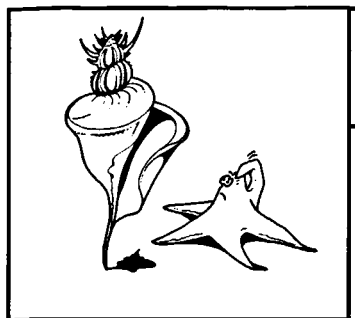




NIEUW BESCHREVEN CONTINENTALE MOLLUSKENSOORTEN

(NEW TAXA: CONTINENTAL MOLLUSCS)

R.A. Bank

Newly described species, rubricated at the family levels, with references to the malacological papers in which they were introduced.

CAMAENIDAE

- * *Solaropsis chicomendesi*. Described by CUEZZO & FERNÁNDEZ (2001, The Veliger, 44 (3): 315-324) from Santo Corazón, Santa Cruz Department, Bolivia.

CERESIDAE

- * *Tozerpina bittsi parva* and *Tozerpina lentis*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

CLAUSILIIDAE

- * *Alopi* (*Kimakowiczia*) *maciana*. Described by BADARAU & SZEKERES (2001, Archiv für Molluskenkunde, 129 (1-2): 65-68) from the Gilau-Muntele Mare mountains, Romania.
- * Four new genera: *Celsiphaedusa*, *Macrophaedusella*, *Serriphaedusa* and *Bathypitichia*. Six new subgenera: *Bathypitichia* (*Bathypitichia*), *Bathypitichia* (*Strictiphaedusa*), *Hemiphaedusa* (*Hemiphaedusoides*), *Hemiphaedusa* (*Labyrinthiphaedusa*), *Hemiphaedusa* (*Margaritiphaedusa*), and *Phaedusa* (*Metaphaedusa*). Ten new species: *Bathypitichia* (*B.*) *martensi*, *Euphaedusa* *costifera*, *E. krejci*, *E. yunnancola*, *Hemiphaedusa* (*Synprosphyra*) *ehrmanni*, *H. (S.) pseudinversa*, *Macrophaedusella* *jesuitica*, *Oospira* (*Formosana*) *schawalleri*, *Phaedusa* (*P.*) *boettgeri*, *P. (Metaphaedusa)* *pseudaculus*. Five new subspecies: *Euphaedusa* *gemina davidi*, *Hemiphaedusa* (*H.*) *pluvialis zilchi*, *H. (Margaritiphaedusa)* *protrita hunancola*, *H. (M.) rusticana amoena* and *Phaedusa* (*P.*) *potanini pretiosa*. Described by H. NORDSIECK (2001, Archiv für Molluskenkunde, 129 (1-2): 25-63) from mainland China.

CYCLOPHORIDAE

- * *Chamalycæus tangmaiensis* and *Dioryx tangmaiensis*. Described by CHEN & ZHANG (2001, Acta Zootaxonomica Sinica, 26 (1): 11-17) from Tongmai Town, Bomi County, Tibet.

EMMERICIIDAE

- * *Choerina todina* and *Choerina tudertis*. Described by ESU & GIROTTI (2001, Archiv für Molluskenkunde, 129 (1-2): 123-143) from Pliocene lacustrine clays at Todi, Umbria, Italy.
- * *Emmericia cauponina*. Described by ESU & GIROTTI (2001, Archiv für Mollusken-

kunde, 129 (1-2): 123-143) from uppermost Miocene/lower Pliocene lacustrine clays at Sambuca, Val di Pesa, Tuscany, Italy.

- * *Emmericia mollonensis*. Described by TRUC (2001, Archiv für Molluskenkunde, 129 (1-2): 123-143) from the late Miocene of Ravin de Mollon, Dép. Ain, France.

ENIDAE

- * *Ena markamensis*. Described by CHEN & ZHANG (2001, Acta Zootaxonomica Sinica, 26 (1): 11-17) from Chubaling Town, Markam County, Tibet.

GASTRODONTIDAE

- * *Nesokaliella intermedia*. Described by GERLACH (2001, Journal of Conchology, 37 (2): 205-212) from the island Silhouette, Seychelles.

HELICINIDAE

- * *Lucidella salishora* and *Lucidella columbiana*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

HELMINTHOGLYPTIDAE

- * *Xeranionta constenii*. A tertiary fossil described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

HUMBOLDTIANIDAE

- * *Skinnerelix rothi*. A tertiary fossil described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.
- * *Humboldtiana gradyi*, *H. pinicola*, *H. bicincta*, *H. edesma*, *H. latizona*, *H. porterae*, and *H. oreina*. Described by THOMPSON & BREWER (2000, Bulletin of the Florida Museum of Natural History, 43 (2): 49-77) from the Mexican states Nuevo León, Zacatecas, Durango, Querétaro and Coahuila. Two new subgenera were established: *Oreades* and *Polyomphala*.

