539, 2545, 2547, 2555, 2564, 2566, 2568, 2596, 3161, 3178
isocorypalmine	C ₂₀ H ₂₃ NO ₄	2517, 2518, 2526, 2529, 2531, 2534, 2541
C-isodihydrotoxiferine	C ₂₀ H ₂₂ N ₂	2212, 3667
isodomesticine	C ₁₉ H ₁₉ NO ₄	587
isofebrifugine	C ₁₈ H ₁₉ N ₃ O ₃	3238
isogermidine (neogermidine)	C ₂₄ H ₅₃ NO ₁₀	2135, 2141
isoguvacine	C ₉ H ₉ NO ₂	2498
isohypognavine	C ₁₀ H ₁₀ N ₂ O	2701, 2736
isoleontine	C ₁₅ H ₂₄ N ₂ O	569
isolobinanidine	C ₁₅ H ₂₇ NO ₃	727
isolobininine	C ₁₅ H ₂₅ NO ₂	727
isolupanine	C ₁₅ H ₂₄ N ₂ O	1865, 1895
α-isolupanine	C ₁₅ H ₂₄ N ₂ O	1869
isolupinine	C ₁₀ H ₁₉ NO	1891
isolykopodine	C ₁₆ H ₂₅ NO	2222
isoorensine	C ₁₅ H ₂₄ N ₂ O	1588, 1591, 1720
isopelletierine	C ₈ H ₁₄ NO	1103, 2681, 3305
isopenneclavine	C ₁₅ H ₁₈ N ₂ O ₂	1389
isophystostigmine	C ₁₅ H ₂₁ N ₃ O ₂	1940
isopilocarpine	C ₁₁ H ₁₈ N ₂ O ₃	3142, 3144, 3145
isopiptanthine	C ₁₄ H ₂₄ N ₂	1946
isoporoidine	C ₁₅ H ₂₁ NO ₂	3305
isopropylvinylputrescine	C ₉ H ₂₀ N ₂	1737
isopyrine		2785
γ-isopyrine		2785
isopyroine	C ₂₃ H ₄₈ NO ₆	2783, 2785
isorauhimbine (3-epi-α-yohimbine).	C ₂₁ H ₂₆ N ₂ O ₃	401
israunescine	C ₂₁ H ₂₆ N ₂ O ₃	366, 378
isoreserpiline (elliptine)	C ₂₁ H ₂₆ N ₂ O ₃	338, 363A, 365, 366, 369, 378, 391, 398, 408
isoreserpine	C ₂₃ H ₄₀ N ₂ O ₃	378
isoreserpinine	C ₂₃ H ₄₂ N ₂ O ₃	366, 378
isorhyncophylline	C ₂₂ H ₄₆ N ₃ O ₄	2947
isotubijervine	C ₂₁ H ₄₃ NO ₂	2125, 2127
isotubijervosine	C ₂₁ H ₄₃ NO ₇	2127
isosetoclavine	C ₁₆ H ₂₁ N ₂ O	1389

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
isosinomenine	C ₁₉ H ₂₃ NO ₄	2347
α-isosparteine (genisteine)	C ₁₅ H ₂₆ N ₂	1869
β-isosparteine (spartalupine)	C ₁₅ H ₂₆ N ₂	1895
isostemonidine	C ₁₉ H ₂₁ NO ₅	3520
isotalatidisine	C ₂₃ H ₃₇ NO ₆	2728, 2756
isotazettine	C ₁₅ H ₂₁ NO ₅	143
isotetrandrine	C ₃₃ H ₄₂ N ₂ O ₆	548, 2313, 2315, 2351, 2358, 2369
isothebaine	C ₁₉ H ₂₁ NO ₃	2578, 2584
isotomine		720
isotrilobine	C ₁₈ H ₃₅ N ₂ O ₅	2320, 2321
isotuberostemonine	C ₂₂ H ₃₃ NO ₄	3522
isovincamine	C ₂₁ H ₂₆ N ₂ O ₃	431, 436
isovoacangine	C ₂₂ H ₂₈ N ₂ O ₃	412
isoyohimbine	C ₂₁ H ₂₆ N ₂ O ₃	401, 2894
jaborandine	C ₁₈ H ₂₆ N ₂ O ₂	2638, 2647, 3145
γ-jaborine		3149
jacobine	C ₁₈ H ₂₅ NO ₆	975, 981, 986, 999, 1014, 1042
jacodine (α-longilobine, seneciphylline).	C ₁₈ H ₂₃ NO ₅	970, 981, 999, 1014
jacoline	C ₁₈ H ₂₇ NO ₇	999
jaconine	C ₂₀ H ₂₂ ClNO ₇	999
jacozine	C ₁₈ H ₂₃ NO ₆	999
jambosine	C ₁₀ H ₁₆ NO ₂	2418, 2420
japaconitine		2695
jatrophine	C ₁₄ H ₃₀ NO ₆	1237
jatrorrhizine (neprotine)	C ₂₀ H ₂₁ NO ₅	533, 535, 541, 542, 545, 548, 550, 556, 557, 559, 573, 575, 576, 579, 580, 581, 582, 584, 587, 2301, 2303, 2322, 2323, 2329, 2333, 2334, 2746, 2748, 2801, 3134
javanine		2844, 2857, 2864
Jaxartinine	C ₁₀ H ₁₆ NO	3869
jervine	C ₂₇ H ₃₉ NO ₃	2042, 2125, 2127, 2128, 2129, 2131, 2132, 2134, 2135
γ-jervine	C ₁₅ H ₁₉ NO ₅	2125, 2127, 2128, 2135
jesaconitine	C ₂₃ H ₄₀ NO ₁₂	2695, 2709, 2719, 2727
junceine	C ₁₉ H ₂₇ NO ₇	1673
Kajigamori base	C ₂₃ H ₂₇₋₂₈ NO ₆	2720
kamassine (quebrachamine)	C ₁₉ H ₂₆ N ₂	300
Katsuyama base I	C ₂₂ H ₂₇₋₂₉ NO ₃	2720
Katsuyama base II	C ₂₅ H ₃₁ NO ₆	2720
4-ketodihydroquinazoline	C ₉ H ₈ N ₂ O ₂	3238
kobusine	C ₂₀ H ₂₇ NO ₂	2695, 2702, 2703, 2719
γ-kobusine	C ₂₀ H ₂₇ NO ₃	2703, 2734
kokusagine	C ₁₂ H ₈ NO ₄	3060, 3126
kokusagininine	C ₁₄ H ₁₃₋₁₅ N ₄	3003, 3050, 3055, 3060, 3074, 3075, 3077, 3091, 3126, 3130, 3152
kokusaginoline	C ₁₇ H ₁₃ NO ₃	3126
kopsamine (kopsine)	C ₂₄ H ₄₈ N ₂ O ₇	315, 317
kopsaporine	C ₂₃ H ₄₆ N ₂ O ₆	320
kopsiflorine	C ₂₃ H ₂₈ N ₂ O ₆	317
kopsilongine	C ₂₄ H ₃₀ N ₂ O ₆	317
kopsine (kopsamine)	C ₂₄ H ₄₈ N ₂ O ₇	313, 315, 316
kopsingarine	C ₂₃ H ₂₈₋₃₀ N ₂ O ₇	320

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
kopsingine	C ₂₄ H ₂₈ N ₂ O ₇	320
kopsinine	C ₂₄ H ₂₈ N ₂ O ₂	315, 317
koumine	C ₂₀ H ₂₂ N ₂ O	2152
kouminicine		2152
kouminidine	C ₁₉ H ₂₆ N ₂ O ₄	2152
kouminine		2152
kounidine	C ₂₁ H ₂₄ N ₂ O ₆	2152
krigeine	C ₁₈ H ₂₁ NO ₆	164
kukoline	C ₁₆ H ₂₀ NO ₃	2313
kurchamine	C ₂₂ H ₂₆ N ₂	303
kurchicine	C ₂₀ H ₂₆ N ₂ O	302, 303
kurbchine	C ₂₂ H ₂₈ N ₂	303
L 2	C ₁₈ H ₂₉ NO ₃	2226, 2228
L 3	C ₁₈ H ₃₁ NO ₂	2226, 2228
L 4	C ₁₆ H ₂₇ N	2226, 2228
L 5	C ₁₈ H ₂₈ N ₂ O ₂	2226, 2228
L 8 (L 30)	C ₁₅ H ₂₅ NO ₂	2222, 2234
L 9	C ₁₆ H ₂₂ NO ₂	2222
L 10	C ₁₆ H ₂₇ NO	2222
L 11 (anotine)	C ₁₆ H ₂₁ NO ₃	2222
L 13	C ₁₆ H ₂₅ NO	2225, 2230, 2231, 2232, 2235
L 14	C ₁₆ H ₂₄ N	2235
L 15	C ₂₀ H ₃₁ NO ₄	2235
L 16	C ₁₆ H ₂₁ NO	2231
L 17	C ₁₈ H ₂₇ NO ₃	2231
L 18	C ₁₇ H ₂₂ N ₄ O ₃	2225
L 19		2225
L 20	C ₁₇ H ₂₇ NO ₂	2230
L 21	C ₁₃ H ₂₁ NO	2230
L 22	C ₁₄ H ₂₇ NO	2230
L 23	C ₁₆ H ₂₈ NO ₂	2230
L 24	C ₁₆ H ₂₅ NO	2230
L 25	C ₁₆ H ₂₅ NO ₂	2230
L 26	C ₁₆ H ₂₆ NO	2232
L 27 (acerifoline)	C ₁₆ H ₂₁ NO ₂	2223
L 28	C ₁₇ H ₂₇ NO ₂	2222, 2223
L 29	C ₁₆ H ₂₃ NO ₂	2222, 2223
L 30 (L 8)	C ₁₆ H ₂₆ NO ₂	2223
L 31	C ₂₀ H ₂₉ NO ₄	2222, 2223
L 33		2224
L 34	C ₁₆ H ₂₆ NO ₂	2227
L 35	C ₁₄ H ₂₁ NO	2227
laburnine	C ₈ H ₁₅ NO	1702
lagochiline	C ₁₂ H ₂₃ NO ₂	1408
lamarkine	C ₁₂ H ₁₂ N ₂ O ₆	1090
lambertine	C ₂₀ H ₁₉ NO ₄	550, 556
lanceine	C ₂₀ H ₂₆ N ₂ O ₃ (C ₂₄ H ₃₀ N ₂ O ₄)	323
lantanine		3633
lanthopine	C ₂₂ H ₂₆ NO ₄	2589
lappaconitine	C ₃₂ H ₄₄ N ₂ O ₄	2691, 2714, 2722
lasiocearpine	C ₂₁ H ₃₃ NO ₇	620, 622
lasiocearpine N-oxide	C ₂₁ H ₃₃ NO ₄	620
laudanidine	C ₂₀ H ₂₆ NO ₄	2589
laudanine	C ₂₀ H ₂₅ NO ₄	2589
laudanosine	C ₂₁ H ₂₇ NO ₄	2589
laureline	C ₁₉ H ₁₉ NO ₃	1488, 2830
laurepukine	C ₁₅ H ₁₇ NO ₄	1488, 2380
laurifoline	C ₂₂ H ₂₃ NO ₂	2316, 3157A

