**Appendix 1 – Bibliographic catalogue**

Catalogue of species assigned to *Cyclocardia* in the bibliography. Species included in the phylogenetic and morphological disparity analyses are marked with an asterisk (\*). Species without a formed systematic opinion were indicated with the legend “not analysed” in the *Current placement* column.

Abbreviatures: Cenom.= Cenomanian, Cret.= Cretaceous, Eoc.= Eocene, Olig.= Oligocene, Mioc.= Miocene, Plioc.= Pliocene, Hol.= Holocene, R.= Recent, L.= Lower, M.= Middle, U.= Upper

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Species | Author | *Cyclocardia* assignment | Current placement | Stratigraphic range | Geographic range |
| *abesinaiensis* | Otuka, 1940 | Hatai & Nisiyama, 1952 | *Lunulicardita* | L. Mioc. | Japan |
| *akagii* | Kanehara, 1937 | Hatai & Nisiyama, 1952 | Not analysed | Olig-Mioc. | Japan, E. Russia |
| *alaskana* | Dall, 1903 | Dall, 1903 | Syn. of *crebicostata* | R. | N. Pacific |
| *aliena* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *amaninensis* | Krishtofovich in Gladenkov *et al*., 1984 | Krishtofovich in Gladenkov *et al*., 1984 | Not analysed | Mioc. | E. Russia |
| *analis* | Philippi, 1845 | Glibert & van del Poel, 1977 | Syn. of *chamaeformis* | Plioc. | Great Britain |
| *antiqua* | Slodkewitsch, 1936 | Kafanov *et al*., 2001 | Not analysed | U. Mioc. | E. Russia |
| *aomoriensis* | Chinzei, 1961 | Chinzei, 1961 | Not analysed | Plioc. | Japan |
| *araii* | Kanno, 1958 | Ogasawara, 2001 | Not analysed | Mioc. | Japan |
| *armilla* | Dall, 1903 | Dall, 1903 | *Pleuromeris* | R. | NE. USA |
| *astartoides* | Von Martens, 1878 | Huber, 2010 | *Cyclocardia* s. s.? Not analysed | Hol.-R. | Antarctica |
| *awamoensis\** | Harris, 1897 | Maxwell, 1969 | Included here | L. Mioc. | New Zealand |
| *bailyi* | Burch, 1944 | Burch, 1944 | *Coanicardita*?Not analysed | R. | SW. USA |
| *barbarensis\** | Stearns, 1890 | Stearns, 1890 | *Hippocampocardia* | Plioc.-R. | SW. USA |
| *beebei* | Hertlein, 1957 | Coan & Valentich-Scott, 2012 | *Cardites* | R. | SW. USA to Perú |
| *belogolovensis* | Ilyina, 1963 | Popov, 1983 | Not analysed | U. Olig.-L. Mioc. | E. Russia, Alaska |
| *beringiana* | Slodkewitsch, 1936 | Popov, 1983 | Syn. of *crebicostata* | Plioc. | E. Russia |
| *bernardi* | Le Renard, 1994 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *borealis\** | Conrad, 1831 | Conrad, 1867 | Type species of *Cyclocardia*, included here | Pleis.-R. | N. Atlantic |
| *californica\** | Dall, 1903 | Dall, 1903 | *Coanicardita*? | Plioc. | California |
| *calva* | Tate, 1887 | Lamprell & Healy, 1998 | *Vimentum* | R. | Australia |
| *calvertensis\** | Petuch & Drolshagen, 2010 | Petuch & Drolshagen, 2010 | Included here | M. Mioc. | E. USA |
| *calvimontana* | Mayer-Eymar, 1890 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *cannada\** | Ihering, 1907 | Pérez & del Río, 2017 | *Oesterheldia* | U. Olig.-L. Mioc. | S. South America |
| *castor* | Dall, 1909 | Hickman, 2015 | *Hippocampocardia*? | U. Eoc.-L. Olig. | W. USA |
