**Appendix 1.** List of all Cenozoic pleurotomariid species with references, age and localities of occurrences along with their generic reassignments. Abbreviations: pbdb= Paleobiology Database.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Original/ Current Genus** | **Genera reassigned in the present study** | **Species** | **Author/References** | **Age** | **Localities** | **Locality References** |
| *Leptomaria* |  | *antipodensis* | Harasewych et al., 2009 | Paleocene (Danian) | Seymour Island, Antarctica | Harasewych et al., 2009 |
| *Leptomaria* |  | *larseniana* | (Wilkens, 1910) | Paleocene (Danian) | Seymour Island, Antarctica | Harasewych et al., 2009 |
| *Leptomaria* |  | *meyeri* | Pacaud, 2004 | Paleocene (Danian) | Montainville,Pont de Falaise, Yvelines, France | Pacaud, 2004, fig. 20: 2 |
| Denmark | Pacaud, 2004, fig. 20: 10 |
| *Leptomaria* |  | *penultima= P. montensis* Vincent, 1930 | (d'Orbigny, 1850b) | Paleocene (Danian) | La Falise, Yvelines, France | Pacaud, 2004, fig. 20: 1 |
| Belgium | Pacaud, 2004, fig. 20: 6 |
| Sweden | Pacaud, 2004, fig. 20: 12 |
| *Leptomaria* |  | *seymourensis* | Harasewych et al., 2009 | Paleocene (Danian) | Seymour Island, Antarctica | Harasewych et al., 2009 |
| *Leptomaria* |  | *stilweli* | Harasewych et al., 2009 | Paleocene (Danian) | Seymour Island, Antarctica | Harasewych et al., 2009 |
| *Leptomaria* |  | *sublevis* | Traub, 1979 | Paleocene (Thanetian) | Salzburg, Austria | Pacaud, 2004, fig. 20: 13 |
| *Leptomaria* |  | *perisii* | (d'Orbigny, 1850) | Paleocene (Danian) | France | Pacaud, 2004, fig. 20: 3 |
| *Leptomaria* |  | sp. | Kollmann and Peel, 1983 | Paleocene | Greenland | pbdb |
| *Leptomaria* |  | *landinensis* | Vincent, 1896 | Paleocene | Mons Basin, Belgium | Pacaud, 2004, fig. 20: 7;  Dupuis and Robaszynski,1986 |
| *Pleurotomaria* | ***Leptomaria*** | **cf. *subgigantea*** | **(d'Orbigny, 1850)** | Paleocene (Danian) | Bulgaria | Pacaud, 2004, fig. 20: 16 |
| *Conotomaria* |  | *bayeri* | Harasewych et al., 2009 | Paleocene (Danian) | Seymour Island, Antarctica | Harasewych et al., 2009 |
| *Conotomaria* |  | *kroisbachensis* | Traub, 1938 | Paleocene | Austria | Pacaud, 2004, fig. 20: 15 |
| *Conotomaria* |  | *sobralensis* | Harasewych et al., 2009 | Paleocene (Danian) | Seymour Island, Antarctica | Harasewych et al., 2009 |
| *Conotomaria* |  | *hochbergensis* | Traub, 1979 | Paleocene (Thanetian) | Austria | Pacaud, 2004, fig. 20: 14 |
| *Conotomaria* |  | sp. | Kollmann and Peel, 1983 | Paleocene | Greenland | pbdb |
| *Pleurotomaria* | ***Conotomaria*** | ***tintonensis*** | **(Whitfield, 1892)** | Paleocene (Danian) | New Jersey, USA | pbdb; Palmer and Brann, 1965 |
| *Pleurotomaria* | Uncertain | *danica* | Leymerie, 1878 | Paleocene (Danian) | Faxoe, Denmark | Leymerie, 1878 |
| France | Pacaud, 2004, fig. 20: 4 |
| *Pleurotomaria* | Uncertain | *tourtousensis* | Villatte, 1962 | Paleocene (Danian) | Tourtouse, France | Pacaud, 2004, fig. 20: 5 |
| *Pleurotomaria* | Uncertain | *niloticiformis* | von Schlotheim, 1820 | Paleocene (Danian) | Denmark | Pacaud, 2004, fig. 20: 9 |