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
laurotetanine.....	C ₁₉ H ₂₁ NO ₄	846, 1376, 1451, 1457, 1476, 1489, 1490, 1491, 1492, 1496, 1497, 1498, 1499, 1501, 1507, 1514
lelobanidines I, II.....	C ₁₁ H ₂₀ NO ₂	727, 730
lelobanidine III.....	C ₁₄ H ₂₆ N ₂	730
leontamine.....	C ₁₄ H ₂₆ N ₂	569
leonticine.....	C ₁₄ H ₂₆ N ₂ O.....	570
leontidine.....	C ₁₄ H ₂₄ N ₂ O.....	569
leontine.....	C ₁₂ H ₂₄ N ₂ O.....	569
leonurine.....	C ₁₀ H ₁₄ N ₂ O ₂	1413
leonurinine.....	C ₁₀ H ₁₄ N ₂ O ₃	1413
leptactinine.....	C ₁₃ H ₁₆ N ₂ O.....	2921
leptaflorine (tetrahydrobar-mine).....	C ₁₃ H ₁₆ N ₂ O.....	2920
leptocladine.....	C ₁₃ H ₁₆ N ₂	813, 814
lettocine.....	C ₁₇ H ₂₅ NO ₂	303
leucenol (mimosine).....	C ₈ H ₁₀ N ₂ O ₄	1857
leurosine.....	.....	438
lilloine.....	.....	1941
linantenine.....	.....	1288
lindelofamine.....	C ₂₀ H ₃₃ NO ₅	626, 631
lindelofine.....	C ₁₆ H ₂₇ NO ₄	626, 631
lobefanidine.....	C ₂₂ H ₂₉ NO ₂	727, 737, 738
lobelanidine.....	C ₂₂ H ₂₅ NO ₂	727, 732A, 733, 739
lobeline.....	C ₂₂ H ₂₇ NO ₂	722, 724, 725, 727, 730, 731, 732, 732A, 733, 734, 736, 737, 738, 739
lobinaline.....	C ₂₁ H ₃₁ N ₂ O ₂	722
lobinanidine.....	C ₁₁ H ₂₇ NO ₄	727
lobine.....	C ₂₃ H ₃₁ N ₂ O ₄	1929
lobinine.....	C ₁₈ H ₂₆ NO ₂	727
lochneram.....	.....	3667
lochnericine.....	C ₂₁ H ₂₄ N ₂ O ₃	438
lochnerine.....	C ₂₀₋₂₁ H ₂₆₋₂₁ N ₂ O ₂	438
loganine.....	.....	2188
lohone.....	.....	1349
loline.....	C ₈ H ₁₄ NO.....	1345
lolinidine.....	.....	1345
α -longilobine (jacodine).....	C ₁₅ H ₂₃ NO ₅	969, 979, 983, 984, 1008
β -longilobine (restorsine).....	C ₁₄ H ₂₃ NO ₄	969, 983, 984, 1008, 1016
lophanterine.....	.....	2260
lophilacerine.....	C ₁₄ H ₂₅₋₂₇ NO ₂	736
lophililine.....	C ₇₋₂₈ H ₃₆₋₃₈ N ₂ O ₃	736
lophocerine.....	.....	683
lophophorine.....	C ₁₃ H ₁₇ NO ₃	684, 690
loturidine.....	.....	3558
loturine (aribine).....	C ₂₃ H ₂₀ N ₄	3558
toxopterygine.....	C ₂₅ H ₃₁ N ₂ O ₂	190, 191, 192, 194
lucaconine.....	C ₂₁ H ₃₃ NO ₆	2703
lucidine-L.....	.....	2188
lucidine-S.....	.....	2188
luciduseculine.....	C ₂₄ H ₃₇ NO ₄	2703
luffanine.....	.....	1131
lumicolchicine.....	.....	2090
lunacridine.....	C ₁₇ H ₂₃ NO ₄	3106, 3107
lunacrine.....	C ₁₈ H ₁₉ NO ₃	3106, 3107, 3108
lunamaridine.....	C ₁₈ H ₁₅ NO ₂	3106, 3107
lunamarine.....	C ₁₈ H ₁₅ NO ₄	3106, 3107
lunariamine.....	C ₂₄ H ₃₃ N ₃ O ₄	1121
lunaridine.....	C ₂₅ H ₃₁ N ₃ O ₄	1121

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
lunarine	$C_{23}H_{31}N_2O_4$	1120, 1121
lunasine	$C_{16}H_{21}NO_5$	3106, 3107
lunine	$C_{16}H_{17}NO_4$	3108
lupanine	$C_{15}H_{24}N_2O$	569, 1632, 1690, 1695, 1702, 1712, 1713, 1714, 1820, 1863, 1865, 1866, 1869, 1871, 1874, 1877, 1880, 1883, 1886, 1890, 1891, 1892, 1894, 1895, 1897, 1900, 1964, 1966, 1967, 1985, 2040, 3466
lupanoline	$C_{15}H_{24}N_2O_2$	1895
tupilazine	$C_{15}H_{24}N_2O_2$	1880, 1895
lupinine	$C_{10}H_{19}NO$	808, 1882, 1886, 1887, 1889 738
lurenine		
luteanine (isocorydine)	$C_{20}H_{25}NO_4$	2526
luteine	$C_{15}H_{16}NO_4$	175
LV-1	$C_{15}H_{22}N_2O$	1898
LV-2	$C_{15}H_{24}N_2O_2$	1898
LV-3	$C_{20}H_{27}NO_4$	1898
LV-4	$C_{17}H_{23}NO_5$	1898
lycaconitine	$C_{34}H_{45}N_2O_{10}$	2696, 2705
lycoctonine		2752
lycodine	$C_{17}H_{24}N_2$	2222
lycopodine	$C_{16}H_{23}NO$	2222, 2223, 2225, 2226, 2227, 2228, 2230, 2231, 2232, 2234, 2235
lycoramine	$C_{17}H_{25}NO_3$	148, 150
lycoremine (galanthamine)	$C_{17}H_{23}NO_3$	148
lycorenine	$C_{18}H_{23}NO_4$	88, 118, 119, 143, 144, 145, 148, 150, 151, 152, 153, 155, 155A, 158, 186
lycorine (narcissine)	$C_{16}H_{17}NO_4$	72, 73, 74A, 75, 78, 79, 80A, 81, 83, 84, 85, 86, 88, 89, 90, 92, 94, 95, 96, 97, 98, 100, 102, 103, 104, 105, 106, 107, 108, 110, 111, 113, 114, 115, 116, 117, 121, 123, 125, 131, 132, 133, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 150, 151, 152, 153, 154, 155, 155A, 156, 158, 160, 161, 162, 163, 164, 165, 166, 167, 168, 170, 171, 173, 174, 175, 176, 177, 178, 180, 181, 182, 184, 185, 186, 187, 188
ψ -lycorine	$C_{16}H_{17}NO_4$	90, 148
macarpine		2574
macoubeine	$C_{23}H_{26}N_2O_2$	325
macralstonidine	$C_{41}H_{50}N_4O_3$	240, 244, 247, 248
macralstonine	$C_{41}H_{54}N_4O_3$	240, 244, 247, 248
macrocarpine		2803
macrophylline	$C_{11}H_{21}NO_3$	240, 1009
macrophylline A	$C_{20}H_{23}N_2O_2$	2189
macrophylline B		2189
maculine	$C_{12}H_6NO_4$	3075, 3077
maeulosidine	$C_{14}H_{13}NO_4$	3077

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
maculosine	C ₁₆ H ₁₅ NO ₅	3077
magnarcine	C ₁₇ H ₂₁ NO ₄	151
magnocurarine	C ₁₉ H ₂₅ NO ₄	1370, 2243, 2247, 2248, 2249, 2250
magnoflorine		481, 485, 533, 556, 561, 564, 565, 566, 576, 578, 587, 2243, 2245, 2246, 2249, 2318, 2321, 2326, 2347, 2746, 2806, 3134, 3157A, 3173
magnolamine	C ₂₆ H ₄₀ NO ₇	2244
magnoline	C ₂₆ H ₄₀ NO ₆	2244
makrotomine	C ₁₅ H ₂₇ NO ₅	629
manacine	C ₁₅ H ₂₂ N ₂ O ₅	3276
mandragorine	C ₁₅ H ₁₉ NO ₂	3276, 3328, 3329, 3332
manthidine	C ₁₈ H ₂₁ NO ₄	121
manthine	C ₁₈ H ₂₁ NO ₄	120
margosine		2288
masonine	C ₁₇ H ₁₇ NO ₄	186
matrine	C ₁₅ H ₂₄ N ₂ O	1043, 1865, 1990, 1991, 1994, 1999, 2000, 2004
matrine N-oxide	C ₁₅ H ₂₄ N ₂ O ₂	1994
mauiensine	C ₂₀ H ₂₈ N ₂ O	382
mavacurine		2162, 2174, 2189, 2191, 2201, 2203, 2204
C-mavacurine	C ₂₀ H ₂₅ N ₂ O	2190, 2208, 2212, 3667
mayumbine	C ₂₁ H ₂₄ N ₂ O ₃	2960, 2962
meconidine	C ₂₁ H ₂₃ NO ₄	2589
medicosmine	C ₁₇ H ₁₅ NO ₃	3109
megacearpidine	C ₂₇ H ₄₆ NO ₂	3471A
melicopidine	C ₁₈ H ₁₉ NO ₃	3003, 3112
melicopidine	C ₁₇ H ₁₆ NO ₃	3003, 3050, 3060, 3112
melicopidine	C ₁₇ H ₁₅ NO ₃	3002, 3003, 3112
melinonine A	C ₂₂ H ₂₇ N ₂ O ₃	2190, 3667
melinonine B	C ₂₀ H ₂₇ N ₂ O	2190, 3667
melinonine E	C ₂₂ H ₂₂ - ₂₃ N ₂ O	2190
melinonine F	C ₁₅ H ₁₃ N ₂	2190
melinonine G	C ₁₇ H ₁₅ N ₂	2190
melinonine H	C ₂₀ H ₂₁ - ₂₃ N ₂ O	2190
melinonine I		2190
melinonine K		2190
melinonine L	C ₂₀ H ₂₄ N ₂ O ₄	2190
melinonine M		2190
menisarine	C ₃₅ H ₃₄ N ₂ O ₆	2320
menisidine	C ₃₅ H ₃₅ N ₂ O ₆	2321, 2342, 2358
menisine	C ₃₅ H ₃₄ N ₂ O ₆	2321, 2342, 2358
menisperine	C ₂₁ H ₂₄ NO ₄	587, 2339
menispermine	C ₁₈ H ₂₄ NO ₂	2298, 2299
mercurialine		1250
mesaconitine	C ₃₃ H ₄₅ NO ₁₁	2686, 2691, 2692, 2695, 2697, 2698, 2700, 2701, 2702, 2706, 2707, 2708, 2709, 2711, 2712, 2713, 2719, 2720, 2727, 2728, 2729, 2731, 2735
mescaline	C ₂₁ H ₁₇ NO ₃	676, 684, 690, 693, 708
mesembrenine	C ₁₇ H ₂₃ NO ₃	51
mesembraceine	C ₁₇ H ₂₅ NO ₃	49, 50, 51
metaphanine	C ₁₈ H ₂₃ NO ₃	2355
meteiodidine	C ₁₃ H ₁₂ NO ₄	3292, 3294, 3295, 3298
5-methoxyanthin-6-one	C ₁₅ H ₁₉ N ₂ O ₂	3129

