



James Hamilton McLean: *The master of the Gastropoda*

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Abstract

A biography of the late James H. McLean, former Curator of Malacology at the Natural History Museum of Los Angeles County is provided. It is complemented with a full bibliography and list of 344 taxa named by him and co-authors (with type information and current status), as well as 40 patronyms.

Biography

James Hamilton McLean was born in Detroit, Michigan, on June 17, 1936. The McLean family moved to Dobbs Ferry, New York, on the Hudson River in 1940, a short train ride and subway ride away from the American Museum of Natural History (AMNH). His brother Hugh recalled that, “AMNH became the place of choice to go to whenever we could get someone to take us. Those visits opened our eyes to the variety and possibilities of what was out there, waiting for us to discover and collect.” From an early age James seemed destined to have a career at a museum (Figs 1–2). In his teens, he raised tropical fish and collected shells and other forms of marine life, and it became readily apparent to his family that a career in biology was ahead (Fig. 3). A summer marine biology course in 1955 under notable biologist Gilbert Voss at the University of Miami further whetted his career aspirations.

He graduated from Wesleyan University, in Middletown, Connecticut, in 1958 with an A.B. in biology and proceeded to earn his Ph.D. in biology at Stanford University under the guidance of world-renowned malacologist and paleontologist A. Myra Keen in 1966 (Fig. 5), two years *after* his arrival at the Los Angeles County Museum of Natural History (LACM: Fig. 6), now known as the Natural History Museum of Los Angeles County. A memo from then LACM Director Dr. Herbert Friedman dated September 10th, 1964, stated, “James H. McLean, an expert on the marine mollusks of the West Coast, has joined the staff of the Los Angeles County Museum as a curator of Invertebrate Zoology.” His dissertation, *West American prosobranch Gastropoda: Superfamilies Patellacea, Pleurotomariacea, and Fissurellacea*, was finally awarded in June 1966. James used his prowess for SCUBA diving and collecting to build the LACM Malacology collection into its status as one of the largest mollusk collections in the world. He traveled to and collected from numerous destinations worldwide including the west coast of the Americas from Alaska to Chile, the Caribbean, including Jamaica, Cuba, the Bahamas, and Venezuela, and the Indo-Pacific including Sri Lanka, Japan, Australia, Tanzania, Cook Islands, Indonesia, Hawai‘i on shelling tours and with colleagues (Figs 7–8). James was also instrumental in acquiring many orphaned private and professional collections for LACM Malacology, most notably portions of the vast Alan Hancock Foundation collection from the University of Southern California in 1985. He was an active member of numerous malacological organizations including the American Malacological Union/Society (President, hosting 55th annual meeting, 1989), the Western Society of Malacologists (President, 1974), the San Diego Shell Club, and was a long-time sponsor of the Conchological Club of Southern California, which met at LACM. James was also a member of the Council of Systematic Malacologists and served on the editorial boards of many professional journals including *The*

Veliger, *The Nautilus*, and the *American Malacological Bulletin*. He authored or co-authored over 140 peer-reviewed papers, meeting abstracts, and popular papers. His list of co-authors is a veritable who's who of prominent malacologists and paleontologists of the past and present, including George P. Kanakoff, Buzz Owen, Roy Poorman, Helen DuShane, Ian McT. Cowan, Jim Nybakken, Vera Fretter, Philippe Bouchet, Anders Warén, David Lindberg, Rae Baxter, Gerhard Haszprunar, Richard Kilburn, Carole Hickman (Fig. 12), Stefan Kiel, Bill Emerson (Fig. 14), Eugene Coan (Fig. 13), Daniel Geiger, Jerry Harasewych, Serge Gofas, and Ángel Valdés. James and co-authors described 344 molluscan taxa over 53 years (from 1959 through 2012), mostly from the eastern Pacific Ocean. In recognition of his vast knowledge and appreciation of mollusks, colleagues have named at least 37 taxa for him including gastropods, chitons, bivalves, and even a scaphopod.



FIGURES 1–6. James H. McLean, the early years. 1. ~1940 showing early interest in zoology. 2. ~1950. In high school with pumpkins. 3. 1958. High school year book photo. 4. Late 1960's, in his LACM office. 5. 1969, at American Malacological Union meeting, Pacific Division, Asilomar. From left to right: J.T. Smith, E.V. Coan, A.M. Keen, R. Robertson, J.H. McLean. 6. 1964 hiring photograph at LACM.

While Curator, James also mentored graduate and undergraduate students including naticid specialist Louie Marinovich (University of Southern California) who went on to a career with the U.S. Geological Survey, and haliotid specialist Daniel Geiger (also USC) who is now Curator of Malacology at the Santa Barbara Museum of Natural History. Jim (as he preferred) was actively interested in the next generation of malacologists and initiated contact with new students, such as Geiger at the WCM 1992 in Siena (Geiger pers. comm.). He was very patient with students and their first attempts at scientific writing, instilling a solid foundation in that craft. Once he pronounced a manuscript ready to be submitted, the greatest hurdle had been overcome.

Volunteers were also an important aspect of the Malacology Department during Dr. McLean's tenure, and processed hundreds of sediment samples ("grunge" according to James) from all over the world. Some key volunteers included the late Edith Abbott, Elizabeth Veal, Yvonne Albi, and Bertram Draper. Notably, James and staff member Patrick LaFollette pioneered the use of computers for collection management, databasing, and word processing at LACM in the mid 1980's. Much of the format and contents of the early database known as "MALCAT" was transferred to successive data management systems and is still in use today.



FIGURES 7–11. James H. McLean, in the field and in the museum. 7. ~1969. San Miguel Island, California. 8. 1985. Thailand, with *Chicoreus ramosus*. 9. ~1981 in LACM office. 10. ~1989 in LACM office. 11. ~1993 in LACM collection.

James was interested in all shelled gastropods, especially the Archaeogastropoda (now Patellogastropoda + Vetigastropoda) but developed a special fondness for the Turridae in the late 1960's and early 1970's, and published several major treatments including the extensive turrid section in the second edition of A. Myra Keen's *Sea Shells of Tropical West America* (1971). His documentation of the unique predatory feeding behavior of the chiton *Placiphorella* in 1962 was a first. When hydrothermal vent faunas were discovered in 1977, James was recruited to study newly discovered limpet-like mollusks. His efforts resulted in the descriptions of 60+ new superfamilies, families, subfamilies, families, genera, subgenera, species, and subspecies in 16 papers. James' crowning achievement was a 1990 book on the suprageneric classification of the trochacean gastropods with long-time colleague Carole Hickman as senior author, for which he received an award from LACM. Later in his career, he put much effort into monographs on the liotioideans, colloniids, and the shelled gastropods of the northeast Pacific.

In addition, he published regional guides to the shelled gastropods of southern California. First, the *Marine Shells of Southern California*, which was published in 1969, with a second edition in 1978. He also contributed the gastropod sections to both the *Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channels* as well as *Light's Manual*. Those remain the current identification guides to the marine snails of the area.

Jim was an opinionated with a sharp sense of humor, once one got to know him. While he referred to fossils as "very dead shells," the copy of Wenz' *Handbuch der Paläozoologie* was on long-term loan from the USC library right by his desk. He had an encyclopedic knowledge of the gastropod literature. Any obscure question was met with a moment of reflection, followed by a quiet turn to the bookshelves, where he would pull out just the right tome.

In March of 2001, James retired from LACM after 37 years, but remained a fixture on the Museum's 3rd floor adjacent to the malacology collections usually until late in the evening (Figs 4, 9, 10). This also included weekends and holidays. His status of Curator Emeritus was held until December of 2013 when he was given Research Associate standing and his office was reassigned to other staff. James then worked on his research at home but still managed to visit the museum several times a week throughout most of 2014. Unfortunately, in

late 2014, deteriorating health required hospitalization and recuperation at the home of long-time friend Pat LaFollette in Cathedral City, California, and ultimately 24/7 care at a nearby facility. In May of 2015, James was moved to a full-time care facility in South Windsor, Connecticut, to be near family where he spent his remaining days.



FIGURES 12–17. James H. McLean, with colleagues and at large. 12. 1984, American Malacological Union meeting, Norfolk, VA, with Carole Hickman. 13. 1994, in front of LACM with Gene Coan. 14. 1991, at Santa Barbara Museum of Natural History. From left to right: J.H. McLean, H.W. Chaney, W.K. Emerson, J. Houbriek. 15. 1999, at LACM fundraising gala (Dino Ball). 16. 1991, Berkeley, AMS/WSM meeting, with A. Joffee. 17. 1994, at his home in the Hollywood Hills, with his euphorbs.