| *Pleurotomaria* | Uncertain | *tadjikistanica* | Mironova, 1955; ref. Makarenko, 1958 | Paleocene (Danian) | Ukraine | Pacaud, 2004, fig. 20: 17 |
| Tadjikistan | Pacaud, 2004, fig. 20: 19 |
| *Pleurotomaria* | Uncertain | *krimensis* | Gorbach, 1972 | Paleocene (Danian) | Crimea | Pacaud, 2004, fig. 20: 18 |
| *Pleurotomaria* | Uncertain | *informal* sp. b | Palmer and Brann, 1966 | Paleocene (Danian) | Alabama, USA | pbdb |
| *Pleurotomaria* | Uncertain | *crotaloides* | Morton, 1834; Ref. Cook and Ramsdell, 1991; Pilsbry, 1896 | Paleocene (Danian) | New Jersey, USA | pbdb |
|  |  |  |  |  |  |  |
| *Leptomaria* |  | *pergranulosa* | (Whitfield, 1892) | Early- Middle Eocene | Shark river, New Jersey, USA | Palmer and Brann,1965; pbdb |
| *Leptomaria* |  | *landinensis* | (Vincent, 1896) | Early Eocene | Mons Basin, Belgium | Pacaud, 2004, fig. 20: 7 |
| *Leptomaria* |  | *whitfieldi* | (Vincent, 1896) | Eocene | Belgium | Vincent, 1896 |
| *Leptomaria* |  | *perisii* | (d'Orbigny, 1850) | Early Eocene | Nice, France | d'Orbigny, 1850 |
| Middle Eocene | Ardantz Sandstone, Spain | Astibia et al., 2018 |
| *Leptomaria* |  | *tertiaria* | (McCoy, 1876); Ref. Pritchard, 1903 | Middle Eocene | Upper Maude Beds, Geelong District, Lower portion of Moorabool Valley, Victoria, Australia | Pritchard, 1903 |
| Corio Bay, Australia | Pritchard, 1903 |
| *Leptomaria* |  | *perlata* | (Conrad, 1865) | Late Eocene | Shark River Formation, new Jersey, USA | Palmer and Brann, 1965 |
| *Leptomaria* |  | *gigantea* | (Whitfield, 1892) | Late Eocene | New Jersey, USA | Kellum, 1926, p. 25 |
| *Pleurotomaria* | ***Leptomaria*** | ***brittoni*** | **(Whitfield, 1892)** | Early Eocene | Manasquen Formation, New Jersey, USA | Palmer and Brann, 1965; pbdb |
| *Perotrochus* |  | *eocenicus* | Kuroda and Urata, 1964 | Middle Eocene | Roadside 1 km ENE from the Kattachi mine, Shimo takata, Omuta City, Fukuoda prefecture, Japan | Kuroda and Urata, 1964 |
| *Perotrochus* |  | *allani* | Marwick, 1928 | Early Eocene | Red Bluff Tuff, Chatham Islands, New Zealand | Campbell et al., 1993; pbdb |
| Waikaripi Cliffs, New Zealand | Campbell et al., 1993; pbdb |
| *Perotrochus* |  | *hanoverensis* | Kellum, 1926 | Middle- Late Eocene | Castle Hayne marl of Jackson, Wilmington, New Hanover County, North Carolina, USA | Kellum, 1926; pbdb |
| *Pleurotomaria* | ***Perotrochus*** | ***deshayesi*** | **(Bellardi, 1852)** | Middle Eocene | La palarea, Nice, France | Bellardi, 1852 |
| *Pleurotomaria* | ***Perotrochus*** | ***humilis*** | **(Schauroth, 1865)** | Late Eocene | Tuft of Nummulite Bendola Mountains, Veneto, Italy | Schauroth, 1865 |
| Priabona, Italy | Piccoli and Savazzi, 1983; pbdb |
| *Pleurotomaria* | ***Perotrochus*** | ***vicetinus*** | **(Schauroth, 1865)** | Late Eocene | Priabona, Vicenza, Italy | Malaroda, 1950 |
| *Perotrochus* |  | *sismondai* | (Goldfuss, 1844) | Late Eocene | Mandrikovka, Ukraine | Amitrov, 2018 |
| *Pleurotomaria* | ***Perotrochus*** | ***crearoi*** | **(Fabiani, 1908)** | Late Eocene | Crearo di Grancona, Vicenza, Italy | Fabiani, 1908 |
