



Zootaxa 3775 (1): 001–065
www.mapress.com/zootaxa/

Copyright © 2014 Magnolia Press

Monograph

ISSN 1175-5326 (print edition)

ZOOTAXA

ISSN 1175-5334 (online edition)

<http://dx.doi.org/10.11646/zootaxa.3775.1.1>

<http://zoobank.org/urn:lsid:zoobank.org:pub:D9FF6080-0316-4433-ABB8-7D6D6F2BF24B>

ZOOTAXA

3775

The genus *Cerithidea* Swainson, 1840 (Gastropoda: Potamididae) in the Indo-West Pacific region

DAVID G. REID

Department of Life Sciences, Natural History Museum, London SW7 5BD, United Kingdom. E-mail: dgr@nhm.ac.uk



Magnolia Press
Auckland, New Zealand

Accepted by M. deMaintenon: 29 Jan. 2014; published: 12 Mar. 2014

DAVID G. REID

The genus *Cerithidea* Swainson, 1840 (Gastropoda: Potamididae) in the Indo-West Pacific region
(*Zootaxa* 3775)

65 pp.; 30 cm.

12 Mar. 2014

ISBN 978-1-77557-352-4 (paperback)

ISBN 978-1-77557-353-1 (Online edition)

FIRST PUBLISHED IN 2014 BY

Magnolia Press

P.O. Box 41-383

Auckland 1346

New Zealand

e-mail: zootaxa@mapress.com

<http://www.mapress.com/zootaxa/>

© 2014 Magnolia Press

All rights reserved.

No part of this publication may be reproduced, stored, transmitted or disseminated, in any form, or by any means, without prior written permission from the publisher, to whom all requests to reproduce copyright material should be directed in writing.

This authorization does not extend to any other kind of copying, by any means, in any form, and for any purpose other than private research use.

ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)

Table of contents

Abstract	3
Introduction	3
Material and methods	5
Excluded and doubtful species	7
Systematic descriptions	9
Genus <i>Cerithidea</i> Swainson, 1840	9
<i>Cerithidea weyersi</i> Dautzenberg, 1899	13
<i>Cerithidea houbricki</i> new species	17
<i>Cerithidea balteata</i> A. Adams, 1855	18
<i>Cerithidea sinensis</i> (Philippi, 1848)	23
<i>Cerithidea charbonnieri</i> (Petit de la Saussaye, 1851)	25
<i>Cerithidea obtusa</i> (Lamarck, 1822)	27
<i>Cerithidea anticipata</i> Iredale, 1929	32
<i>Cerithidea reidi</i> Houbrick, 1986	36
<i>Cerithidea quoyii</i> (Hombron & Jacquinot, 1848)	37
<i>Cerithidea dohrni</i> (Kobelt, 1890)	39
<i>Cerithidea andamanensis</i> new species	42
<i>Cerithidea decollata</i> (Linnaeus, 1767)	43
<i>Cerithidea tonkiniana</i> Mabille, 1887	47
<i>Cerithidea rhizophorarum</i> A. Adams, 1855	50
<i>Cerithidea moerchii</i> (A. Adams in G.B. Sowerby II, 1855)	52
Acknowledgements	55
References	56
Taxonomic index	65

Abstract

Members of the genus *Cerithidea* are common components of the fauna of mangrove forests, tidal swamps and salt marshes in the Indo-West Pacific province, in marine and brackish conditions. The snails typically rest on the trunks of trees and other vegetation and migrate to the substrate to feed at low tide. In many areas mangrove habitats are under threat and some *Cerithidea* species are therefore considered to be endangered. In current taxonomic literature, ten species are recognized on the basis of shell morphology. A recently published molecular phylogenetic analysis has increased this to fifteen. The present study is a systematic account of these fifteen recognized species. Of these, two are newly described: *C. houbricki* and *C. andamanensis*. The species accounts include full synonymies, detailed descriptions of shells based on 621 museum samples, descriptions of living animals, distribution records and maps, reviews of habitat and ecology, and notes on conservation status.

Key words: COI, molecular phylogeny, mangrove, shell variation, endangered species

Introduction

For marine molluscs the mangrove forest is a physically challenging environment, characterized by a three-dimensional structure of trunks, roots and branches, by acidic and anoxic soil, and by variable salinity resulting from intermittent tidal inundation, evaporation in the tropical sun and heavy rainfall. Primary productivity is high, but leaves are a refractory food source and algal growth is restricted by the heavy shade of the tree canopy, so organic material is available mainly as detritus on the mud surface. In addition there is usually intense predation by crabs and fish and sometimes by terrestrial vertebrates. Nevertheless, a small number of molluscs show an obligate association with mangrove habitats, being variously dependent on the trees for substrate, food, shade or protection from marine predators (e.g. Vermeij 1973; Plaziat 1984; Reid 1986a; Glaubrecht 1997; Plaziat *et al.* 2001; Lozouet & Plaziat 2008). Of gastropods, these mangrove-associated species include less than 20 worldwide members of the otherwise large and ecologically diverse families Neritidae, Muricidae and Cerithiidae, and perhaps 200 or more of the relatively poorly studied Ellobiidae, Onchidiidae and Rissooidea. Taxonomically, the most well known of the mangrove gastropods are the Littorinidae (about 35 mangrove-associated species: Reid 1986a, b, 1999, 2001;

Goud (RMNH), A. Miller (AM) and E.E. Strong (USNM). I am grateful to the following curators and staff for access to the collections in their care: P. Bouchet and V. Héros (MNHN), M. Glaubrecht (MZB), J. Goud (RMNH), A. Miller (AM), G. Rosenberg (ANSP), B. Sirenko (ZISP), E.E. Strong (USNM) and V. Vongpanich (PMBC). Photographs were generously provided by B. Craig (NHMUK), H. Fukuda (Okayama University), S. Hof and R. Janssen (SMF), P. Maestrati and V. Héros (MNHN), D. Riek (www.roboastra.com) and S.K. Tan (Raffles Museum of Biodiversity Research, Singapore). All other images of shells were expertly made by H. Taylor (NHMUK). I thank two referees for their careful reading and helpful comments.

