



# VISAYA

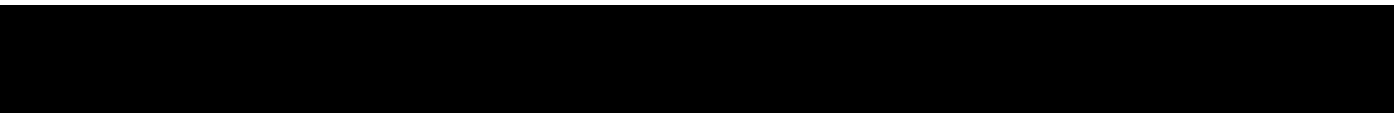
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**OUTLINE OF A SYSTEMATIC INDEX - RECENT CARDIIDAE (LAMARK, 1809)**

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## Outline of a Systematic Index Recent CARDIIDAE (Lamarck, 1809)

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### CARDIINAE Lamarck, 1809

#### **ACANTHOCARDIA Gray, 1851**

- aculeata* (Linnaeus, 1767)** [type spec.] •  
*Cardium spinosum* Sowerby, 1804  
*Cardium aculcatum* Aradas & Benoit, 1870  
W.Eur.Med.N.W.Afr. / 75-102 mm /  
lit. 1, 8, 9, 10
- echinata* (Linnaeus, 1758)** •  
*Cardium mucronatum* Poli, 1791  
*?Cardium deshayesi* Payraudeau, 1826  
*Cardium duregnei* Monterosato, 1891  
*Cardium novum* Coen, 1941  
W. Eur.Med. / 50-78 mm / lit. 1, 8, 10
- paucicostata* (Sowerby, 1834)** •  
*Cardium ciliare* Linnaeus, 1758  
*Acanthocardia ciliaris milaschewitschi*  
Kafanov, 1980  
Neth.-N.W.Afr.Med. / 30-50 mm / lit. 1, 8, 10
- spinosa* (Lightfoot in Solander, 1786)** •  
*Cardium erinaceum* Lamarck, 1819: lit. 2  
Port.-Med. / 60-95 mm / lit. 1, 2, 8, 9, 10
- tuberculata* (Linnaeus, 1758)** •  
*Cardium rusticum* Linnaeus, 1767  
*Cardium fasciatum* Gmelin, 1791  
*Cardium citrinum* Brusina, 1865  
W.Eur.-Med.Can.Isl. / 60-95 mm / lit. 1, 8, 10

#### **ACROSTERIGMA Dall, 1900**

- abrolhense* Vidal, 1999**  
W. Aust. / 13 mm / lit. 16
- amirante* Vidal, 1999**  
Seychelles-Madagascar / 24 mm / lit. 16
- angulata* (Lamarck, 1819)** •  
*Cardium alternatum* Sowerby, 1841  
E.Afr.-W.Pac. / 60-90 mm / lit. 1, 6, 11, 12
- assimile assimile* (Reeve, 1844)** •  
W.Ind.Ocean-India / 50-65 mm
- assimile lacunosa* (Reeve, 1845)** •  
Per.G. / 50-90 mm / lit. 13

#### ***burchardi* (Dunker, 1877)** •

Indo-W.Pac. / 60-90 mm / lit. 1, 16

#### ***cygnora* (Deshayes, 1855)** •

*Laevicardium (Trachycardium) gaillardi*  
Fischer-Piette, 1977 S.Aust. / 45-55 mm /  
lit. 11, 12, 16