| Priabona, Italy | Piccoli and Savazzi, 1983; pbdb |
| *Entemnotrochus* |  | *siletzensis* | (Hickman, 1976) | Early Eocene | South slope of Marys peak Road, 0.5 km east of Gravel Creek, Oregon, USA | Hickman, 1976 |
| Extreme north edge of Alsea Quadrangle, Benton County, Oregon, USA | Hickman, 1976 |
| *Entemnotrochus* |  | *schencki* | (Hickman, 1976) | Middle- Late Eocene | Limestone at Oregon Portland Cement Company Quarry, Yamhill Formation, Oregon, USA | Hickman, 1976 |
| *Entemnotrochus* |  | *baldwini* | (Hickman, 1976) | Early Eocene | Calcereous tuffaceous grit in upper part of Ellendale Basalt Quarry, 3-5km W of Dallas, Polk County, Oregon, USA | Hickman, 1976 |
| *Entemnotrochus* |  | sp. | (Hickman, 1976) | Early Eocene | 1km N of black rocks in Putah Creek, 390 m E and 400m N of SE corner sec. 23, Yolo County, California, USA | Hickman, 1976 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***laevigatus*** | **(Oppenheim, 1912)** | Late Eocene | Crearo di Grancona, Vicenza, Italy | Malaroda, 1950, p. 185,186 |
| Costozza, Italy | Malaroda, 1950, p. 185, 186 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***lamarckii*** | **(Mayer, 1877)** | Early Eocene | M. canus, Istria, Croatia; Gherdosella, Istria, Croatia | Malaroda, 1950 |
| Late Eocene | Sangonini, Vicentino; Costozza, Italy | Malaroda, 1950 |
| Middle Eocene | Switzerland | Malaroda, 1950 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***lamarcki perstriatus*** | **(Malaroda, 1950)** | Late Eocene | Rozzo, Istria, Croatia | Malaroda, 1950 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***katzeri*** | **(Oppenheim, 1912)** | Eocene | Ovcarev vrelo, Bosnia and Herzegovina | Oppenheim, 1912 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***dalpiazi*** | **(Malaroda, 1950)** | Middle- Late Eocene | Venezia, Tridentina, Italy | Malaroda, 1950 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***bianconii*** | **(d'Archiac and Haime, 1854)** | Early Eocene | Yellowish coarse Limestone from Chalice of Hala, Sind, Baluchisthan, Pakistan;  Kutch, India | d'Archiac and Haime, 1854, p. 291, pl. XXVI, fig. 49 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***dalpiazi costozzensis*** | **(Malaroda, 1950)** | Late Eocene | Costozza, Italy | Malaroda, 1950, p. 185, pl. 5, fig. 3; pl. 6, fig. 4. |
| *Chelotia* |  | sp. | Campbell et al., 1993 | Early Eocene | Waikaripi Cliffs, New Zealand | Campbell et al., 1993; pbdb |
| *Chelotia* |  | *concava* | (Deshayes, 1832;1837) | Middle Eocene | Nummulite Priabona, Paris, France | Deshayes, 1832; 1837 |
| Early Eocene | di Ronca e S. Giovanni Ilarione (Veronese), Fruili, Italy | Malaoda, 1950, p. 189 |
| Middle Eocene | Baron, France | Piccoli and Savazzi, 1983; pbdb |
| Late Eocene | Mandrikovka,Ukraine | Amitrov, 2018 |
| *Chelotia* |  | sp. | Amitrov, 2018 | Late Eocene | Mandrikovka,Ukraine | Amitrov, 2018 |
| *Pleurotomaria* | ***Chelotia*** | ***puncticulosa*** | **(Gümbel, 1861)** | Eocene | Kressemberg, baden-Wurttenberg, Germany | Gümbel, 1861 |