References

- Abbott, R.T. (1974) *American Seashells*. Ed. 2. Van Nostrand Reinhold, New York, 663 pp.
- Adams, A. (1855) A monograph of *Cerithidea*, a genus of Mollusca, with descriptions of several new species, from the collection of High Cuming, Esq.: to which are added, descriptions of two new species of *Colina*, and one of *Donax*. *Proceedings of the Zoological Society of London*, 1854, 83–87.
<http://dx.doi.org/10.1111/j.1469-7998.1854.tb07236.x>
- Adams, A. & Reeve, L. (1848–1850) Mollusca. In: Adams, A. (Ed.), *The Zoology of the Voyage of H.M.S. Samarang*. Reeve, Benham & Reeve, London, x + 87 pp.
- Adams, H. & Adams, A. (1853–1854) *The Genera of Recent Mollusca; Arranged According to their Organization, Vol. I*. John van Voorst, London, xl, 1–256 pp. (1853), 257–484 pp. (1854).
- Ahmed, A.T.A., & Mahmoud, M.M. (2007) Family Potamididae. In: Siddiqui, K.U., Islam, M.A., Kabir, S.M.H., Ahmad, M., Ahmed, A.T.A., Rahman, A.K.A., Haque, E.U., Ahmed, Z.U., Begum, Z.N.T., Hassan, M.A., Khondker, M. & Rahman, M.M. (Eds.), *Encyclopedia of Flora and Fauna of Bangladesh. Vol. 17. Molluscs*. Asiatic Society of Bangladesh, Dhaka, pp. 9, 10, 93–98.
- Allan, J. (1950) *Australian Shells*. Georgian House, Melbourne, 470 pp.
- Avise, J.C. (2004) *Molecular Markers, Natural History, and Evolution*. Edition 2. Sinauer Associates, Sunderland, MA, 684 pp.
- Barber, P.H., Erdmann, M.V. & Palumbi, S.R. (2006) Comparative phylogeography of three codistributed stomatopods: origins and timing of regional lineage diversification in the Coral Triangle. *Evolution*, 60, 1825–1839.
<http://dx.doi.org/10.1111/j.0014-3820.2006.tb00526.x>
- Barnard, K.H. (1963) Contributions to the knowledge of South African marine Mollusca. Part III. Gastropoda: Prosobranchiata: Taenioglossa. *Annals of the South African Museum*, 47, 1–199.
- Bequaert, J.C. (1942a) *Cerithidea* and *Batillaria* in the western Atlantic. *Johnsonia*, 5, 1–11.
- Bequaert, J.C. (1942b) Random notes on American Potamididae. *Nautilus*, 56, 20–30.
- Berry, A.J. (1963) Faunal zonation in mangrove swamps. *Bulletin of the National Museum of Singapore*, 32, 90–98.
- Berry, A.J. (1972) The natural history of West Malaysian mangrove faunas. *Malayan Nature Journal*, 25, 135–162.
- Biggs, H.E.J. (1965) Mollusca from the Dahlak Archipelago, Red Sea. *Journal of Conchology*, 25, 337–341.
- Blainville, H.M.D. de (1828–1830) Malacozoaires. In: Vieillot, L.J.P. (Ed.), *Faune Française*. F.-G. Levrault, Paris, livrs 18 (pp. 1–80, 1828), 20 (pp. 81–160, 1829), 23 (pp. 161–240, 1829), 28 (pp. 241–320, 1830).
- Boettger, O. (1890a) Ad. Strubell's Konchylien aus Java I. *Bericht über die Senckenbergische naturforschende Gesellschaft in Frankfurt am Main*, 1890, 137–173.
- Boettger, O. (1890b) Zur Kenntnis der Land- und Süßwasser-Mollusken von Nossi-Bé. II. *Nachrichtsblatt der Deutschen Malakozoologischen Gesellschaft*, 22, 81–101.
- Born, I. von (1778) *Index Rerum Naturalium Musei Caesari Vindobonensis. Pars I, Testacea*. Kraus, Vienna, 458 pp.
- Brandt, R.A.M. (1974) The non-marine aquatic Mollusca of Thailand. *Archiv für Molluskenkunde*, 105, 1–423.
- Brown, D.S. (1971) Ecology of Gastropoda in a South African mangrove swamp. *Proceedings of the Malacological Society of London*, 39, 263–278.
- Brown, D.S. (1994) *Freshwater Snails of Africa and their Medical Importance*. Ed. 2. Taylor & Francis, London, x + 609 pp.
- Bruguière, J.G. (1789–1792) Histoire naturelle des vers, Vol. 1. In: *Encyclopédie Methodique*. Paris, xviii + 757 pp.
- Cantraine, F.J. (1835) Diagnoses ou descriptions succinctes de quelques espèces nouvelles de mollusques. *Bulletin de l'Académie Royale des Sciences et Belles-lettres de Bruxelles*, 2, 380–401.
- Carpenter, K.E., Barber, P.H., Crandall, E.D., Ablan-Lagman, M.C.A., Ambariyanto, Mahardika, G.N., Manjaji-Matsumoto, B.M., Juinio-Meñez, M.A., Santos, M.D., Starger, C.J. & Toha, A.H.A. (2011) Comparative phylogeography of the Coral Triangle and implications for marine management. *Journal of Marine Biology*, 2011, Article ID 396982, 1–14.
<http://dx.doi.org/10.1155/2011/396982>
- Casto de Elera, R.P. (1896) *Catálogo Sistemático de Toda la Fauna de Filipinas, Vol. 3. Moluscos y Radiados*. Colegio de Santo Tomás, Manila, 942 + lxiv pp.
- Cawston, F.G. (1922) Some molluscan inhabitants of the Natal lagoons. *South African Journal of Science*, 19, 277–279.
- Cecalupo, A. (2005) Elenco della famiglia Cerithiidae Férussac, 1822 (Prosobranchia). Nomenclatura delle specie conosciute o

- poco note e relativa revisione sistematica. Fossili e Attuali. Vol. I. *Quaderni della Civica Stazione Idrobiologica di Milano*, 26, 1–366.
- Cecalupo, A. (2006) Elenco della famiglia Cerithiidae Férussac, 1822 (Prosobranchia). Nomenclatura delle specie conosciute o poco note e relativa revisione sistematica. Attuali. Vol. II. *Quaderni della Civica Stazione Idrobiologica di Milano*, 27, 1–373.
- Cernohorsky, W.O. (1972) *Marine Shells of the Pacific. Vol. 2*. Pacific Publications, Sydney, 411 pp.
- Chenu, J.C. (1859) *Manuel de Conchyliologie. Vol. 1*. G. Masson, Paris, vii + 508 pp.
- Choe, B.L. (1992) *Mollusca (II). Illustrated Encyclopaedia of Fauna and Flora of Korea. Vol. 33*. Ministry of Education, Republic of Korea, 860 pp.
- Clark, P.F. & Crosnier, A. (2000) The zoology of the *Voyage au pôle Sud et dans l'Océanie sur les corvettes l'Astrolabe et la Zélée exécuté par ordre du roi pendant les années 1837–1838–1839–1840 sous le commandement de M. Dumont-d'Urville (1842–1854)*: titles, volumes, plates, text, contents, proposed dates and anecdotal history of the publication. *Archives of Natural History*, 27, 407–435.
<http://dx.doi.org/10.3366/anh.2000.27.3.407>
- Cockcroft, V.G. & Forbes, A.T. (1981a) Tidal activity rhythms in the mangrove snail *Cerithidea decollata* (Linn.) (Gastropoda: Prosobranchia: Cerithiidae). *South African Journal of Zoology*, 16, 5–9.
- Cockcroft, V.G. & Forbes, A.T. (1981b) Growth, mortality, and longevity of *Cerithidea decollata* (Linnaeus) (Gastropoda: Prosobranchia) from Bayhead mangroves, Durban Bay, South Africa. *Veliger*, 23, 300–308.
- Cossmann, M. (1906) *Essais de Paléoconchologie Comparée, Vol. 7*. Rudeval, Paris, 261 pp.
- Coyne, J.A. & Orr, H.A. (2004) *Speciation*. Sinauer Associates, Sunderland, MA, xiii + 545 pp.
- Crosse, H. & Fischer, P. (1864) Faune malacologique de Cochinchine.—Premier supplément. *Journal de Conchyliologie*, 12, 322–338.
- Crosse, H. & Fischer, P. (1890) Mollusques marins de la Baie d'Halong (Tonkin). *Journal de Conchyliologie*, 38, 14–19.
- Dance, S.P. (1986) *A History of Shell Collecting*. E.J. Brill, Leiden, vi + 265 pp.
- Dautzenberg, P. (1899) Contribution à la faune malacologique de Sumatra (récoltes de M. J.-L. Weyers). *Annales de la Société Royale Malacologique de Belgique*, 34, 1–26.
- Dautzenberg, P. (1923) Liste préliminaire des mollusques testacés marins de Madagascar et description de deux espèces nouvelles. *Journal de Conchyliologie*, 68, 21–74.
- Dautzenberg, P. (1929) Mollusques testacés marins de Madagascar. *Faune des Colonies françaises*, 3, 321–636.
- Dautzenberg, P. & Fischer, H. (1905) Liste des mollusques récoltés par M. le Capitaine de Frégate Blaise au Tonkin, et description d'espèces nouvelles. *Journal de Conchyliologie*, 53, 85–234.
- Dautzenberg, P. & Fischer, H. (1906) Liste des mollusques récoltés par M. H. Mansuy en Indo-Chine et au Yunnan et description d'espèces nouvelles. *Journal de Conchyliologie*, 53, 343–471.
- Day, J.H. (1974) The ecology of Morrumbene estuary, Moçambique. *Transactions of the Royal Society of South Africa*, 41, 43–97.
<http://dx.doi.org/10.1080/00359197409519438>
- Deshayes, G.P. (1843) *Histoire Naturelle des Animaux sans Vertèbres... par J.B.P.A. de Lamarck. Vol. 9. 2nd ed.* J.-B. Baillière, Paris, 728 pp.
- Deshayes, G.P. (1863) Catalogue des mollusques de l'Île de La Réunion. In: Maillard, L. (Ed.), *Notes sur l'Île de La Réunion*. Dentu, Paris, pp. E1–E240.
- Dey, A. (2006) *Handbook on mangrove associate molluscs of Sundarbans*. Zoological Survey of Inida, Kolkata, xi + 96 pp.
- Dharma, B. (2005) *Recent & Fossil Indonesian Shells*. ConchBooks, Hackenheim, 424 pp.
- Dillwyn, L.W. (1817) *A Descriptive Catalogue of Recent Shells. Vol. 2*. J. & A. Arch, London, pp. 581–1002.
- Dodge, H. (1957) A historical review of the mollusks of Linnaeus. Part 5. The genus *Murex* of the class Gastropoda. *Bulletin of the American Museum of Natural History*, 113, 73–224.
- Doi, H., Matsumasa, M., Fujikawa, M., Kanou, K., Suzuki, T. & Kikuchi, E. (2009) Macroalgae and seagrass contribution to gastropods in sub-tropical and temperate tidal flats. *Journal of the Marine Biological Association of the United Kingdom*, 89, 399–404.
<http://dx.doi.org/10.1017/s0025315408002683>
- Fan, C. (Ed.) (1989) *Mollusca of Huanghai and Bohai*. Nongye Chubanshe, Agricultural Publishing House, Beijing, 309 pp.
- Fischer, P. (1880–1887) *Manuel de Conchyliologie*. F. Savy, Paris, 896 pp.
- Fischer, P. (1891) Catalogue et distribution géographique des mollusques terrestres, fluviatiles et marins d'une partie de l'Indo-Chine (Siam, Laos, Cambodge, Annam, Tonkin). *Bulletin de la Société d'Histoire Naturelle d'Autun*, 4, 84–276.
- Fischer, H. & Dautzenberg, P. (1904) Catalogue des mollusques terrestres et fluviatiles de l'Indo-Chine orientale cistes jusqu'à ce jour. In: Pavie, A. (Ed.), *Mission Pavie Indo-Chine 1879–1895. Études Diverses. III. Recherches sur l'Histoire Naturelle de l'Indo-Chine Orientale*. E. Leroux, Paris, pp. 390–450.
- Fischer-Piette, E. & Vukadinovic, D. (1973) Sur les mollusques fluviatiles de Madagascar. *Malacologia*, 12, 339–378.
- Frith, D.W., Tantanasiwong, R. & Bhatia, O. (1976) Zonation of macrofauna on a mangrove shore, Phuket Island. *Research Bulletin of the Phuket Marine Biological Center*, 10, 1–37.
- Fukuda, H. (1996) Gastropoda. In: Hanawa, S. & Sakuma, H. (Eds.), *Present Status of Estuarine Locales and Benthic Invertebrates Occurring in Estuarine Environment in Japan*. WWF Japan Science Report, 3, 11–63.