#### ***dianthinum* (Melvill & Standen, 1899)** •

Indon.-N.E.Aust. / 10-15 mm / lit. 12, 16

#### ***discus* Vidal, 1999**

S.Afr.-Indon. / 25-31.5 mm / lit. 16

#### ***elongata elongata* (Bruguère, 1789)** •

*Cochlea nebulosa* Martyn, 1786

#### ***?Cardium pulicarium* Reeve, 1845**

*Cardium serricostatum* Melvill &  
Standen, 1899

Phil.-Mol. / 70-135 mm: lit. 1, 2, 6, 11, 12

#### ***elongata cipangense* Vidal, 1993** •

Jap-Vietn.-Thail. / 90-111 mm

#### ***elongata coralense* Vidal, 1993** •

N.Cal.-N.E.Aust. / 75 mm

#### ***elongata enode* (Sowerby, 1840)** •

W.Pac.-Sol.Isl. / 70-140 mm: lit. 1, 6

#### ***elongata indioceanum* Vidal, 1993** •

E.Afr.-Thail. / 70-85 mm

#### ***elongata okinawaense* (Kuroda, 1960)** •

Jap. / 60-90 mm

#### ***elongata wilsoni* (Voskuil & Onverwagt, 1991)** •

N., W.Aust. / 70-108 mm: lit. 6, 12

#### ***flava flava* (Linnaeus, 1758)** •

*Cardium fucatum* Spengler, 1799

*Cardium gratiosum* Deshayes, 1855:  
lit. 2, 12

*Cardium tumidum* Deshayes, 1855: lit. 2

Indo-W.Pac. / 40-70 mm

#### ***flava dupuchense* (Reeve, 1845)** •

W.Aust. / 45-67.5 mm / lit. 11, 12

#### ***flava subrugosum* (Sowerby, 1840)** •

Ind.Oc.-Phil. / 40-62 mm / lit. 12

#### ***hobbsae* Vidal, 1999** •

- Phil.-New Cal. / 30-45 mm / lit.16  
***impolita* (Sowerby,1833) •**  
*Cardium (Trachycardium) beauforti*  
Prashad,1932: lit.16  
*Laevicardium (Trachycardium) couvrili*  
Fischer-Piette, 1977: lit.2,9  
*Acrosterigma vlamingi* Wilson & Stevenson,1977  
*Acrosterigma rosemariensis* Wilson & Stevenson,1977  
*Acrosterigma dampierense* Wilson & Stevenson,1977  
*Trachycardium impolita dilmunensis*  
Oliver & Chesney, 1997  
Indo-W.Pac. / 40-56 mm / lit.9,12,16  
***kenyanum* Cox,1930 •**  
*Acrosterigma fidele* Vidal,1992  
Mozamb.-W.Pac. / 50-96 mm  
***kerslakae* Healy & Lamprell,1992 •**  
E.Aust. / 30-40 mm / lit.15,16  
***lomboke* (Vidal,2003)**  
Indon. / 29 mm  
***luteomarginata luteomarginata***  
**(Voskuil & Onverwagt,1991) •**  
India-Indon. / 70-100 mm / lit.6,12  
***luteomarginata marerubra***  
**(Voskuil & Onverwagt,1991) •**  
Red Sea-N.E.Afr. / 60-95 mm / lit.6,13  
(as T.enode)  
***luteomarginata insulare* (Vidal,1997) •**  
E.Afr.-S.W.Ind.Oc. / 60-80 mm  
***maculosa* (Wood,1815) •**  
*Cardium arenicolum* Reeve,1845: lit.13  
Red Sea,Indo-W.Pac.-Jap. / 30-50 mm /  
lit.13,16  
***maculosa howense* Vidal,1999**  
New Cal.-E.Aust. / 30-50 mm / lit.16  
***magna* (Linnaeus,1758) •**  
*Cardium leucostomum* Born,1780: lit.2,6  
*Cardium marmoreum* Lamarck,1819  
*Cardium subelongatum* Sowerby,1840  
S.E.USA-Brazil / 55-90 mm /  
lit.0,1,2,6,16  
***marielae* (Wilson & Stevenson,1977)**  
W.Aust. / 23 mm / lit.11,12,16  
***mauritiana* (Deshayes,1855)**  
Mauritius-Seych. / 30-39 mm / lit.2,16  
***orbita orbita* (Broderip & Sowerby,1833) •**  
Cook Isl.-Society Isl.-Tuamotu Isl. /  
60-125 mm  
***orbita philippinense* (Hedley,1899) •**  
*Cardium pseudoangulatum* Bülow,  
1905: lit.6  
W.Pac.-N.Aust. / 60-107.5 mm / lit.9,12  
(as *mendanaense*)  
***orbita mendanaense* (Sowerby,1897) •**  
Marquesas / 40-63.5 mm  
***orbita hawaiiensis* (Dall,Bartsch  
& Rehder,1938) •**  
Haw. / 60-90 mm / lit.1,4  
***ornatum* (Sowerby,1876) •**  
*Cardium fultoni* G.B.Sowerby,1916  
*Acrosterigma sowerbyorum* Voskuil &  
Onverwagt, 1993: lit.14  
N.W.Aust. / 30-38 mm / lit.11,12  
***oxygona* (Sowerby,1841) •**  
Indo-W.Pac. / 30-40 mm / lit.13,16  
***papuanum* (Vidal,1996) •**  
Indon.-W.Pac. / 60-96.5 mm  
***pectiniforme* (Born,1780) •**  
*Cardium regulare* Bruguière,1789  
*Cardium rugosum* Lamarck,1819  
*Trachycardium peregrinum*  
Jousseau,1888  
*Vasticardium nigropunctatum*  
Habe & Kosuge,1966  
Red Sea Indo-W.Pac.Aust./ 45-75mm /  
lit.1,12,13  
***pristipleura* (Dall,1901) •**  
*Cardium maculosum* Sowerby,1833  
*Cardium maculatum* Sowerby,1840  
*Cardium hornelli* Tomlin,1928  
Cal.-Ecuador / 50-70 mm / lit.5,6,16  
***profundum* Vidal,1999**  
Phil.-New Cal.-Marshall Isl. / 37-40 mm /  
lit.16  
***punctolineata* Healy & Lamprell,1992 •**  
*Cardium foveolata* Sowerby,1840  
sensu Reeve  
Phil.-Queensl.-New Cal. / 30-36 mm / lit.12  
nr.199,15,16  
***rhegminum* (Oliver & Chesney,1997)**  
Oman / 45-60 mm  
***rubicundum rubicundum* (Reeve,1844) •**  
W.Ind.Ocean / 40-60 mm / lit.1,13  
***rubicundum compunctum* (Kira,1955) •**

Jap. / 40-45 mm  
***rubicundum kengaluorum* Voskuil & Onverwagt, 1993** •  
 Phil.-Sol.Isl. / 35-53 mm / lit.14  
***selene* Vidal, 1999**  
 New Cal. / 35 mm / lit.16  
***seurati* Vidal, 1999**  
 S.Pac. / 40 mm / lit.16  
***sewelli* (Prashad, 1932)** •  
*Cardium (Trachycardium) laddi*  
 Abrard, 1946 [†]  
 Thail.-Indon.-Sol.Isl.-Fiji Isl.-New Cal. /  
 30-65 mm  
***simplex* (Spengler, 1799)** •  
*Cardium unicolor* Sowerby, 1840  
*Cardium nebulosum* Reeve, 1845  
*Laevicardium soyeri* Fischer-  
 Piette, 1977  
 Centr.Indo-W.Pac. Aust. / 30-60 mm /  
 lit.1,9,12,16  
***sorenseni* (Powell, 1958)**  
 Kermadec Isl. / 25-45 mm / lit.16  
***subassimile* (Vidal, 2003)**  
 Unknown locality / 65 mm  
***suluanum* Vidal, 1999** •  
 Phil.-Jap. / 44 mm / lit.16  
***thomassini* (Vidal, 1998)**  
 S.Afr.-Zanzibar / 34 mm / lit.16  
***transcendens* (Melvill & Standen, 1899)** •  
*Laevicardium pulcherrimum* Sakurai &  
 Habe, 1966  
 S.Afr.-S.Pac. / 25-32 mm / lit.11,12,16  
***uniornatum* Vidal, 1999**  
 S.W.Pac. / 22 mm / lit.16  
***variegata* (Sowerby, 1841)** •  
 Thail.-Phil.-Jap. / 30-55 mm / lit.16  
***vertebrata* (Jonas, 1844)** •  
*Cardium reeveanum* Dunker, 1852  
*Regozara olivifer* Iredale, 1936  
 Red Sea?, Aust. / 50-95 mm / lit.1,11,12,13