| *Pleurotomaria* | ***Chelotia*** | ***michelini*** | **(d’Archiac, 1854)** | Eocene | Bains de Rennes, Audes, France | d’Archiac, 1854 |
| *Chelotia* |  | *pervicina* | Berezovsky and Pacaud, 2019 | Middle Eocene | Town of Ingulets, Krivoi Rog district, Dnepr Region, Ukraine | Berezovsky and Pacaud, 2019 |
| *Pleurotomaria* | Uncertain | *duboisi* | Mayer, 1856 | Eocene | Crimea, Ukraine | Mayer, 1856 |
| *Pleurotomaria* | Uncertain | *nummulitica* | Leymerie, 1878 | Eocene | Mancious, haute-Garonne, France | Leymerie, 1878 |
| *Pleurotomaria* | Uncertain | *kadin-kewiensis* | d’Archiac, 1866 | Eocene | Asia Minor, Turkey | d’Archiac, 1866 |
| *Pleurotomaria* | Uncertain | *kadin-koeviensis* | Pinar, 1951 | Middle Eocene | Catalca karecakoy, Turkey | Pinar, 1951; pbdb |
| *Pleurotomaria* | Uncertain | *schaurothi* | Oppenheim, 1912 | Late Eocene | Priabona, Veneto, Italy | Oppenheim, 1912 |
| *Pleurotomaria* | Uncertain | *nicarensis* | Bayan, 1870 | Eocene | Nice, Italy | Bayan, 1870 |
| *Pleurotomaria* | Uncertain | *genyi* | Mayer, 1877 | Eocene | Nice, Italy | Mayer, 1877 |
| *Pleurotomaria* | Uncertain | *nixus* | Tuomey, 1852; Ref. Palmer and Brann, 1965 | Middle Eocene | Claiborne Group, Caste Hayne Formation, North Carolina, USA | Tuomey, 1852; Ref. Palmer and Brann, 1965; pbdb |
| *Pleurotomaria* | Uncertain | *thebensis* | Oppenheim, 1912 | Early Eocene | Schech-Abd-et-Ourun, Thebes, Greece | pbdb |
| *Pleurotomaria* | Uncertain | spp. | Hickman, 1976 | Early Eocene | Beds near Seattle, Washington, USA | Hickman, 1976 |
| *Pleurotomaria* | Uncertain | spp. | Hickman, 1976 | Late Eocene | Crescent Formation in Northern Olympic Peninsula, Washington, USA | Hickman, 1976 |
| *Pleurotomaria* | Uncertain | sp. | Powell and Baum, 1982 | Middle Eocene | Upper Castle Hayne Limestone, North Carolina, USA | Powell and Baum, 1982; pbdb |
| *Pleurotomaria* | Uncertain | sp. | Meszaros, 1957 | Late Eocene | Rohia, Romania | Meszaros, 1957 |
| *Pleurotomaria* | Uncertain | sp. | Pritchard, 1903 | Eocene | Cape Otoway, Australia | Pritchard, 1903 |
| *Pleurotomaria* | Uncertain | indet. sp. | Campbell et al., 1993 | Early Eocene | Pitt island, New Zealand | Campbell et al., 1993; pbdb |
| *Pleurotomaria* | Uncertain | informal sp. a | Kellum, 1926 | Middle Eocene | Castle Hayne Formation, North Carolina, USA | Kellum, 1926; pbdb |
| *Pleurotomaria* | Uncertain | spp. | Durham, 1942 | Late Eocene | Puget Group, Seattle, Duwamish River, Washington, USA | Durham, 1942 |
| *Pleurotomaria* | Uncertain | cf. *dalmatina* | Dainelli, 1905 | Early Eocene | M. Plauris (Friuli), Italy | Malaroda, 1850, p. 189 |
| *Pleurotomaria* | Uncertain | sp. | Schweitzer et al., 2007 | Late Eocene | Cicekdag region, Antolia, Turkey | Schweitzer et al., 2007 |
| *Pleurotomaria* | Uncertain | sp. a | Kellum, 1926 | Late Eocene | Castle Hayne marl of Jackson, Wilmington, New Hanover County, North Carolina, USA | Kellum, 1926 |
| *Pleurotomaria* | Uncertain | sp. b | Kellum, 1926 | Late Eocene | Castle Hayne marl of Jackson, Wilmington, New Hanover County, North Carolina, USA | Kellum, 1926 |