- Fukuda, H. (2000) Gastropods I: general view. In: Sato, M. (Ed.), *Life in Ariake Sea: Biodiversity in Tidal Flats and Estuaries*. Kaiyu-sha, Tokyo, pp. 213–252.
- Fujita, M.K., Leaché, A.D., Burbrink, F.T., McGuire, J.A. & Moritz, C. (2012) Coalescent-based species delimitation in an integrative taxonomy. *Trends in Ecology and Evolution*, 27, 480–488.
<http://dx.doi.org/10.1016/j.tree.2012.04.012>
- Fukuda, H. & Kimura, S. (2012) *Cerithidea (Cerithidea) ornata* Sowerby II, 1855. In: Japanese Association of Benthology (Ed.), *Threatened Animals of Japanese Tidal Flats: Red Data Book of Seashore Benthos*. Tokai University Press, Hadano, pp. 29.
- Gaither, M.R. & Rocha, L.A. (2013) Origins of species richness in the Indo-Malay-Philippine biodiversity hotspot: evidence for the centre of overlap hypothesis. *Journal of Biogeography*, 40 (9), 1638–1648.
<http://dx.doi.org/10.1111/jbi.12126>
- Glaubrecht, M. (1997) Ökologie von Mangroven und Mangroveschnecken. *Natur und Museum*, 127, 285–305.
- Gmelin, J.F. (1791) *Caroli a Linné...Systema Naturae per Regna Tria Naturae. Ed. 13. Vol. 1. Part 6*. Leipzig, pp. 3021–3910.
- Grabau, A.W. & King, S.G. (1928) *Peking Society of Natural History, Handbook no. 2. Shells of Peitaiho*. Edition 2. Peking, Peking Laboratory of Natural History, vi + 279 pp.
- Gray, J.E. (1847) A list of the genera of recent Mollusca, their synonyma and types. *Proceedings of the Zoological Society of London*, 1847, 129–219.
- Griffith, E. & Pidgeon, E. (1833–1834) The Mollusca and Radiata. In: Griffith, E., (Ed.) *The Animal Kingdom arranged in conformity with its organization, by the Baron Cuvier, Vol. 12*. Whittaker & Co., London, viii + 601 pp.
- Haas, F. (1929) Die Binnenmollusken der Voeltzkow'schen Reisen in Ostafrika und den ostafrikanischen Inseln. *Zoologische Jahrbücher*, 57, 389–430.
- Habe, T. (1955) Spawning of *Cerithidea djadjariensis* and *C. rhizophorarum*. *Venus*, 18, 204–205.
- Habe, T. (1968) *Shells of the Western Pacific in Color. Vol. 2. 2nd ed.* Hoikusha, Osaka, 233 pp.
- Habe, T. & Kosuge, S. (1966) *Shells of the World in Colour, Vol. II. The Tropical Pacific*. Hoikusha, Osaka, vii + 193 pp.
- Habe, T. & Kosuge, S. (1967) *The Standard Book of Japanese Shells in Colour, Vol. III*. Hoikusha, Osaka, xviii + 223 pp.
- Haldeman, S.S. (1840–1845) *A Monograph of the Limniades and Other Freshwater Univalve Shells of North America*. J. Dobson, Philadelphia. 8 parts, genera separately paginated + unpaginated covers.
- Hamli, H., Idris, M.H., Abu Hena, M.K., Wong, S.K. & Arshad, A. (2013) Checklist and habitat of edible gastropods from Sarawak, Malaysia. *Journal of Fisheries and Aquatic Sciences*, 8, 412–418.
<http://dx.doi.org/10.3923/jfas.2013.412.418>
- Hanley, S. (1855) *Ipsa Linnaei Conchylia. The Shells of Linnaeus, Determined from his Manuscripts and Collection*. Williams and Norgate, London, 556 pp.
- Hanley, S. (1856) *Index Testaceologicus, an Illustrated Catalogue of British and Foreign Shells, by W. Wood. A New and Entirely Revised Edition*. Willis & Sotheran, London, x + 234 pp.
- Harasewych, M.G. & Kabat, A.R. (1995) Richard S. Houbrick (1937–1993): biographical sketch and malacological contributions. *Nautilus*, 108, 61–66.
- Hasegawa, K. (2000) Family Potamididae. In: Okutani, T., (Ed.), *Marine Mollusks in Japan*. Tokai University Press, Tokyo, pp. 133–134.
- Healy, J.M. (1983) Ultrastructure of euspermatozoa of cerithiacean gastropods (Prosobranchia: Mesogastropoda). *Journal of Morphology*, 178, 57–75.
<http://dx.doi.org/10.1002/jmor.1051780105>
- Hedley, C. (1909) The marine fauna of Queensland. *Proceedings of the Australasian Association for the Advancement of Science, Section D Biology*, 1909, 329–371.
- Hidalgo, J.G. (1904–1905) *Catalogo de los moluscos testáceos de las Islas Filipinas, Joló y Marianas. I.—Moluscos marinos*. Gaceta de Madrid, Madrid, xvi + 408 pp.
- Higo, S. (1973) *A Catalogue of Molluscan Fauna of the Japanese Islands and the Adjacent Area*. Isahaya, 397 + 61 pp.
- Higo, S., Callomon, P. & Goto, Y. (1999) *Catalogue and Bibliography of the Marine Shell-Bearing Mollusca of Japan*. Elle Scientific Publications, Osaka, 749 pp.
- Higo, S., Callomon, P. & Goto, Y. (2001) *Catalogue and Bibliography of the Marine Shell-Bearing Mollusca of Japan. Gastropoda. Bivalvia. Polyplacophora. Scaphopoda. Type Figures*. Elle Scientific Publications, Osaka, 208 pp.
- Higo, S. & Goto, Y. (1993) *A Systematic List of Molluscan Shells from the Japanese Islands and the Adjacent Areas*. Eru Malacological Publisher, Osaka, 3 + 22 + 693 + 13 + 149 pp.
- Hinton, A.G. (1978) *Guide to Australian Shells*. Robert Brown, Port Moresby, 82 pp.
- Hirase, S. (1934) *A Collection of Japanese Shells with Illustrations in Natural Colours*. M. Sanshodo, Tokyo, 217 pp.
- Hodgson, A.N. & Dickens, J. (2012) Activity of the mangrove snail *Cerithidea decollata* (Gastropoda: Potamididae) in a warm temperate South African Estuary, 109, 98–106.
<http://dx.doi.org/10.1016/j.ecss.2012.05.033>
- Hombron, J.B. & Jacquinot, H. (1848) Atlas d'Histoire Naturelle Zoologie par MM. Hombron et Jacquinot, Chirurgiens de l'Expédition. In: Jacquinot, H. (Ed.), *Voyage au Pole Sud et dans l'Océanie sur les corvettes l'Astrolabe et la Zélée*. Livre 26. Gide et Cie, Paris. (Publication date: Clark & Crosnier 2000), pls 17, 21, 23–25.