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
methoxychelidonine	C ₂₁ H ₂₁ NO ₆	2513
methoxellipticine	C ₁₉ H ₁₆ N ₂ O(?)	338
7-methoxy-1-methyl-2-phenyl-4-quinolone.	C ₁₇ H ₁₅ NO ₂	3108
5-methoxy-N-methyltryptamine.	C ₁₂ H ₁₆ N ₂ O	1355
4-methoxy-2-phenylquinoline	C ₁₆ H ₁₃ NO	3106
3-methoxypyridine	C ₈ H ₇ NO	1174, 2025
11-methoxy- δ -yohimbine (alkaloid A ex <i>R. serpentina</i>).	C ₂₂ H ₂₅ N ₂ O ₃	401
N-methylanabasine	C ₁₁ H ₁₆ N ₂	808, 3383
O-methylanhalonidine	C ₁₈ H ₁₉ NO ₃	690
methylcocaine	C ₁₈ H ₂₃ NO ₄	1183, 1191
N-methylconiine	C ₉ H ₁₉ N	3600
N-methyleytisine	C ₁₂ H ₁₅ N ₂ O	562, 568, 571, 1043, 1608, 1624, 1629, 1630, 1693, 1699, 1702, 1704, 1715, 1815, 1825, 1828, 1924, 1979, 1994, 1999, 2004, 2007, 2023, 2024, 2025
methylleconidine		1183, 1191
N-methylephedrine	C ₁₀ H ₁₁ NO	1317
N-methyl- α -ephedrine	C ₁₁ H ₁₁ NO	1317, 1323
8-methyl-10-ethyl-lobelidol	C ₁₅ H ₂₁ NO ₂	727
N-methyl-2-(4-hydroxy-phenyl)-ethylamine.	C ₉ H ₁₃ NO	3669
methylisocondodendrine (cycleanine).	C ₂₃ H ₄₂ N ₂ O ₆	2309, 2310, 2351
N-methylsocorydine	C ₂₁ H ₂₅ NO ₄	1462, 3063, 3161, 3178
methylpsedoulycorine	C ₉ H ₁₁ NO	1105, 2681
N-methyllaurotetanine	C ₂₀ H ₃₁ NO ₄	1491, 1492, 2383
methyllycaconitine	C ₃₁ H ₄₈ N ₂ O ₁₀	940, 2755, 2759, 2760, 2770
N-methylmescaline	C ₁₂ H ₁₉ NO ₃	684, 690
methylpelletierine	C ₉ H ₁₁ NO	2081
N-methyl- β -phenethylamine	C ₉ H ₁₃ N	813, 1516, 1523, 1561, 1563
8-methyl-10-phenyl-lobelidol	C ₁₁ H ₂₇ NO ₂	727
N-methylpiperidine	C ₆ H ₁₃ N	830, 831
2-methylpiperidine	C ₆ H ₁₃ N	3600
methylpsedoulycorine	C ₁₁ H ₂₁ NO ₄	155A
O-methylpsychotrine	C ₂₅ H ₃₈ N ₂ O ₃	2841, 2842
N-methylpyrrolidine	C ₆ H ₁₁ N	3383
β -methylpyrrolidine	C ₅ H ₉ N	2643
N-methylpyrrolidine	C ₆ H ₉ N	3271
O-methylrepandine	C ₃₅ H ₄₂ N ₂ O ₆	2372, 2374
methylreserpate (seredine)	C ₂₁ H ₃₀ N ₂ O ₈	401
3-methyl-1, 2, 3, 4-tetrahydro- α -carboline.	C ₁₂ H ₁₄ N ₂	813
N-methyltetrahydroharmol	C ₁₃ H ₁₀ N ₂ O ₂	1163
4-(methylthio)canthin-6-one	C ₁₅ H ₁₀ N ₂ OS	3129
N-methyltyramine	C ₉ H ₁₃ NO	1342, 1343
O-methyltyramine - N-methylcinnamide.	C ₁₀ H ₂₁ NO ₂	3159
microthine	C ₂₁ H ₂₃ N ₂ O ₆	383, 1237A, 2373, 2374
mikanoidine	C ₂₁ H ₂₉ NO ₆	1001, 1011
mimosine (leucenol)	C ₈ H ₁₀ N ₂ O ₄	1857, 1910
minorine	C ₂₂ H ₂₆ N ₂ O ₃	432, 436
minpeimine	C ₂₇ H ₄₃ NO ₂	2087
minpeiminine		2087
mitragynine	C ₂₂ H ₃₁ NO ₅	2926, 2927, 2928, 2929, 2930, 2932, 2933, 2943, 2947

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
mitragynol	C ₂₁ H ₂₆ N ₂ O ₅	2926, 2927, 2928, 2929, 2930, 2932, 2933, 2943, 2947
mitraphylline	C ₂₁ H ₂₅ N ₂ O ₄	2826, 2928, 2931, 2943, 2995
mitraspecine	C ₂₅ H ₃₆ N ₂ O ₅	2932
mitraversine	C ₂₂ H ₂₆ N ₂ O ₄	2926, 2927, 2928, 2929, 2930, 2932, 2933, 2943, 2947
mitrinermine (rhynchophylline)	C ₂₂ H ₂₄ N ₂ O ₄	2927, 2930, 2934
mixture		2753, 2767, 2768, 2773
miyaconitine	C ₂₃ H ₂₆ NO ₆	2710
miyaconitinone	C ₂₃ H ₂₇ NO ₆	2710
molliclavine	C ₁₆ H ₁₉ N ₂ O ₂	1389
momordicine		1133
monephedrine	C ₁₃ H ₁₉ NO	1313
monoacetyltsongorine		2724
monoacetyltaletamine		2713
monocrotaline	C ₁₆ H ₂₃ NO ₄	1680, 1683
monocrotaline N-oxide	C ₁₆ H ₂₂ NO ₃	1680
monolupine (anagyrine)	C ₁₅ H ₂₀ N ₂ O	1869
monomethylholarrhagine I	C ₂₂ H ₃₅ N ₂ O	303
monomethylholarrhagine II	C ₂₂ H ₃₆ N ₂ O	303
monsessularanine	C ₁₅ H ₂₂ N ₂ O ₂	1704
montanine	C ₁₇ H ₁₉ NO ₄	120, 121, 124
moradeine		2956
moringine	C ₇ H ₈ N	2402
morphine	C ₁₇ H ₁₉ NO ₃	2397, 2507, 2556, 2587, 2588, 2589
α -morphine	C ₃₄ H ₃₅ N ₂ O ₅	2589
marrenine		518
moschatine	C ₂₁ H ₂₇ NO ₇	855, 856
mucudaine		1914
mucuadamine		1914
mucuadininine		1914
mucuadidine		1914
mucunine		1914
muricine	C ₁₅ H ₂₁ NO ₄	201
muricinine	C ₁₅ H ₁₉ NO ₄	201
muscarine	C ₈ H ₁₅ NO ₃	20, 24, 25, 27, 30, 31, 32, 33, 34, 35, 36, 44
α - and β -myketosine		24
myoctonine	C ₂₂ H ₃₄ N ₄ O ₂₀	2705
myosmine	C ₆ H ₁₀ N ₂	3383
myriocarpine		1129
mandazarine	C ₂₈ H ₃₈ N ₂ O ₆	587
nandinine	C ₁₉ H ₃₉ NO ₄	587, 2532
nantenine (domesticine, epididymine).	C ₁₉ H ₃₉ NO ₄	587
napelline	C ₂₂ H ₃₃ NO ₃	2712
napellonine	C ₂₂ H ₃₁ NO ₃	2712
narceine	C ₂₂ H ₃₇ NO ₈	764, 2589
narcipoetine (homolycoreine)	C ₁₉ H ₃₃ NO ₄	155
narcissamine	C ₁₆ H ₃₉ NO ₃	151, 155A
narcissidine	C ₁₈ H ₃₃ NO ₃	150, 151, 152, 155, 166
narcissine (lycorine)	C ₁₈ H ₃₇ NO ₄	78
narcotine	C ₂₂ H ₃₃ NO ₇	1109, 2190, 2585, 2587, 2589, 3035, 3038, 3318, 3509
narcotoline	C ₂₁ H ₂₁ NO ₇	2589
naregamine		2290

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
nartazine	C ₂₀ H ₂₃ NO ₆	156
narwedine	C ₁₇ H ₁₉ NO ₃	151
narzettine	C ₂₀ H ₂₃ NO ₆	156
natalensine (haemanthamine)	C ₁₇ H ₁₉ NO ₄	126, 128
natrine	C ₂₃ H ₃₈ NO	3442
nebularine	C ₁₉ H ₁₂ N ₂ O ₄	21
nelumbine		2440, 2441
nemorine	C ₂₄ H ₃₈ NO ₄	2713
neoajmaline	C ₂₀ H ₂₄ N ₂ O ₂	401
neogermabidine	C ₃₇ H ₆₉ NO ₁₂	2125, 2135
neogermidine (isogermidine)	C ₃₄ H ₆₃ NO ₁₀	2141, 2143
neogermitrine	C ₃₆ H ₆₅ NO ₁₁	2127, 2128, 2135, 2141, 2143
neoline	C ₂₃ H ₃₈ NO ₈	2712
neopeiline	C ₂₂ H ₄₅ NO ₈	2712, 2726
neopine	C ₁₈ H ₂₁ NO ₃	2589
neosabadine	C ₂₇ H ₄₂ NO ₈	2114
neprotine (jatrorrhizine)	C ₁₉ H ₂₁ NO ₆	553, 573, 575, 577, 579, 580, 583, 584
nerinine	C ₁₉ H ₂₅ NO ₆	136, 137, 142, 167, 184
nerispine	C ₁₇ H ₁₉ NO ₄	168
neronine	C ₁₆ H ₁₉ NO ₈	164
nerundine	C ₁₈ H ₂₁ NO ₆	168
neruscine	C ₁₈ H ₂₃ NO ₃	161
nicotine	C ₁₀ H ₁₂ N ₂	3383
nicoteline	C ₁₀ H ₈ N ₂	3383
nicotimine	C ₁₀ H ₁₄ N ₂	3383
nicotine	C ₁₀ H ₁₄ N ₂	499, 918, 1064, 1103, 1174, 1175, 1176, 1183, 1191, 1914, 2224, 2225, 2226, 2228, 2230, 2232, 2235, 2390, 3303, 3305, 3335, 3337, 3338, 3339, 3340, 3341, 3342, 3343, 3345, 3346, 3347, 3348, 3349, 3350, 3351, 3352, 3353, 3354, 3355, 3356, 3357, 3357A, 3358, 3359, 3360, 3362, 3363, 3364, 3365, 3366, 3367, 3368, 3369, 3370, 3371, 3372, 3373, 3374, 3376, 3378, 3380, 3381, 3382, 3382A, 3383, 3385, 3386, 3387, 3388, 3390, 3517
nicotyrine	C ₁₀ H ₁₀ N ₂	3383
niereembergine		3391
nigelline		2794
nigerine	C ₁₃ H ₉ N ₂ O	1908
nikanine	C ₁₈ H ₂₇ NO ₅	642
nikanine N-oxide	C ₁₈ H ₂₇ NO ₆	642
nishindine	C ₁₅ H ₂₁ NO	3645
nitidine	C ₂₁ H ₁₈ NO ₅	3168
nivaline	C ₁₈ N ₁₉ NO ₅	116, 140
nonalupine	C ₁₅ H ₂₅ N ₂	1864, 1895
norarecaidine		2498
norarecoline		2498
norargemonine		2506, 2507
noratropine	C ₁₈ H ₂₁ NO ₃	3417A
norconessine	C ₂₂ H ₃₈ N ₂	303

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
norcycleanine	C ₃₇ H ₄₀ N ₂ O ₆	2326
nordihydrotoxiferine		3667
nor-C-dihydrotoxiferine	C ₁₉ H ₂₀₋₂₂ N ₂	2208
norephedrine		1323
nor- β -ephedrine	C ₉ H ₁₃ NO	788, 1323
norevoxanthine		3060
norfagarine		3105
norhyoscyamine (ψ -hyoscyamine, solandrine, tropylnor-tropeine)	C ₁₆ H ₂₁ NO ₃	3297, 3298, 3304, 3305, 3329, 3332, 3414, 3415, 3417A, 3417B
norisocorydine	C ₁₉ H ₂₁ NO ₄	2383
norlobanidine	C ₁₇ H ₂₇ NO ₂	727
norlobelanidine	C ₂₁ H ₂₇ NO ₂	727, 730, 733
norlobelanine	C ₂₁ H ₂₇ NO ₂	727, 733, 737
normelicopidine	C ₁₆ H ₁₅ NO ₃	3060
normemisanine	C ₃₅ H ₃₂ N ₂ O ₆	2321
nornicotine	C ₉ H ₁₂ N ₂	1064, 3303, 3305, 3335, 3339, 3340, 3341, 3342, 3344, 3345, 3349, 3350, 3351, 3352, 3353, 3354, 3355, 3356, 3357, 3357A, 3358, 3359, 3361, 3362, 3363, 3364, 3365, 3366, 3367, 3369, 3371, 3372, 3373, 3374, 3375, 3377, 3378, 3380, 3381, 3382, 3382A, 3383, 3385, 3386, 3387, 3388, 3389, 3409
norpluviine	C ₁₆ H ₁₉ NO ₃	148
novaccine	C ₂₄ H ₂₉ N ₂ O ₅	2193
nuciferine	C ₁₉ H ₂₁ NO ₂	2441
nupharidine	C ₁₆ H ₂₃ NO ₂	2442
α - and β -nupharidine	C ₁₆ H ₂₃ NO	2443
nymphaeine	C ₁₄ H ₂₃ NO ₂	2444
obscurine	C ₁₈ H ₂₁ N ₂ O	2222, 2226, 2228, 2231
ochotensine	C ₂₂ H ₂₁ NO ₄	2530
ochotensine	C ₂₁ H ₂₁ NO ₄	2530, 2537, 2547
ochrobirine	C ₂₀ H ₁₉ NO ₆	2526, 2531, 2537
oceoteine	C ₁₆ H ₁₇ NO ₃	1509
ocotine	C ₂₅ H ₃₀ N ₂ O ₆	1510
octalupine (hydroxyiupanine)	C ₁₆ H ₂₄ N ₂ O ₂	1895
oduline	C ₁₇ H ₁₉ NO ₄	151, 153
olivacine	C ₁₇ H ₁₄ N ₂	262A
ophiocarpine	C ₂₀ H ₂₁ NO ₅	2532
orensine	C ₁₉ H ₂₄ N ₂ O	1587, 1591
oreoline	C ₂₂ H ₄₂ NO ₇	2770
oripavine	C ₁₈ H ₂₁ NO ₃	2578, 2581, 2584
orixine	C ₁₈ H ₂₁ NO ₆	3126
ormosanine	C ₂₀ H ₂₂ N ₃	1917, 1918, 1920, 1921, 1922, 1923, 1925
ormosine	C ₂₀ H ₂₁ N ₃	1918, 1919
ormosinine	C ₂₀ H ₂₃ N ₃	1918, 1919, 1920, 1921, 1922, 1923, 1925
orobanhamine	C ₂₀ H ₃₁ NO ₁₁	2497B
othosenine	C ₁₉ H ₂₇ NO ₇	985, 1013, 1024, 1042, 1679
<i>N</i> -oxidophatyphylline	C ₁₈ H ₂₇ NO ₈	1021
<i>N</i> -oxidoseneciphylline	C ₁₈ H ₂₃ NO ₈	1021
oxosparteine		1815
exotuberostemonine	C ₂₂ H ₃₁ NO ₆	3522