On Friday, November 11th, 2016, the malacological world lost one of its great taxonomists as James passed away with brothers Hugh and Arthur and other family members at his side. In June of 2017, the Western Society of Malacologists held its 50th meeting in Los Angeles during which Jim was honored as the namesake of the LACM Malacology collection and remembered by a dedication delivered by Lindsey Groves. Donations in honor and recognition of James were made to the *James H. McLean Student Grant in Collections-Based Research*, which funds one to two student proposals per year (see the WSM website for details: <http://westernsocietymalacology.org/grants/james-h-mclean-student-grant-in-collections-based-research/>). Unfortunately, James was not able to personally realize his goal of a monograph of the shelled gastropods of the eastern Pacific from central Baja, California to Arctic Alaska. However, the collection of papers herein on varied gastropod taxa have been contributed by numerous authors and edited by Daniel Geiger (Santa Barbara Museum of Natural History), Jann Vendetti (LACM Malacology), and Lindsey T. Groves (LACM Malacology) to honor Jim’s work and legacy.



FIGURES 18–24. Some patronyms for James H. McLean. 18. *Sinezona macleani* Geiger, 2006. Holotype USNM 289748. Scale bar shell = 1 mm, scale bar protoconch = 100 μ m. 19. *Pterynotus (Purpurellus) macleani* Emerson & d'Attilio, 1969. Holotype LACM 1230. 29.0 mm. 20. *Coralliophila macleani* Shasky, 1970. Holotype LACM 1411. 17.6 mm. 21. *Limatula macleani* Bernard, 1988. Holotype LACM 2336. 14.1 mm. 22. *Macron mcleani* Vermeij, 1998. Holotype LACM 2812. 23.1 mm. 23. *Drillia macleani* Tucker, 1992 (*nomen novum* for *D. sinuosa* McLean, 1971 *non* Bellardi, 1877). Holotype LACM 1491. 20.3 mm. 24. *Americoliva mcleani* Petuch & Myers, 2014. Holotype LACM 3269. 23.0 mm.

On a more personal level from the senior author, Jim was a devout liberal (“Friends don’t let friends vote Republican”), a Rolling Stones fan, and collector of succulents from all over the world, especially the euphorbiaceans (Fig. 17). He also enjoyed riding his bicycle along the beach in Santa Monica and Venice, loved hard candy, regularly went to the movies, and was a great dancer according to Anne Joffe [Sanibel, Florida] (pers. comm. 2018: Fig. 16). I was introduced to Jim at the May, 1986 meeting of the Conchological Club of Southern California by colleague and friend Dick Squires (LACMIP Research Associate) who stressed that “he’s a good person to know.” I was in the throes of my master’s degree work at that time and I visited the Malacology and Invertebrate Paleontology sections at LACM numerous times to compare fossil mollusks with Recent specimens and even had some in-depth faunal discussions with Jim. He delighted in telling me that my fossil specimens were “very dead shells.” Little did I know that barely two years later I would be working with him in Malacology. It has been an amazing 30+ years, and I’m still here at LACM. Thank you Jim!

Acknowledgements

MANY thanks to James’ brother Hugh McLean, South Windsor, Connecticut for generously providing information pertaining to James’ formative years, which influenced his decision to become a marine biologist. Gene Coan (Summerland Key, Florida), Pat LaFollette (LACM Associate), Richard Squires (LACMIP Associate), and Henry Chaney (Santa Barbara Museum of Natural History) have all provided anecdotal information over the years. The late Cathy McNassor (LACM archives) allowed access to notes about Jim in the museum archives. Thanks to Terri Toggai (former office manager LACM) for the tip regarding Jim’s penchant for The Rolling Stones!

Publications by James H. McLean, including new species

One hundred and forty-eight publications are credited to Jim and his numerous co-authors (88 peer-reviewed papers and serials, 45 meeting abstracts & posters, and 15 popular publications, book reviews, & obituaries). Topics include new species descriptions, biogeography, ecology, systematics, and even molluscan paleontology. These publications are listed with the date when known by the categories listed above. New taxa described by McLean and co-authors are noted following each publication in order of description within each paper. Systematic notes are included for taxa with status changes/current usage changes. † Denotes fossil taxa.

Peer-reviewed papers & serials:

- McLean, J.H. (1959) A new marine gastropod from west Mexico. *The Nautilus*, 73, 9–11 [July].
Decipifus gracilis
- McLean, J.H. (1960) *Batillaria cumingi*, introduced cerithiid in Elkhorn Slough. *The Veliger*, 2, 61–63 [January 1].
- McLean, J.H. (1961) Marine mollusks from Los Angeles Bay, Gulf of California. *Transactions of the San Diego Society of Natural History*, 12, 449–476 [August 15].
- McLean, J.H. (1962) Sublittoral ecology of kelp beds of the open coast area near Carmel, California. *Biological Bulletin*, 122, 95–114 [February]
- McLean, J.H. (1962) Manometric measurements of respiratory activity in *Tegula funebris*. *The Veliger*, 4, 191–193 [April 1].
- McLean, J.H. (1962) Feeding behaviour of the chiton *Placiphorella*. *Proceedings of the Malacological Society of London*, 35, 23–26 [April 1].
- McLean, J.H. (1964) New species of Recent and fossil west American aspidobranch gastropods. *The Veliger*, 7, 129–133 [October 1].
Lirularia bicostata
Solariella micraulax
Tegula (Agathistoma) mendella [= *Tegula (Agathistoma) eiseni* Jordan, 1936, according to McLean (1964: 133)]
†*Macrarena diegensis*
†*Homalopoma berryi* (fossil type material, Recent species)

- McLean, J.H. (1964) *Tegula eiseni* E.K. Jordan, 1936 prior to *Tegula mendella* McLean, 1964. *The Veliger*, 7, 133 [October 1].
- McLean, J.H. (1966) A new genus of Fissurellidae and a new name for a misunderstood species of west American *Diodora*. *Los Angeles County Museum of Natural History Contributions in Science*, 100, 1–8, [May 5].
Scelidotoma
Diodora arnoldi
- Kanakoff, G.P. & McLean, J.H. (1966) Recognition of the cancellariid genus *Neadmete* Habe, 1961, in the west American fauna, with description of a new species from the Lomita Marl of Los Angeles County, California. *Los Angeles County Museum of Natural History Contributions in Science*, 116, 1–6 [December 28].
†*Neadmete sutherlandi*
- McLean, J.H. (1967) West American species of *Lucapinella*. *The Veliger*, 9, 349–352 [January 1].
Lucapinella eleanorae
- McLean, J.H. (1967) West American Scissurellidae. *The Veliger*, 9, 404–410 [April 1].
- McLean, J.H. (1967) Note on the radula of *Mitromica* Berry, 1958. *The Veliger*, 10, 58 [July 1].
- DuShane, H. & McLean, J.H. (1968) Three new epitoniid gastropods from the Panamic Province. *Los Angeles County Museum of Natural History Contributions in Science*. 145, 1–6 [June 14].
Epitonium (Asperiscala) huffmani [= *Epitonium huffmani*, according to WoRMS]
Epitonium (Epitonium) shyorum [= *Epitonium shyorum*, according to WoRMS]
Amaea (Scalina) tehuancarum [= *Amaea tehuancarum*, according to WoRMS]
- Cowan, I.McT. & McLean, J.H. (1969) A new species of *Puncturella* (*Cranopsis*) from the northeastern Pacific. *The Veliger*, 11, 105–108 [October 1].
Puncturella (Cranopsis) decorata [= *Cranopsis decorata*, according to WoRMS]
- McLean, J.H. (1970) New species of Panamic marine gastropods. *The Veliger*, 12, 310–315 [January 1].
Arene guttata
Arene echinata
Vermicularia frisbeyae
Turritella willetti
Natica brunneolinea
Natica sigillata
Cantharus (Gemophos) berryi [= *Cantharus berryi*, according to WoRMS]
Fusinus allyni
- McLean, J.H. (1970) Descriptions of a new genus and eight new species of eastern Pacific Fissurellidae, with notes on other species. *The Veliger*, 12, 362–367 [January 1].
Tugali chilensis
Nesta galapagensis
Emarginula angusta
Emarginula dictya
Rimula astricta
Diodora punctifissa
Fissurella (Cremides) decemcostata [= *Fissurella decemcostata*, according to WoRMS]
Leurolepas
Leurolepas roseola
- McLean, J.H. (1970) Notes on the deep water calliostomas of the Panamic Province, with descriptions of six new species. *The Veliger*, 12, 421–426 [April 1].
Calliostoma gordanum
Calliostoma sanjaimense
Calliostoma veleroae
Calliostoma keenae
Calliostoma jacquelinae
Calliostoma santacruzianum
- McLean, J.H. & Poorman, L.H. (1970) Reinstatement of the turrid genus *Bellaspira* Conrad, 1868 (Mollusca: Gastropoda) with a review of the known species. *Los Angeles County Museum of Natural History Contributions in Science*, 189, 1–11 [May 4].
Bellaspira margaritensis
Bellaspira acclivicosta
Bellaspira clarionensis
- McLean, J.H. (1969 [1970]) New species of tropical eastern Pacific Gastropoda. *Malacological Review*, 2, 115–130, [May 8, 1970].