- Hong, J.-S., Choi, J.-W. & Tsutsumi, H. (2010) Concluding remarks on the joint survey of macrobenthic fauna on Suncheon Tidal Flats by the participants of "Korea and Japan Joint Symposium on Biology of Tidal Flats 2009". *Plankton & Benthos Research*, 5 (suppl.), 255–263.
<http://dx.doi.org/10.3800/pbr.5.255>
- Houbrick, R.S. (1978) Redescription of *Bittium proteum* (Jousseume, 1930) with comments on its generic placement. *Nautilus*, 92, 9–11.
- Houbrick, R.S. (1981) Anatomy, biology and systematics of *Campanile symbolicum* with reference to adaptive radiation of the Cerithiacea (Gastropoda: Prosobranchia). *Malacologia*, 21, 263–289.
- Houbrick, R.S. (1984) Revision of higher taxa in genus *Cerithidea* (Mesogastropoda: Potamididae) based on comparative morphology and biological data. *American Malacological Bulletin*, 2, 1–20.
- Houbrick, R.S. (1986) *Cerithidea reidi*, spec. nov., from Western Australia. *Veliger*, 28, 280–286.
- Houbrick, R.S. (1988) Cerithioidean phylogeny. *Malacological Review*, Suppl. 4, 88–128.
- Houbrick, R.S. (1991) Systematic review and functional morphology of the mangrove snails *Terebralia* and *Telescopium* (Potamididae; Prosobranchia). *Malacologia*, 33, 289–338.
- Houlihan, D.F. (1979) Respiration in air and water of three mangrove snails. *Journal of Experimental Marine Biology and Ecology*, 41 (2), 143–161.
[http://dx.doi.org/10.1016/0022-0981\(79\)90049-2](http://dx.doi.org/10.1016/0022-0981(79)90049-2)
- International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature*. 4th ed. International Trust for Zoological Nomenclature, London, xxix + 306 pp.
- Iredale, T. (1917) More molluscan name-changes, generic and specific. *Proceedings of the Malacological Society of London*, 12, 322–330.
- Iredale, T. (1929) Queensland molluscan notes, no. 1. *Memoirs of the Queensland Museum*, 9, 261–297.
- Iwakawa, T. (1919) *Catalogue of Japanese Mollusca in the Natural History Department, Tokyo Imperial Museum*. Tokyo Imperial Museum, Tokyo, 8 + 318 + 5 + 95 + 39 pp.
- Jarrett, A.G. (2011) *Marine Shells of the Whitsunday Coast & Islands*. Carole Green Publishing, Cambridge, v + 268 pp.
- Jousseume, F. (1930) Cerithiidae de la Mer Rouge. *Journal de Conchyliologie*, 74, 270–296.
- Kamimura, S., Itoh, H., Ozeki, S. & Kojima, S. (2010) Molecular diversity of *Cerithidea* gastropods inhabiting Suncheon Bay, and the Japanese and Ryukyu Islands. *Plankton & Benthos Research*, 5 (suppl.), 250–254.
<http://dx.doi.org/10.3800/pbr.5.250>
- Keen, A.M. (1971) *Sea Shells of Tropical West America*. Ed. 2. Stanford University Press, Stanford, xiv + 1064 pp.
- Kiener, L.-C. (1841–1842) Genre Cérîte. (*Cerithium*, Adanson.) In: Kiener, L.-C. (Ed.), *Spécies Général et Iconographie des Coquilles Vivantes*. Rousseau & Baillièrre, Paris, 104 pp.
- Kilburn, R. & Rippey, E. (1982) *Sea Shells of Southern Africa*. Macmillan, Johannesburg, 249 pp.
- Kimura, T., Fujioka, E., Kimura, S. & Aoki, S. (2002) A comparative morphology of eggs and larvae of nine gastropods in tidal flat and marsh of the reed. *Venus*, 61, 114–115. [in Japanese]
- Kimura, S. & Fukuda, H. (2012) *Cerithidea* (*Cerithidea*) *rhizophorarum* A. Adams, 1855. In: Japanese Association of Benthology (Ed.), *Threatened Animals of Japanese Tidal Flats: Red Data Book of Seashore Benthos*. Tokai University Press, Hadano, pp. 29.
- Kobelt, W. (1888–1898) Die Gattung *Cerithium* Lam. In: Küster, H.C. & Kobelt, W. (Eds.), *Systematisches Conchylien-Cabinet von Martini und Chemnitz*, Bauer & Raspe, Nürnberg, parts 359 (1888; pp. 1–32, pls 1–6), 374 (1890a; pp. 33–64, pls 7–12), 377 (1890a; pp. 65–88, pls 13–18), 396 (1893; pp. 89–128, pls 19–24), 398 (1893; pp. 129–160, pls 25–30), 418 (1895; pp. 161–200, pls 31–36), 434 (1898; pp. 201–240, pls 37–42), 439 (1898; pp. 241–297, pls 43–47).
- Kobelt, W. (1890b) Eine neue *Cerithidea*. *Nachrichtenblatt der deutschen Malakozoologischen Gesellschaft*, 1890, 60–61.
- Köhler, F. & Deen, G. (2010) Hybridisation as potential source of incongruence in the morphological and mitochondrial diversity of a Thai freshwater gastropod (Pachychilidae, *Brotia* H. Adams, 1866). *Zoosystematics and Evolution*, 86, 301–314.
<http://dx.doi.org/10.1002/zoos.201000013>
- Kojima, S., Kamimura, S., Iijima, A., Kimura, T., Kurozumi, T. & Furota, T. (2006) Molecular phylogeny and population structure of tideland snails in the genus *Cerithidea* around Japan. *Marine Biology*, 149, 525–535.
<http://dx.doi.org/10.1007/s00227-005-0183-2>
- Krauss, F. (1848) *Die Südafrikanischen Mollusken*. Ebner & Seubert, Stuttgart, 140 pp.
- Kuroda, T. (1928) *Catalogue of the Shell-bearing Mollusca of Amami-Oshima (Oshima, Osumi)*. Kagoshima-Ken Educational Investigation Committee, Kagoshima, 126 pp. [in Japanese]
- Kuroda, T. & Habe, T. (1952) *Check List and Bibliography of the Recent Marine Mollusca of Japan*. L.W. Stach, Tokyo, 210 pp.
- Kuroda, T., Habe, T. & Oyama, K. (1971) *The Sea Shells of Sagami Bay*. Maruzen, Tokyo, xix + 741 + 489 + 51 pp.
- Lamarck, J.B.P.A. de (1822) *Histoire Naturelle de Animaux sans Vertèbres*. Vols 6 (2), 7. Paris, 232 pp., 711 pp.
- Lee, S.-C. & Chao, S.-M. (2004) Shallow-water marine shells from Kenting National Park, Taiwan. *Collections and Research*, 17, 33–57.
- Lee, J.-S. & Min, D.-K. (2002) A catalogue of molluscan fauna in Korea. *Korean Journal of Malacology*, 18, 93–217.
- Leschke, M. (1914) Zur Molluskenfauna von Java und Celebes. *Mitteilungen aus dem Naturhistorischen Museum in Hamburg*, 31, 205–284.