| *Pleurotomaria* | Uncertain | *vacavillensis* | Hickman, 1976 | Early Eocene | Roadcut on North side of U.S. Highway 40 about 1.6 SW of Vacaville, Solano County, California, USA | Hickman, 1976 |
|  |  |  |  |  |  |  |
| *Perotrochus* |  | *allani* | Marwick, 1928 | Oligocene | Waikaripi, Waitangi, New Zealand | Marwick, 1928 |
| *Perotrochus* |  | *hsiehkwanghoi* | Lin, 1976 | Oligocene | Tachichio Valley, Siintien chen, taipei Prefecture, Taiwan | Lin, 1976 |
| *Perotrochus* |  | *isseli* | (Rovereto, 1900) | Oligocene | Piedmont Basin, NW Italy | Bonci et al., 2000 |
| *Perotrochus* |  | *masoni* | Maxwell, 1978 | Oligocene | Hakataramea Valley, South Island, New Zealand | Maxwell, 1978 |
| *Perotrochus* |  | *bassi* | (Pritchard, 1903) | Oligocene | Tasmania | Pritchard, 1903 |
| *Perotrochus* |  | *sp* | Bonci et al., 2000 | Oligocene | Piedmont Basin, NW Italy | Bonci et al., 2000 |
| *Perotrochus* |  | *bermotiensis* | n. sp.; Present paper; Figures 9(1-3) | Oligocene | Kutch, Gujarat, India | Present paper |
| *Perotrochus* |  | *sismondai* | Goldfuss, 1844 | Oligocene | Bunde, Germany | Goldfuss, 1844 |
| *Pleurotomaria* | ***Perotrochus*** | ***sismondai densicosta*** | **(Noszky, 1940)** | Oligocene | Kiscelli, Hungary | Noszky, 1940 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***dalpiazi*** | **(Malaroda, 1950)** | Oligocene | Monteviale, Vicentino, Italy | Malaroda, 1950 |
| *Entemnotrochus* |  | cf. *bianconii* | (d'Archiac and Haime, 1854); Present paper; Figures 7(1-5) | Oligocene | Kutch, Gujarat, India | Present paper |
| *Entemnotrochus*? |  | sp. 1 | Present paper; Figures 8(1-5) | Oligocene | Kutch, Gujarat, India | Present paper |
| *Pleurotomaria* | *Uncertain* | *retifera* | (Noszky, 1940) | Oligocene | Kiscelli, Hungary | Noszky, 1940 |
| Szepvology, Hungary | Noszky, 1940 |
|  |  |  |  |  |  |  |
| *Perotrochus* |  | *isseli* | (Rovereto, 1900) | Early- Middle Miocene | Venetian region, Italy | Bonci et al., 2000 |
| *Perotrochus* |  | *allani* | Marwick, 1928 | Early Miocene | Waikaripi, Waitangi, New Zealand | Marwick, 1928 |
| *Perotrochus* |  | *otoensis* | Kanno, 1961 | Middle Miocene | Oto, Japan | Kanno, 1961 |
| *Perotrochus* |  | *marwicki* | Fleming, 1970 | Early Miocene | Tarakohe, Takaha District, Nelson, New Zealand | Fleming, 1970 |
| *Perotrochus* |  | cf. *quoyana* | Jung, 1971 | Middle Miocene | Carriacou Islands, Grenadine, Eastern Carribean | Jung, 1971 |
| *Perotrochus* |  | *chiasienus* | Lai, 1984 | Late Miocene | Chiasien, Taiwan | Lai, 1984 |
| *Perotrochus* |  | sp*.* | Sami, 1999 | Early- Middle Miocene | Vicchio Marls, Northern Apennines, Italy | Sami, 1999 |
| *Perotrochus* |  | sp*.* | Hirayama, 1955 | Middle Miocene | Kutsukake, Iono-mura, Tochigi Prefecture, Japan | Hirayama, 1955 |
| *Pleurotomaria* | ***Perotrochus*** | ***carniolicus*** | **(Hilber, 1908)** | Middle Miocene | Tunjice, Carniola, Slovenia | Hilber, 1908 |
| *Pleurotomaria* | ***Perotrochus*** | ***styriacus*** | **(Hilber, 1908)** | Middle Miocene | Michael at Tuffer, Slovenia | Hilber, 1908 |