#### **AFROCARDIUM Tomlin, 1931**

***exochum* (Melvill in Melvill & Standen, 1906)**  
*Cardium radula* Thiele & Jaekel, 1931  
*Cardium infantile* Nomura & Zinbo, 1934  
*Laevicardium (Trachycardium) thielei*  
 Fischer-Piette, 1977

Per.G.-E.Afr.-Indon. / 5-8 mm / lit.9  
***richardi* (Audouin, 1826)** •  
*Cardium carditaeforme* Reeve, 1845  
*Cardium arabicus* Issel, 1869  
*Cardium skeeti* Hedley, 1906 / lit.12  
 ?*Cardium (Fragum) crenelloides*  
 Melvill, 1909  
*Cardium (Fragum) rubescens* Smith, 1911  
*Cardium euglyptum* G.B.Sowerby, 1914  
*Cardium ebaranum* Yokoyama, 1927  
 E.Med., Red Sea, Indo-W.Pac. / 10-20 mm /  
 lit.13  
***roseolum* (Melvill, 1909)**  
 W.Ind.Oc. ?Red Sea  
***shepstonense* (Tomlin, 1931)** [type spec.] •  
 S.Afr.-Mozamb. / 10-13 mm

#### **BUCARDIUM Gray, 1853**

***ringens* (Bruguière, 1789)** [type spec.] •  
 W.Afr. / 40-65 mm / lit.1,8

#### **CARDIUM Linnaeus, 1758**

***costatum* Linnaeus, 1758** [type spec.] •  
 W.Afr. / 100-125 mm / lit.1,8  
***indicum* Lamarck, 1819** •  
*Cardium hians* Brocchi, 1814  
*Cardium darwini* Mayer, 1866  
 W.Med.-W.Afr. / 75-100 mm / lit.1,2,8,10

#### **DALLOCARDIA Stewart, 1930**

***manueli* (Prado, 1993)** •  
 Brazil-Arg. / 40-68 mm  
***muricata* (Linnaeus, 1758)** •  
*Cardium campechiense* Röding, 1798  
*Cardium delicatulum* Smith, 1915  
 S.E.USA-W.I.-Arg. / 50-72 mm /  
 lit.0,1  
***quadrigenaria* (Conrad, 1837)** [type spec.] •  
 Cal.-Baja Cal.Sur / 100-150 mm / lit.0,1  
***radula* (Broderip & Sowerby, 1829)** •  
*Cardium senticosum* Sowerby, 1833  
*Cardium rastrum* Reeve, 1845  
 Cal.-Peru / 40-52 mm / lit.0,1,2,5

#### **DINOCARDIUM Dall, 1900**

***robustum* (Lightfoot in Solander, 1786)**  
 [type spec.] •  
*Cardium ventricosum* Bruguière, 1789

*Cardium maculatum* Gmelin, 1791  
*Cardium obliquum* Spengler, 1799  
*Dinocardium robustum vanhyningi*  
 Clench & Smith, 1944  
 E.USA-Flor.-Mexico / 100-120 mm / lit.0,1

#### **EUROPICARDIUM Popov, 1977**

*caparti* (Nicklès, 1955) •  
 W.Afr. / 40-50 mm / lit.8  
*serrulata* (Deshayes, 1855) •  
*Cardium kobelti* Maltzan, 1885  
 W.Afr.-S.Afr. / 20-35 mm / lit.2,8

#### **PAPYRIDEA Swainson, 1840**

*aspersa* (Sowerby, 1833) •  
*Papyridea bullata californica* Verrill, 1870  
 Cal.-Peru / 40-55 mm / lit.0,1,5  
*crockeri* (Strong & Hertlein, 1937)  
 Cal. / 50 mm / lit.0,5  
*hiulca* (Reeve, 1845) •  
*Papyridea mantaensis* Olsson, 1961: lit.9  
 Mex.-Peru / 40-60 mm / lit.5  
*lata* (Born, 1780) [type spec.] •  
*Cardium hiatus* Meuschen, 1787  
 S.E.USA-Brazil, W.Afr. / 40-47 mm /  
 lit.0,1,8  
*semisulcata* (Gray, 1825) •  
*Cardium ringiculum* Sowerby, 1834  
*Cardium petitionum* Orbigny, 1846  
 S.Flor.-W.I.-Brazil / 12-15 mm / lit.0  
*soleniformis* (Bruguère, 1789) •  
*Cardium (Papyridea) spinosum var. turtoni*  
 Dall, 1900  
 S.E.USA-Brazil, W.Afr. / 40-62 mm