- Li, J. (2008) *Taiwan Shellfish Field Guide*. Owl, Taipei, 384 pp. [in Chinese]
- Li, R. & Huang, Z. (2012) Class Gastropoda. In: Huang, Z. & Liu, M. (Eds.), *The Living Species and their Illustrations in China's Seas (Part II). An Illustrated Guide to Species in China's Sea. Vol. 4*. Ocean Press, Beijing, pp. 102–279.
- Li, Y. & Xu, R. (2013) Brackish water snails from Qi'ao-Dan'gan Island in the Pearl River estuary, China. *Turkish Journal of Zoology*, 37, 449–457.
- Linnaeus, C. (1758) *Systema Naturae per Regna tria Naturae. Ed. 10. Vol. 1*. Stockholm, 823 pp.
- Linnaeus, C. (1767) *Systema Naturae per Regna tria Naturae. Ed. 12. Vol. 1. Part II*. Stockholm, pp. 533–1327.
- Lister, M. (1688) *Historiae sive Synopsis Methodicae Conchyliorum. Liber IV*. London, pls 524–1025.
- Lozouet, P. (1986) Redéfinition des genres *Potamides* et *Pirenella* (Gastropoda, Prosobranchia) à partir des espèces actuelles et fossiles: implications phylétiques et biogéographiques. *Annales de Paléontologie*, 72, 163–210.
- Lozouet, P. (2008) Potamididae. In: Poppe, G.T. (Ed.), *Philippine Marine Mollusks, Vol. 1*. ConchBooks, Hackenheim, pp. 284–287.
- Lozouet, P. & Plaziat, J.-C. (2008) *Mangrove Environments and Molluscs. Abatan River, Bohol and Panglao Islands, Central Philippines*. ConchBooks, Hackenheim, 160 pp.
- Ma, X. (2004) Order Mesogastropoda. In: Qi, Z. (Ed.), *Seashells of China*. China Ocean Press, Beijing, pp. 31–81.
- Mabille, J. (1887) Sur quelques mollusques du Tonkin. *Bulletins de la Société Malacologique de France*, 4, 73–164.
- Macnae, W. (1963) Mangrove swamps in South Africa. *Journal of Ecology*, 51, 1–25.
<http://dx.doi.org/10.2307/2257502>
- Macnae, W. (1968) A general account of the fauna and flora of mangrove swamps and forests in the Indo-West-Pacific region. *Advances in Marine Biology*, 6, 73–270.
[http://dx.doi.org/10.1016/s0065-2881\(08\)60438-1](http://dx.doi.org/10.1016/s0065-2881(08)60438-1)
- Madeira, C., Alves, M.J., Mesquita, N., Silva, S.E. & Paula, J. (2012) Tracing geographical patterns of population differentiation in a widespread mangrove gastropod: genetic and geometric morphometrics surveys along the eastern African coast. *Biological Journal of the Linnean Society*, 107, 647–663.
<http://dx.doi.org/10.1111/j.1095-8312.2012.01967.x>
- Maki, E., Ohtaki, H. & Tomiyama, K. (2002) Distribution and substrate preference among four batillarid and potamidid species, with observations on seasonal changes in the distribution of *Cerithideopsis djadjariensis* (K. Martin, 1889) (Gastropoda: Potamididae). *Venus*, 61, 61–76.
- Makiyama, J. (1936) The Meisen Miocene of North Korea. *Memoirs of the College of Science, Kyoto Imperial University, Series B*, 11, 193–228.
- Martens, E. von (1880) Mollusken. In: Möbius, K. (Ed.), *Beiträge zur Meeresfauna der Insel Mauritius und der Seychellen*. Gustav Fischer, Berlin, pp. 181–352.
- Martens, E. von (1887) List of the shells of Mergui and its archipelago, collected for the trustees of the Indian Museum, Calcutta, by Dr. John Anderson, F.R.S., Superintendent of the Museum. *Journal of the Linnean Society of London, Zoology*, 21, 155–219.
<http://dx.doi.org/10.1111/j.1096-3642.1887.tb00974.x>
- Martens, E. von (1897a) Süß- und Brackwasser-Mollusken des Indischen Archipels. In: Weber, M. (Ed.), *Zoologische Ergebnisse einer Reise in Niederländisch Ost-Indien, Vol. 4*. E.J. Brill, Leiden, pp. 1–331.
- Martens, E. von (1897b) Beschalte Weichthiere Ost-Africas. In: Möbius, K. (Ed.), *Deutsch-Ost-Africa, Vol. 4. Die Thierwelt Ost-Africas und der Nachbargebiete*. D. Reimer, Berlin, pp. 1–308.
- Matsumura, I. (2009) Interesting behaviour of *Cerithidea rhizophorarum* (Gastropoda: Potamididae) attaching to reed grass. *Chiribotan*, 39, 153–155. [in Japanese]
- McGuinness, K.A. (1994) The climbing behaviour of *Cerithidea anticipata* (Mollusca: Gastropoda): the roles of physical and biological factors. *Australian Journal of Ecology*, 19 (3), 283–289.
- McMahon, R.F. (1985) Interspecific relationships between morphometric parameters and the vertical distribution patterns of seven species of turbinatid gastropods on mangrove trees in Hong Kong. In: Morton, B. & Dudgeon, D. (Eds.), *Proceedings of the Second International Workshop on the Malacofauna of Hong Kong and Southern China, Hong Kong*. Hong Kong University Press, Hong Kong, pp. 199–215.
- Menke, K.T. (1829) *Verzeichniss der ansehnlichen Conchylien-Sammlung des Freiherrn von der Malsburg*. Pymont, vi + 123 pp.
- Metcalfe, W. (1852) An enumeration of species of recent shells, received by W.J. Hamilton, Esq., from Borneo, in November 1850, with descriptions of the new species. *Proceedings of the Zoological Society of London*, 1851, 70–74.
<http://dx.doi.org/10.1111/j.1096-3642.1851.tb01132.x>
- Min, D.-K., Lee, J.-S., Koh, D.-B. & Je, J.-G. (2004) *Mollusks in Korea*. Min Molluscan Research Institute, Seoul, 566 pp.
- Miura, O., Frankel, V. & Torchin, M.E. (2011) Different developmental strategies in geminate snails, *Cerithideopsis californica* and *C. pliculosa*, across the Isthmus of Panama. *Journal of Molluscan Studies*, 77, 255–258.
<http://dx.doi.org/10.1093/mollus/eyr012>
- Miura, O., Köhler, F., Lee, T., Li, J. & Ó Foighil, D. (2013) Rare, divergent Korean *Semisulcospira* spp. mitochondrial haplotypes have Japanese sister lineages. *Journal of Molluscan Studies*, 79, 86–89.
<http://dx.doi.org/10.1093/mollus/eyr036>