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
oxyacanthine.....	C ₃₇ H ₄₀ N ₂ O ₆	535, 541, 542, 545, 550, 556, 559, 573, 574, 575, 576, 577, 579, 580, 583, 584
oxyaphyllidine.....	C ₁₅ H ₂₀ N ₂ O ₂	808
oxyaphyloline.....	C ₁₅ H ₂₀ N ₂ O ₂	808
oxyberberine (berlambine).....	C ₂₀ H ₁₇ NO ₅	556
oxycandicine.....	C ₂₀ H ₁₇ NO ₅	703
oxychelidone.....	C ₂₀ H ₁₇ NO ₅	2513
oxymatrine.....	C ₁₈ H ₂₄ N ₂ O ₂	1991
oxynarcotine.....	C ₂₂ H ₂₃ NO ₈	2589
oxynitidine.....	C ₂₁ H ₁₇ NO ₄	3168
oxysanguinarine.....	C ₂₀ H ₁₄ NO ₅	2593
pachycarpidine.....	C ₁₅ H ₂₂ N ₂ O ₂	2000
pachycarpine (<i>d</i> -sparteine).....	C ₁₅ H ₂₄ N ₂	569, 1604, 1608, 1695, 1979, 1990, 1995A, 1997, 1998, 2000, 2024
pahybrine.....	C ₂₂ H ₃₀ N ₂ O ₄	2582
paiipunine.....	C ₂₄ H ₃₇ NO ₄	3523
palicourine.....	C ₂₁ H ₂₃ NO ₅	2948, 2949
palmatine (calystigine).....	C ₂₁ H ₂₃ NO ₅	210A, 534, 535, 541, 542, 545, 548, 550, 556, 557, 559, 573, 575, 576, 577, 579, 584, 2303, 2317, 2319, 2322, 2323, 2329, 2333, 2334, 2340, 2341, 2363, 2367, 2518, 2746, 2748, 2801, 3134, 3135, 3137
palmatisine.....	C ₂₃ H ₃₂ N ₂ O ₄	2715
palosine.....	C ₂₃ H ₃₂ N ₂ O ₄	264
palustridine.....	C ₁₈ H ₃₁ N ₃ O ₃	1176
palustrine.....	C ₁₇ H ₂₉ N ₃ O ₂	1174, 1175, 1176
panamine.....	C ₂₀ H ₃₃ N ₂	1917, 1920, 1921, 1922, 1923, 1925
pancratine.....	C ₁₇ H ₁₉ NO ₃	171
paniculatine (ex <i>Aconitum paniculatum</i>).....	C ₂₉ H ₃₅ NO ₇	2716
paniculatine (ex <i>Celastrus paniculata</i>).....	C ₂₁ H ₂₆ N ₂ O ₃	791
paniculatine (ex <i>Corynanthe paniculata</i>).....	C ₂₁ H ₂₆ N ₂ O ₃	2893
paniculatine (ex <i>Pausinystalia paniculata</i>).....	C ₂₁ H ₂₆ N ₂ O ₃	2950
papaveramine.....	C ₂₁ H ₂₆ NO ₆	2589
papaverine.....	C ₂₀ H ₂₁ NO ₄	401, 2585, 2589
paraisine.....	C ₁₈ H ₂₄ NO ₂	2288
paramenispermine.....	C ₁₈ H ₂₄ NO ₂	2298, 2299
paricine.....	C ₁₈ H ₁₈ N ₂ O.....	2857, 2868, 2873, 2982
parkamine.....	C ₁₈ H ₂₁ NO ₅	74A
paronychine.....	C ₁₈ H ₂₁ NO ₅	782
parostemeneine.....	C ₁₈ H ₂₁ NO ₅	1503
parquine.....	C ₂₁ H ₃₉ NO ₈	3283, 3285, 3311
parthenine.....	C ₂₃ H ₂₁ NO ₄	954
parvifagarine.....	C ₁₂ H ₁₉ N ₂	3066
passiflorine.....	C ₁₈ H ₂₇ NO ₈	2597, 2598, 2599, 2600, 2603, 2605, 2606
paucicaline.....	C ₁₇ H ₃₉ N ₅ O ₅	1017
paucine.....	C ₁₇ H ₃₉ N ₅ O ₅	1934
paytamine.....	C ₂₁ H ₂₄ N ₂ O.....	271, 2918
paytine.....	C ₂₁ H ₂₄ N ₂ O.....	271, 2918

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
peganine (vasicine)	C ₁₁ H ₁₂ N ₂ O	3661
peimidine	C ₂₂ H ₄₅ NO ₂	2082
peimine	C ₂₇ H ₄₅ NO ₃	2082, 2085
peiminine	C ₂₇ H ₄₅ NO ₃	2079, 2082
peimiphine	C ₂₇ H ₄₅ NO ₃	2082
peimisine	C ₂₇ H ₄₅ NO ₄	2082
peimitidine	C ₂₇ H ₄₅ NO ₃	2082
pelletierine	C ₈ H ₁₅ NO	2681
ψ-pelletierine	C ₉ H ₁₆ NO	2681
pellitorine		861
pellotine	C ₁₃ H ₁₉ NO ₂	684, 690, 691
pelosine (bebeerine)	C ₃₅ H ₅₄ N ₂ O ₆	2367
penniclavine	C ₁₈ H ₃₄ N ₂ O ₂	1389
pentalupine	C ₁₆ H ₃₀ N ₂ O	1889
pentaphylline (skimmianine)	C ₁₄ H ₁₃ NO ₄	3090
perakenine		391
perakine	C ₂₁ H ₂₂ N ₂ O ₃	391
peregrinine		2797
pereirine	C ₂₀ H ₂₄ N ₂ O	297, 299
pereitrine	C ₁₉ H ₂₄ N ₂ O	299
perivincine	C ₂₃ H ₂₆ N ₂ O ₁	436
perivine		438
perlolidine	C ₂₅ H ₁₈ N ₄ O ₂	1347
perloline	C ₃₆ H ₂₂ N ₄ O ₃	1340, 1346, 1347, 1349, 1357
petanine	C ₂₀ H ₂₂ NO ₃	570
petomine	C ₁₇ H ₂₁ NO ₆	74A, 151
phaeantharine		218
phaeanthine	C ₃₅ H ₄₂ N ₂ O ₆	218, 1370, 2343
phalloidine	C ₄₆ H ₄₁ N ₃ O ₁₀ S	26
phanostenine	C ₁₇ H ₃₀ NO ₄	2357
pheliozine	C ₁₇ H ₃₅ NO ₃	3098
phellodendrine		3134
phenethylamine	C ₈ H ₁₁ N	1516, 1517, 1518, 1522, 1524, 1525, 1529, 1534, 1536, 1537, 1539, 1543, 1549, 1550, 1551, 1553, 1554, 1556, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1569, 1571, 1572, 1573, 1579, 1580, 1598, 1599, 2220, 2673A
8-phenyl-lobelol-I	C ₁₄ H ₂₁ NO	727
8-phenyl-norlobelol-I	C ₁₃ H ₁₉ NO	727
physostigmine	C ₁₅ H ₂₁ N ₃ O ₂	1235, 1730, 1912, 1915, 1939, 1940, 2036
physovenine	C ₁₄ H ₁₄ N ₂ O ₃	1940
phytelephantine		2502
phytolaccine		2610
α-picoline	C ₈ H ₇ N	1347, 2669
picrotoxelline	C ₂₇ H ₂₁ N ₂ O ₆	2822
pilljanine	C ₁₅ H ₂₁ N ₂ O	2233
pilocarpidine	C ₁₀ H ₁₄ N ₂ O ₂	3142
pilocarpine	C ₁₁ H ₁₅ N ₂ O ₂	1389, 3141, 3142, 3144, 3145, 3146, 3147
ψ-pilocarpine		3149
piloceredine	C ₃₀ H ₄₄ N ₂ O ₄	683
pilocercine	C ₃₀ H ₄₂ N ₂ O ₄	681, 682, 683, 695, 699
pitoside	C ₁₆ H ₁₄ N ₂ O ₃	1389, 3142, 3144, 3145, 3149

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
pinidine.....	C ₉ H ₁₁ N.....	2628
α-pipecoline.....	C ₉ H ₁₁ N.....	2628
piperidine.....	C ₈ H ₁₁ N.....	52, 836, 2643, 3383, 3600
piperine.....	C ₁₇ H ₁₉ NO ₂	52, 2633, 2634, 2635, 2636, 2637, 2639, 2640, 2643, 2645
piperovatine.....	C ₁₅ H ₂₁ NO ₂	2643, 2646
piptamine.....	.....	1945, 1946
piptanthine.....	C ₁₄ H ₂₁ N ₂	1945, 1946
pithecolobine.....	C ₂₁ H ₄₁ N ₄ O ₂	1950, 1957, 1958, 1961
plantagonine.....	C ₁₆ H ₁₁ NO ₂	2657, 2658
platiphylline.....	C ₁₇ H ₂₅ NO ₅	956, 967, 993, 995, 1021, 1042
pleurosperrmine.....	C ₁₄ H ₁₉ NO ₃	1474
pluviine.....	C ₁₇ H ₂₁ NO ₃	148, 150, 151, 152, 155A
poeticine.....	C ₂₀ H ₂₃ NO ₆	155
pogonopamine.....	.....	2957
pogonopeine.....	.....	2957
pogonopidine.....	.....	2957
pogonopine.....	.....	2957
pontaconitine.....	.....	2717
poroidine.....	C ₁₂ H ₂₁ NO ₂	3305
porphyrine.....	C ₂₁ H ₂₅ N ₂ O ₂	238, 242 238
porphyroxine.....	C ₁₅ H ₂₃ NO ₄	2589
powelline.....	C ₁₇ H ₁₉ NO ₄	83, 100, 102
prangosine.....	C ₁₅ H ₁₅ NO ₃	3611
precurarine.....	.....	2203
premavacurine I.....	.....	2203
premavacurine II.....	.....	2203
premavacurine III.....	.....	2203
premnine.....	C ₁₄ H ₁₅ NO.....	3635
protocevine.....	C ₂₇ H ₄₃ NO ₆	2114
protoemetine.....	C ₁₉ H ₃₇ NO ₄	2965
protopine (argemonine).....	C ₂₀ H ₁₉ NO ₅	587, 2504, 2507, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2542A, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2571, 2572, 2574, 2584, 2586, 2587, 2589, 2589A, 2590, 2591, 2593, 2594, 2595, 2596, 3671
protostemonine.....	C ₂₀ H ₂₉ NO ₅	3519, 3521
protostephanine.....	C ₂₁ H ₂₅ NO ₄	2355
protoveratridine.....	C ₂₁ H ₄₁ NO ₉	2125, 2135, 2143
protoveratrine.....	C ₃₉ H ₈₁ NO ₁₂	2125, 2131
protoveratrine A.....	C ₄₁ H ₈₁ NO ₁₄	2125, 2135, 2143
protoveratrine B (veratetetrine).....	C ₄₁ H ₈₁ NO ₁₅	2125, 2135, 2143
prurienidine.....	.....	1914

Table 2.—Alkaloids and the plants in which they occur—Con.