Haliotis (Padollus) roberti [= *Haliotis dalli roberti*, according to Geiger & Owen, 2012: 82.]
Scissurella (Anatoma) epicharis [= *Anatoma keenae*, according to Geiger (2012: 942–948)]
Scissurella (Anatoma) keenae [= *Anatoma keenae*, according to Geiger (2012: 942–948)]
Fissurella (Cylpidella) morrisoni [= *Fissurella morrisoni*, according to WoRMS]
Fissurella (Cremides) deroyae [= *Fissurella deroyae*, according to WoRMS]
Mirachelus galapagensis
Tegula (Agathistoma) bergeroni [= *Tegula bergeroni*, according to WoRMS]
Tegula (Agathistoma) corteziana [= *Tegula corteziana*, according to WoRMS]
Tegula (Agathistoma) felipensis [= *Tegula felipensis*, according to WoRMS]
Tegula (Agathistoma) picta [= *Tegula picta*, according to WoRMS]
Tegula (Agathistoma) verdispira [= *Tegula verdispira*, according to WoRMS]
Tegula (Agathistoma) verrucosa [= *Tegula verrucosa*, according to WoRMS]
Arene adusta
Arene ferruginosa
Arene stellata
Macrarene lepidotera
Tricolia diantha [= *Eulithidium diantha*, according to WoRMS]
Littorina albicarinata [= *Echinolittorina albicarinata*, according to WoRMS]
Turritella parkeri
Niso emersoni
Nassarius shaskyi

McLean, J.H. & Emerson, W.K. (1970) *Calotrophon*, a New World muricid genus (Gastropoda: Muricacea). *The Veliger*, 13, 57–62 [July 1].

McLean, J.H. (1970) New eastern Pacific subgenera of *Turbo* Linnaeus, 1758 and *Astraea* Röding, 1798. *The Veliger*, 13, 71–72 [July 1].

(*Chaenoturbo*)

(*Megastraea*) [= *Megastraea*, according to WoRMS]

McLean, J.H. (1970) On the authorship of Part V of Eschscholtz's "Zoologischer Atlas," 1833. *The Veliger*, 13, 112 [July 1].

Owen, B., McLean, J.H., & Meyer, R.J. (1971) Hybridization in the eastern Pacific abalones (*Haliotis*). *Bulletin of the Los Angeles County Museum of Natural History, Science*, 9, 1–37 [January 15].

McLean, J.H. (1971) Order Archaeogastropoda (up to Neritacea). In: Keen, A.M. (Ed.), *Sea Shells of Tropical West America: Marine Mollusks from Baja California to Peru, Second Edition*. Stanford University Press, Stanford, California, pp. 307–363 [March].

McLean, J.H. (1971) Family Turridae. In: Keen, A.M. (Ed.), *Sea Shells of Tropical West America: Marine Mollusks from Baja California to Peru, Second Edition*. Stanford University Press, Stanford, California, pp. 686–766 [March].

McLean, J.H. & Poorman, R. (1971) New species of tropical eastern Pacific Turridae. *The Veliger*, 14, 89–113 [July 1].

Calliclava jaliscoensis

Calliclava lucida

Calliclava rhodina

Calliclava subtilis

Elaeocyma amplinucis

Elaeocyma melichroa

Kylix contracta

Kylix woodringi

Leptadrillia firmichorda

Syntomodrillia vitrea

Agladrillia badia

Agladrillia flucticulus

Agladrillia gorgonensis

Drillia (Drillia) cunningghamae [= *Clathrodrillia berryi*, according to WoRMS]

Drillia (Drillia) inornata [= *Clathrodrillia inornata*, according to WoRMS]

Drillia (Drillia) sinuosa [Junior homonym of *D. sinuosa* Bellardi, 1877, renamed *D. macleani* Tucker, 1992]

Drillia (Drillia) tumida [= *Clathrodrillia tumida*, according to WoRMS]

Drillia (Drillia) valida [= *Clathrodrillia valida*, according to WoRMS]

Drillia (Clathrodrillia) berryi [= *Clathrodrillia berryi*, according to WoRMS]

Cerodrillia asymmetrica

Splendrillia academica
Splendrillia arga
Splendrillia bratcherae
Fusiturricula andrei
Crassispira (Dallspira) martiae [= *Crassispira martiae*, according to WoRMS]
Crassispira (Striospira) coracina [= *Crassispira coracina*, according to WoRMS]
Crassispira (Monilispira) currani [= *Crassispira currani*, according to WoRMS]
Lioglyphostoma rectilabrum
Maesiella maesae
Carinodrillia lachrymosa
Compsodrillia gracilis
Compsodrillia olssoni
Compsodrillia opaca
Compsodrillia undatichorda
Borsonella abrupta
Borsonella galapagana
Cymakra baileyi
Cymakra granata
Clathurella maryae [= *Etrema maryae*, according to WoRMS]
Glyphostoma (Glyphostoma) pustulosa
Glyphostoma (Glyphostoma) scobina
Euclathurella acclivicallis
Acmaturris ampla
Thelecythara dushanae
Kurtzia elenensis
Kurtzia humboldti
Pyrgocythara angulosa
Daphnella gemmulifera
Daphnella retusa
Rimosodaphnella deroyae
Philbertia shaskyi
Kermia informa
Vepracula tornipila

McLean, J.H. (1971) A revised classification of the family Turridae, with the proposal of new subfamilies, genera, and subgenera from the eastern Pacific. *The Veliger*, 14, 114–130 [July 1].

Calliclava
Pyrgospira
(Glossispira) [= *Glossispira*, according to WoRMS]
(Crassiclava) [= *Crassiclava*, according to WoRMS]
(Gibbaspira) [= *Gibbaspira*, according to WoRMS]
Doxospira
Maesiella
 Strictispirinae [= Strictispiridae, according to WoRMS]
Strictispira
Cleospira
 Zonulispirinae [= Pseudomelatomidae, according to WoRMS]
(Nymphispira) [= *Nymphispira*, according to WoRMS]
(Borsonellopsis) [= *Borsonellopsis*, according to WoRMS]
 Clathurellinae [= Clathurellidae, according to WoRMS]
Bellacythara
Truncadaphne
Microdaphne

McLean, J.H. (1979) A new monoplacophoran limpet from the continental shelf off southern California. *Natural History Museum of Los Angeles County Contributions in Science*, 307, 1–19 [March 16].