#### **TRACHYCARDIUM Mörch, 1853**

*(Phlogocardium) belcheri* (Broderip &  
 Sowerby, 1829) •  
 W.Mex.-Pan. / 35-55 mm / lit.5  
*(Trachycardium) consors* (Sowerby, 1833) •  
*Cardium laxum* Dall, 1901  
 Cal.-Ecu.Galap. / 60-80 mm / lit.0,1,5  
*(Trachycardium) egmontianum*  
 (Shuttleworth, 1856) •  
*Cardium mindanense* Reeve, 1844, pl.4, fig.19  
 S.E.USA-W.I. / 40-55 mm / lit.0,1  
*(Trachycardium) isocardia*  
 (Linnaeus, 1758) [type spec.] •

*Cardium eburniferum* Guppy, 1875  
 Flor.-Ven. W.I. / 60-86 mm / lit.0,1  
*(Mexicardium) panamense*  
 (Sowerby, 1833) •  
*Cardium rotundatum* Carpenter, 1857  
*Trigoniocardia eudoxia* Dall, 1916  
 Cal. / 50-100 mm / lit.0,5  
*(Mexicardium) procerum* (Sowerby, 1833) •  
*Cardium laticostatum* Sowerby, 1833  
*Cardium dulcinea* Dall, 1916  
*Cardium parvulum* Li, 1930  
 S.W.Mex.-Chile / 50-100 mm / lit.0,1,5

#### **VEPRICARDIUM Iredale, 1929**

*albohamatum* Hylleberg & Vidal  
 in Vidal, 2000  
 Thailand / 44 mm / lit.7  
*asiaticum* (Bruguère, 1789) •  
*Cardium lima* Schröter, 1786  
*Cardium lamellatum* Spengler, 1799  
 India-Thail.-Indon. / 40-60 mm / lit.1,2,7  
*coronatum* (Schröter, 1786) •  
*Cardium fimbriatum* Wood, 1815: lit.2  
 Ind.Oc.-N.Aust. / 35-50 mm / lit.7,12  
 (as *V.incarnatum*), 13  
*burnupi* (Sowerby, 1897) •  
 S.Afr.-Mozamb. / 30-40 mm / lit.7  
*incarnatum* (Reeve, 1844) •  
*Cardium mirabile* Deshayes, 1855: lit.11  
 N.Aust.-Phil. / 40-60 mm / lit.7,11  
 (as *V.asiaticum*)  
*multispinosum* (Sowerby, 1838) •  
*Vepricardium pulchricostatum* Iredale, 1929  
 [type spec.]  
 Indo-W.Pac. / 40-60 mm / lit.1,7,11  
*rubrohamatum* Voskuil & Onverwagt, 1988 •  
 Phil. / 40-60 mm / lit.7  
*sinense* (Sowerby, 1838) •  
 Thail.-Taiw.-Indon. / 30-55 mm / lit.7  
*vidali* Ter Poorten & Dekker, 2002  
 Yemen-Gulf of Oman / 55 mm

#### **FRAGINAE Stewart, 1930**

#### **APIOCARDIA Olsson, 1961**

*obovalis* (Sowerby, 1833) [type spec.] •  
*Cardium ovuloides* Reeve, 1845: lit.5  
 Cal.-Ecuador / 15-20 mm / lit.0,5

**CERASTOBYSSUM Petersen & Russell, 1973*****hauniense* (Petersen & Russell, 1971) •**

[type spec.]

Baltic Sea, Den., ?Med. / 5-10 mm / lit. 8, 10

**CORCULUM Röding, 1798*****cardissa* (Linnaeus, 1758) [type spec.] •***Cardium impressum* Lightfoot in Solander, 1786*Cardium monstrosum* Gmelin, 1791*Corculum dolorosum* Röding, 1798*Cardium junoniae* Lamarck, 1819*Cardium dionaeum* Broderip &

Sowerby, 1829: lit. 1, 12

*Cardium aequale* Deshayes, 1855: lit. 2*Cardium productum* Deshayes, 1855: lit. 2*Corculum aselae* Bartsch, 1947*Corculum laevigatum* Bartsch, 1947*Corculum obesum* Bartsch, 1947*Corculum kirai* Shikama, 1964*Corculum inexpectatum* Crozier, 1966

Indo-W.Pac. / 50-80 mm / lit. 1, 13

**CTENOCARDIA H. & A. Adams, 1857*****biangulata* (Broderip & Sowerby, 1829) •***Cardium magnificum* Carpenter, 1857

S. Cal.-Ecu. / 30-45 mm / lit. 0, 1, 5

***fornicata* (Sowerby, 1840) •***Cardium adamsii* Adams & Reeve, 1850

S. Afr.-Red Sea, Indo-S.W.Pac. Aust. /

15-26 mm / lit. 1, 11, 12, 13

***guppyi* (Thiele, 1910) •**

Flor.-W.I. / 10-19 mm / lit. 0

***gustavi* Vidal, MS •**

Indo-W.Pac. / 15-20 mm

***media* (Linnaeus, 1758) •**

S.E. USA-Brazil / 30-55 mm / lit. 0, 1

***planicostata* (Sowerby, 1833) •***Cardium (Americardium) guanacastense*

Hertlein &amp; Strong, 1947

Cal.-Peru / 45-55 mm / lit. 0, 5

***robillardii* (Sowerby, 1894) •**

Mauritius / 18 mm

***speciosa* (Adams & Reeve, 1850) •**

Centr.S. Atlantic / 30-35 mm / lit. 1, 2, 8

***translata* (Prashad, 1932) •**

Thail.-New Cal. / 10-16 mm

***victor* (Angas, 1872) •***Ctenocardia kinai* Habe & Murakami, 1970

E. Afr.-Jap.-Aust. / 35-50 mm / lit. 1, 2, 11, 12

***virgo* (Reeve, 1845) •***Cardium imbricatum* Sowerby, 1838*Cardium hystrix* Reeve, 1844*Fragum (Ctenocardium) perornatum*

Iredale, 1929

*Fragum (Ctenocardium) symbolicum*

Iredale, 1929 [type spec.]