Alkaloid	Formula	Plant entry No. in table 1
prurienine	C ₁₁ H ₁₂ N ₂ O ₂	1914
prurieninine	C ₁₁ H ₁₃ N ₂ O ₂	1914
psilocauline		960
psilocine		39, 41, 42, 45
psilocybine	C ₁₅ H ₁₈ N ₂ O ₃ P ₂	39, 40, 41, 42, 43, 45
psilospermine	C ₂₁ H ₂₁ N ₂ O ₃	2199
psychotrine	C ₂₁ H ₂₁ N ₂ O ₄	2834, 2840, 2841, 2842, 2901, 2912, 2963, 2965, 2979, 2994
pubescine	C ₂₀ H ₂₁ N ₂ O ₄	436, 437
pukateine	C ₁₁ H ₁₁ NO ₂	1488, 2380
punarnavine	C ₁₇ H ₂₂ N ₂ O	56, 2430
punikathine	C ₁₉ H ₂₃ NO ₃	123
pusilline	C ₁₅ H ₂₄ N ₂	1864, 1884, 1894, 1895
pycnamine	C ₁₆ H ₁₅ N ₂ O ₂	2345
pycnarrenamine	C ₁₅ H ₁₆ N ₂ O ₂	2345
pycnarrhenine	C ₁₅ H ₁₆ N ₂ O ₃	2345
pycnarrhine	C ₁₆ H ₁₅ NO ₃	2345
pyridine	C ₆ H ₅ N	862
pyroclavine	C ₁₅ H ₁₄ N ₂	1389
pyrrolidine	C ₄ H ₇ N	3383, 3601
quebrachamine (kamassine)	C ₁₉ H ₂₅ N ₂	259, 264, 266, 267, 300, 412
quebrachine (yohimbine)	C ₂₁ H ₂₆ N ₂ O ₂	2894
quinamine	C ₁₉ H ₂₄ N ₂ O ₂	2844, 2851, 2852, 2857, 2861, 2864, 2870, 2873, 2981
quinicine	C ₂₀ H ₂₄ N ₂ O ₂	2857
quinidine	C ₂₀ H ₂₄ N ₂ O ₂	2198, 2843, 2844, 2845, 2847, 2848, 2853, 2857, 2858, 2860, 2861, 2864, 2865, 2867, 2871, 2873, 2895, 2980, 2981
quinine	C ₂₀ H ₂₄ N ₂ O ₄	2198, 2844, 2845, 2846, 2847, 2848, 2849, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2867, 2868, 2869, 2871, 2872, 2873, 2874, 2895, 2919, 2980, 2981, 2982, 3262
h-quinine	C ₂₀ H ₂₄ N ₂ O ₂	2857
quirandine		268
raubasininine (alkaloid A ex <i>Rauvolfia serpentina</i>)	C ₂₂ H ₂₄ N ₂ O ₄	401
raugustine	C ₁₂ H ₂₆ N ₂ O ₃	378
rauhimbine (corynanthine)	C ₂₁ H ₂₅ N ₂ O ₃	401
raujemidine	C ₂₃ H ₂₆ N ₂ O ₃	366
raumitorine	C ₂₁ H ₂₅ N ₂ O ₄	408
raunescine	C ₂₁ H ₂₄ N ₂ O ₄	366, 378
raupine	C ₂₀ H ₂₄ N ₂ O ₃	366, 401
rauvomitine	C ₂₀ H ₂₄ N ₂ O ₄	408
rauwolfinine	C ₂₀ H ₂₄ N ₂ O ₃	364, 386
rauwolfinine	C ₁₉ H ₂₄ N ₂ O ₂	401
rauwolscline (corynanthidine)	C ₂₁ H ₂₅ N ₂ O ₃	238, 366, 374, 401, 403
raddeamine	C ₂₁ H ₂₇ NO ₂	2081
raddeanine	C ₂₁ H ₂₉ NO ₃	2081
ratanarine	C ₁₉ H ₂₄ NO ₃	1401
recanescine (canescine)	C ₂₁ H ₂₈ N ₂ O ₄	366
renardine	C ₁₉ H ₂₆ NO ₃	955, 1024
renoxydine (reserpoxidine)	C ₂₃ H ₂₆ N ₂ O ₁₀	378
repandise	C ₂₄ H ₂₄ N ₂ O ₆	2374

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
repandinine	C ₃₅ H ₄₆ N ₂ O ₇	2372, 2374
repanduline	C ₃₆ H ₄₆ N ₂ O ₈	2372, 2374, 2375
rescinnamine	C ₃₅ H ₄₂ N ₂ O ₉	361, 364, 367, 375, 376, 377A, 378, 384, 387, 388, 390, 394, 401, 402, 403, 404, 408, 427
reserpiline	C ₂₃ H ₃₈ N ₂ O ₆	360A, 362, 363A, 366, 367, 369, 374, 375, 376, 377A, 378, 383, 384, 387, 389, 390, 393, 394, 396, 398, 401, 402, 403, 404, 405, 408
reserpine	C ₃₃ H ₄₆ N ₂ O ₉	238, 360A, 361, 362, 363A, 364, 365, 366, 367, 368, 369, 371, 373, 374, 375, 376, 377A, 378, 379, 380, 381, 383, 384, 385, 386, 387, 388, 389, 390, 391, 393, 394, 396, 397, 398, 399, 401, 402, 403, 404, 405, 407, 408, 427, 429, 438
ψ-reserpine	C ₃₂ H ₃₈ N ₂ O ₉	366, 378
reserpine N-oxide (renoxydine)	C ₃₄ H ₄₆ N ₂ O ₁₀	378
reserpinine (alkaloid A ex <i>Rauvolfia serpentina</i>)	C ₂₂ H ₂₄ N ₂ O ₄	360A, 366, 375, 377A, 401, 405, 432, 435
reserpoxidine (renoxydine)	C ₃₁ H ₄₆ N ₂ O ₁₀	366, 401, 408
retamine	C ₁₅ H ₂₆ N ₂ O	1808, 1823, 1826, 1979, 1980, 1981
retronecine N-oxide		1680
retrorsine (β-longilibine)	C ₁₈ H ₂₅ N ₂ O ₆	924, 968, 976, 990, 991, 996, 998, 1005, 1017, 1023, 1025, 1028, 1031, 1039, 1042
retrorsine N-oxide	C ₁₄ H ₂₅ N ₂ O ₇	924
retuline	C ₂₁ H ₂₄ N ₂ O ₂	2181
retusamine	C ₁₉ H ₂₄ N ₂ O ₇	1680
retusamine N-oxide	C ₁₉ H ₂₂ N ₂ O ₈	1680
retusine	C ₁₄ H ₂₄ N ₂ O ₅	1680
rhabdadenine		410A
rhoeadine	C ₂₁ H ₂₂ N ₂ O ₆	2582, 2587, 2589
rhoeagenine	C ₃₀ H ₄₉ N ₂ O ₆	2587
rhombifoline	C ₁₅ H ₂₀ N ₂ O ₃	2025
rhombinine	C ₁₅ H ₂₂ N ₂ O ₂	1869, 1883, 2025
rhynchophylline (mitrimerine)	C ₂₂ H ₂₈ N ₂ O ₄	2826, 2925, 2926, 2927, 2928, 2929, 2930, 2932, 2933, 2943, 2945, 2947
ricinine	C ₈ H ₈ N ₂ O ₂	1212, 1259, 1260
riddelliine	C ₁₅ H ₂₂ N ₂ O ₆	983, 984, 1008, 1016, 1026, 1673
robecine	C ₁₇ H ₂₁ N ₂ O ₄	151
rodiasine	C ₁₈ H ₂₂ N ₂ O ₈	1510
roemeridine	C ₃₁ H ₄₀ N ₂ O ₅	2586, 2591
roemerine	C ₁₅ H ₁₇ N ₂ O ₂	1462, 1477, 1505, 2592
rosmarinecine	C ₉ H ₁₅ N ₂ O ₃	995
rosmarininine	C ₁₈ H ₂₇ N ₂ O ₆	974, 995, 1018, 1027, 1031
rotundifoline	C ₂₂ H ₂₈ N ₂ O ₈	2925, 2926, 2927, 2928, 2930, 2932, 2933, 2943, 2947

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in tablet
rotundine	C ₁₇ H ₂₁ NO ₃	2356
royline	C ₂₁ H ₃₃ - ₃₇ NO ₆	940
rubijervine	C ₂₁ H ₄₃ NO ₂	2125, 2127, 2132, 2135
rubiverine	C ₂₅ H ₃₉ NO ₂	2125
rubrocurarine I		2203
rubrocurarine II		2203
rubrocurarine III		2203
rubrocurarine IV		2203
rutaecarpine	C ₁₈ H ₁₃ N ₂ O	3058, 3105
ruwenine	C ₁₈ H ₂₇ H ₄	1029
ruzorine	C ₁₈ H ₂₇ NO ₅	1028
ryanodine	C ₂₅ H ₄₅ NO ₂	1272
sabadine	C ₂₉ H ₄₁ NO ₂	2114
sabatine	C ₂₉ H ₄₄ - ₄₉ NO ₅	2114
sabine	C ₂₇ H ₄₂ - ₄₇ NO ₇	2114
salicifoline	C ₁₂ H ₁₉ NO ₂	2242, 2245, 2246, 2247, 2250, 2251
salicilobine		733
salsamine		839
salsolidine	C ₁₂ H ₁₇ NO ₂	838, 839, 839A, 839B, 1820
salsoline	C ₁₁ H ₁₅ NO ₂	838, 839, 839A, 839B
sambucine		769
sandwicensine	C ₁₉ H ₂₂ N ₂ O	396
sandwicine	C ₂₀ H ₂₆ N ₂ O ₂	382, 396
sangoline		2367
sanguinarine	C ₂₆ H ₁₃ NO ₄	1159, 2507, 2510, 2511, 2513, 2553, 2555, 2556, 2564, 2565, 2566, 2567, 2572A, 2574, 2593, 2595, 2596, 3213
sankhpuspine	C ₁₇ H ₂₃ NO ₃	1074
sanshoamide	C ₁₉ H ₂₆ NO ₂	3173
santiaguine	C ₁₉ H ₂₄ N ₂ O	1587, 1588, 1590, 1591, 1593, 1594, 1595, 1720
sapinine		1261
sarothamnine	C ₁₆ H ₂₄ N ₂	1702, 1713, 1985
sarpagine	C ₁₉ H ₂₂ N ₂ O ₂	363, 369, 374, 375, 378, 383, 391, 401, 408, 431
sarracine	C ₁₈ H ₂₇ NO ₅	1030
sarracine N-oxide	C ₁₈ H ₂₇ NO ₆	1030
sauroxine	C ₁₇ H ₂₅ N ₂ O	2233
saururine	C ₁₀ H ₁₉ N	2233
saussurine		964, 965
sceleratine	C ₁₈ H ₂₇ NO ₇	1031
scopolamine (hyoscine)	C ₁₇ H ₂₁ NO ₄	3271, 3289, 3290, 3291, 3293, 3294, 3295, 3296, 3297, 3300, 3301, 3302, 3305, 3328, 3329, 3410, 3414, 3416, 3417
scoulerine (aurotensine)	C ₁₉ H ₂₁ NO ₄	2517, 2527, 2528, 2533, 2534, 2535, 2537, 2541, 2560, 2566, 2568
securinine	C ₁₃ H ₁₅ NO ₂	1263
sedamine	C ₁₄ H ₂₁ NO	1103, 1105
sedinine	C ₁₇ H ₂₀ NO ₂	1103
sedinone	C ₁₈ H ₂₁ NO ₂	1103
sedridine	C ₉ H ₁₇ NO	1103
sekisanine	C ₁₆ H ₁₉ NO	148
sekisanoline	C ₁₈ H ₂₃ NO ₃	148