| *Perotrochus* |  | *sismondai* | (Goldfuss, 1844) | Early Miocene | Bunde, Germany | Goldfuss, 1844 |
| *Perotrochus* |  | *pedemontanus* | (Sacco, 1904) | Early Miocene | Rosignano Monferrato, Piedmont, Italy. | Ferrero Mortara et al., 1984; Vera-Palaez and Lozano-Francisco 2002 |
| *Entemnotrochus* |  | *gigas* | (Borson, 1821) | Middle Miocene | Czechhowice near Gliwice, Poland | Borson, 1821 |
| *Entemnotrochus* |  | *shikamai* | Kanie, 1973 | Early Miocene | Nokogiriyama area, Kyonan cho, Awa County, Chiba Prefecture, Japan | Kanie, 1973 |
| *Entemnotrochus* |  | *panchangwui* | Lin, 1975 | Middle Miocene | Taken Valley, Chunglia ohsiang, Nantou Prefecture, Taiwan | Lin, 1975 |
| *Entemnotrochus* |  | *siuyingae* | Lin, 1975 | Middle Miocene | Taken Valley, Chunglia ohsiang, Nantou Prefecture, Taiwan | Lin, 1975 |
| *Entemnotrochus* |  | *ozakii* | Kase and Katayama, 1981 | Late Miocene | 1.5km E of Makinogo, Shuzenji-cho, Tagata-gun, Shizuoka Prefecture, Japan | Kase and Katayama, 1981 |
| *Entemnotrochus* |  | *rumphii kushimotoensis* | Tomida and Sako, 2016 | Middle Miocene | Uematsu, Kushimoto cho, Higashimuro gun Wakayama Prefecture, Central Japan | Tomida and Sako, 2016 |
| *Entemnotrochus* |  | *kathiawarensis* | n. sp.; Present paper; Figure 6 (1-5) | Early Miocene | Near Kuranga Railway Station, Kuranga Village, Dwarka basin, Gujarat, India | Present paper |
| *Pleurotomaria* | ***Entemnotrochus*** | ***atlanticus*** | **(Cotter, 1892)** | Late Miocene | Santa Maria, Azores | Cotter, 1892 |
| *Pleurotomaria* | ***Entemnotrochus*** | ***dalpiazi*** | **(Malaroda, 1950)** | Early- Middle Miocene | Venezia, Tridentina, Italy | Malaroda, 1950 |
| *Mikadotrochus* |  | *nantoensis* | Lin, 1975 | Middle Miocene | Taken Valley, Chunglia ohsiang, Nantou Prefecture, Taiwan | Lin, 1975 |
| *Mikadotrochus* |  | cf*. yoshiwarai* | (Ozaki, 1954) | Late Miocene | Miura Peninsula and Boso Peninsula, Japan | Okumura and Yamagishi, 1992 |
| *Pleurotomaria* | Uncertain | sp*.* | Lyngdoh et al., 1999 | Early Miocene | Meghalaya, India | Lyngdoh et al., 1999 |
| *Pleurotomaria* | Uncertain | spp*.* | Rahiminejad et al., 2011 | Early Miocene | Zagros Valley, Iran | Rahiminejad et al., 2011 |
|  |  |  |  |  |  |  |
| *Perotrochus* |  | *aosimai* | Ozaki, 1958 | Pliocene | Cape Inuwaka, Tyosi City, Japan | Ozaki, 1958 |
| *Perotrochus* |  | cf. *quoyana* | Jung, 1971 | Late Pliocene | Carriacou Islands | Jung, 1970, 1971; Hickman, 1976 |
| *Perotrochus* |  | *brachoi* | Vera-Palaez and Lozano-Francisco, 2002 | Pliocene | Malaga, Spain | Vera-Palaez and Lozano-Francisco, 2002 |
| *Mikadotrochus* |  | *prope hirasei* | (Ozaki, 1954) | Pliocene | Cape Inuwaka, Japan | Ozaki, 1954 |
| Beach on the western end of Tokawa village, Japan |
| *Mikadotrochus* |  | cf*. yoshiwarai* | (Ozaki, 1954) | Late Pliocene | Choshi City, Japan | Okumura and Yamagishi, 1992 |
| Pliocene | Cape Inuwaka, Tyosi City, Japan | Ozaki, 1954 |
| *Mikadotrochus* |  | *yabei* | (Nomura and Niino, 1932) | Pliocene | Mera, Izu, Japan | Nomura and Niino, 1932 |
|  |  |  |  |  |  |  |