- Miura, O., Torchin, M.E. & Bermingham, E. (2010) Molecular phylogenetics reveals differential divergence of coastal snails separated by the Isthmus of Panama. *Molecular Phylogenetics and Evolution*, 56, 40–48.
<http://dx.doi.org/10.1016/j.ympev.2010.04.012>
- Miura, O., Torchin, M.E., Bermingham, E., Jacobs, D.K. & Hechinger, R.F. (2012) Flying shells: historical dispersal of marine snails across Central America. *Proceedings of the Royal Society B*, 279, 1061–1067.
<http://dx.doi.org/10.1098/rspb.2011.1599>
- Mörch, O.A.L. (1860) Beiträge zur Molluskenfauna Central-Amerika's. *Malakozoologische Blätter*, 7, 66–106.
- Morlet, L. (1889) Catalogue des coquilles recueillies, par M. Pavie, dans le Cambodge et le Royaume de Siam, et description d'espèces nouvelles. *Journal de Conchyliologie*, 37, 121–199.
- Mujiono, N. (2009) Mudwhelks (Gastropoda: Potamididae) from mangroves of Ujung Kulong National Park, Banten. *Jurnal Biologi*, 13, 51–56.
- Ng, P.K.L. & Sivasothi, N. (Eds.) (1999) *A Guide to the Mangroves of Singapore II (Animal Diversity)*. Singapore Science Centre, 168 pp.
- Ng, P.K.L., Wang, L.K. & Lim, K.K.P. (Eds.) (2008) *Private Lives: an Exposé of Singapore's Mangroves*. Raffles Museum of Biodiversity Research, Singapore, 249 pp.
- Noseworthy, R.G., Lim, N.-R. & Choi, K.-S. (2007) A catalogue of the mollusks of Jeju Island, South Korea. *Korean Journal of Malacology*, 23, 65–104.
- Ohtaki, H., Maki, E. & Tomiyama, K. (2001) Seasonal changes in the distribution and mating behavior of *Cerithidea rhizophorarum* (Gastropoda: Potamididae). *Venus*, 60, 199–210.
- Ohtaki, H., Maki, E. & Tomiyama, K. (2002) Tree climbing behaviour of the snail *Cerithidea rhizophorarum* (Gastropoda: Potamididae). *Venus*, 61, 215–223.
- Okutani, T. (1986) *Illustrations of Animals and Plants, Part 8: Molluscs*. Sekaibunkasha, Tokyo, 399 pp. [in Japanese]
- Onoda, G., Suzuka, T., Takeuchi, Y., Konagai, T. & Tomiyama, K. (2010) Spermatophore transfer in the dioecious tidal snail *Cerithidea rhizophorarum* (Gastropoda: Potamididae). *Venus*, 68, 3–4.
- Oostingh, C.H. (1923) Recent shells from Java. Part 1. Gastropoda. *Mededeelingen van de Landbouwhoogeschool*, 26 (3), 1–174.
- Oostingh, C.H. (1925) Report on a collection of Recent shells from Obi and Halmahera (Moluccas). *Communications from the Geological Institute of the Agricultural University, Wageningen (Holland)*, 9, 1–362.
- Ota, N., Kawai, T. & Hashimoto, A. (2013) Recruitment, growth, and vertical distribution of the endangered mud snail *Cerithidea rhizophorarum* A. Adams, 1855: implications for its conservation. *Molluscan Research*, 33, 87–97.
<http://dx.doi.org/10.1080/13235818.2013.782789>
- Oyama, K. (1959) *Cerithidea*. In: Oyama, K. (Ed.), *The Molluscan Shells, Vol. 2*. Resources Exploitation Institute, Tokyo, unpaginated.
- Petit, R.E. (2009) George Brettingham Sowerby, I, II & III: their conchological publications and molluscan taxa. *Zootaxa*, 2189, 1–218.
- Petit, R.E. & Coan, E.V. (2008) The molluscan taxa made available in the Griffith & Pidgeon (1833–1834) edition of Cuvier, with notes on the editions of Cuvier and on Wood's *Index Testaceologicus*. *Malacologia*, 50, 219–264.
<http://dx.doi.org/10.4002/0076-2997-50.1.219>
- Petit de la Saussaye, M.S. (1851) Description de coquilles nouvelles. *Journal de Conchyliologie*, 2, 259–269.
- Pflugfelder, O. (1930) Das Mantelauge von *Potamides obtusus* Lam. *Zoologischer Anzeiger*, 89, 276–283.
- Philippi, R.A. (1848) testaceorum novorum centuria (continuatio). *Zeitschrift für Malakozoologie*, 1848, 17–27.
- Philippi, R.A. (1849) *Abbildungen und Beschreibungen neuer oder wenig gekannter Conchylien. Vol. 3. Part 4*. Theodor Fischer, Cassel, 28 pp.
- Pilsbry, H. A. (1895) *Catalogue of the Marine Molluscs of Japan, with Descriptions of New Species and Notes on Others Collected by F. Stearns*. F. Stearns, Detroit, viii + 196 pp.
- Pilsbry, H.A. & Harbison, A. (1933) Notes on the Miocene of southern New Jersey. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 85, 107–120.
- Plaziat, J.C. (1977) Les céritidés tropicaux et leur polymorphisme lié à l'écologie littorale des mangroves. *Malacologia*, 16, 35–44.
- Plaziat, J.-C. (1984) Mollusk distribution in the mangal. In: Por, F.D. & Dor, I. (Eds.), *Hydrobiology of the mangal: the ecosystem of the mangrove forests. Developments in Hydrobiology. Vol. 20*. W. Junk, The Hague, pp. 111–143.
- Plaziat, J.-C., Cavagnetto, C., Koeniguer, J.-C. & Baltzer, F. (2001) History and biogeography of the mangrove ecosystem, based on a critical reassessment of the paleontological record. *Wetlands Ecology and Management*, 9, 161–179.
- Poraituk, S.P. & Ulijaszek, S. (1981) Molluscs in the subsistence diet of some Purari Delta people. *Purari River (Wabo) Hydroelectric Scheme Environmental Studies*, 20, 1–30.
- Poutiers, J.M. (1998) Gastropods. In: Carpenter, K.E. & Niem, V.H. (Eds.), *The Living Marine Resources of the Western Central Pacific. Vol. 1*. FAO, Rome, pp. 363–648.
- Prashad, B. (1921) Report on a collection of Sumatran molluscs from fresh and brackish water. *Records of the Indian Museum*, 22, 461–507.
- Puillandre, N., Modica, M.V., Zhang, Y., Sirovich, L., Boisselier, M.-C., Cruaud, C., Holford, M. & Samadi, S. (2012) Large-scale species delimitation method for hyperdiverse groups. *Molecular Ecology*, 21, 2671–2691.
<http://dx.doi.org/10.1111/j.1365-294x.2012.05559.x>