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
ψ-selagine	C ₁₆ H ₂₅ NO ₂	2234
semperflorine	C ₂₁ H ₂₆ N ₂ O	400
sempervirine	C ₁₉ H ₁₆ N ₂	2152, 2153, 2156
senecifolidine	C ₁₈ H ₂₆ NO ₇	1005, 1042
senecifoline	C ₁₈ H ₂₇ NO ₈	972, 1005, 1042, 3215
senecine	C ₁₈ H ₂₆ NO ₅	972, 999, 1042
senecionine	C ₁₈ H ₂₆ NO ₅	923, 924, 955, 968, 969, 972, 975, 978, 979, 981, 983, 984, 985, 987, 989, 996, 997, 999, 1008, 1015A, 1022, 1023, 1033, 1038, 1041, 1042, 1673
senecionine N-oxide	C ₁₈ H ₂₅ NO ₆	924
seneciphylline (jacodine)	C ₁₈ H ₂₃ NO ₆	923, 924, 968, 975, 987, 993, 996, 999, 1021, 1023, 1024, 1032, 1034, 1042, 1673
seneciphylline N-oxide	C ₁₈ H ₂₃ NO ₆	924
senkirkine	C ₁₈ H ₂₅ NO ₆	1002
sepeanine	C ₂₇ H ₁₉ N ₂ O ₇	1504, 1510, 2312
septentrionaline	C ₂₈ H ₁₆ N ₂ O ₉	2722
scredine (methyl reserpate)	C ₂₃ H ₄₀ N ₂ O ₅	408
serotonin (5-hydroxytryptamine)	C ₁₀ H ₁₂ N ₂ O ₂	1914
serpentidine	C ₂₁ H ₁₂ N ₂ O ₃	383
serpentine	C ₂₁ H ₂₂ N ₂ O ₃	363, 366, 372, 374, 378, 383, 399, 401, 403, 438
serpentinine	C ₂₀ H ₂₀ N ₂ O ₅	370, 378, 382, 396, 401, 405
serpine (yohimbine, rauwolscine)	C ₂₁ H ₂₆ N ₂ O ₃	366, 374, 401
serpinine	C ₂₀ H ₂₁ N ₂ O ₄	401, 435
setoclavine (triseoclavine)	C ₁₈ H ₁₈ N ₂ O ₂	1389
Shimoburo-base I	C ₂₁₋₂₂ H ₂₀₋₃₁ NO ₃	2736
Shimoburo-base II	C ₂₃₋₂₄ H ₃₅₋₃₇ NO ₇	2701, 2736
Shiriya base I	C ₂₃ H ₄₇₋₄₉ NO ₆	2736
shobakunine		533, 556, 582, 2301
sigmine		3260
suvasenecine	C ₁₂ H ₂₁ NO ₄ (C ₁₃ H ₂₁ NO ₃)	1035, 1042
sinactine	C ₂₀ H ₂₁ NO ₄	2347, 2560
sinapine	C ₁₈ H ₂₁ NO ₄	1108, 1123
sinine		2447, 2448
sinomenine	C ₁₉ H ₂₅ NO ₄	2337, 2339, 2347, 2348
sinostemonine	C ₂₁ H ₃₆ NO ₂	3523
sipeimine (imperialine)	C ₂₂ H ₄₂ NO ₃	2084
siphocampiline		711
skimmianine (pentaphylline)	C ₁₄ H ₁₃ NO ₄	3003, 3014, 3033, 3034, 3034A, 3043, 3062, 3063, 3065, 3067, 3068, 3072, 3075, 3077, 3091, 3096, 3098, 3099, 3100, 3105, 3112, 3126, 3130, 3152, 3153, 3154, 3157A
smirnovine	C ₁₂ H ₂₄ N ₂ O ₂	1736, 1737, 1989
smirnovinine	C ₁₂ H ₂₁ N ₂ O ₂	1736, 1989
soladulcidine	C ₂₇ H ₄₃ NO ₃	3447
solamargine	C ₁₈ H ₇₃ NO ₁₆	3446, 3454, 3474, 3478
solandrine (norhyoscyamine)	C ₁₆ H ₂₁ NO ₃	3399
solangustidine	C ₂₇ H ₄₃ NO ₂	3423
sclangustine	C ₃₃ H ₅₃ NO ₇	3490

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
solanidine.....	C ₂₇ H ₄₃ NO.....	3278, 3318, 3404, 3411, 3414, 3419, 3420, 3422, 3424, 3425, 3427, 3429, 3430, 3431, 3432, 3434, 3435, 3436, 3436A, 3437, 3438, 3441, 3442, 3445, 3447, 3451, 3452, 3453, 3455, 3458, 3459, 3461, 3462, 3464, 3465, 3467, 3469, 3470, 3472, 3473, 3475, 3476, 3478, 3482, 3483, 3484, 3487, 3489, 3494, 3497, 3499, 3502, 3504, 3507, 3509, 3511, 3512, 3512A
solanidine-t.....	C ₂₇ H ₄₃ NO.....	3509
solanocapsidine.....	C ₂₆ H ₄₂ N ₂ O ₄	3489
solanocapsine.....	C ₂₇ H ₄₅ N ₂ O ₂	3489
solasodine.....	C ₂₇ H ₄₃ NO ₂	3426, 3427, 3463, 3468, 3471, 3478, 3479, 3481, 3502, 3508, 3513
solauricidine.....	C ₂₇ H ₄₃ NO ₂	3426
solenthine.....	.....	634
solimocurarine.....	.....	2203
solimoesine I.....	.....	2203
solimoesine II.....	.....	2203
solimoesine III.....	.....	2203
somniferine.....	.....	3517
somniferinine.....	.....	3517
somnine.....	.....	3517
songorine.....	C ₂₁ H ₃₉ NO ₂	2724
sonpeirmine.....	C ₂₇ H ₄₃ NO ₂	2087
sophocarpidine.....	.....	1997
sophocarpine.....	C ₁₅ H ₂₄ N ₂ O.....	1606, 1990, 1991, 1997, 2000
sophochrysine.....	C ₁₃ - ₁₄ H ₂₁ - ₂₃ N ₂ O ₂	1992, 1993, 1999, 2004
sophoramidine.....	C ₁₅ H ₂₀ N ₂ O.....	1990, 2060
sophoridine.....	C ₁₅ H ₂₀ N ₂ O.....	1990
spartalupine (β -isoparteine).....	C ₁₅ H ₂₅ N ₂	1895
sparteine.....	C ₁₅ H ₂₆ N ₂	1586, 1588, 1589, 1592, 1604, 1606, 1608, 1624, 1629, 1630, 1632, 1690, 1692, 1694, 1695, 1696, 1698, 1700, 1701, 1702, 1705, 1707, 1709, 1710, 1711, 1712, 1713, 1717, 1718, 1719, 1808, 1809, 1810, 1815, 1816, 1819, 1820, 1822, 1823, 1826, 1836, 1841, 1863, 1866, 1867, 1869, 1880, 1882, 1886, 1887, 1894, 1895, 1898, 1900, 1946, 1980, 1981, 1984, 1985, 1997, 2000, 2007, 2008, 2024, 2383, 2513, 2712
spartiodine.....	C ₁₉ H ₂₂ NO ₅	1032
spathulatine.....	C ₂₂ H ₄₄ N ₄ O ₅	1864, 1884, 1895, 1896
speciosine.....	C ₂₅ H ₃₁ NO ₆	2069

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
spectabiline	C ₁₆ H ₂₅ NO ₇	1683
spiegazzinine	C ₂₁₋₂₂ H ₂₉₋₃₀ N ₂ O ₅	259
spermatheridine	C ₁₇ H ₁₁ NO ₃	2369
spermatherine		2369
spermostychnine	C ₂₁ H ₂₈ N ₂ O ₂	2199
sphaeranthine	C ₁₃ H ₁₉ NO ₅	1047
sphaerocarpine (isoammodendrine).	C ₁₂ H ₂₀ N ₂ O	1979, 1981
sphaerophysine	C ₁₀ H ₂₂ N ₄	1737, 1989, 2010
spigeline		2158, 2159, 2160
spilanthine		1049
sporine		1389
sprintillamine	C ₂₈ H ₄₅ NO ₄	2779, 2780
sprintillamine	C ₂₅ H ₄₁ NO ₃	2779, 2780
squalidine	C ₁₈ H ₂₅ NO ₅	1033
stachydriine	C ₇ H ₁₃ NO ₂	755, 900, 901, 1351, 1405, 1407, 1411, 1429, 1430, 1431, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1902, 2403, 3035, 3039
staphisagrine	C ₁₀ H ₄₅ N ₂ O ₇	2775
staphisine	C ₂₂ H ₄₁ NO	2775
stemmadenine	C ₂₁ H ₂₄ N ₂ O ₃	412
stemonidine	C ₁₂ H ₂₁ NO ₅	3519, 3520
stemonine	C ₁₇ H ₂₃ NO	3519, 3520, 3521, 3522
stephanine	C ₂₅ H ₃₉ N ₂ O ₆	2350, 2355
stephanoline	C ₂₁ H ₄₂ N ₂ O ₇	2355
steponine	C ₂₀ H ₂₃ NO ₄	2355
sternidine		174
sternine	C ₁₈ H ₂₁ NO ₃	174
stillingine		1264
stizolophine	C ₁₅ H ₂₃ NO ₅	1049A
struxine	C ₂₁ H ₃₉ N ₂ O ₄	2193
strychnicine		2193, 2199
strychnine	C ₂₁ H ₂₂ N ₂ O ₂	2167, 2169, 2177, 2182, 2183, 2187, 2188, 2193, 2199, 2200, 2205
ψ-strychnine	C ₂₁ H ₂₂ N ₂ O ₃	2193
strychnolethaline	C ₂₂ H ₂₇ NO ₄	2186
strychnospermine	C ₂₂ H ₂₈ N ₂ O ₃	2199
stylopine (diphylline)	C ₁₉ H ₁₇ NO ₄	2513, 2519, 2520, 2521, 2526, 2529, 2534, 2538, 2539, 2540, 2543, 2555, 2595
suaveoline	C ₁₇ H ₂₃ NO ₄	207
subaphylline	C ₁₄ H ₂₀ N ₂ O ₃	840
suisenine	C ₁₇ H ₁₉ NO ₅	148
supinidine		624
supinine	C ₁₅ H ₂₃ NO ₄	620, 624, 638, 808
sweetine		2014
synaine	C ₂₁ H ₃₉ NO	2125
tabernaemontanine	C ₂₀ H ₂₈ N ₂ O ₃	417, 422
tabernanthine	C ₁₉ H ₂₇ N ₂ O	310, 412, 425
tabersonine	C ₂₀ H ₂₄ N ₂ O ₂	256
taceridine		3129, 3176
Takawo base I	C ₂₃ H ₂₇ N ₃ O ₇	2701
Takawo base II		2701
Takao-base I	C ₂₂ H ₂₇ NO ₇	2736