| *Entemnotrochus* |  | *gigas* | (Borson, 1821) | Pleistocene | Parlascio, Tuscany, Italy | Pritchard, 1903, p.89 |
| *Perotrochus* |  | cf. *quoyana* | Jung, 1971 | Pleistocene | Carriacou Islands | Jung, 1970, 1971; Hickman, 1976 |
| *Pleurotomaria* | Uncertain | *duchassaingii* | Schramm, 1869 | Pleistocene | Guadeloupe | Schramm, 1869 |
| *Pleurotomaria* | Uncertain | *fischeri* | Mayer MS in Bouvier and Fischer, 1898 | Pleistocene | Guadeloupe | Mayer MS in Bouvier and Fischer, 1898 |
|  |  |  |  |  |  |  |
| *Perotrochus* |  | *anseeuwi* | Kanazawa and Goto, 1991 | Recent | Balut Island, Philippines | Kanazawa and Goto, 1991; Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *amabilis* | Bayer, 1963 | Recent | Florida, Louisiana, Texas, USA | Bayer, 1963; Anseeuw and Goto, 1996 |
| Cuba | Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *atlanticus* | Rios and Matthews, 1968 | Recent | off São Sebastião, São Paulo, Brazil | Rios and Matthews, 1968; Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *caledonicus* | Bouchet and Metivier, 1982 | Recent | In 390-394 meters, SW of Isle des Pins, New Caledonia. | Bouchet and Metivier, 1982 |
| Coral Sea, Australia, NW Australia | Anseeuw and Goto, 1996 |
| New Guinea |
| South China Sea |
| *Perotrochus* |  | *deforgesi* | Metivier, 1990 | Recent | Chesterfield-Bellona Plateau, southwestern Pacific | Metivier, 1990; Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *gemma* | Bayer, 1965 | Recent | Barbados | Bayer, 1965 |
| *Perotrochus* |  | *quoyanus insularis* | Okutani and Goto, 1985 | Recent | Bermuda | Okutani and Goto, 1985; Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *lucaya* | Bayer, 1965 | Recent | Bahamas | Bayer, 1965; Anseeuw and Goto, 1996 |
| Venezuela | Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *maureri* | Harasewych and Askew, 1993 | Recent | South Carolina (USA) (marine) North west Atlantic | Harasewych and Askew, 1993; Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *oishii* | (Shikama, 1973) | Recent | West of Amami Ôshima Island, Kagoshima Prefecture, Japan | Shikama, 1973; Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *quoyanus quoyanus* | (Fischer and Bernardi, 1856) | Recent | Marie-Galante, Guadeloupe; Barbados; Yucatan; Cuba; Puerto Rico; Virgin Islands; Tobago Islands; West Indies; Dominica Island; Venezuala; Jamaica | Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *vicdani* | Kosuge, 1980 | Recent | Bohol, Philippines; South China Sea | Kosuge, 1980; Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *tosatoi* | Anseeuw et al., 2005 | Recent | French Guiana | Anseeuw et al., 2005 |
| *Perotrochus* |  | *pseudogranulosus* | Anseeuw et al., 2015 | Recent | Coral Sea, Australia | Anseeuw et al., 2015 |
| *Perotrochus* |  | *sunderlandorum* | Petuch and Berschauer, 2017 | Recent | Curacao Island | Petuch and Berschauer, 2017 |
| *Perotrochus* |  | *wareni* | Anseeuw et al., 2015 | Recent | New Caledonia | Anseeuw et al., 2015 |
| *Perotrochus* |  | *metivieri* | Anseeuw and Goto, 1995 | Recent | South China Sea. | Anseeuw and Goto, 1996 |
