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SYNONYMY OF THE FAMILY CYCLADES.

BY TEMPLE PRIME.

[From the Proceedings of the Academy of Natural Sciences of Philadelphia, June, 1860.]

Synonymy of the Cyclades, a family of Acephalous Mollusca. Part I.

BY TEMPLE PRIME.

Family CYCLAS, Fer.

Genera.

GALATEA, Brug.

Pectunculus, Lister. *Venus*, Chemn. *Donax*, Perry. *Tellina*, Dillwyn. *Chama*, Favanne. *Egeria*, De Roissy. *Megadesma*, Bowditch. *Potamophila*, Sowerby. *Galateola*, Fleming. *Trigona*, Schum.

GLAUCONOME, Gray.

Solen, Linn. *Glauconomya*, Bronn.

CYPRINA, Lamk.

Pectunculus, Lister. *Cardia*, Olafsen. *Venus*, Linn. *Arctica*, Schum.

VELORITA, Gray. 1834.

Cyrena, Valenc. 1838.

CORBICULA, Megerle. 1811.

Tellina, Müller, 1774. *Venus*, Chemn. 1782. *Cyclas*, Brug. 1792. *Cyrena*, Lamk., 1818. *Venulites*, Schl., 1820.

CYRENA, Lamk. 1818.

Venus, Chemn., 1769. *Cyclas*, Brug., 1792. *Cyanocyclas*, Fer., 1818. *Poly-mesoda*, Rafin., 1820. *Macra*, Brongt., 1823. *Geloïna*, Gray, 1844.

BATISSA, Gray. 1854.

Cyprina, *Cyclas*, Brug., 1792. *Cyrena*, Lamk. 1818.

SPHÆRIUM, Scopoli.

Pectunculus, Lister, 1685. *Musculus*, Gualt. 1742. *Tellina*, Linn., 1758. *Sphærium*, Scop., 1777. *Cardium*, Da Costa, 1778. *Cyclas*, Brug., 1792. *Nux*, Humphr. 1797. *Musculium*, Link. 1807. *Cornea*, *Pisum*, Megerle. 1811. *Corneocyclas*, Fer., 1818. *Amesoda*, Rafin., 1820. *Pisidium*, Verany, 1846. *Cycladites*, Krug, 1848.

PISIDIUM, Pf. 1821.

Pectunculus, List., 1685. *Musculus*, Gualt., 1742. *Tellina*, Müller, 1774. *Sphærium*, Scop. 1777. *Cardium*, Poli. 1791. *Cyclas*, Lamk. 1818. *Pera*, *Euglesia*, *Cordula*, Leach, 1820. *Physemoda*, Raf., 1820. *Gallileja*, Da Costa, 1839. *Pisum*, Gray, (non Megerle), 1847. *Musculium*, Gray, (non Link), 1851.

Species.*

VELORITA, Gray.

1. *V. Cyprinoides*, Gray. Grif. Cuvier, pl. 31, f. v. 1834.
Cyrena Cyprinoides, Gray. Ann. Phy. n. ser. ix. 136. 1825.
C. recurvata, Valenc. Mag. Zool. pl. 119, f. 2. 1838.
C. Gaudichaudii, Valenc. Loc. sub. cit. pl. 119, f. 2. 1838.
 Hab. Philippines.

CORBICULA, Megerle.

1. *C. acutangularis*, Desh.
Cyrena acutangularis, Desh. Inv. Par. 517, pl. 38, f. 17, 18. 1857.
 Hab. France, (fossil.)

* The synonymy of the species of *Galatea*, *Glauconome* and *Cyprina*, will be given at some future period; that of the species of *Batissa* and *Pisidium* will be found in the Annals of the Lyceum of N. H., of New York, vol. vii.