Centr. Indo-W.Pac. / 20-30 mm / lit. 11, 12

**FRAGUM Röding, 1798*****bannoi* (Otuka, 1937) •***Hemicardium fragum* var. *carinata*

Lynge, 1909

Indo-W.Pac. / 10-15 mm

***fragum* (Linnaeus, 1758) [type spec.] •***Cardium imbricatum* Born, 1780*Fragum flavum* Röding, 1798

?Red Sea-Indo-Pac. / 25-39 mm /

lit. 1, 11, 12, 13

***mundum* (Reeve, 1845) •***Fragum thurstoni* Dall, Bartsch &

Rehder, 1938 W.Pac.-Haw. / 10-20 mm / lit. 4

***nivale* (Reeve, 1845) •**

Kenya-Red Sea / 15-30 mm / lit. 13

***scruposum* (Deshayes, 1855) •***?Fragum whitleyi* Iredale, 1929: lit. 11-p. 39

Ind. Oc.-N.E. Aust. / 10-15 mm / lit. 12

***unedo* (Linnaeus, 1758) •***Cardium cruentum* Perry, 1811*Hemicardium tegulatum* Dautzenberg, 1900:

lit. 2 Indo-W.Pac. / 40-70 mm / lit. 1, 11, 12

**LUNULICARDIA Gray, 1853*****hemicardia hemicardia* (Linnaeus, 1758) •***Cardium guichardi* Bernardi, 1857:

New Cal. lit. 1

?Red Sea Jap.-W.Pac. / 30-65 mm /

lit. 1, 11, 12, 13

***hemicardia tumorifera* (Lamarck, 1819) •**

W. Aust. / 30-50 mm / lit. 1

***retusa retusa* (Linnaeus, 1767) [type spec.] •***Cardium subretusum* Sowerby, 1841: lit. 1

Indo-W.Pac. / 30-45 mm / lit. 1, 11, 12

***retusa auricula* (Niebuhr in****Forsskål, 1775) •**

Red Sea / 30-45 mm / lit. 13

**MICROFRAGUM Habe, 1951*****erugatum* (Tate, 1889) •***Cardium levisulcatum* Smith, 1903*Fragum hamelini* Iredale, 1949*Cardium* (*Cerastoderma*) *iranjanense*

Fischer-Piette, 1977

E.Afr.-W.Aust. / 10-19 mm / lit.9,11,12

***festivum* (Deshayes, 1855) [type spec.] •**

Jap.-N.E.Aust.-Tahiti / 10-15 mm / lit.12

***subfestivum* Vidal, MS •**

Queensl.-French Pol. / 10-14 mm

**PARVICARDIUM Monterosato, 1884*****carrozzai* Van Aartsen & Goud, 2001**

Med. / 6-9 mm

***exiguum* (Gmelin, 1791) •***Cardium pygmaeum* Donovan, 1799

Eur.-Med. / 10-20 mm / lit.1,8,10

***ferruginosum* (Reeve, 1845)**

20 mm / lit.2

***minimum* (Philippi, 1836) •***Cardium suecicum* Loven, 1846*Cardium perrieri* Dautzenberg & Fischer, 1897

Eur.-Med. / 5-10 mm / lit.8,10

***pinnulatum* (Conrad, 1831) •***Cardium fasciatum* Montagu, 1803*Cardium ovale* Sowerby, 1841*Cardium hudsoniense* Deshayes, 1855: lit.2

N.E.America, N.Eur.-Brittany / 10-15 mm / lit.0,8,10

***scabrum* (Philippi, 1844) •***Cardium nodosum* Turton, 1822

Eur.-Med. / 10-18 mm / lit.8,10

***scriptum* (Bucquoy, Dautzenberg & Dollfus, 1892) •**

Med.-Can.Isl. / 8-12 mm / lit.8,10

***siculum* (Sowerby, 1841) •***Cardium parvum* Philippi, 1844 [type spec.]*Cardium stellatum* Reeve, 1845*Cardium exiguum* var. *commutata* Bucquoy, Dautzenberg & Dollfus, 1892

Med. / 10-20 mm / lit.8,10

***sueziense* (Issel, 1869) •***Cardium transclathratum* Viader, 1951: lit.2

Red Sea-Thail.-Mozamb. / 10 mm / lit.13

***trapezium* Cecalupo & Quadri, 1996**

E.Med. / 2.5-3.5 mm

***vroomi* van Aartsen, Menkhorst & Gittenberger, 1984 •***Cardium transversale* Deshayes, 1854

Med.-Can.Isl. / 4-6 mm / lit.8,10

**PAPILLICARDIUM Sacco, 1899*****auri* (Fischer-Piette, 1977) •**

Sen. / 10-15 mm

***maximum* (Bucquoy, Dautzenberg & Dollfus, 1892) •**

Can.Isl. / 15-25 mm

***omanense* (Melvill in Melvill & Standen, 1906)**

Oman / 5 mm

***papillosum* (Poli, 1795) [type spec.] •***Cardium planatum* Renier, 1804*Cardium punctatum* Brocchi, 1814*Cardium polii* Payraudeau, 1826*Cardium obliquatum* Monterosato, 1884*Cardium simile* Milaschewisch, 1909