| *Perotrochus* |  | *charlestonensis* | Askew, 1988 | Recent | Off South Carolina, USA | Anseeuw and Goto, 1996 |
| *Entemnotrochus* |  | *adansonianus* | (Crosse and Fischer, 1861) | Recent | Bahamas to Brazil, Caribbean, Gulf of Mexico | Anseeuw and Goto, 1996 |
| *Entemnotrochus* |  | *adansonianus bermudensis* | Okutani and Goto, 1983 | Recent | Bermuda | Anseeuw and Goto, 1996 |
| *Entemnotrochus* |  | *rumphii* | (Schepman, 1879) | Recent | Moluccas, Philippines, Taiwan, East China Sea, Japan | Anseeuw and Goto, 1996 |
| *Entemnotrochus* |  | *urashima* | Shikama and Oishi *in* Shikama, 1977 | Recent | East China Sea | Shikama and Oishi *in* Shikama, 1977 |
| *Mikadotrochus* |  | *beryichii* | (Hilgendorf, 1877) | Recent | Japan,Taiwan | Hilgendorf, 1877 |
| *Mikadotrochus* |  | *gotoi* | Anseeuw, 1990 | Recent | Balut Island, Bohol Island and Balicasag Island, Philippines | Anseeuw and Goto, 1996 |
| *Mikadotrochus* |  | *hirasei* | (Pilsbry, 1903) | Recent | Tosa, Japan; Taiwan; East China Sea | Anseeuw and Goto, 1996 |
| *Mikadotrochus* |  | *notalis* | Leme and Penna, 1969 | Recent | in 150 meters, off Rio Grande do Sul, Brazil | Leme and Penna, 1969 |
| *Mikadotrochus* |  | *salmianus* | (Rolle, 1899) | Recent | In 300 meters, Okinose Reef, Sagami Bay, Japan | Anseeuw and Goto, 1996 |
| Phillippines, Taiwan |
| *Bayerotrochus* |  | *africanus* | (Tomlin, 1948) | Recent | Durban, South Africa; Madagascar | Tomlin, 1948 |
| Andaman Sea |
| *Bayerotrochus* |  | *belauensis* | Anseeuw et al., 2017 | Recent | Palau Islands | Anseeuw et al., 2017 |
| *Bayerotrochus* |  | *delicatus* | S.-P. Zhang et al., 2016 | Recent | Palau Exclusive Economic Zone | S.-P. Zhang et al., 2016 |
| *Bayerotrochus* |  | *diluculum* | (Okutani, 1979) | Recent | Honshu, Japan. | Okutani, 1979; Anseeuw and Goto, 1996 |
| *Bayerotrochus* |  | *midas* | (Bayer, 1965) | Recent | Georgia, USA | Anseeuw and Goto, 1996 |
| Guadeloupe, Lesser Antilles. |
| *Bayerotrochus* |  | *philppopei* | Anseeuw et al., 2006 | Recent | Balut Island, Philippines. | Anseeuw et al., 2006 |
| *Bayerotrochus* |  | *poppei* | Anseeuw, 2003 | Recent | Tonga, South Pacific | Anseeuw, 2003 |
| *Bayerotrochus* |  | *pyramus* | (Bayer, 1967) | Recent | Guadeloupe, Lesser Antilles | Anseeuw and Goto, 1996 |
| *Bayerotrochus* |  | *tangroanus* | (Bouchet and Metivier, 1982) | Recent | In 547-646 meters, Lau Ridge, South pacific, New Zealand | Anseeuw and Goto, 1996 |
| South Fiji Basin |
| *Bayerotrochus* |  | *teramachii* | (Kuroda, 1955) | Recent | Off Tosa, Shikoku Island, Japan; Phillippines, Taiwan; South China Sea | Anseeuw and Goto, 1996 |
| *Bayerotrochus* |  | *indicus* | (Anseeuw, 1999) | Recent | Bay of Bengal, Andaman Sea | Anseeuw, 1999 |
| *Bayerotrochus* |  | *westralis* | (Whitehead, 1987) | Recent | Indonesia | Anseeuw and Goto, 1996 |
| Australia |
| *Bayerotrochus* |  | *quiquandoni* | Cossignani, 2018 | Recent | East China Sea | Cossignani, 2018 |
| *Bayerotrochus* |  | *boucheti* | (Anseeuw and Poppe, 2001) | Recent | SE New Caledonia, Loyalty Islands, and Vanuatu | Anseeuw and Poppe, 2001 |