2. *C. Africana*, Adams. Ad. Rec. Gen. 2, 447. 1858.
Cyrena Africana, Kr. Moll. S. Afr. 8, pl. i. f. 9. 1848.
C. Gauritziana, Kr. In litt. 1848.
 Hab. Africa.
3. *C. Agrensis*, Prime.
Cyrena Agrensis, Kurr. in litt.
 Hab. India.
4. *C. Alpina*, Prime.
Cyrena Alpina, Bgt. Sph. fr. 49. 1854.
Cyclas Alpina, d'Orb. Prod. 2, 381. 1851.
 Hab. France, (fossil.)
5. *C. ambigua*, Desh. Proc. Zool. xxii. 345. 1854.
 Hab. Euphrates.
6. *C. amygdalina*, Desh.
Cyrena amygdalina, Desh. Inv. Par. 500, pl. 37, f. 22, 23. 1857.
 Hab. France, (fossil.)
7. *C. angusta*, Desh.
Cyrena angusta, Desh. Inv. Par. 508, pl. 37, f. 9-12. 1857.
 Hab. France, (fossil.)
8. *C. antiqua*, Prime.
Cyrena antiqua, Fer. Moll. terr. et fluv. f. 5.
Cyclas antiqua, d'Orb. Prod. 2, 304. 1854.
 Hab. France, (fossil.)
9. *C. Arnoudii*, Prime.
Cyrena Arnoudii, Pot et Mich. Gal. Moll. 2, 192, pl. 61, f. 15, 16. 1838-4
 Hab. France, (fossil.)
10. *C. Arveniensis*, Desh.
Cyrena Arveniensis, Desh. Trait. Elem. Conch. 2, 698. 1843-50.
C. pisum, Desh. Bouillet, Cat. 157. 1836.
 Hab. France, (fossil.)
11. *C. Australis*, Desh.
Cyclas Australis, Lam. Lam. v. 560. 1818.
Cyrena Australis, Desh. Encycl. Méth. 2, 50. 1830.
 Hab. Asia.
12. *C. Bengalensis*, Desh. Proc. Zool. xxii. 344. 1854.
 Hab. Bengal.
13. *C. Bensoni*, Desh. Proc. Zool. xxii. 345. 1854.
 Hab. Bengal.
14. *C. Bouillettii*, Desh.
Cyrena Bouillettii, Desh. Trait. Elem. Conch. 2, 698. 1843-50.
C. depressa, Desh. Bouillet, Cat. 156. 1836.
 Hab. France, (fossil.)
15. *C. Brasiliana*, Adams. Ad. Rec. Gen. 2, 447. 1858.
 Hab. Brazil.
16. *C. breviscula*, Desh.
Cyrena breviscula, Desh. Inv. Par. 503, pl. 36, f. 9-11. 1857.
 Hab. France, (fossil.)
17. *C. Britannica*, Desh.
Cycles deperdita, Lam. Park. Org. Rem. 3, 189, pl. 13, f. 8. 1811.
Cyrena subdeperdita, Morris. Cat. Brit. fossils 86. 1843.
Cyclas subdeperdita, d'Orb. Prod. 2. 305. 1850.