| *castrana\** | Glenn, 1904 | Glibert & van del Poel, 1977 | Included here | L. Mioc.-M. Mioc. | E. USA |
| *caumontiensis* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | Not analysed | Eoc. | W. Europe |
| *chamaeformis\** | J. de C. Sowerby, 1825 | Glibert, 1957 | *Scalaricardita* | Plioc. | W. Europe |
| *chichibuensis* | Kanno, 1958 | Ogasawara, 2001 | Not analysed | Olig. | Japan |
| *christiei\** | Marwick, 1929 | Maxwell, 1969 | Included here | U. Olig. | New Zealand |
| *cipangoana* | Yokoyama, 1920 | Matsubara, 2011 | *Megacardita*? | Plioc.-Pleis. | Japan |
| *circularis* | Gabb, 1877 | Gabb, 1877 | Not analysed | Cret. | Perú |
| *compressa\** | Reeve, 1843 | Dall, 1903 | *Cyclocardia* s. s. | Pleis. | S. South America |
| *crassidens\** | Broderip & Sowerby, 1829 | Coan, 1977 | *Crassicardia* | Plioc.-R. | N. Pacific |
| *crebicostata\** | Krause, 1885 | Krause, 1885 | *Crassicardia* | Plioc.-R. | Alaska, W. USA |
| *dalek\** | Pérez & del Río, 2017 | Pérez & del Río, 2017 | *Oesterheldia* | U. Olig.-L. Mioc. | S. South America |
| *delicatum* | Verco, 1908 | Verco, 1908 | *Purpurocardia* | Recent | Australia |
| *deltoidea* | Solander, 1766 | Glibert & van del Poel, 1977 | *Scalaricardita*? | Eoc. | Great Britain |
| *denudata* | Slodkewitsch, 1936 | Kafanov *et al*., 2001 | Not analysed | M. Mioc. | E. Russia |
| *depressa* | Koenen, 1884 | Schnetler & Beyer, 1987 | *Scalaricardita*? | Olig. | N. Europe |
| *djakovi* | Mjatliuk *et al*., 1973 | Mjatliuk *et al*., 1973 | *Lunulicardita* | Mioc. | E. Russia |
| *dodairensis* | Hatai & Nisiyama, 1952 | Popov, 1983 | Not analysed | Olig. | Japan |
| *elegans* | Lamarck, 1806 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *elliptica* | Takeda, 1953 | Savitsky, 1979 | Syn. of *takedai* | Olig. | Japan |
| *enaensis* | Kamada, 1962 | Ogasawara, 2001 | Not analysed | Mioc. | Japan |
| *erimoensis* | Tiba, 1972 | Tiba, 1972 | Syn. of *rjabininae* | R. | E. Russia, Japan |
| *etalonnensis* | Slodkewitsch, 1938 | Kafanov *et al*., 2001 | *Crassicardia*? | U. Plioc. | E. Russia |
| *expansa* | Takeda, 1953 | Savitsky, 1979 | Not analysed | Olig. | Japan |
| *ezoensis* | Takeda, 1953 | Popov, 1983 | Syn. of *yakatagensis* | Olig. | Japan |
| *ferruginea* | Clessin, 1888 | Habe & Ito, 1965 | Not analysed | Plioc.-Pleis. | E. Russia, Japan |
| *ferruginea complexa* | Ogasawara, 1977 | Ogasawara, 1977 | Not analysed | Plioc. | Japan |
| *ferruginea ochiaiensis* | Chinzei, 1958 | Chinzei, 1958 | Not analysed | Plioc. | Japan |
| *ferruginea orbicularis* | Yokoyama, 1923 | Popov, 1983 | Syn. of *nipponensis* | Plioc.-Pleis. | E. Russia |
| *fujinaensis* | Ogasawara & Nomura, 1980 | Ogasawara & Nomura, 1980 | Not analysed | Mioc. | Japan |
| *gackhensis* | Krishtofovich, 1961 | Gladenkov *et al*., 1984 | Syn. of *orientalis* | Mioc. | E. Russia |
| *gamali* | Abbass, 1962 | Abbass, 1962 | *Maghrebella*? | Cenom. | NE. Africa & Arabic Peninsula |