(Laevipilina) [= *Laevipilina*, according to WoRMS]
Vema (Laevipilina) hyalina [= *Laevipilina hyalina*, according to WoRMS]

- McLean, J.H. & Nybakken, J.W. (1979) On the growth stages of *Conus fergusonii* Sowerby, 1873, the reinstatement of *Conus xanthicus* Dall, 1910, and a new species of *Conus* from the Galápagos Islands. *The Veliger*, 22, 135–144 [October 1].
Conus kohni [= *Kohniconus kohni*, according to Tucker & Tenorio (2009: 146)]
- McLean, J.H. (1980) The Galapagos Rift limpet: Relevance to understanding the evolution of a significant Paleozoic-Mesozoic radiation. *Haliotis, Société Française de Malacologie*, 10, 170 [date unknown].
- McLean, J.H. (1981) The Galapagos Rift limpet *Neomphalus*: Relevance to understanding the evolution of a major Paleozoic-Mesozoic radiation. *Malacologia*, 21, 291–336 [June].
Neomphaloidea [as Neomphalacea]
Neomphalidae [raised to superfamily by Bouchet *et al.* (2017) [as Neomphalacea; includes Peltospiroidea McLean, 1989 (as Peltospiracea)] [includes Cyathermiidae McLean (1990), as synonymized by Bouchet *et al.* (2017)]
Neomphalus
Neomphalus fretterae
- Fretter, V., Graham, A., & McLean, J.H. (1981) The anatomy of the Galapagos Rift limpet, *Neomphalus fretterae*. *Malacologia*, 21, 337–361 [June].
- Lindberg, D.R. & McLean, J.H. (1981) Tropical eastern Pacific limpets of the family Acmaeidae (Mollusca, Archaeogastropoda): Generic criteria and descriptions of six new species from the mainland and the Galápagos Islands. *Proceedings of the California Academy of Sciences*, 42, 323–339 [June 24].
Notoacmea ubiquita [= *Tectura ubiquita*, according to WoRMS]
Notoacmea pumila [= *Tectura pumila*, according to WoRMS]
Notoacmea rothi [= *Lottia rothi*, according to WoRMS]
Notoacmea immaculata [= *Lottia immaculata*, according to WoRMS]
Lottia mimica
Lottia smithi
- McLean, J.H. & Andrade, H. (1982) Large archibenthal gastropods of central Chile: Collections from an expedition of the R/V *Anton Bruun* and the Chilean shrimp fishery. *Natural History Museum of Los Angeles County Contributions in Science*, 342, 1–20 [December 13].
Diodora codoceoae
Calliostoma (Otukaia) delli [= *Maurea delli* or *Otukaia delli*, according to WoRMS]
Trophon bahamondei
Columbarium tomicici
Aeneator castillai
Cancellaria (Crawfordina) stuardoi [= *Merica stuardoi*, according to WoRMS]
- Bouchet, P., McLean, J.H., & Warén, A. (1983) Monoplacophorans in the North Atlantic. *Oceanologica Acta*, 6, 117–118 [date unknown].
- McLean, J.H. (1984) New species of northeast Pacific archaeogastropods. *The Veliger*, 26, 233–239 [January 3].
Anatoma baxteri [= *Anatoma lyra* (Berry, 1947), according to Geiger (2012: 964–972)]
Puncturella rothi
Margarites hickmanae
Calliostoma titanium [= *Akoya platinum* Dall, 1890, according to Tuskes this volume]
Calliostoma bernardi [= *Akoya platinum* Dall, 1890, according to Tuskes this volume]
Lirularia discors
Halystylus genecoani
Homalopoma draperi
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Spiromoellaria kachemakensis
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Medusafissurella
Dendrofissurella
Amblychilepas platyactis
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Cataeginae
Cataegis
Cataegis toreuta [= *Cataegis finkli* Petuch, 1987, according to WoRMS]
Cataegis meroglypta [= *Kanoia meroglypta*, according to WoRMS]
Cataegis celebesensis
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Pyropeltidae
Pyropelta
Pyropelta musaica
Pyropelta corymba
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Cocculina baxteri
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Pseudoliotina springsteeni
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Amphiplica knudseni
Yaquinabyssia careyi
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Lepetodrilacea
Lepetodrilidae [includes Gorgoleptidae McLean, 1988 and Clypeosectidae McLean, 1989, according to Bouchet *et al.* (2017)]
Lepetodrilus
Lepetodrilus pustulosus
Lepetodrilus elevatus
Lepetodrilus elevatus galriftensis
Lepetodrilus ovalis
Lepetodrilus cristatus
Lepetodrilus guaymasensis
Lepetodrilus fucensis
Gorgoleptidae
Gorgoleptis
Gorgoleptis emarginatus

- Gorgolettis spiralis*
Gorgolettis patulus
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Peltospiracea
Peltospiridae
Peltospira
Peltospira operculata
Peltospira delicata
Nodopelta
Nodopelta heminoda
Nodopelta subnoda
Rhynchopelta
Rhynchopelta concentrica
Echinopelta
Echinopelta fistulosa
Hirtopelta
Hirtopelta hirta
- McLean, J.H. (1989) New slit-limpets (Scissurellacea and Fissurellacea) from hydrothermal vents. Part 1. Systematic descriptions and comparisons based on shell and radular characters. *Natural History Museum of Los Angeles County Contributions in Science*, 407, 1–29 [August 14].
Anatominae [raised to family by Geiger (2012:732)]
Temnocinclinae
Temnocinclis
Temnocinclis euripes
Temnozaga
Temnozaga parilis
Sutilizoninae [raised to family and includes Temnocinclinae McLean, 1989, according to Bouchet *et al.* (2017)]
Sultizona
Sultizona theca
Clypeosectidae
Clypeosectus
Clypeosectus delectus
Clypeosectus curvus
Pseudorimula
Pseudorimula marianae
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Cyathermiidae [= Neomphalidae, as synonymized by Bouchet *et al.* (2017)]
Symmetromphalus
Symmetromphalus regularis
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Lepetopsina [included in Patellogastropoda, according to Bouchet *et al.* (2017)]
Lepetopsacea [included in Lottioidea, according to Bouchet *et al.* (2017)]
Neolepetopsidae
Neolepetopsis
Neolepetopsis gordensis
Neolepetopsis densata
Neolepetopsis verruca
Neolepetopsis occulta

Eulepetopsis
Eulepetopsis vitrea
Paralepetopsis
Paralepetopsis floridensis
Lepetopsidae

Hickman, C.S. & McLean, J.H. (1990) Systematic revision and suprageneric classification of trochacean gastropods. *Natural History Museum of Los Angeles County Science Series*, 35, vi + 1–169 [November 22].

Moelleriinae
Prisogasterinae
Gabrieloninae
Calliotropini [synonymized into Eucyclidae by Bouchet *et al.* (2017)]
Gazini [synonymized into Margaritidae by Bouchet *et al.* (2017)]
Lirulariinae [synonymized into Umboniinae by Bouchet *et al.* (2017)]
Monileini [synonymized into Umboniinae by Bouchet *et al.* (2017)]
Bankiviini [synonymized into Umboniinae by Bouchet *et al.* (2017)]

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Punctabyssia
Punctabyssia tibbettsi
(*Dictyabyssia*) [= *Caymanabyssia*, according to WoRMS]
Caymanabyssia (*Dictyabyssia*) *fosteri* [= *Caymanabyssia fosteri*, according to WoRMS]
Caymanabyssia (*Dictyabyssia*) *vandoverae* [= *Caymanabyssia vandoverae*, according to WoRMS]
(*Gordabyssia*) [= *Amphiplica*, according to WoRMS]
Amphiplica (*Gordabyssia*) *gordensis* [= *Amphiplica gordensis*, according to WoRMS]

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Buridrillia deroyorum

McLean, J.H. (1992) A new species of *Pseudorimula* (Fissurellacea: Clypeosectidae) from hydrothermal vents of the mid-Atlantic Ridge. *The Nautilus*, 106, 115–118 [August 21].

Pseudorimula midatlantica

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Choristella nofronii
Choristella ponderi
Choristella hickmanae
Bichoristes
Bichoristes wareni

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Cocculina craigsmithi
Pyropelta wakefieldi

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Lepetodrilus corrugaus

McLean, J.H. (1995) Four new genera for northeastern Pacific prosobranch gastropods. *The Nautilus*, 108, 39–41 [March 7].

Benthobulbus
Pseudosabinella
Ocenotrophon
Retimohnia

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(*Costomargarites*)
(*Grandicrepidula*) [= *Grandicrepidula*, according to WoRMS]
Pseudotaranis

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Cocculina emsoni
Coccapigya mikkelsenae
Notocrater houbricki
Notocrater youngi
Kaiparapelta askewi
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Megomphalus schmiederi
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Scabrotrophon
Scabrotrophon grovesi
Scabrotrophon clarki
Crockerella scotti
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Manganesepta
Manganesepta hessleri
Profundisepta
Clathrosepta
Clathrosepta depressa
Clathrosepta becki
Cornisepta
Cornisepta leviniae
Cornisepta verenae
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Torrellivelutina
Subniso
Retidrillia
Perimangelia
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†*Sohlipoma*

Liotipoma

Liotipoma wallisensis

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Neolepetopsis nicolasensis

Paralepetopsis clementensis

Paralepetopsis tunnicliffae

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Sinezona kayae

Sinezona hawaiiensis

Sinezona carolarum

Coronadoa demisispira

Anatoma alternatisculpta

Anatoma disciformis

Anatoma plicatazona

Thielella peruviana [= *Anatoma peruviana*, according to Geiger (2012: 1004–1007)]

Thielella bathypacifica [= *Anatoma bathypacifica*, according to Geiger (2012: 806–809)]

McLean, J.H. (2011) Reinstatement of the fissurellid subfamily Hemitominae, with the description of new genera, and proposed evolutionary lineage, based on morphological characters of shell and radula (Gastropoda: Vetigastropoda). *Malacologia*, 54, 407–427 [October 25].