- Cyrena Britannica*, Desh. Inv. Par. 501. 1857.
Hab. Engl. (fossil.)
18. *C. brunea*, Prime. In litt. 1860.
Hab. Scamander River.
19. *C. Cashmiriensis*, Desh. Proc. Zool. xxii. 344. 1854.
Hab. Cashmyr.
20. *C. Chilensis*, Prime.
Cyclas Chilensis, d'Orb. Voy. Amer. 568, pl. 83, f. 11-13. 1846.
Musculium Chilense, d'Orb. Ads. Rec. Gen. 2, 451. 1858.
Pisum Chilense, d'Orb. Loc. sub. cit. 2, 460. 1858.
Hab. Chili.
21. *C. compressa*, Mousson. Ads. Rec. Gen. 2, 447. 1858.
Hab?
—*C. consobrina*, Adams. Rec. Gen. 2, 447. 1858. Is *Corbicula cor* Adams.
22. *C. convexa*, Desh. Proc. Zool. xxii. 342. 1854.
Hab. Central America.
23. *C. cor*, Adams. Rec. Gen. 2, 447. 1858.
Cyrena cor, Lam. Lam. v. 552. 1818. Delessert pl. vii. f. 7. 1841.
C. consobrina, Caillaud. Voy. Mèroé iv. 263, t. 2, pl. 61, f. 10-11. 1826.
Cyclas consobrina, Caillaud, Caltow and Reeve, 29. 1845.
Corbicula consobrina, Adams. Rec. Gen. 2, 447. 1858.
Hab. Asia.
24. *C. crassa*, Desh.
Cyrena crassa, Desh. Coq. Foss. Par. 1, 119, pl. 18, f. 14, 15. 1824.
C. spissa, Desh. Loc. sup. cit. p. 9, pl. 18, f. 14, 15. 1824.
Cycles crassa, d'Orb. Prod. 2, 422. 1850.
Hab. France, (fossil.)
25. *C. crassula*, Prime.
Cyrena crassula, Mousson. Mous. Cat. Bellardi. p. 54. f. 12. 1854.
Hab. Tigris River.
26. *C. Cumingii*, Desh.
Hab. Philippines.
27. *C. cuneata*, Adams. Rec. Gen. 2, 447. 1858.
Cyrena cuneata, Jonas. Zeit. Malak. 186. 1844. Phil. Abb. 2, 77. pl. i. f. 6. 1846.
C. globulus, Jonas. In litt.
Hab. Orinoco.
28. *C. cuneiformis*, Prime.
Cyrena cuneiformis, Ferussac. Moll. Terr. Fluv.
Cyclas cuneiformis, Sowb. M. Conch. 2, 140, pl. 162, f. 2, 3. 1818.
Cyrena donacialis, Desh. Dict. class h. n. v. 290. 1824.
C. donaciformis, Anton. Verz. 1839.
Hab. Europe, (fossil.)
29. *C. cycladiformis*, Desh.
Erycina laevis, Lam. Ann. Mus. v. 413. 1805.
Cyrena cycladiformis, Desh. Coq. Foss. Par. 1, 121, pl. 19, f. 7-9. 1824.
Cycles cycladiformis, d'Orb. Prod. 2, 381. 1850.
Hab. Europe, (fossil.)
30. *C. debilis*, Prime.
Cyrena debilis, Gould. Bost. Proc. 3, 293. 1850.
Hab. N. Guinea.

31. *C. deperdita*, Desh.
Cyclas deperdita, Lam. Ann. Mus. vii. 421. 1806.
Cyrena deperdita, Desh. Cog. Foss. Par. 1, 118, pl. 19, f. 14, 15. 1824.
Hab. France, (fossil.)
32. *C. Deshayesii*, Prime.
Cyrena Deshayesii, Hébert. Bull. Soc. Géol. Fr. 2d. n. v. 401. f. a. b. 1848.
Hab. France, (fossil.)
33. *C. Duchasteli*, Nyst. Bull. Brux. xv. 114, f. 1-4. 1838.
Cyrena trigonula, Wood. Ann. Mag. n. h. vii. 275, f. 45. 1841.
Hab. Europe, (fossil.)
34. *C. Ferrussaci*, Prime.
Cyrena Ferrussaci, Math. Cat. Méth. 149, pl. xiv. f. 14, 15. 1842.
Cyclas Ferrussaci, d'Orb. Prod. 3, 19. 1852.
Hab. France, (fossil.)
35. *C. fluminalis*, Adams. Rec. Gen. 2, 447. 1858.
Tellina fluminalis, Müller. Verm. 2, 205. 1774.
T. fluviatilis, Müller. Loc. sup. cit. 2, 206. 1774.
Venus fluminalis, Chemn. vi. pl. 30, f. 320. 1782.
V. fluviatilis, Chemn. Loc. sup. cit. pl. 30, f. 321. 1782.
Cyclas Euphratica, Lam. Ann. Mus. vii. 420. 1806. Encycl. pl. 301, f. 2, pl. 302, f. 1, 2.
C. fluviatilis, Bosc. 3, 38. 1802.
C. lævigata, Schum. 170, pl. xii, f. 1. 1817.
Cyrena fuscata, Lam. Lam. v. 552. 1818.
C. Euphratica, Bronn. Syst. Urwelt. pl. iv. f. 10.
C. orientalis, Lam. Phil. Abb. 2, 75, pl. 1, f. 2. 1846. Mousson, Moll. Java 86, pl. xv. f. 2. 1849.
Corbicula fuscata, Cantor. Proc. Zool. x. 124. 1852.
Cyrena fluminalis, Bgt. Cat. Sauley 79. 1853.
Corbicula fluviatilis, Adams. Rec. Gen. 2, 447. 1858.
Hab. Asia.
36. *C. fluminea*, Adams. Rec. Gen. 2, 447. 1858.
Tellina fluminea, Gml. 3243. 1788. Müller, Verm. 2, 205. 1774.
Venus fluminea, Chemn. vi. 321, pl. 30, f. 322-23. 1782.
Cyclas Chinensis, Lam. Ann. Mus. vii. 421. 1806.
C. fluminea, Bosc. 3, 38. 1802.
Cyrena fluminea, Lam. Lam. v. 553. 1818. Phil. Abb. 2, 76, pl. 1. f. 3. 1846.
Hab. China.
—*C. fluviatilis*, Adams. Rec. Gen. 2, 447. 1858, is *Corbicula fluminalis*, Adams.
37. *C. Forbesii*, Desh.
Cyrena Forbesii, Desh. Inv. Par. 510, pl. 37, f. 24-27. 1857.
Hab. France, (fossil.)
—*C. fuscata*, Cantor. Proc. Zool. x. 124. 1852. Is *Corbicula fluminalis*, Adams.
38. *C. gracilis*, Prime.
Cyrena fluminea, Mousson. Moll. Java, 87, pl. xv. f. 3. 1849.
Corbicula Moussonii, Desh. Litt. Adams, Rec. Gen. 2, 447. 1853.
Hab. Java.
—*C. grandis*, Desh. Proc. Zool. xxii. 344. 1854, is *Corbicula Woodiana*, Adams.
39. *C. Gravesii*, Desh.
Cyrena Gravesii, Desh. Coq. Foss. Par. 2, 810. 1824.