| *gouldii* | Dall, 1903 | Dall, 1903 | Not analysed | R. | W. USA |
| *granulata\** | Say, 1824 | Dall, 1903 | Included here | Mioc. | E. USA |
| *grippi* | Anderson, 1959 | Anderson, 1959 | *Scalaricardita*? | U. Mioc. | N. Europe |
| *grossecostata* | Koenen, 1884 | Schnetler & Beyer, 1987 | *Scalaricardita*? | U. Olig. | N. Europe |
| *hamiltonensis\** | Clark, 1932 | Addicott *et al.*, 1971 | *Hippocampocardia* | Olig. | E. Russia, Alaska |
| *hannae* | Tegland, 1933 | Hickman, 2015 | *Hippocampocardia*? | U. Eoc.-L. Olig. | W. USA |
| *hannibali* | Clark, 1925 | Ogasawara, 2011 | *Hippocampocardia*? | U. Eoc.-L. Olig. | W. USA, Japan |
| *harukii* | Oyama & Mizuno, 1958 | Oyama & Mizuno, 1958 | Not analysed | Olig. | Japan |
| *hilli* | Willett, 1944 | Coan, 1977 | *Coanicardita*? | Pleis. | SW. USA |
| *hindmarshensis* | Ludbrook, 1954 | Ludbrook, 1954 | *Arcturellina* | L. Plioc. | Australia |
| *hobetsuensis* | Hayasaka & Uozomi, 1954 | Ogasawara, 2001 | Not analysed | Olig. | Japan |
| *ilpinensis* | Pronina, 1973 in Mjatliuk *et al*., 1973 | Pronina, 1973 in Mjatliuk *et al*., 1973 | Syn. of *hamiltonensis* | Mioc. | E. Russia |
| *incisa* | Dall, 1903 | Dall, 1903 | *Crassicardia*? | R. | Alaska |
| *inflata* | Mizuno, 1952 | Mizuno, 1952 | Not analysed | Olig.? | Japan |
| *inquinata* | Nicklés, 1955 | Nicklés, 1955 | *Centrocardita* | Recent | NW. Africa |
| *isaotakii\** | Tiba, 1972 | Tiba, 1972 | *Crassicardia* | Plioc.-R. | E. Russia, Japan |
| *kamtschatica* | Slodkewitsch, 1938 | Sinelnikova *et al*., 1979 | Syn. of *ochotica* | Plioc. | E. Russia |
| *kavranensis* | Slodkewitsch, 1938 | Serova, 1979 | *Crassicardia*? | U. Plioc. | E. Russia |
| *kickxi\** | Nyst & Westendorp, 1839 | Glibert, 1957 | *Scalaricardita* | Olig. | N. Europe |
| *kieli* | Nielsen, 2013 | Nielsen, 2013 | *Coanicardita*? | Plioc. | S. South America |
| *kirkerensis* | Clark, 1918 | Moore, 1992 | Not analysed | Olig. | SW. USA |
| *kovatschensis* | Slodkewitsch, 1936 | Slodkewitsch, 1938 | Not analysed | U. Olig.-L. Mioc. | E. Russia |
| *kurilensis* | Savizky, 1981 | Savizky, 1981 | Not analysed | R. | E. Russia |
| *laxata* | Yokoyama, 1924 | Hatai & Nisiyama, 1952 | Not analysed | Mioc. | Japan |
| *longini* | Baily, 1945 | Baily, 1945 | Syn. of *bailyi* | R. | SW. USA |
| *lutosa* | Zhidkova & Krishtofovich, 1984 in Gladenkov *et al*., 1984 | Zhidkova & Krishtofovich, 1984 in Gladenkov *et al*., 1984 | Not analysed | Mioc. | E. Russia |
| *magica* | Devjatilova, 1981 in Devjatilova & Volobuena, 1981 | Devjatilova & Volobuena, 1981 | Not analysed | Mioc. | E. Russia |
| *magna* | Quilty *et al*., 2016 | Quilty *et al*., 2016 | Not analysed | Plioc. | Antarctica |
| *marama\** | Maxwell, 1969 | Maxwell, 1969 | Included here | L. Mioc. | New Zealand |
| *matitukensis* | Slodkewitsch, 1938 | Gladenkov *et al*., 1999 | Syn. of *crassidens* | U. Plioc. | E. Russia |
| *matschigarica* | Khomenko, 1938 | Savitsky, 1979 | Not analysed | U. Mioc. | E. Russia |