Hemimarginula

Octomarginula

Variagemarginula

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Liotipomatinae

Liotipoma mutabilis

Liotipoma dimorpha

Liotipoma magna

Liotipoma lifouensis

Liotipoma solaris

Liotipoma splendida

Liotipoma clausa

Depressipoma

Depressipoma kwajaleina

Depressipoma laddi

Rhombipoma

Rhombipoma rowleyana

Paraliotipoma

Paraliotipoma sirenkoi

Areneidae

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Xeniestomatinae

Xeniostoma

Xeniostoma inexpectans

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Dissertation:

- McLean, J.H. (1966) West American prosobranch Gastropoda: Superfamilies Patellacea, Pleurotomariacea and Fissurellacea [Ph.D. dissertation]. Stanford University, Stanford, California, x + 262 p. [June].
- McLean, J.H. (1967) West American prosobranch Gastropoda: Superfamilies Patellacea, Pleurotomariacea and Fissurellacea. *Dissertation Abstracts*, 28, 2 unnumbered pages [date unknown].

Taxa named by James H. McLean, systematic order

At least 344 gastropod taxa and two monoplacophoran taxa described by J.H. McLean and co-authors are listed in systematic order following the classification of Bouchet *et al.* (2017). These 344 taxa include one order, four superfamilies, 10 families, 13 subfamilies, four tribes, 58 genera, 11 subgenera, 242 species, and one subspecies. Note that some higher-level taxa have been raised and/or lowered and some have been placed in synonymy. Updated taxonomy, when known, is noted following each entry. †Denotes fossil taxa

Mollusca

Class Monoplacophora

Order Trybidiida

Neopilinoidea

Neopilinidae

(*Laevipilina*) McLean (1979) [= *Laevipilina*, according to WoRMS]

Vema (*Laevipilina*) *hyalina* McLean (1979) [= *Laevipilina hyalina*, according to WoRMS]

Class Gastropoda

Subclass Patellogastropoda

Order Patellida [includes Lepetopsina McLean (1990)]

Lottioidea [includes Lepetopsoidea McLean (1990) [as Lepetopsacea]]

Lottidae

Lottia mimica Lindberg & McLean (1981)

Lottia smithi Lindberg & McLean (1981)

Notoacmea immaculata Lindberg & McLean (1981) [= *Lottia immaculata*, according to WoRMS]

Notoacmea pumila Lindberg & McLean (1981) [= *Tectura pumila*, according to WoRMS]

Notoacmea rothi Lindberg & McLean (1981) [= *Lottia rothi*, according to WoRMS]

Notoacmea ubiquita Lindberg & McLean (1981) [= *Tectura ubiquita*, according to WoRMS]

Lepetidae

Iothia lindbergi McLean (1985)

Lepetopsidae McLean (1990)

Neolepetopsidae McLean (1990)

Eulepetopsis McLean (1990)

Eulepetopsis vitrea McLean (1990)
Neolepetopsis McLean (1990)
Neolepetopsis densata McLean (1990)
Neolepetopsis gordensis McLean (1990)
Neoleptopsis nicolasensis McLean (2008)
Neolepetopsis occulta McLean (1990)
Neolepetopsis verruca McLean (1990)
Paralepetopsis McLean (1990)
Paraleptopsis clementensis McLean (2008)
Paraleptopsis floridensis McLean (1990)
Paraleptopsis tunnicliffae McLean (2008)

Subclass Neomphaloinea

Neomphaloidea McLean (1981) [as Neomphalacea; includes Peltospiroidea McLean (1989: as Peltospiracea)]

Neomphalidae McLean (1981) [includes Cyathermiidae McLean (1990), as synonymized by Bouchet *et al.* (2005)]

Neomphalus McLean (1981)
Neomphalus fretterae McLean (1981)
Symmetromphalus McLean (1990)
Symmetromphalus regularis McLean (1990)

Peltospiridae McLean (1989)

Echinopelta McLean (1989)
Echinopelta fistulosa McLean (1989)
Hirtopelta McLean (1989)
Hirtopelta hirta McLean (1989)
Nodopelta McLean (1989)
Nodopelta heminoda McLean (1989)
Nodopelta subnoda McLean (1989)
Peltospira McLean (1989)
Peltospira delicata McLean (1989)
Peltospira operculata McLean (1989)
Rhynchopelta McLean (1989)
Rhynchopelta concentrica McLean (1989)

Order Cocculinida

Cocculinoidea

Cocculinidae

Cocculina baxteri McLean (1987)
Cocculina cowani McLean (1987)
Cocculina craigsmithi McLean (1992)
Cocculina emsoni McLean & Harasewych (1995)
Cocculina messingi McLean & Harasewych (1995)
Coccopyga mikkelsenae McLean & Harasewych (1995)

Subclass Vetigastropoda

Order Seguenziida

Seguenzioidea

Seguenziidae

Seguenzia quinni McLean (1985)

Choristellidae

Bichoristes McLean (1992)
Bichoristes wareni McLean (1992)

Choristella hickmanae McLean (1992)
Choristella marshalli McLean (1992)
Choristella nofronii McLean (1992)
Choristella ponderi McLean (1992)

Calliotropini Hickman & McLean (1990) [= Eucyclidae according to WoRMS]

Order Lepetellida

Lepetelloidea

Addisoniidae

Addisonia brophyi McLean (1985)

Bathyphytophilidae

Bathyphytophilus diegensis Haszprunar & McLean (1996)

Pseudococculinidae

Amphiplica knudseni McLean (1988)

Amphiplica venezuelensis McLean (1988)

(*Gordabyssia*) McLean (1991) [= *Amphiplica*, according to WoRMS]

Amphiplica (*Gordabyssia*) *gordensis* McLean (1991) [= *Amphiplica gordensis*, according to WoRMS]

(*Dictyabyssia*) McLean (1991) [may = *Caymanabyssia*, according to WoRMS]

Caymanabyssia (*Dictyabyssia*) *fosteri* McLean (1991) [= *Caymanabyssia fosteri*, according to WoRMS]

Caymanabyssia (*Dictyabyssia*) *vandoverae* McLean (1991) [= *Caymanabyssia vandoverae*, according to WoRMS]

Kaiparapelta askewi McLean & Harasewych (1995)

Notocrater houbrieki McLean & Harasewych (1995)

Notocrater youngi McLean & Harasewych (1995)

Punctabyssia McLean (1991)

Punctabyssia tibbettsi McLean (1991)

Yaquinabyssia careyi McLean (1988)

Pyropeltidae McLean & Haszprunar (1987)

Pyropelta McLean & Haszprunar (1987)

Pyropelta corymba McLean & Haszprunar (1987)

Pyropelta musaica McLean & Haszprunar (1987)

Pyropelta wakefieldi McLean (1992)

Fissurelloidea

Fissurellidae

Amblychilepas platyactis McLean & Kilburn (1986)

Clathrosepta McLean & Geiger (1998)

Clathrosepta becki McLean & Geiger (1998)

Clathrosepta depressa McLean & Geiger (1998)

Cornisepta McLean & Geiger (1998)

Cornisepta levinae McLean & Geiger (1998)

Cornisepta verena McLean & Geiger (1998)

Dendrofissurella McLean & Kilburn (1986)

Diodora arnoldi McLean (1966)

Diodora codoceoae McLean & Andrade (1982)

Diodora punctifissa McLean (1970)

Emarginula angusta McLean (1970)

Emarginula dictya McLean (1970)

Fissurella (*Clypidella*) *morrisoni* McLean (1969 [1970]) [= *Fissurella morrisoni*, according to WoRMS]

Fissurella (*Cremides*) *decemcostata* McLean (1970) [= *Fissurella deceocostata*, according to WoRMS]

Fissurella (*Cremides*) *deroyae* McLean (1969 [1970]) [= *Fissurella deroyae*, according to WoRMS]

Hemimarginula McLean (2011)

Leurolepas McLean (1970)
Leurolepas roseola McLean (1970)
Lucapinella eleanorae McLean (1967)
Manganesepta McLean & Geiger (1998)
Manganesepta hessleri McLean & Geiger (1998)
Medusafissurella McLean & Kilburn (1986)
Nesta galapagensis McLean (1970) [= *Zeidora galapagensis*, according to WoRMS]
Octomarginula McLean (2011)
Profundisepta McLean & Geiger (1998)
Puncturella rothi McLean (1984)
Puncturella (Cranopsis) decorata Cowan & McLean (1968) [= *Cranopsis decorata*, according to WoRMS]
Rimula astricta McLean (1970)
Scelidotoma McLean (1966)
Tugali chilensis McLean (1970)
Variagemarginula McLean (2011)

Haliotoidea

Haliotidae

Haliotis (Padollus) roberti McLean (1969 [1970]) [= *Haliotis dalli roberti*, according to Geiger & Owen, 2012: 82.]