- Quoy, J.R.C. & Gaimard, J.P. (1834) *Voyage de Découvertes de l'Astrolabe. Zoologie. Vol. 3.* J. Tastu, Paris, 954 pp.
- Ramakrishna, Dey, A., Barua, S. & Mukhopadhyaya, A. (2007) Marine molluscs: Polyplacophora and Gastropoda. In: *Fauna of Andhra Pradesh, State Fauna Series Vol. 5. Part 7.* Zoological Survey of India, Kolkata, pp. 1–148.
- Reeve, L.A. (1842) *Conchologia Systematica, or Complete System of Conchology. Vol. 2.* Longman, Brown, Green & Longmans, London, 337 pp.
- Reeve, L.A. (1860) *Elements of Conchology. Vol. 1.* Reeve, London, 260 pp.
- Reid, D.G. (1986a) *The Littorinid Molluscs of Mangrove Forests in the Indo-Pacific Region: the genus Littoraria.* British Museum (Natural History), London. Xv + 228 pp.
- Reid, D.G. (1986b) *Mainwaringia* Nevill, 1885, a littorinid genus from Asiatic mangrove forests, and a case of protandrous hermaphroditism. *Journal of Molluscan Studies*, 52, 225–242.
<http://dx.doi.org/10.1093/mollus/52.3.225>
- Reid, D.G. (1992) Predation by crabs on *Littoraria* species (Littorinidae) in a Queensland mangrove forest. In: Grahame, J., Mill, P.J. & Reid, D.G. (Eds.), *Proceedings of the Third International Symposium on Littorinid Biology.* Malacological Society of London, pp. 141–151.
- Reid, D.G. (1999) The genus *Littoraria* Griffith & Pidgeon, 1834 (Gastropoda: Littorinidae) in the tropical eastern Pacific. *Veliger*, 42, 21–53.
- Reid, D.G. (2001) New data on the taxonomy and distribution of the genus *Littoraria* Griffith and Pidgeon, 1834 (Gastropoda: Littorinidae) in Indo-West Pacific mangrove forests. *Nautilus*, 115, 115–139.
- Reid, D.G., Claremont, M., Smith, L., Shamoto, M., Glaubrecht, M. & Ozawa, T. (2013) Mosaics in the mangroves: allopatric diversification of tree-climbing mudwhelks (Gastropoda: Potamididae: *Cerithidea*) in the Indo-West Pacific. *Biological Journal of the Linnean Society*, 110, 564–580.
- Reid, D.G., Dyal, P., Lozouet, P., Glaubrecht, M. & Williams, S.T. (2008) Mudwhelks and mangroves: the evolutionary history of an ecological association (Gastropoda: Potamididae). *Molecular Phylogenetics and Evolution*, 47, 680–699.
<http://dx.doi.org/10.1016/j.ympev.2008.01.003>
- Reid, D.G., Dyal, P. & Williams, S.T. (2010) Global diversification of mangrove fauna: a molecular phylogeny of *Littoraria* (Gastropoda: Littorinidae). *Molecular Phylogenetics and Evolution*, 55, 185–201.
<http://dx.doi.org/10.1016/j.ympev.2009.09.036>
- Reid, D.G., Lal, K., Mackenzie-Dodds, J., Kaligis, F., Littlewood, D.T.J. & Williams, S.T. (2006) Comparative phylogeography and species boundaries in *Echinolittorina* snails in the central Indo-West Pacific. *Journal of Biogeography*, 33, 990–1006.
<http://dx.doi.org/10.1111/j.1365-2699.2006.01469.x>
- Rousseau, L. (1854) Descriptions des mollusques coquilles et zoophytes. In: Hombron, J.B. & Jacquinot, H. (Eds.), *Voyage au Pole Sud et dans l'Océanie sur les corvettes l'Astrolabe et la Zélée... Vol. 5. Zoologie.* Gide et J. Baudry, Paris, pp. 1–132.
- Sälgeback, J. & Savazzi, E. (2006) Constructional morphology of cerithiform gastropods. *Paleontological Research*, 10, 233–259.
<http://dx.doi.org/10.2517/prpsj.10.233>
- Say, T. (1825) Descriptions of some new species of fresh water and land snails of the United States. *Journal of the Academy of Natural Sciences of Philadelphia*, 5, 119–131.
- Schepman, M.M. (1892) Note XXVIII. Land- and freshwater shells collected by Dr H. Ten Kate in Soemba, Timor and other East-Indian islands. *Notes from the Leyden Museum*, 14, 145–160.
- Schepman, M.M. (1893) A new *Cerithidea*. *Tijdschrift der Nederlandsche Dierkundige Vereeniging*, Ser. 2, 4, 66–67.
- Schepman, M.M. (1895) A new *Potamides*. *Notes from the Leyden Museum*, 16, 133–135.
- Schepman, M.M. (1909) The Prosobranchia of the Siboga Expedition. Part 2. Taenioglossa and Ptenoglossa. *Siboga-Expeditie*, 49, 109–231.
- Schepman, M.M. (1919) On a collection of land- and freshwater Mollusca and a few marine Mollusca chiefly collected by Dr. H.A. Lorentz from New Guinea, the Aru Islands, Timor and Borneo. In: Herderschee, A.F. (Ed.), *Nova Guinea. Zoologie. Vol. 13.* E.J. Brill, Leiden, pp. 155–196.
- Schröter, J.S. (1784) *Einleitung in die Conchylienkenntnis nach Linné. Vol. 2.* J.J. Gebauer, Halle, 860 pp.
- Souleyet, F.L.A. (1852) Mollusques. In: Eydoux, J.F.T. & Souleyet, F.L.A. (Eds.), *Voyage autour du monde exécuté pendant les années 1836 et 1837 sur la Corvette La Bonite. Zoologie*, Paris, pp. 7–633.
- Sowerby, G.B. II (1820–1834) *The Genera of Recent and Fossil Shells.* Sowerby, London, 267 pls in 42 parts.
- Sowerby, G.B. II (1855) Monograph of the genus *Cerithium*, Adanson. In: Sowerby, G.B. II. (Ed.), *Thesaurus Conchyliorum, or Figures and Descriptions of Recent Shells. Vol. 2. part 16.* Sowerby, London, pp. 847–899.
- Sowerby, G.B. II (1866) Monograph of the genus *Cerithidea*. In: Reeve, L.A. (Ed.), *Conchologia Iconica. Vol. 15.* L.A. Reeve, London, pls 1–4.
- Springsteen, F.J. & Leobrera, F.M. (1986) *Shells of the Philippines.* Carfel Seashell Museum, Manila, 377 pp.
- Sreenivasan, P.V. & Natarajan, R. (1986) Age and growth of the snail *Cerithidea (Cerithidea) obtusa* (Lamarck) (Mesogastropoda: Potamididae). *Journal of the Marine Biological Association of India*, 28, 144–150.
- Starmühlner, F. (1969) Die Gastropoden der Madagassischen Binnengewässer. *Malacologia*, 8, 1–434.
- Studer, J. (1889) Zoologie und Geologie. *Die Forschungsreise SMS "Gazelle" in den Jahren 1874 bis 1876*, 3, 1–322.
- Stuckey, M. & Reid, D.G. (2002) A new *Littoraria* (Gastropoda: Littorinidae) from northwestern Australia. *Molluscan Research*, 22, 1–15.