Brittany-N.W.Afr.-Black Sea / 10-16 mm / lit.8,9,10,13

***turtoni* (Sowerby, 1894) •***Cardium* (*Cerastoderma*) *lavrani*

Fischer-Piette, 1977

S.Afr. / 10-17 mm / lit.2,9

**TRIGONIOCARDIA Dall, 1900*****antillarum* (Orbigny, 1846) •***Cardium ceramidum* Dall, 1886

Flor.-W.I.-Brazil / 5-10 mm / lit.0

***granifera* (Broderip & Sowerby, 1829)**

[type spec.] •

*Cardium alabastrum* Carpenter, 1857

Cal.-Peru / 10-16 mm / lit.0,5

**LAEVICARDIINAE Keen, 1936****FRIGIDOCARDIUM Habe, 1951*****eos* (Kuroda, 1929) [type spec.] •***Frigidocardium kirana* Sakurai &

Habe, 1966 Jap.-Phil. / 20-30 mm

***exasperatum* (Sowerby, 1838) •**

?Red Sea-Jap.-W.Aust. / 20-25 mm / lit.1,11,12,13

***thaanumi* (Pilsbry, 1921) •**

tropical Pac. Haw. / 10-15 mm / lit.4

**torresi (Smith,1885) •**

*Cardium centumviratum* Mellvill in Melvill  
& Standen, 1906  
N. Ind.Oc.-W.Pac. Aust. / 10-25 mm /  
lit.11,12

**FULVIA Gray,1853****(Fulvia) additionalis Vidal, MS •**

New Cal. / 5-9 mm

**(Fulvia) aperta (Bruguière,1789)**

[type spec.] •

*Cardium tenerum* Dillwyn, 1817

*Cardium rugatum* Dillwyn, 1817

Oman-Japan-E.Indies Aust. / 35-50 mm /  
lit.1,11,12

**(Fulvia) australis (Sowerby,1841) •**

*Cardium striatum* Spengler, 1799

Med. Red Sea E.Afr.-Japan-Aust. /  
30-38 mm / lit.1,12,13

**(Fulvia) boholensis Vidal,1994 •**

Phil.-W.Aust. / 30-40 mm

**(Fulvia) dulcis (Deshayes,1863) •**

S.Afr.-New Cal. / 10-15 mm

**(Fulvia) fragiformis Vidal,1994**

New Cal. / 17 mm

**(Fulvia) fragilis (Forsskål in Niebuhr,1775) •**

*Fulvia fragilis congoensis* Von Cosel, 1995

W.+S.Afr.-W.Ind.Oc.-Red Sea-Med. /  
25-75 mm / lit.8,13 (as *F. papyracea*)

**(Laevifulvia) hungerfordi (Sowerby,1901)•**

*Fulvia (Laevifulvia) prashadi* Vidal, 1994

Jap.-Phil.-New Cal. / 10-15 mm

**(Laevifulvia) lineonotata Vidal,1994 •**

Indo-W.Pac. / 14-18 mm

**(Fulvia) mutica (Reeve,1844) •**

*Cardium japonicum* Dunker, 1861

*Cardium annae* Pilsbry, 1904

China-Japan / 35-100 mm / lit.1

**(Fulvia) natalense (Krauss,1848) •**

S.Afr.-Mozamb. / 30-45 mm

**(Fulvia) papyracea (Bruguière,1789) •**

?*Cardium pallidum* Reeve, 1845

*Fulvia voskuili* Healy & Lamprell, 1992 /  
lit.15

India-Aust. / 40-50 mm / lit.12(nr.226)