Lepetodriloidea McLean 1988 [as Lepetodrilacea]

Lepetodrilidae McLean 1988 [includes Gorgoleptidae McLean, 1988 and Clypeosectidae McLean, 1989]

Clypeosectus McLean (1989)
Cylpeosectus curvus McLean (1989)
Clypeosectus delectus McLean (1989)
Gorgoleptis McLean (1988)
Gorgoleptis emarginatus McLean (1988)
Gorgoleptis patulus McLean (1988)
Gorgoleptis spiralis McLean (1988)
Lepetodrilus McLean (1988)
Lepetodrilus corrugatus McLean (1993)
Lepetodrilus cristatus McLean (1988)
Lepetodrilus elevatus McLean (1988)
Lepetodrilus elevatus galriftensis McLean (1988)
Lepetodrilus fucensis McLean (1988)
Lepetodrilus galriftensis McLean (1988)
Lepetodrilus guaymasensis McLean (1988)
Lepetodrilus ovalis McLean (1988)
Lepetodrilus pustulosus McLean (1988)
Lepetodrilus tevnianus McLean (1993)
Pseudorimula McLean (1989)
Pseudorimula marianae McLean (1989)
Pseudorimula midatlantica McLean (1992)

Sutilizonidae McLean (1989 [as Sultizoninae, elevated to Sutilizonidae by Bouchet *et al.*, (2017); includes Temnocinclinae McLean, 1989]

Sutilizona McLean (1989)
Sutilizona theca McLean (1989)
Sutilizoninae McLean (1989)
Temnocinclis McLean (1989)
Temnocinclis euripes McLean (1989)
Temnozaga McLean (1989)
Temnozaga parilis McLean (1989)

Scissurelloidea

Scissurellidae

Coronadoa demispirata Geiger & McLean (2010)

Sinezona carolarum Geiger & McLean (2010)

Sinezona kayae Geiger & McLean (2010)

Sinezona hawaiiensis Geiger & McLean (2010)

Anatominæ McLean (1989) [Anatomidae according to Geiger (2012: 732)]

Anatoma alternatisculpta Geiger & McLean (2010)

Anatoma baxteri McLean (1984) [= *Anatoma lyra* (Berry, 1947), according to Geiger (2012: 964–972)]

Anatoma disciformis Geiger & McLean (2010)

Scissurella (*Anatoma*) *epicharis* McLean (1969 [1970]) [= *Anatoma keenae*, according to Geiger (2012: 942–948)]

Scissurella (*Anatoma*) *keenae* McLean (1969 [1970]) [= *Anatoma keenae*, according to Geiger, 2012: 942–948]]

Anatoma plicatazona Geiger & McLean (2010)

Thielella bathypacifica Geiger & McLean (2010) [= *Anatoma bathypacifica*, according to Geiger (2012: 806–809)]

Thielella peruviana Geiger & McLean (2010) [= *Anatoma peruviana*, according to Geiger (2012: 1004–1007)]

Order Trochoidea

Trochoidea

Trochidae

Agathodon nortoni McLean (1984) [= *Clypeostoma nortoni*, according to WoRMS]

Cataeginae McLean & Quinn (1987)

Cataegis McLean & Quinn (1987)

Cataegis celebesensis McLean & Quinn (1987)

Cataegis meroglypta McLean & Quinn (1987) [= *Kanoia meroglypta*, according to WoRMS]

Cataegis toreuta McLean & Quinn (1987) [= *Cataegis finkli* Petuch, 1987, according to WoRMS]

(*Costomargarites*) McLean (1995)

Halistylus genecoani McLean (1984)

Lirularia bicostata McLean (1964)

Lirularia discors McLean (1984)

Mirachelus galapagensis McLean (1969 [1970])

Margarites hickmanae McLean (1984)

Solariella micraulax McLean (1964)

Subfamily Umboniinae [includes Lirulariinae, Monileini, Bankiviini Hickman & McLean (1990)]

Areneidae McLean (2012)

Arene adusta McLean (1969 [1970])

Arene echinata McLean (1970)

Arene ferruginosa McLean (1969 [1970])

Arene guttata McLean (1970)

Arene stellata McLean (1969 [1970])

Bathylotina glassi McLean (1988)

†*Macrarene diegensis* McLean (1964)

Macrarene digitata McLean, Absalão, & Santos Cruz (1988)

Macrarene lepidotera McLean (1969 [1970])

Pseudoliotina springsteeni McLean (1988)

Calliostomatidae

Calliostoma bernardi McLean (1984) [= *Akoya platinum* (Dall, 1890), according to Tuskes this volume]

Calliostoma gordanum McLean (1970)

Calliostoma jacquelinae McLean (1970)

Calliostoma keenae McLean (1970)

Calliostoma sanjaimense McLean (1970)

Calliostoma santacruzianum McLean (1970)

Calliostoma titanium McLean (1984) [= *Akoya platinum* (Dall, 1890), according to Tuskes this volume]

Calliostoma veleroae McLean (1970)

Calliostoma (Otukaia) delli McLean & Andrade (1982) [= *Maurea delli* or *Otukaia delli*, according to WoRMS]
Xeniosomatinae McLean (2012)
Xeniosoma McLean (2012)
Xeniosoma inexpectans McLean (2012)

Colloniidae

Depressipoma McLean (2012)
Depressipoma kwajaleina McLean (2012)
Depressipoma laddi McLean (2012)
Liotipomatinae McLean (2012)
Liotipoma McLean & Kiel (2007)
Liotipoma clausa McLean (2012)
Liotipoma dimorpha McLean (2012)
Liotipoma lifouensis McLean (2012)
Liotipoma magna McLean (2012)
Liotipoma mutabilis McLean (2012)
Liotipoma solaris McLean (2012)
Liotipoma splendida McLean (2012)
Liotipoma wallisensis McLean & Kiel (2007)
Moelleriinae Hickman & McLean (1990)
Paraliotipoma McLean (2012)
Paraliotipoma sirenkoi McLean (2012)
Rhombipoma McLean (2012)
Rhombipoma rowleyana McLean (2012)
†*Sohlipoma* McLean & Kiel (2007)

Margaritidae [includes *Gazini* Hickman & McLean (1990)]

Phasianellidae

Gabrieloninae Hickman & McLean (1990)

Tegulidae

Tegula (Agathistoma) bergeroni McLean (1969 [1970]) [= *Tegula bergeroni*, according to WoRMS]
Tegula (Agathistoma) corteziana McLean (1969 [1970]) [= *Tegula corteziana*, according to WoRMS]
Tegula (Agathistoma) felipensis McLean (1969 [1970]) [= *Tegula felipensis*, according to WoRMS]
Tegula (Agathistoma) mendella McLean (1964), [= *Tegula (Agathistoma) eiseni* Jordan, 1936, according to McLean 1964: 133, *Tegula eiseni*, according to WoRMS following 133]
Tegula (Agathistoma) picta McLean (1969 [1970]) [= *Tegula picta*, according to WoRMS]
Tegula (Agathistoma) verdispira McLean (1969 [1970]) [= *Tegula verdispira*, according to WoRMS]
Tegula (Agathistoma) verrucosa McLean (1969 [1970]) [= *Tegula verrucosa*, according to WoRMS]

Turbinidae

(*Chaenoturbo*) McLean (1970)
†*Homalopoma berryi* McLean (1964)
Homalopoma cordellensis McLean (1996)
Homalopoma draperi McLean (1984)
(*Megastraea*) McLean (1970) [= *Megastraea*, according to WoRMS]
Prisogasterinae Hickman & McLean (1990)
Spiromoelleria Baxter & McLean (1984)
Spiromoelleria kachemakensis Baxter & McLean (1984)
Tricolia diantha McLean (1969 [1970]) [= *Eulithidium diantha*, according to WoRMS]