| *mesembria\** | Stilwell & Zinsmeister, 1992 | Stilwell & Zinsmeister, 1992 | *Cyclocardia* s. s.? | M. Eoc. | Antarctica |
| *momijiyamaensis* | Masuda & Noda, 1976 | Masuda & Noda, 1976 | Not analysed | Olig. | Japan |
| *moniliata\** | Dall, 1902 | Dall, 1902 | Included here | R. | S. South America |
| *monilicosta* | Gabb, 1864 | Dall, 1903 | Syn. of *occidentalis* | R. | SW. Russia |
| *moniligena* | Hickman, 2015 | Hickman, 2015 | *Hippocampocardia*? | U. Eoc.-L. Olig. | W. USA |
| *monodi* | Nicklés, 1953 | Ardovini & Cosignani, 2004 | *Akardita* | E. | NW. Africa |
| *montereyana* | Arnold, 1908 | Moore, 1992 | *Hippocampocardia*? | Mioc. | SW. USA |
| *morsei* | Dall, 1918 | Dall, 1918 | Syn. of *borealis* | Recent | N. Atlantic |
| *myogadaniensis* | Itoigawa, 1958 | Ogasawara, 2011 | Not analysed | Plioc. | Japan |
| *nairoensis* | Krishtofovich, 1954 | Kafanov *et al*., 2001 | Syn. of *yakatagensis* | Mioc. | E. Russia, Japan |
| *nipponensis* | Huber, 2010 | Huber, 2010 | Not analysed | R. | Japan |
| *nodulosa* | Dall, 1919 | Dall, 1919 | Syn. of *bailyi* | R. | SW. USA |
| *nomensis* | MacNeil *et al*., 1943 | MacNeil *et al*., 1943 | Syn. of *crebicostata* | Plioc. | Alaska |
| *nortensis\** | Del Río, 1986 | Del Río, 1986 | Included here | U. Mioc. | S. South America |
| *novangliae\** | Morse, 1869 | Tryon, 1972 | *Cyclocardia* s. s. | Pleis.-R. | N. Atlantic |
| *nuwokensis* | Dall, 1920 | Dall, 1920 | Not analysed | Plioc. | Alaska |
| *occidentalis\** | Conrad, 1855 | Dall, 1903 | *Coanicardita* | Plioc.-Pleis. | SW. USA |
| *ochaiensis* | Chinzei, 1958 | Ogasawara, 2011 | Not analysed | Plioc. | Japan |
| *ochotica* | Slodkewitsch, 1936 | Devjatilova & Volobuena, 1981 | Syn. of *occidentalis* | U. Plioc. | E. Russia |
| *onukii* | Masuda & Tagakawa, 1965 | Popov, 1983 | Not analysed | Mioc. | Japan |
| *orbica* | Yokoyama, 1925 | Hatai & Nisiyama, 1952 | Not analysed | Mioc. | Japan |
| *orbicularis* | J. de C. Sowerby, 1825 | Glibert, 1945 | Syn. of *chamaeformis* | Plioc. | W. Europe |
| *orbicularis subparvocostata* | Báldi, 1963 | Báldi, 1963 | *Scalaricardita*? | U. Olig. | W. Europe |
| *orientalis* | Krishtofovich in Gladenkov *et al*., 1984 | Krishtofovich in Gladenkov *et al*., 1984 | Not analysed | Plioc. | E. Russia |
| *ornata* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *otatsumei* | Uozomi, 1955 | Uozomi, 1955 | Not analysed | Olig.? | Japan |
| *ovata* | Rjabinina, 1952 | Rjabinina, 1952 | Syn. of *ventricosa* | R. | E. Russia |
| *ovraensis* | Sinelnikova, 1991 in Sinelnikova *et al*., 1991 | Sinelnikova *et al*., 1991 | Not analysed | Mioc. | E. Russia |
| *oyamai* | Kafanov *et al*., 1999 | Kafanov *et al*., 1999 | *Hippocampocardia*? | Olig.? | Japan |
| *pacifera* | Yokoyama, 1924 | Hatai & Nisiyama, 1952 | Syn. of *tokunagai* | Mioc. | Japan, E. Russia |
| *parvocostata* | Holzl, 1962 | Holzl, 1962 | *Scalaricardita*? | Olig. | N. Europe |
| *paucicostata* | Krause, 1885 | Krause, 1885 | Syn. of *crassidens* | R. | E. Russia |