- Subba Rao, N.V. (2003) Indian seashells. Part 1. Polyplacophora and Gastropoda. *Records of the Zoological Survey of India. Occasional Paper*, 192, 1–416.
- Subba Rao, N.V., Dey, A. & Barua, S. (1983) Studies on the malacofauna of Muriganga estuary, Sundarbans West Bengal. *Bulletin of the Zoological Survey of India*, 5, 47–56.
- Subba Rao, N.V., Dey, A. & Barua, S. (1992) Estuarine and marine molluscs. In: *Fauna of West Bengal. Part 9 (Mollusca)*. Zoological Survey of India, Calcutta, pp. 129–268.
- Subba Rao, N.V., Dey, A. & Barua, S. (1995) Molluscs. In: Ghosh, A.K. (Ed.), *Estuarine Ecosystem Series, Part 2: Hugli Matla Estuary*. Zoological Survey of India, Calcutta, pp. 41–91.
- Subba Rao, N.V. & Mookherjee, H.P. (1975) On a collection of Mollusca from the Mahanadi Estuary, Orissa. In: Natarajan, R. (Ed.), *Recent Researches in Estuarine Biology*. Hindustan Publishing Corp., Delhi, pp. 165–176.
- Subba Rao, N.V., Surya Rao, K.V. & Maitra, S. (1991) Marine molluscs. In: *State Fauna Series 1: Fauna of Orissa*, Part 3. Zoological Survey of India, Calcutta, pp. 1–175.
- Swainson, W. (1840) *A Treatise on Malacology*. Longman, Orme, Brown, Green & Longmans, London, viii + 419 pp.
- Swennen, C., Moolenbeek, R.G., Ruttanadukul, N., Hobbelink, H., Dekker, H. & Hajisamae, S. (2001) The molluscs of the southern Gulf of Thailand. *Thai Studies in Biodiversity*, 4, 1–210.
- Takeuchi, M., Ohtaki, H. & Tomiyama, K. (2007) Reproductive behavior of the dioecious tidal snail *Cerithidea rhizophorarum* (Gastropoda: Potamididae). *American Malacological Bulletin*, 23, 81–87.
<http://dx.doi.org/10.4003/0740-2783-23.1.81>
- Tapparone-Canefri, C. (1874) Zoologia del viaggio intorno al globo della R. Fregata *Magenta*. Malacologia. *Memorie della Reale Accademia delle Scienze di Torino, Ser. 2*, 28, 109–265.
- Tate, R. (1893) On some new species of Australian marine Gastropoda. *Transactions of the Royal Society of South Australia*, 17, 189–197.
- Thach, N.N. (2005) *Shells of Vietnam*. Conchbooks, Hackenheim, 338 pp.
- Thach, N.N. (2007) *Recently Collected Shells of Vietnam*. L'Informatore Piceno, Ancona, Italy, 384 pp.
- Thiele, J. (1929, 1931) *Handbuch der Systematischen Weichtierkunde. Parts 1, 2*. Gustav Fischer, Jena, 777 pp.
- Troschel, F.H. (1856–1863) *Das Gebiss der Schnecken. Vol. 1*. Nicolaische Verlagsbuchhandlung, viii + 252 pp.
- Tryon, G.W. (1887) *Manual of Conchology. Vol. 9*. Tryon, Philadelphia, 488 pp.
- Van Benthem Jutting, W.S.S. (1956) Systematic studies on the non-marine Mollusca of the Indo-Australian archipelago. V. Critical revision of the Javanese freshwater gastropods. *Treubia*, 23, 259–477.
- Van der Bijl, A.N., Moolenbeek, R.G. & Goud, J. (2010) *Mattheus Marinus Schepman (1847–1919) and his Contribution to Malacology*. Netherlands Malacological Society, Leiden, 200 pp.
- Van Regteren Altena, C.O. (1940) A revision of *Cerithidea (Cerithideopsis) cingulata* (Gmelin) and some related species (Mollusca, Gastropoda). *Zoologische Mededelingen*, 22, 211–222.
- Van Regteren Altena, C.O. (1945) Report upon a collection of Recent shells from Java. *Zoologische Mededelingen*, 25, 140–154.
- Vannini, M., Cannicci, S. & Fratini, S. (2001) Prey selection of *Epixanthus dentatus* (Crustacea: Brachyura: Eriphiidae) as determined by its prey remains. *Journal of the Marine Biological Association of the United Kingdom*, 81, 455–459.
<http://dx.doi.org/10.1017/s0025315401004088>
- Vannini, M., Coffa, C., Lori, E. & Fratini, S. (2008a) Vertical migrations of the mangrove snail *Cerithidea decollata* (L.) (Potamididae) through a synodic month. *Estuarine, Coastal and Shelf Science*, 78, 644–648.
<http://dx.doi.org/10.1016/j.ecss.2008.02.010>
- Vannini, M., Lori, E., Coffa, C. & Fratini, S. (2008b) *Cerithidea decollata*: a snail that can foresee the future? *Animal Behaviour*, 76, 983–992.
<http://dx.doi.org/10.1016/j.anbehav.2008.05.016>
- Vannini, M., Mrabu, E., Cannicci, S., Rorandelli, R. & Fratini, S. (2008c). Rhythmic vertical migration of the gastropod *Cerithidea decollata* in a Kenyan mangrove forest. *Marine Biology*, 153, 1047–1053.
<http://dx.doi.org/10.1007/s00227-007-0877-8>
- Vannini, M., Rorandelli, R., Lähteenoja, O., Mrabu, E. & Fratini, S. (2006) Tree-climbing behaviour of *Cerithidea decollata*, a western Indian Ocean mangrove gastropod (Mollusca: Potamididae). *Journal of the Marine Biological Association of the United Kingdom*, 86, 1429–1436.
<http://dx.doi.org/10.1017/s0025315406014470>
- Vermeij, G.J. (1973) Molluscs in mangrove swamps: physiognomy, diversity, and regional differences. *Systematic Zoology*, 22, 609–624.
<http://dx.doi.org/10.2307/2412965>
- Viader, R. (1937) Revised catalogue of the testaceous Mollusca of Mauritius and its dependencies. *Mauritius Institute Bulletin*, 1 (2), i–xiii, 1–111.
- Voris, H.K. (2000) Maps of Pleistocene sea levels in Southeast Asia: shorelines, river systems and time durations. *Journal of Biogeography*, 27, 1153–1167.
<http://dx.doi.org/10.1046/j.1365-2699.2000.00489.x>
- Wada, K. & Nishikawa, C. (2005) Habitat use by the potamidid gastropod *Cerithidea rhizophorarum* living in an estuarine salt marsh. *Japanese Journal of Benthology*, 60, 23–29. [in Japanese]

- Wakamatsu, A. & Tomiyama, K. (2000) Seasonal changes in the distribution of batillarid snails on a tidal flat near the most northern mangrove forest in Atago River estuary, Kyushu, Japan. *Venus*, 59, 225–243.
- Wattebled, G. (1886) Description de mollusques inédits de l'Annam. Récolte du capitaine Dorr aux environs de Hué. *Journal de Conchyliologie*, 34, 54–71.
- Wells, F.E. (1981) Molluscan fauna of the Admiralty Gulf, Cape Voltaire, and the Institut Islands, Kimberley, Western Australia. In: Western Australian Museum, *Biological Survey of Mitchell Plateau and Admiralty Gulf, Kimberley, Western Australia*. Western Australian Museum, Perth, pp. 249–263.
- Wells, F.E. (1985) The Potamididae (Mollusca: Gastropoda) of Hong Kong, with an examination of habitat segregation in a small mangrove system. In: Morton, B. & Dudgeon, D. (Eds) *Proceedings of the Second International Workshop on the Malacofauna of Hong Kong and Southern China, Hong Kong*. Hong Kong University Press, Hong Kong, pp. 139–154.
- Wells, F.E. & Bryce, C.W. (1986) *Seashells of Western Australia*. Western Australian Museum, Perth, 207 pp.
- Wells, F.E. & Bryce, C.W. (1988) *Seashells of Western Australia*. 2nd edition. Western Australian Museum, Perth, 207 pp.
- Wells, F.E. & Slack-Smith, S.M. (1981) Zonation of molluscs in a mangrove swamp in the Kimberley, Western Australia. In: Western Australian Museum, *Biological Survey of Mitchell Plateau and Admiralty Gulf, Kimberley, Western Australia*. Western Australian Museum, Perth, pp. 265–274.
- Wenz, W. (1938) Gastropoda. Teil I: Allgemeiner Teil und Prosobranchia. In: Schindewolf, O.H. (Ed.), *Handbuch der Paläozoologie*. Vol. 6. Borntraeger, Berlin, xii + 948 pp.
- Willan, R.C. (2013) A key to the potamidid snails (longbums, mudcreepers and treecreepers) of northern Australia. *Northern Territory Naturalist*, 24, 68–80.
- Williams, S.T. & Reid, D.G. (2004) Speciation and diversity on tropical rocky shores: a global phylogeny of snails of the genus *Echinolittorina*. *Evolution*, 58, 2227–2251.
<http://dx.doi.org/10.1554/03-565>
- Wilson, B.R. (1993) *Australian marine shells. Prosobranch gastropods. Part I*. Odyssey Publishing, Kallaroo, Western Australia, 407 pp.
- Wood, W. (1828) *Supplement to the Index Testaceologicus; or a Catalogue of Shells, British and Foreign*. London, v + 59 pp.
- Woodward, S.P. (1833) *An Outline of the Geology of Norfolk*. John Stacy, Norwich, 54 pp.
- Yen, T.C. (1936) The marine gastropods of Shantung Peninsula. *Contributions from the Institute of Zoology, National Academy of Peiping*, 3, 165–255.
- Zhang, S. (2008) *Atlas of Marine Mollusks in China*. Hai yang chu ban she, Beijing, iv + 383 pp.