**(Fulvia) scalata Vidal,1994 •**

Indo-W.Pac.-Aust. / 15-20 mm

**(Fulvia) tenuicostata (Lamarck,1819) •**

*Cardium racketti* Donovan, 1825

*Cardium radiatum* Reeve, 1845

*Cardium pallidum* Reeve, 1845

*Fulvia fagea* Voskuil & Onverwagt, 1993

S.Aust. / 40-55 mm / lit.1,11,12,14

**(Laevifulvia) undatopicta (Pilsbry,1904) •**

Red Sea-Japan-Indo-W.Pac. / 10-18 mm

**LAEVICARDIUM Swainson,1840****angmagsalikense Voskuil &****Onverwagt,1993**

Greenl. / 40 mm / lit.14

**attenuatum (Sowerby,1841) •**

Red Sea-E.Afr.-W.Pac. / 50-87 mm /  
lit.1,11,12,16

**biradiatum (Bruguière,1789) •**

*Cardium serratum* Gmelin, 1791

*Laevicardium rubropictum* Habe &  
Kosuge, 1966

Red Sea Indo-W.Pac. / 35-57 mm /  
lit.1,11,12,13,16

**brasilianum (Lamarck,1819) •**

Brazil / 30-50 mm

**clarionense (Hertlein & Strong,1947) •**

Mex.-W.Pan. / 25-35 mm / lit.0,5

**crassum (Gmelin,1791) •**

*Cardium laevigatum* Da Costa, 1778

*Cardium norvegicum* Spengler, 1799

Norway-W.Afr. Med. / 60-80 mm /  
lit.2,8,10

**elatum (Sowerby,1833) •**

*Fulvia (Laevifulvia) ballieni* Vidal, 1994

Cal.-Pan. / 140-190 mm / lit.0,1,5

**elenense (Sowerby,1841) •**

*Cardium apicinum* Carpenter, 1864

S.Cal.-Pan. / 15-25 mm / lit.0,5

**laevigatum (Linnaeus,1758) •**

*Cardium vittellinum* Reeve, 1844

*Cardium glabratum* Römer, 1869

S.E.USA-Brazil / 50-80 mm / lit.0,1

**lobulatum (Deshayes,1855) •**

Centr.Indo-Pac.Jap.-Austr. / 20-23 mm

**mortoni (Conrad,1831) •**

S.E.USA / 15-25 mm / lit.0

**loblongum (Gmelin,1791) [type spec.]•**

*Cardium obsoletum* Spengler, 1799

*Cardium sulcatum* Lamarck, 1819

Med.-Can.Isl.-W.Afr. / 60-80 mm /  
lit.1,2,8,10

***oviputamen* (Reeve,1844) •**

*Cardium citrinum* Wood,1815

Flor.-Pan.-W.I. / 40-50 mm

***pictum* (Ravenel,1861) •**

*Laevicardium fiski* Richards,1954

S.E.USA-Brazil / 15-25 mm / lit.0,1

***substriatum* (Conrad,1837) •**

?*Cardium elenense* Sowerby,1841

Cal. / 20-25 mm / lit.0,1

***sybariticum* (Dall,1886) •**

E.USA-W.Ind.-Brazil / 17-20 mm / lit.0

*trinitatis* Tomlin,1929

Trinidad / 20 mm

***LOPHOCARDIUM* Fischer,1887**

***annettae* (Dall,1889) •**

W.Mex.-Costa Rica / 25-50 mm / lit.1,5

***cumingii* (Broderip,1833) [type spec.] •**

W.Mex.-Columbia / 25-50 mm / lit.1,5

***LYROCARDIUM* Meek,1876**

***aeolicum* (Born,1780) •**

*Cardium pectinatum* Linnaeus,1758

W.Afr. / 40-65 mm / lit.1,8

***anaxium* Oliver & Chesney,1997 •**

Red Sea-Mozamb. / 50-62 mm

***aurantiacum* (Adams & Reeve,1850) •**

Jap.-Aust. / 30-40 mm

***lyratum* (Sowerby,1841) [type spec.] •**

?Red Sea E.Afr.-Japan-N.Aust. /

40-60 mm / lit.1,11,12

***multipunctatum* (Sowerby,1841) •**

S.W.Pac.-E.Indies / 40-51 mm / lit.1,12

***MICROCARDIUM* Thiele,1934**

*aequiliratum* Poutiers,1981

Phil. / 12-26 mm

***gilchristi* (Sowerby,1904) •**

?*Microcardium* sp.A Poutiers,1992:

N.W.Aust.

S.Afr.: Natal / 15-25 mm / lit.9

***panamense* (Dall,1908) •**

*Microcardium williami* Fischer-Piette,1977

Pan.-Mex. / 10-17 mm / lit.5

***pazianum* (Dall,1916) •**

Cal.-Ecuador / 10-16 mm / lit.0,5

***peramabile* (Dall,1881) [type spec.] •**

Texas-S.E.USA-Mex.-Brazil / 10-20 mm /  
lit.0

***sakurii* (Habe,1961) •**

Jap-Phil.-Indon. / 10-15 mm

*simillimum* (Smith,1896)

Sri Lanka / 21 mm

*tenuilamellosum* Poutiers,1981

Phil. / 9 mm

***tinctum* (Dall,1881) •**

?*Microcardium transversum* Rehder &  
Abbott,1951

Fla.-Brazil / 15-17 mm / lit.0

*transversum* Rehder & Abbott,1951 •

Louisiana / 15-19 mm / lit.0

***poutiersi* Vidal, MS •**

New Cal. / 11-15 mm

***NEMOCARDIUM* Meek,1876**

***(Nemocardium) bechei* (Reeve,1847) •**

*Pratulium probatum* Iredale,1927

Jap.-Aust. / 60-75 mm / lit.1,11

***(Keenaea) centifilosum* (Carpenter,1864) •**

*Nemocardium richardsonii* Whiteaves,1878

S.Alaska-Cal. / 20-25 mm / lit.0

***(Pratulium) pulchellum* (Gray in**

**Dieffenbach, 1843) •**

*Cardium striatulum* Sowerby,1840

*Cardium exstriatulum* Sacco,1899

N.Zealand / 20-30 mm

***(Keenaea) samarangae* (Makiyama,1934)**

[type spec. of *Keenaea*] •

*Cardium modestum* Adams & Reeve,1850

Jap. / 20-31 mm

***(Pratulium) thetidis* (Hedley,1902)**

[type spec. of *Pratulium*] •

S.Aust. / 10-16 mm / lit.11,12

***TRIFARICARDIUM* Kuroda & Habe,1951**

***nomurai* (Kuroda & Habe,1951)**

[type spec.] •

Jap.-Phil. / 15-20 mm

'*Trifaricardium* sp.' Poutiers,1992

N.E. Aust. / 12 mm

***LYMNOCARDIINAE* Stoliczka,1870**

***ADACNA* Eichwald,1838**

*laeviuscula* (Eichwald,1829) [type spec.] •  
 ?*Adacna fragilis* Milachewitch, 1908  
 Black/Caspian Sea / 50 mm  
*vitrea vitrea* (Eichwald,1829) •  
 Black Sea / 20-28 mm  
*vitrea bergi* Starobogatov,1967  
 [incomplete]

#### CERASTODERMA Poli,1795

*edule* (Linnaeus,1758) [type spec.] •  
*Cardium belgicum* De Malzine,1867  
*Cerastoderma nunninkae* Lucas,1984  
 N.Eur.-S.Port.-W.Sahara / 40-60 mm /  
 lit.1,8,10  
*glaucum* (Bruguière,1789) •  
*Cardium glaucum* Poiret,1789  
*Cardium clodiense* Brocchi,1814  
 ?*Cardium lamarckii* Reeve,1845  
*Cardium belticum* Reeve,1845  
*Cardium isthmicus* Issel,1869  
*Cerastoderma glaucum marsi*  
 Nordsieck,1969  
 Eur. W.Afr. Med.-Black/Caspian Sea /  
 30-45 mm / lit.8,10,13