| *penzhensis* | Popov, 1983 | Popov, 1983 | Not analysed | Mioc. | E. Russia |
| *peridonea* | Ludbrook, 1954 | Ludbrook, 1954 | *Arcturellina* | L. Plioc. | Australia |
| *piltunensis* | Slodkewitsch, 1938 | Devjatilova & Volobuena, 1981 | Syn. of *crebicostata* | U. Mioc.-Plioc. | E. Russia |
| *pilvonensis* | Khomenko, 1934 | Popov, 1983 | Not analysed | Olig. | E. Russia |
| *pliocenica* | Popov, 1983 | Popov, 1983 | Not analysed | Plioc. | E. Russia |
| *poronaiensis* | Honda, 1989 | Honda, 1989 | Not analysed | Mioc. | Japan |
| *posneri* | Krishtofovich in Gladenkov *et al*., 1984 | Krishtofovich in Gladenkov *et al*., 1984 | Syn. of *orientalis* | Mioc. | E. Russia |
| *praeruptensis* | Slodkewitsch, 1938 | Sinelnikova *et al*., 1979 | Not analysed | U. Ploc. | E. Russia |
| *prevosti* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *procera* | Gould, 1850 | Dall, 1903 | Syn. of *compressa* | Pleis.-R. | S. South America |
| *propinqua* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc, | W. Europe |
| *pseutella* | Marwick, 1929 | Maxwell, 1969 | Not analysed | U. Olig. | New Zealand |
| *puella* | Slodkewitsch, 1938 | Devjatilova & Volobuena, 1981 | Not analysed | U. Plioc. | E. Russia |
| *pulchra* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *pusilla* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *rafensis* | Slodkewitsch, 1938 | Kafanov *et al*., 2001 | Not analysed | Mioc. | E. Russia |
| *ripensis* | Popov & Scarlato, 1980 | Popov & Scarlato, 1980 | Not analysed | R. | E. Russia |
| *rjabininae\** | Scarlato, 1980 | Savitsky, 1979 | *Crassicardia* | R. | N. Pacific |
| *rotunda* | Tokunaga, 1906 | Popov, 1983 | Not analysed | Pleis. | E. Russia |
| *roundiformis* | Ilyina, 1963 | Popov, 1983 | Not analysed | Mioc. | E. Russia |
| *rudis* | Dall, 1902 | Dall, 1902 | Syn. of *crassidens* | R. | Alaska |
| *sakamotoi* | Marincovich, 1983 | Marincovich, 1983 | Not analysed | Mioc. | Alaska |
| *satisparva* | Mizuno & Inoue, 1969 | Honda, 1994 | Not analysed | Olig. | Japan |
| *scalaris* | J. de C. Sowerby, 1825 | Glibert, 1945 | *Scalaricardita* | L. Mioc.-U. Plioc. | Europe |
| *scarlatoi* | Savizky, 1981 | Savizky, 1981 | Not analysed | R. | E. Russia |
| *siogamensis* | Mizuno, 1952 | Mizuno, 1952 | Not analysed | Mioc. | Japan |
| *spurca* | Sowerby, 1833 | Dall, 1903 | *Cyclocardia* s. s.? Not analysed | R. | W. South America |
| *squamosa* | Lamarck, 1806 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *stearnsii* | Dall, 1903 | Dall, 1903 | Syn. of *ventricosa* | R. | W. USA |
| *steinekei* | Clark & Dunham, 1946 | Clark & Dunham, 1946 | Not analysed | Eoc. | N. South America |
| *subcompacta* | Chapman & Crespin, 1928 | Ludbrook, 1954 | *Scalaricardita* | L. Plioc. | Australia |
| *subelegans* | Wood, 1871 | Schnetler & Heilmann-Clausen, 2011 | Not analysed | Eoc. | W. Europe |
| *subnipponica* | Nagao, 1928 | Kafanov *et al*., 2001 | Syn. of *dodairensis* | Olig. | Japan |