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
talatisamine	C ₂₄ H ₃₆ NO ₅	2713, 2728
talatisidine	C ₂₃ H ₃₇ NO ₅	2728
talatisine	C ₂₀ H ₃₉ NO ₅	2728
talaumine		2253
tanghinine		425A
taxine	C ₂₇ H ₅₁ NO ₁₀	3566, 3569
taxine A	C ₂₅ H ₄₉ NO ₁₀	3566
taxine B	C ₂₃ H ₄₅ NO ₉	3566
taxine-I	C ₂₅ H ₄₄ NO ₉	3566
taxinine	C ₃₇ H ₅₇ N ₃ O ₁₀	3567
tazettine	C ₁₈ H ₂₁ NO ₅	84, 108, 115, 116, 118, 119, 133, 136, 137, 138, 139, 140, 141, 142, 148, 150, 151, 153, 156, 158, 161, 166, 167, 171, 173, 176, 177, 181, 184, 185
teidine (adenocarpine)	C ₁₉ H ₂₄ N ₂ O	1585, 1595
temulentine		1349
temuline	C ₈ H ₁₂ N ₂ O	1349
tenupine	C ₃₈ H ₄₀ N ₂ O ₇	2372, 2375
tetrahydroalstonine	C ₂₁ H ₂₄ N ₂ O ₂	238, 323, 399, 438
tetrahydroberberine (canadine)	C ₂₀ H ₂₁ NO ₄	2519
tetrahydrocoptisine (diphiline).	C ₁₉ H ₁₇ NO ₄	2513, 2514, 2539, 2541, 2560
tetrahydroharman	C ₂ H ₁₄ N ₂	1935, 2920
tetrahydroharmine (leptoflorine)	C ₁₂ H ₁₄ N ₂ O	2254
tetrahydroharmol	C ₁₂ H ₁₄ N ₂ O	1163
tetrahydropalmatine (caseanine)	C ₂₁ H ₂₅ NO ₄	2514, 2515, 2517, 2523, 2526, 2527, 2528, 2529, 2531, 2533, 2534, 2538, 2541
tetrahydroshobakunine	C ₂₀ H ₂₅ NO ₄	556
tetalupine	C ₁₉ H ₁₉ NO	1889
tetramethylholarrhimine		303
tetrandrine	C ₂₈ H ₄₂ N ₂ O ₆	2244, 2313, 2315, 2321, 2339, 2351, 2358
tetraphyllicine	C ₂₀ H ₂₆ N ₂	370, 382, 396, 399, 405
tetraphylline	C ₂₂ H ₂₆ N ₂ O ₄	370, 396, 405
thalicmidine	C ₂₀ H ₂₅ NO ₄	2804
thalicmine	C ₂₁ H ₂₅ NO ₅	2804
thalictropicavine	C ₂₁ H ₂₃ NO ₄	2541
thalictrofoline	C ₂₁ H ₂₃ NO ₃	2540
thalictrine	C ₂₀ H ₂₇ NO ₄	2801, 2803
thalidrinine	C ₂₈ H ₄₅ N ₂ O ₇	2805
thalimidine	C ₂₁ H ₂₅ NO ₄	2804
thalmine	C ₂₀ H ₂₃ NO ₃	2804
thaspine	C ₂₀ H ₃₃ NO ₄	569
thebaine	C ₁₉ H ₂₁ NO ₃	401, 2190, 2578, 2584, 2585, 2587, 2589
theobromine	C ₇ H ₈ N ₂ O ₂	452, 2879, 2884, 2885, 2887, 2888, 2889, 3208, 3526, 3529, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3575
theophylline	C ₇ H ₈ N ₄ O ₂	452, 3208, 3575
thermopsine (hexalupine)	C ₁₈ H ₂₀ N ₂ O	1869, 2024, 2025
thesine		3188
tienmullimine	C ₂ H ₄ NO	2136
tienmulliminine	C ₁₄ H ₃₁ NO ₅	2136

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
tigloidine (3,6-ditigloyloxytropane).	C ₁₂ H ₂₁ NO ₂ -----	3292, 3294, 3304, 3305
3-tigloyloxytropoane.	C ₁₃ H ₂₂ NO ₂ -----	3292
tiliacorine-----	C ₃₇ H ₅₁ N ₂ O ₆ -----	2360, 2361
timbonine-----	-----	3208
todaline (chelerythrine)-----	C ₂₁ H ₁₇ NO ₄ -----	3156
todalinine-----	C ₁₉ H ₁₅ NO ₄ -----	3156
tomatidine-----	C ₂₇ H ₄₅ NO ₂ -----	3317, 3318, 3319, 3320, 3321, 3322, 3323, 3324, 3325, 3326, 3327, 3486, 3488
tomentocurine-----	-----	2309
tomentosine-----	C ₁₉ H ₂₇ NO ₇ -----	1038
tongine-----	-----	464
tournefortine-----	C ₁₃ H ₂₁ NO ₃ -----	639
toxiferine I-----	C ₂₀ H ₂₂ N ₂ O-----	2174, 2203, 2206, 2208, 2212
toxiferine II-----	C ₂₀ H ₂₂ N ₂ O ₃ -----	2208, 2212
toxiferine III-----	C ₂₀ H ₂₂ N ₂ O-----	2208
toxiferine IV-----	C ₂₀ H ₂₂ N ₂ O ₄ -----	2208
toxiferine V-----	C ₂₁ H ₂₂ N ₂ O ₃ -----	2208
toxiferine VI-----	C ₂₁ H ₂₃ N ₂ O ₅ -----	2208
toxiferine VII-----	C ₂₀ H ₂₄ N ₂ O-----	2208
toxiferine VIII-----	C ₂₂ H ₂₃ N ₂ O ₃ -----	2208
toxiferine IX-----	C ₂₁ H ₂₂ N ₂ O ₃ -----	2208
toxiferine X-----	C ₁₉ H ₂₃ N ₂ -----	2208
toxiferine XI-----	C ₂₁ H ₂₂ N ₂ O-----	2208
toxiferine XII-----	C ₂₀ H ₂₄ N ₂ O-----	2208
C-toxiferine I-----	C ₂₀ H ₂₂ N ₂ O-----	3667
C-toxiferine II (C-calebassine II).-----	C ₂₀ H ₂₂ N ₂ O-----	3667
toxiferine H-----	-----	2209
toxiferine K-----	-----	2209
trachelantamine-----	C ₁₅ H ₂₁ NO ₄ -----	633, 641
trachelantine-----	C ₁₅ H ₂₃ NO ₃ -----	633, 641
tremidine-----	-----	3593
tremine-----	-----	3593
triacanthine-----	C ₈ H ₁₀ N ₄ -----	1831
triacetonneamine-----	C ₉ H ₁₇ NO-----	1193
trianthemine-----	C ₃₂ H ₅₅ N ₂ O ₅ -----	55
tricachnine-----	-----	1359
trichodesmine-----	C ₁₈ H ₂₇ NO ₆ -----	618, 642, 1673
trichodesmine N-oxide-----	C ₁₈ H ₂₇ NO ₇ -----	642
triclisine-----	C ₃₃ H ₄₀ NO ₇ -----	2368
triclisine-----	C ₁₈ H ₃₁ NO ₁₀ -----	2368
tricocereine-----	C ₁₃ H ₂₁ NO ₃ -----	708
trigonelline-----	C ₇ H ₇ NO ₂ -----	414, 415, 416, 772, 905, 966, 1143, 1336, 1351, 1356, 1442, 1444, 1583, 1621, 1832, 1902, 1949, 2027, 2028, 2029, 2030, 2031, 2032, 2390, 2398, 2434, 2673A, 2878, 2884, 3043, 3473, 3509
trilobamine-----	C ₃₈ H ₅₈ N ₂ O ₆ -----	2321
trilobine-----	C ₃₈ H ₅₈ N ₂ O ₆ -----	2316, 2320, 2321
trilupine-----	C ₁₅ H ₂₄ N ₂ O ₃ -----	1867, 1880
1,2,3-trimethoxy-10-methylacridone.	-----	3050
trimethylconkurchine-----	C ₂₄ H ₃₈ N ₂ -----	303
1,2,6-trimethylpiperidine-----	C ₈ H ₁₇ N-----	834, 835

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table I
triosteine		773
tripterigine		807
triseclavine (setoclavine)	C ₁₆ H ₁₄ N ₂ O	1389
tropacocaine	C ₁₅ H ₁₅ NO ₂	1183, 1191
tropine	C ₈ H ₁₅ NO	3292, 3294
α -tropine		3292, 3294
tropylmornortropeine (norhyoscyamine).	C ₁₆ H ₂₁ NO ₃	3399
α - and β -truxilline	C ₂₀ H ₄₄ N ₂ O ₈	1183, 1191
tryptamine	C ₁₀ H ₁₂ N ₂	1518, 1525, 1529, 1543, 1553, 1560, 1564, 1580
tuberostemonine		3522
tubocurarine	C ₂₂ H ₄₂ NO ₄	2309
tuduranine	C ₂₃ H ₃₉ N ₂ O ₆	2337, 2347
tulipiferine	C ₁₈ H ₁₅ NO ₃	2242
tulipine		2121
turicine	C ₇ H ₁₃ NO ₃	1437, 1442
turnefortine	C ₁₃ H ₂₁ NO ₃	639
tylophorine	C ₂₄ H ₃₇ NO ₄	521, 522, 525, 527
tylophorinine	C ₂₅ H ₃₇ NO ₄	521, 527
tyramine	C ₉ H ₁₁ NO	29, 1045, 1110, 1294, 1389, 1713, 2217, 2218, 2219, 2220
uleine	C ₁₈ H ₂₂ N ₂	262A, 270
umbellatine (berberine)	C ₂₁ H ₂₁ NO ₈	547, 552, 553, 558, 560, 2748
uncarine A (formosanine)	C ₂₁ H ₂₁ N ₂ O ₄	2946, 2995, 2996
uncarine B (formosanine)	C ₂₁ H ₂₁ N ₂ O ₄	2995
undulatine (distichine)	C ₁₈ H ₂₁ NO ₅	74, 105, 160, 163, 168
ungeridine	C ₂₀ H ₂₃ NO ₄	177, 178
ungerizine	C ₁₉ H ₂₃ NO ₄	177
unn.	C ₁₀ H ₁₂ N ₄ O ₃	3
unn.	C ₁₇ H ₁₅ NO ₄	78
unn.	C ₁₉ H ₂₄ N ₂ O ₂	255
unn.	C ₂₃ H ₃₈ N ₂	303
unn.	C ₂₃ H ₂₄ N ₂	303
unn.	C ₁₈ H ₁₆ N ₂ O	341
unn.	C ₁₄ H ₁₆ N ₂	366
unn.	C ₂₄ H ₂₀ N ₂ O ₅	391
unn.	C ₂₃ H ₂₈ N ₂ O ₅	391
unn.	C ₂₄ H ₃₄ N ₂ O ₇	391
unn. I (reserpamine)	C ₂₁ H ₂₄ N ₂ O ₃	401
unn. II (ajmalicine)	C ₂₁ H ₂₄ N ₂ O ₃	401
unn.	C ₂₁ H ₂₈ N ₂ O ₃	401
unn.	C ₂₁ H ₂₂ N ₂ O ₃	408
unn.	C ₁₉ H ₂₂ N ₂ O	559
unn.	C ₂₂ H ₃₄ N ₂ O	653A, 653B
unn.	C ₁₉ H ₂₃ N ₂ O ₃	727
unn.	C ₁₄ H ₂₁ NO	727
unn.	C ₁₄ H ₂₁ NO	727
unn.	C ₉ H ₁₉ NO	727
unn.	C ₂₉ H ₃₂ NO ₁₂	799
unn.	C ₃₁ H ₃₉ NO ₁₄	799
unn.	C ₂₇ H ₃₅ NO ₁₂	799
unn.	C ₁₅ H ₂₄ NO ₆	975
unn.	C ₁₈ H ₂₇ NO ₆	982
unn.	C ₈ H ₁₅ NO ₂	988
unn.	C ₁₈ H ₂₇ NO ₆	995
unn.	C ₁₃ H ₂₁ NO ₈	1030
unn.	C ₈ H ₁₂ NO	1030
unn.	C ₁₃ H ₂₁ NO ₂	1147