Cohort Sorbeoconcha

Subcohort Cerithiimorpha

Cerithioidea

Turritellidae

Turritella parkeri McLean (1969 [1970])

Turritella willetti McLean (1970)

Vermicularia frisbeyae McLean (1970)

Suncohort Hypsogastropoda

Epitonioidae

Epitoniidae

Amaea (Scalina) tehuanaarum DuShane & McLean (1968) [= *Amaea tehuanaarum*, according to WoRMS]

Epitonium (Asperiscala) huffmani DuShane & McLean (1968) [= *Epitonium huffmani*, according to WoRMS]

Epitonium (Epitonium) shyorum DuShane & McLean (1968) [= *Epitonium shyorum*, according to WoRMS]

Littorinoidea

Littorinidae

Littorina albicarinata McLean (1969 [1970]) [= *Echinolittorina albicarinata*, according to WoRMS]

Naticoidea

Naticidae

Benthobulbus McLean (1995)

Natica brunneolinea McLean (1970)

Natica sigillata McLean (1970)

“Rissoform clade”

Vanikoroidea

Vanikoridae

Megalomphalus schmiederi McLean (1996)

Eulimidae

Niso emersoni McLean (1969 [1970])

Pseudosabinella McLean (1995)

Subniso McLean (2000)

Superorder Latrogastropoda

Calyptraeoidea

Calyptraeidae

(Grandicrepidula) McLean (1995) [= *Grandicrepidula*, according to WoRMS]

Cypraeoidea

Velutinidae

Torellivelutina McLean (2000)

Order Neogastropoda

Superfamily Volutoidea

Cancellariidae

Cancellaria (Crawfordina) stuardoi McLean & Andrade (1982) [= *Merica stuardoi*, according to WoRMS]

†*Neadmete sutherlandi* Kanakoff & McLean (1966)

Buccinoidea

Buccinidae

Aeneator castillai McLean & Andrade (1982)

Cantharus (Gemophos) berryi McLean (1970) [= *Cantharus berryi*, according to WoRMS]

Retimohnia McLean (1995)

Columbellidae

Decipifus gracilis McLean (1959)

Fasciolaridae

Fusinus allyni McLean (1970)

Nassariidae

Nassarius shaskyi McLean (1969 [1970])

Muricoidea

Muricidae

Boreotrophon hazardi McLean (1996)

Boreotrophon kabati McLean (1996)

Ocenotrophon McLean (1995)

Scabrotrophon McLean (1996)

Scabrotrophon clarki McLean (1996)

Scabrotrophon grovesi McLean (1996)

Trophon bahamondei McLean & Andrade (1982)

Turbinelloidea

Columbariidae

Columbarium tomicici McLean & Andrade (1982)

Conoidea

Borsoniidae

Borsonella abrupta McLean & Poorman (1971)

Borsonella galapagana McLean & Poorman (1971)

(*Borsonellopsis*) McLean (1971) [= *Borsonellopsis*, according to WoRMS]

Retidrillia McLean (2000)

Clathurellidae

Clathurellinae McLean (1971) [= Clathurellidae, according to WoRMS]

Clathurella maryae McLean & Poorman (1971) [= *Etrema maryae*, according to WoRMS]

Crockerella scotti McLean (1996)

Euclathurella acclivicallis McLean & Poorman (1971)

Glyphostoma (Glyphostoma) pustulosa McLean & Poorman (1971) [= *Glyphostoma pustulosa*, according to WoRMS]

Glyphostoma (Glyphostoma) scobina McLean & Poorman (1971) [= *Glyphostoma scobina*, according to WoRMS]

Conidae

Conus kohni McLean & Nybakken (1979) [= *Kohniconus kohni*, according to Tucker & Tenorio, 2009: 146]

Drilliidae

Agladrillia badia McLean & Poorman (1971)

Agladrillia flucticulus McLean & Poorman (1971)

Agladrillia gorgonensis McLean & Poorman (1971)

Bellaspira acclivicosta McLean & Poorman (1970)

Bellaspira clarionensis McLean & Poorman (1970)

Bellaspira margaritensis McLean & Poorman (1970)

Calliclava McLean (1971)

Calliclava jaliscoensis McLean & Poorman (1971)

Calliclava lucida McLean & Poorman (1971)

Calliclava rhodina McLean & Poorman (1971)

Calliclava subtilis McLean & Poorman (1971)

Cerodrillia asymmetrica McLean & Poorman (1971)

Drillia (Clathrodrillia) berryi McLean & Poorman (1971) [= *Clathrodrillia berryi*, according to WoRMS]

Drillia (Drillia) cunningghamae McLean & Poorman (1971) [= *Drillia cunningghamae*, according to WoRMS]

Drillia (Drillia) inornata McLean & Poorman (1971) [= *Drillia inornata*, according to WoRMS]
Drillia (Drillia) sinuosa McLean & Poorman (1971) [Junior homonym of *D. sinuosa* Bellardi, 1877, renamed *D. macleani* Tucker, 1992]
Drillia (Drillia) tumida McLean & Poorman (1971) [= *Drillia tumida*, according to WoRMS]
Drillia (Drillia) valida McLean & Poorman (1971) [= *Drillia valida*, according to WoRMS]
Elaeocyma amplinucis McLean & Poorman (1971)
Elaeocyma melichroa McLean & Poorman (1971)
Fusiturricula andrei McLean & Poorman (1971)
Kylix contracta McLean & Poorman (1971)
Kylix woodringi McLean & Poorman (1971)
Leptadrillia firmichorda McLean & Poorman (1971)
Splendrillia academica McLean & Poorman (1971)
Splendrillia arga McLean & Poorman (1971)
Splendrillia bratcheri McLean & Poorman (1971)
Syntomodrillia vitrea McLean & Poorman (1971)

Horaiclavidae

Thelecythara dushanae McLean & Poorman (1971)

Mangeliidae

Acmaturris ampla McLean & Poorman (1971)
Bellacythara McLean (1971)
Kurtzia elenensis McLean & Poorman (1971)
Kurtzia humboldti McLean & Poorman (1971)
Perimangelia McLean (2000)
Pyrgocythara angulosa McLean & Poorman (1971)

Mitromorphidae

Cymakra baileyi McLean & Poorman (1971)
Cymakra granata McLean & Poorman (1971)

Pseudomelatomidae [includes Zonulispirinae McLean (1971)]

Buridrillia deroyorum Emerson & McLean (1992)
Carinodrillia lachrymosa McLean & Poorman (1971)
Compsodrillia gracilis McLean & Poorman (1971)
Compsodrillia olssoni McLean & Poorman (1971)
Compsodrillia opaca McLean & Poorman (1971)
Compsodrillia undatichorda McLean & Poorman (1971)
(*Crassiclava*) McLean (1971) [= *Crassiclava*, according to WoRMS]
Crassispira (Dallspira) martiae McLean & Poorman (1971) [= *Crassispira martiae*, according to WoRMS]
Crassispira (Monilispira) currani McLean & Poorman (1971) [= *Crassispira currani*, according to WoRMS]
Crassispira (Striospira) coracina McLean & Poorman (1971) [= *Crassispira coracina*, according to WoRMS]
Doxospira McLean (1971)
(*Gibbaspira*) McLean (1971) [= *Gibbaspira*, according to WoRMS]
(*Glossispira*) McLean (1971) [= *Glossispira*, according to WoRMS]
Lioglyphostoma rectilabrum McLean & Poorman (1971)
Maesiella McLean (1971)
Maesiella maesae McLean & Poorman (1971)
(*Nymphispira*) McLean (1971) [= *Nymphispira*, according to WoRMS]
Pseudotaraxis McLean (1995)
Pyrgospira McLean (1971)

Zonulispirinae McLean (1971) [= Pseudomelatomidae, according to WoRMS]

Raphitomidae

Daphnella gemmulifera McLean & Poorman (1971)

Daphnella retusa McLean & Poorman (1971)
Kermia informa McLean & Poorman (1971)
Microdaphne McLean (1971)
Philbertia shaskyi McLean & Poorman (1971)
Rimosodaphnella deroyae McLean & Poorman (1971)
Truncadaphne McLean (1971)
Vepracula tornipila McLean & Poorman (1971)

Strictispirinae McLean (1971) [= Strictispiridae, according to WoRMS]

Cleospira McLean (1971)
Strictispira McLean (1971)

Taxa named for James H. McLean

In recognition of Jim's numerous contributions to Malacology, at least 40 taxa (1 genus and 39 species) have been named in his honor by colleagues (e.g. *Sinezona macleani* Geiger, 2006: Fig. 18). To date there are 35 gastropods (1 genus and 34 species), 2 bivalves, 2 chitons, and 1 scaphopod named in Jim's honor. This includes three species described in this volume. This includes three species described in this volume. † Denotes fossil taxa.