#### DIDACNA Eichwald,1838

*baeri* (Grimm,1877) •  
 Caspian Sea / 35-55 mm  
*barbotdemarnii* (Grimm,1877) •  
 Caspian Sea / 20-30 mm  
*crassa* (Eichwald,1838) •  
 Caspian Sea / 35-60 mm  
*parallella* Bogachev,1932 •  
 Caspian Sea / 30-55 mm  
*praetrigonoides* Nalivkin &  
 Anissimoff,1915 •  
 Caspian Sea / 55-72  
*mmtrigonoides* (Pallas,1771) [type spec.] •  
 Caspian Sea / 40-65 mm  
 [incomplete]

#### HYPANIS Eichwald,1838

*plicatum* (Eichwald,1829) [type spec.] •  
 ?*Adacna relicta* Milachewitch,1916  
 Black Sea / 30-45 mm  
 [incomplete]

#### MONODACNA Eichwald,1838

*albida* Logvinenko & Starobogatov,1967  
 Black/Caspian Sea  
*caspia* (Eichwald,1829) [type spec.] •  
 ?*Monodacna pontica* Eichwald,1838  
 Caspian Sea / 25-40 mm  
*colorata* (Eichwald,1829)  
 Black/Caspian Sea / 25-40 mm  
*filatovae* Logvinenko &  
 Starobogatov, 1967  
 Black/Caspian Sea  
*knipowitschi* Logvinenko &  
 Starobogatov,1966  
 Black/Caspian Sea  
 [incomplete]

#### CLINOCARDIINAE Kafanov,1975

##### CILIATOCARDIUM Kafanov,1975

*ciliatum ciliatum* (Fabricius,1780)  
 [type spec.] •  
*Cardium islandicum* Bruguière,1789  
*Cardium arcticum* Sowerby,1841  
 N.Eur. Arctic / 55-80 mm / lit.0,1,3,8,10  
*ciliatum pubescens* (Couthouy,1838)  
*ciliatum tchuktchense* Kafanov in  
 Scarlato,1981  
*ciliatum ochotense* Kafanov,1981 •  
*likharevi* Kafanov in Scarlato,1981  
 Arctic (Tchuktchen Sea / Sea of Japan)  
 / > 26 mm

##### CLINOCARDIUM Keen,1936

*nuttallii* (Conrad,1837) [type spec.] •  
*Cardium corbis* Martyn,1784  
*Cardium californianum* Conrad,1837  
 N.Jap., Bering Sea-S.Cal. / 70-120 mm /  
 lit.0,1,3

##### KEENOCARDIUM Kafanov,1974

*blandum* (Gould,1850) •  
*Cardium fucanum* Dall,1907: lit.0,3  
 Alaska-N.USA / 20-50 mm / lit.3  
*buelowi* (Rolle,1896) •  
*Cardium vulva* Jousseau,1898: lit.2  
 Japan / 40-65 mm / lit.3  
*californiense californiense*  
 (Deshayes,1839) [type spec.] •  
 ?*Cardium boreale* Broderip &

- Sowerby, 1829 0
- Cardium pseudofossile* Reeve, 1845
- Laevicardium interrogatorium* 1
- Fischer-Piette, 1977
- Kamchatka-Canada / 50-80 mm / lit. 1,2,3
- californiense middendorffi* Kafanov, 1999** 2
- Sea of Okhotsk / 60 mm
- californiense uchidai* (Habe, 1955) •** 3
- N. Japan-Russia / 40-70 mm / lit. 3
- SERRIPES Gould, 1841**
- (*Serripes*) *groenlandicus groenlandicus***
- (Mohr, 1786) [type spec.] •**
- Venus islandica* Fabricius, 1780 4.
- Macra radiata* Donovan, 1799 5
- Cardium edentulum* Montagu, 1808
- Macra fujinensis* Yokoyama, 1923: lit. 3
- N. Eur., circumpolar in Arctic / 65-112 mm / 6
- lit. 0,1,3,8
- (*Serripes*) *groenlandicus fabricius***
- (Deshayes, 1855) •**
- N. Atl. subarctic / 65-85 mm / lit. 3,10
- (*Serripes*) *laperousii* (Deshayes, 1839) •**
- ?*Macra fujinensis* Yokoyama, 1923 7
- Jap.-S.E. Alaska / 100-135 mm / lit. 1,3
- (*Yagudinella*) *notabilis* (G.B.**
- Sowerby, 1915) •**
- Jap.-Russia / 70-100 mm / lit. 2,3
- No subfamilial designation**
- GOETHEMIA Lambiotte, 1979**
- elegantulum* (Beck in Möller, 1842)** 9
- [type spec.] N. Atl. / 10-14 mm / lit. 0,8,10
- MAORICARDIUM Marwick, 1944**
- fraseri* (Garrard, 1963) •** 10
- N. Aust. / 50-62 mm / lit. 9,11,12
- mansitii* (Otuka, 1937) •**
- Taiwan-?Thail. / 68 mm / lit. 9
- pseudolatum* Voskuil & Onverwagt, 1991 •** 11
- Cardium latum* Born, 1780 - of authors
- Indo-W. Pac. / 50-75 mm / lit. 9,12
- pseudolima* (Lamarck, 1819) •** 12
- E. Afr.-Thail. ?Phil. / 70-150 mm / lit. 1,9,13
- setosum* (Redfield, 1846) •** 13
- Thail.-Aust. / 50-75 mm / lit. 1,9,11,12
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Names in ***bold italic*** refer to valid specific and subspecific taxa; names in *italic* to synonyms. ? = Questionable synonym

† = Reference to fossil species / feature

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