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
unn.	C ₂₂ H ₃₈ N ₂ O ₂	1262
unn.	C ₁₆ H ₁₂ - ₁₂ NO ₂	1280, 1283, 1289, 1386
unn.	C ₂₀ H ₂₃ NO ₂	1462
unn.	C ₂₀ H ₂₃ NO ₄	1464
unn.	C ₁₈ H ₁₉ NO ₄	1464
unn.	C ₁₄ H ₁₉ NO ₃	1474
unn.	C ₁₆ H ₂₃ N ₂ O ₆	1510
unn.	C ₁₄ H ₁₉ NO ₃	1651
unn.	C ₁₂ H ₁₈ N ₂ O ₂	1667
unn.	C ₁₂ H ₂₃ N ₂ O	1702
unn.	C ₁₆ H ₂₄ N ₂ O ₂	1880
unn.	C ₁₅ H ₂₀ N ₂ O ₂	1885
unn.	C ₁₅ H ₂₄ N ₂ O	1890
unn.	C ₁₆ H ₂₂ N ₂ O ₂	1926
unn.	C ₁₈ H ₂₀ N ₂ O ₅	2033
unn.	C ₂₇ H ₄₅ NO ₃	2087
unn.	C ₂₇ H ₃₉ NO ₃	2125
unn.	C ₂₅ H ₄₉ NO ₄	2125
unn.	C ₂₇ H ₄₃ NO ₇	2125
unn.	C ₂₉ H ₄₇ NO ₂	2135
unn.	C ₂₇ H ₄₃ NO ₇	2137
unn.	C ₂₀ H ₂₄ N ₂ O ₄	2153
unn.	C ₂₀ H ₂₂ - ₂₄ N ₂ O ₃	2153
unn.	C ₂₁ H ₂₄ N ₂ O ₃	2153
unn.	C ₂₃ H ₂₈ N ₂ O ₃	2179
unn.	C ₂₄ H ₃₀ N ₂ O ₆	2179
unn.	C ₂₃ H ₂₈ N ₂ O ₄	2211
unn.	C ₁₀ H ₁₄ NO	2222
unn.	C ₁₆ H ₂₅ NO	2222
unn.	C ₁₆ H ₂₁ NO ₃	2222
unn.	C ₁₇ H ₂₅ NO ₂	2222
unn.	C ₁₇ H ₂₅ NO ₃	2222
unn.	C ₁₈ H ₂₆ NO ₃	2222
unn.	C ₁₈ H ₂₆ NO ₄	2222
unn.	C ₁₂ H ₂₀ NO ₂	2243
unn.	C ₂₂ H ₂₈ N ₂ O ₄	2327
unn.	C ₁₈ H ₁₉ NO ₃	2352
unn.	C ₃₈ H ₅₈ N ₂ O ₇	2357
unn.	C ₃₈ H ₄₀ N ₂ O ₇	2357
unn.	C ₂₀ H ₁₇ NO ₄	2509
unn.	C ₂₀ H ₁₅ NO ₄	2509
unn.	C ₂₁ H ₃₃ NO ₆	2509
unn.	C ₂₁ H ₁₉ NO ₆	2509
unn.	C ₁₈ H ₂₄ N ₂ O	2513
unn.	C ₂₀ H ₁₇ NO ₄	2514
unn.	C ₂₁ H ₁₈ N ₂ O ₈	2519
unn.	C ₆ H ₉ NO	2534
unn.	C ₁₈ H ₂₂ NO ₅	2536
unn.	C ₂₁ H ₂₃ NO ₇	2541
unn.	C ₂₁ H ₂₁ NO ₈	2541
unn.	C ₂₁ H ₂₃ NO ₆	2541
unn.	C ₂₁ H ₁₉ NO ₆	2556
unn.	C ₁₉ H ₁₉ NO ₆	2587
unn.	C ₇ H ₉ NO	2681
unn.	C ₉ H ₁₇ NO ₂	2681
unn.	C ₁₀ H ₁₉ NO ₂	2681
unn.	C ₃₀ H ₄₇ NO ₇	2693
unn.	C ₂₇ H ₅₁ NO ₆	2718
unn.	C ₂₆ H ₃₄ N ₂ O ₂	2718
unn.	C ₂₀ H ₂₇ NO ₂	2736
unn.	C ₃₁ H ₅₁ NO ₅	2760

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table I
unn.	C ₂₀ H ₂₉ NNO ₅	2775
unn.	C ₂₃ H ₂₈ N ₂ O ₄	2811
unn.	C ₂₃ H ₂₆ NNO ₅	2815
unn.	C ₁₉ H ₂₇ NNO ₃	2842
unn.	C ₁₉ H ₂₁ NNO ₅	3034A
unn.	C ₉ H ₁₇ NO	3066A
unn.	C ₂₀ H ₁₀ NO ₄	3066A
unn.	C ₂₃ H ₂₅ NNO ₅	3068
unn.	C ₁₉ H ₁₃ NNO ₂	3085
unn.	C ₂₂ H ₁₉ N ₂ O ₃	3105
unn.	C ₁₁ H ₈ N ₂ O	3129
unn.	C ₁₅ H ₂₀ - ₂₂ NNO ₄	3292
unn.	C ₂₇ H ₄₃ NNO ₂	3481
unn.	C ₂₂ H ₃₃ NNO ₄	3521
unn.	C ₂₁ N ₃₇ N ₃	3608
unn.	C ₁₀ H ₁₅ N	3619
urceoline	C ₁₉ H ₂₆ NNO ₅	181
urmicine	C ₁₉ H ₂₂ N ₂ O ₅	74A, 181
usaramoensine	C ₁₈ H ₂₆ NNO ₅	1686
ustilaginine		3618
ustilagotoxine		3618
valerine		3619
valeroidine	C ₁₃ H ₂₃ NNO ₃	3305
vallesine	C ₂₁ H ₂₃ N ₂ O ₂	429, 430
valtotidine	C ₁₈ H ₂₁ NNO ₅	182
valtottine	C ₁₇ H ₁₉ NNO ₄	182
valtropine	C ₁₃ H ₂₃ NNO ₂	3304
vanillylveracevine	C ₂₅ H ₄₉ NO ₁₁	2114
vanillylzygadenine	C ₃₅ H ₄₂ NO ₁₀	2141, 2143
vasicine (peganine)	C ₂₁ H ₁₂ N ₂ O	2, 9, 3128, 3661
veatchine	C ₂₂ H ₃₃ NNO ₂	1098
vellosine	C ₂₅ H ₂₈ N ₂ O ₄	299
veneficine		2335, 3161
veracevine	C ₂₇ H ₄₃ NNO ₃	2114
veragenine	C ₃₁ H ₄₃ - ₄₅ NNO ₁₃	2136
veragermine	C ₃₁ H ₅₃ NNO ₁₃	2114
veralbidine	C ₂₇ H ₄₁ NNO ₁₂	2125
veratetetrine (protoveratrine B)	C ₄₁ H ₆₃ NNO ₁₅	2125, 2135
veratramine	C ₂₇ H ₃₃ NNO ₂	2125, 2127, 2129, 2134, 2135
veratridine	C ₃₉ H ₅₁ NNO ₁₁	2114, 2125, 2135
veratrime		3236
veratrobasine	C ₂₄ H ₃₇ NNO ₃	2125
veratrosine	C ₃₃ H ₄₉ NNO ₆	2127, 2135
veratroylzygadenine	C ₃₅ H ₅₁ NNO ₁₀	2125, 2127, 2128, 2132, 2141, 2143
verine	C ₂₅ H ₂₉ NNO ₂	2125
verticilline	C ₁₉ H ₃₃ NNO ₂	2086
verticine	C ₁₈ H ₂₃ NNO ₃	2086
vicine	C ₁₀ H ₁₈ N ₄ O ₇	2038
villalstonine	C ₄₀ H ₅₀ N ₄ O ₄	240, 244, 247, 248
vinaline		1971, 1972
vincaine (ajmalicine)	C ₂₁ H ₂₄ N ₂ O ₃	432
vincaleucoblastine		438
vincamajine	C ₂₂ H ₂₉ N ₂ O ₃	427, 435
vincamajoreine	C ₂₁ H ₂₈ N ₂ O ₂	435
vincamajoridine (akuammicine)	C ₂₂ H ₂₈ N ₂ O ₂	435
vincamedine	C ₂₄ H ₂₈ (₂₉)N ₂ O ₄	431
vincamine	C ₂₁ H ₂₈ N ₂ O ₃	436, 438
vincaminorine	C ₂₂ H ₃₀ N ₂ O ₂	436
vincanidine	C ₂₀ H ₂₄ N ₂ O ₃	432

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
vincanine	C ₁₉ H ₂₂ N ₂ O	432
vincarosine		324
vinceine (ajmalicine)	C ₂₁ H ₂₄ N ₂ O ₃	438
vindoline	C ₂₃ H ₂₂ N ₂ O ₆	438
vindolinine	C ₂₁ H ₂₄ - ₂₅ N ₂ O ₂	438
vinine	C ₁₉ H ₂₆ N ₂ O ₄	436, 437
virgilidine	C ₁₀ H ₁₉ NO	2040
virgiline	C ₁₉ H ₂₆ N ₂ O ₂	2040
viridiflorine	C ₁₅ H ₂₇ NO ₄	612
virosin		438
vittatine	C ₁₆ H ₁₇ NO ₃	133, 137, 161, 170
voacastricine	C ₂₂ H ₂₄ - ₂₆ N ₂ O ₄	439
voacafrine	C ₂₂ H ₂₆ N ₂ O ₄	439
voacamidine	C ₁₆ H ₃₅ N ₄ O ₆	439
voacamidine (voacanginine)	C ₁₈ H ₃₅ N ₄ O ₆	412, 439, 442, 443
voacamidine		439
voacangarine	C ₂₂ H ₂₈ N ₂ O ₄	439
voacangine	C ₂₂ H ₂₈ N ₂ O ₃	412, 439, 440A, 442, 443
voacangininine (voacamine)	C ₁₆ H ₃₅ N ₄ O ₆	439
voacorine	C ₁₆ - ₁₈ H ₃₄ - ₃₅ N ₄ O ₇	439, 440
voacristine	C ₁₆ H ₃₅ N ₄ O ₈	439
voacryptine	C ₂₂ H ₂₆ N ₂ O ₄	439
vobasine	C ₂₁ H ₂₄ N ₂ O ₃	439
vobtusine	C ₆ H ₃₀ N ₄ O ₇	439, 440A, 442, 443
vomalidine	C ₂₁ H ₂₂ N ₂ O ₃	408
vomicine	C ₂₂ H ₂₄ N ₂ O ₄	2193
wilfodeine	C ₄₃ H ₄₉ NO ₁₉	807
wilforgine	C ₆₁ H ₄₇ NO ₁₉	807
wilfordine		807
wilforine		807
wilfortrine	C ₄₁ H ₄₇ NO ₂₀	807
wilforzine	C ₄₁ H ₄₇ NO ₁₇	807
withananine		3517
withanamine		3517
withanine	C ₃₄ H ₆₀ N ₂ O ₁₂	3517
β -withanine		3517
worenine	C ₂₀ H ₁₉ NO ₄	2746
wuchuyine	C ₁₃ H ₁₅ NO ₂	3058
xanthaline	C ₂₀ H ₁₉ NO ₆	2589
α - and β -xanthanine	C ₂₄ H ₂₅ NO ₆	3165, 3169
xanthevodine	C ₁₆ H ₁₃ NO ₅	3060
C-xanthocurine	C ₂₀ H ₂₀ N ₂ O	2212, 3667
xanthofagarine	C ₁₈ H ₂₂ NO ₈	3064
xanthorhammine		1220
xanthoxoline	C ₁₅ H ₁₃ NO ₄	3060, 3167
xylopine		230
xylopinine		230
yatanine	C ₁₅ H ₂₁ NO ₅	3254
yemensine	C ₂₁ H ₂₆ N ₂ O ₈	105
yohimbine (quebrachine)		238, 264, 266, 267, 323, 366, 374, 378, 401, 403 408, 1197, 1198, 2891, 2893, 2950, 2951, 2952, 3230
α -yohimbine (corynanthidine)	C ₂₁ H ₂₈ N ₂ O ₃	306, 378, 408, 2894
β -yohimbine (amsonine)	C ₂₁ H ₂₆ N ₂ O ₃	255, 366, 2894, 2959
γ -yohimbine	C ₂₁ H ₂₆ N ₂ O ₃	401, 2894
δ -yohimbine (ajmalicine)	C ₂₁ H ₂₄ N ₂ O ₃	323, 363, 371, 372, 374, 383, 401, 403, 406, 438

Table 2.—*Alkaloids and the plants in which they occur—Con.*

Alkaloid	Formula	Plant entry No. in table 1
5-yohimbine, 11 Me O	C ₂₁ H ₂₆ N ₂ O ₄	401
ψ-yohimbine	C ₂₁ H ₂₅ N ₂ O ₄	366, 405
yulocrotine	C ₁₉ H ₂₄ N ₂ O ₃	1241, 1242, 1243
zapotidine	C ₇ H ₉ N ₃ S	3033
zeravschaniine	C ₂₂ H ₂₄ NO	2723
zeravschanine	C ₂₂ H ₂₅ NO ₅	2723
zygacine	C ₂₉ H ₄₅ NO ₈	2141, 2143
zygadenine	C ₃₃ H ₄₅ NO ₁₀	2137, 2138, 2139, 2140, 2141, 2143
zygofabagine	C ₁₃ H ₁₅ N ₂	3666

END