HYDROBIIDAE

- * *Pyrgulopsis bedfordensis*. Described by HERSHLER & GUSTAFSON (2000, Proceedings of the Biological Society of Washington, 114 (1): 297-307) from headwater region of the Missouri River basin from southwest Montana (U.S.A.).

- * *Tryonia russelli*, *Cincinatia? bowmanana* and *Fluminicola calderense*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.
- * *Bythiospeum alzense*. A new name proposed by BOETERS (2001, Archiv für Molluskenkunde, 129 (1): 145-147) for a species formerly described from Burgkirchen, Bavaria, Germany.
- * *Boetersiella* and *Chondrobasis*. Two new genera described by ARCONADA & RAMOS (2001, Journal of Natural History, 35: 949-984) from Spain.
- * *Boetersiella davisi*. Described by ARCONADA & RAMOS (2001, Journal of Natural History, 35: 949-984) from Durcal and Padul (Granada, Spain).
- * *Chondrobasis levantina*. Described by RAMOS & ARCONADA (2001, Journal of Natural History, 35: 949-984) from five provinces from the east of Spain.

HYGROMIIDAE

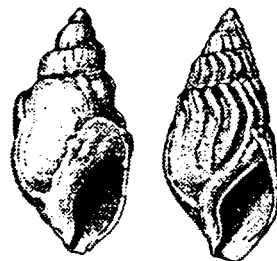
- * *Trochoidea (Xerocrassa) roblesi*. Described by MARTÍNEZ-ORTÍ (2000, IBERUS, 18 (2): 31-39) from Sierra Calderona, Valencia, Spain.

LYMNAEIDAE

- * *Lymnaea bowmanana* and *Lymnaea lacerta*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

MELANOPSIDAE

- * *Melanopsis sigmocerugata*. Mid-Pleistocene fossil described by HELLER & SIVAN (2001, Journal of Conchology, 37 (2): 127-147) from Gesher Benot Ya'aqov, Hula Valley, Israel.



Melanopsis vincta (right) and *Melanopsis sigmocerugata* (left) - HELLER & SIVAN, 2001, J. of Conch., 37: fig. 3F-G

OREOHELICIDAE

- * *Oreohelix dawsonae* and *Radiocentrum kintlana*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

PLANORBIDAE

- * *Helisoma triangulata*, *Planorbella fordensis*, *Biomphalaria spira*, *Menetus texus* and *Menetus hilli*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.
- * *Kessneria papillosa*. A new genus and new species described by WALKER & PONDER (2001, Journal of Molluscan Studies, 67 (2): 153-160) from the Adelaide River, Northern Territory, Australia.

PLEUROCIDAE

- * *Doryssa ipupiara*. Described by SIMONE (2001, Arquivos de Zoologia, 36 (2): 147-263) from Maracá Island (Apui Lake, Roraima, Brazil).

POLYGYRIDAE

- * *Praticolella lucifera*. A tertiary fossil described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

PUPILLIDAE

- * *Pupoides costatus*. A tertiary fossil

described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

- * *Pupilla quxuensis*. Described by CHEN & ZHANG (2001, Acta Zootaxonomica Sinica, 26 (1): 11-17) from Leicun Town, Zayu County, Tibet.

SPHAERIIDAE

- * *Sphaerium discus*. A tertiary fossil described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

SUBULINIDAE

- * *Tortaxis xiazayuensis*. Described by CHEN & ZHANG (2001, Acta Zootaxonomica Sinica, 26 (1): 11-17) from Xiazayu Town, Zayu County, China.

SUCCINEIDAE

- * *Oxyloma? kintlana* and *Omalonyx cocleare*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

THIARIDAE

- * *Aylacostoma exoplicata* and *Aylacostoma ci*. Described by SIMONE (2001, Arquivos de Zoologia, 36 (2): 147-263) from the Caraipé River (Tucuruí, Brazil) and Jamarí River (Rondônia, Brazil), respectively.

UROCOPTIDAE

- * *Holospira tabrumi*, *Holospira beardi* and *Coelostemma dawsonae*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

VALLONIIDAE

- * *Vallonia kootenayorum*. A tertiary fossil described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

VALVATIDAE

- * *Valvata procera spatiosa*. A tertiary fossil described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

VERTIGINIDAE

- * *Gastrocopta kintlana*, *Gastrocopta akokala*, *Vertigo consteniusi*, *Vertigo doliara* and *Vertigo micra*. Tertiary fossils described by PIERCE & CONSTENIUS (2001, Annals of Carnegie Museum, 70 (1): 1-112) from the northern Kishenehn Basin, Montana/British Columbia.

VITRINIDAE

- * *Plutonia (Insulivitrina) solemi*. Described by IBÁÑEZ & ALONSO (2001, Journal of Conchology, 37 (2): 149-157) from various localities on La Palma, Canary Islands.