| *subrotunda* | Defrance, 1828 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *subtenta* | Conrad, 1849 | Dall, 1903 | Not analysed | Olig.-Mioc. | W, USA |
| *sulcata* | Solander, 1766 | Pacaud & Le Renard, 1995 | Not analysed | Eoc. | W. Europe |
| *sulcata aizyensis* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *sulcata davidsoni* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *sulcata serrulata* | Deshayes, 1858 | Pacaud & Le Renard, 1995 | *Arcturellina* | Eoc. | W. Europe |
| *takamiyaensis* | Shibata, 1970 | Shibata, 1970 | Not analysed | Mioc. | Japan |
| *takedai* | Honda, 1980 | Honda, 1980 | Not analysed | Eoc. | Japan |
| *terryi* | Olsson, 1922 | Hendy *et al*., 2008 | Not analysed | Mioc.-Plioc. | N. South America |
| *thouarsii* | d’Orbigny, 1845 | Soot-Ryen, 1959 | *Cyclocardia* s. s.? | R. | S. South America |
| *tokudai* | Takeda, 1953 | Volobueva, 1986 | Syn. of *subtenta* | Olig. | Japan |
| *tokunagai* | Yokoyama, 1924 | Popov, 1983 | Not analysed | Mioc. | Japan, E. Russia |
| *trentensis* | Ward, 1992 | Ward, 1992 | Not analysed |  |  |
| *tumiensis* | Khomenko, 1938 | Kafanov *et al*., 2001 | Not analysed | Mioc. | E. Russia |
| *umnaka* | Willett, 1932 | Coan, 1977 | Not analysed | R. | Alaska |
| *unidentata* | Basterot, 1925 | Glibert & van del Poel, 1977 | *Coripia* | U. Mioc.-Plioc. | Europe |
| *utcholokensis* | Slodkewitsch, 1938 | Gladenkov *et al*., 1984 | Not analysed | Olig.? | E. Russia |
| *uvutschensis* | Ilyina, 1963 | Kafanov *et al*., 2001 | Not analysed | Mioc. | E. Russia |
| *vagisana* | Kogan, 1954 in Krishtofovich, 1954 | Devjatilova & Volobuena, 1981 | Syn. of *subtenta* | Olig.-Mioc. | E. Russia |
| *varicostata* | Muller & Welle, 1991 | Muller & Welle, 1991 | *Scalaricardita*? | Olig. | NW. Europe |
| *vautrotorum\** | Petuch & Drolshagen, 2010 | Petuch & Drolshagen, 2010 | Included here | U. Mioc. | E. USA |
| *velutinus\** | Smith, 1881 | Dall, 1902 | Included here | R. | S. South America |
| *venianimovi* | Popov, 1983 | Popov, 1983 | Not analysed | Mioc. | E. Russia |
| *ventricosa\** | Gould, 1850 | Conrad, 1867 | *Coanicardita* | R. | W. North America |
| *ventricosa montereyensis* | Smith & Gordon, 1948 | Smith & Gordon, 1948 | Not analysed | R. | SW. USA |
| *ventricosa redondoensis* | Burch, 1944 | Coan, 1977 | Not analysed | R. | SW. USA |
| *vestita* | Deshayes, 1854 | Tryon, 1972 | Syn. of *borealis* | R. | N. Atlantic |
| *vestitoides* | Mizuno, 1952 | Mizuno, 1952 | Not analysed | Olig.? | Japan |
| *wajampolkensis* | Ilyina, 1963 | Allison & Marinkovich, 1981 | *Hippocampocardia*? | Mioc. | E. Russia, Alaska |
| *yakatagensis\** | Clark, 1932 | Addicott *et al.*, 1971 | *Hippocampocardia* | L. Mioc. | Japan, Alaska |
| *yokoyamai* | Oyama & Mizuno, 1958 | Oyama & Mizuno, 1958 | Syn. of *tokunagai* | Olig.-Mioc. | Japan, E. Russia |
| *yoshidai* | Nagao, 1928 | Nagao, 1928 | Not analysed | Olig. | Japan |
| *zuliana* | Hodson, 1927 | Hendy *et al*., 2008 | Not analysed | Mioc. | N. South America |

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