Abbreviations

ANSP: Academy of Natural Sciences of Drexel University, Philadelphia, Pennsylvania, USA.
CAS: California Academy of Sciences, San Francisco, California, USA.
LACM: Natural History Museum of Los Angeles County, Malacology Department, Los Angeles, California, USA.
LACMIP: Natural History Museum of Los Angeles County, Invertebrate Paleontology Department, Los Angeles, California, USA.
MNHN: Muséum National d'Histoire Naturelle, Paris, France.
NM: KwaZulu-Natal Museum, Pietermaritzburg, South Africa.
NMNZ: Museum of New Zealand, Te Papa Tongarewa, Wellington, New Zealand.
RASZI: Russian Academy of Sciences, Zoological Institute, St. Petersburg, Russia.
SBMNH: Santa Barbara Museum of Natural History, Santa Barbara, California, USA.
SGO: Museo Nacional de Historia Natural, Santiago, Chile.
SU: Stanford University, Stanford, California, USA (collections now at CAS).
USNM: National Museum of Natural History, Smithsonian Institution, Washington, DC, USA.
UWBM: University of Washington, Burke Museum of Natural History and Culture, Seattle, Washington, USA.

Calliostoma macleani Shasky & Campbell, 1964: 117–118, pl. 21, figs 21, 24. Holotype CAS 64691.00 [ex SU 9742].
Pterynotus (Purpurellus) macleani Emerson & d'Attilio, 1969: 147–148, pl. 26, figs 1–4. Holotype LACM 1230, paratype LACM 1273. [= *Purpurellus macleani*, according to WoRMS]. (see Fig. 19).
Coralliophila macleani Shasky, 1970: 189–190, fig. 4. Holotype LACM 1411, 1 paratype LACM 1412. (see Fig. 20).
Epitonium (Asperiscala) macleani DuShane, 1970: 3, fig. 2. Holotype LACM 1197, 8 paratypes LACM 1198. [= *Epitonium macleani*, according to WoRMS]
Decipifus macleani Keen, 1971: 588, fig. 1224. Holotype LACM 1266, 90 paratypes LACM 1267.
Engina macleani Olsson, 1971: 57, fig. 42. Holotype whereabouts unknown.
Tricolia macleani Marincovich, 1973: 25, figs 47, 56. Holotype LACM 1585, 275 paratypes LACM 1586. [= *Eulithidium macleani*, according to WoRMS]
Delonovolva macleani Cate, 1976: 159, fig. 5. Holotype LACM 1772. [= *Neosimnia macleani*, according to Lorenz & Fehse, 2009: 101]
Prunum (Prunum) macleani Roth, 1978: 4–6, figs 5–8. Holotype USNM 749065, 9 paratypes LACM 1778, paratype USNM 749066, paratype CASIZ 63481.00 (ex CASIZ 55607). [= *Prunum macleani*, according to WoRMS]
Ischnochiton macleani Ferreira, 1978: 36–39, figs 1–2. Holotype LACM 1853, 8 paratypes LACM 1854.

- Cadulus (Platyschides) macleani* Emerson, 1978: 122, figs 1–3. Holotype LACM 1886, 3 paratypes LACM 1887. [= *Cadulus macleani*, according to WoRMS]
- Lepidozona macleani* Ferreira, 1985: 425–427, figs 6–10. Holotype LACM 2004.
- †*Arene mcleani* Squires, 1988: 9–10, figs 9–11. Holotype LACMIP 7691, paratypes LACMIP 7692–7693.
- Limatula macleani* Bernard, 1988: 227, fig. 2. Holotype LACM 2336. [= *Limatula (Limatula) saturna* Bernard, 1978, according to Coan *et al.* (2000: 207)]. (see Fig. 21).
- Terebra macleani* Bratcher, 1988: 415, figs 3, 10. Holotype NM D473/3687, paratype NM D4809/ T3688. [= *Pristiterebra macleani*, according to Terryn (2007: 26)]
- Semele jamesi* Coan, 1988: 33–35, figs 62–63. Holotype SBMNH 34941, 28 paratypes SBMNH 34942.
- Provanna macleani* Warén & Bouchet, 1989: 94–95, fig. 112. Holotype LACM 2289, 3 paratypes LACM 2290, paratype USNM 859255.
- Drillia (Drillia) sinuosa* Tucker, 1992: 96–97, fig. 16. Holotype LACM 1491. (see Fig. 23).
- Eulimostraca macleani* Warén, 1992: 187, figs 11, 32, 34, 40. Holotype LACM 2370, paratype LACM 2371.
- Cantrainea macleani* Warén & Bouchet, 1993: 8–10, figs 4A–C, 5B, F–G, 6A. Holotype MNHN-IM-2000-31205 and paratype MNHN.
- Eatoniella (Albosabula) mcleani* Ponder & Worsford, 1994: 19, figs 11G, 12B, 13E–F. Holotype LACM 2668, 295 paratypes LACM 2669.
- Macron mcleani* Vermeij, 1998: 72–73, figs 16–17. Holotype LACM 2812. (see Fig. 22).
- †*Pseudoliotina mcleani* Sohl, 1998: 42–43, pl. 1, figs 2–3, 6–8, 11–12. Holotype USNM 468033, paratype USNM 468034.
- Macleaniella* Leal & Harasewych, 1999: 123. Type species *Macleaniella moskalevi* Leal & Harasewych, 1999.
- †*Bathybembix mcleani* Nielsen, Frassinetti & Bandek. 2004: 79–80, figs 33–36. Holotype SGO.PI.6002, paratype SGO.PI.6003.
- Sinezona macleani* Geiger, 2006: 16–19, figs 12–13. Holotype USNM 289748, paratype USNM 276829, NMNZ M257059, additional paratypes MNHN. (see Fig. 18).
- †*Prisogaster mcleani* DeVries, 2006: 145–146, figs 11–12, 20–21, 23–32. Holotype UWBM 97841, paratypes UWBM 97842–97843.
- †*Fissurella (Fisurella) mcleani* DeVries, 2008: 140–141, figs 55–57. Holotype UWBM 98475.
- Muricopsis (Muricopsis) mcleani* Wiedrick, 2009: 50–51, figs 1–2, 7–12. Holotype LACM 3097.
- Acirsa mcleani* Sirenko, 2009: 118–119, fig. 45. Holotype. RASZI 60876.
- Plicifusus mcleani* Sirenko, 2009: 130–131, fig. 87a–c. Holotype RASZI 60941 [= *Plicifusus rogersi* (Gould, 1860), according to WoRMS]
- †*Puncturella* (sensu lato) *mcleani* Kiel, Campbell & Gaillard, 2010: 29–31, fig. 2. Holotype UCMP 55740, paratypes UCMP 557041–557042, LACMIP 13558–13559.
- Ammonicera mcleani* Sartpro & Bieler, 2014: 8–10, fig. 5. Holotype LACM 3284, paratypes LACM 3285.
- Americoliva mcleani* Petuch & Myers, 2014: 67–68, figs 1C–D. Holotype LACM 3269, paratypes LACM 3270. (see Fig. 28).
- Philine mcleani* Valdés, Cadien & Gosliner, 2016: 522–524, figs 13–14. Holotype LACM 3434.
- Harfordia mcleani* Callomon & Snyder, 2017: 71–73, pl. 6, figs 51–54. Holotype ANSP 466314, paratypes ANSP 466315–466317, CAS 085771, LACM 3344, USNM 410415.
- Seguenzia macleani* Geiger, 2017: 231, figs 25–28. Holotype LACM 3321, paratypes LACM 3485–3486.
- Buccinum macleani* Clark, 2019, (this volume)
- Scabrotrophon macleani* Houart, Vermeij, & Wiedrick, 2019 (this volume)
- Paciocinebrina macleani* Houart, Vermeij, & Wiedrick, 2019 (this volume)

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