- C. Gravii*, Desh. Loc. sup. cit. 1, 120, pl. 19, f. 3-4. 1824.
Cyclas Gravesii, d'Orb. Prod. 2, 323. 1850.
 Hab. France, (fossil.)
 —*C. hammalis*, Ferussac. Mag. Zool. v. 59-60. 1835.
Cyclas hammalis, Fer. Rafin. Bory St. Vt. Ann. Gen. Sci. Phys. v. 319.
 1820. (Not described.)
40. *C. inæquilateralis*, Prime. In litt. 1860.
 Hab. Africa.
41. *C. incrassata*, Desh. Proc. Zool. xxii. 342, 1854.
 Hab. ?
42. *C. Largillierti*, Adams. Rec. Gen. 2, 447. 1858.
Cyrena Largillierti. Phil. Zeit. Malac. 163. 1844. Abb. 2, 75, pl. 1,
 f. 1. 1846.
 Hab. China.
43. *C. limosa*, Adams. Rec. Gen. 2, 447. 1858.
Tellina limosa, Maton. Trans. Linn. Soc. London x. 325, pl. 24, f. 8-10.
 1809.
Cyrena limosa, Gray. Ann. Ph. n. ser. ix. 137. 1825.
 Hab. South America.
44. *C. Malacensis*, Desh. Proc. Zool. xxii. 343. 1854.
 Hab. Malacca.
45. *C. Manillensis*, Prime.
Cyrena Manillensis. Phil. Zeit. Malac. 163. 1844.
C. fluviatilis. Phil. (non *Venus fluminea*, Chemn.) Phil. Abb. 2, 77,
 pl. 1, f. 5. 1846.
 Hab. Manilla.
46. *C. maxima*, Prime. Proc. Zool. xxviii. 1860.
 Hab. ?
47. *C. media*, Prime.
Cyrena media, Fitton. Ann. Ph. and n. ser. vii. 376. 1824.
Cyclas media, Sowb. M. Conch. vi. 51, pl. 527, f. 2. 1829.
 Hab. Engl. (fossil.)
48. *C. minor*, Prime. In litt. 1860.
 Hab. ?
49. *C. mixta*, Desh.
Cyrena mixta, Desh. Inv. Par. 1058.
 Hab. France, (fossil.)
 —*C. Moussonii*, Desh. Adams, Rec Gen. 2, 447. 1858. Is *Corbicula*
gracilis, Prime.
50. *C. Nepeansis*, Prime.
Cyclas Nepeansis, Less. Voy. Coq. ii, 428, pl. xiii. f. 14. 1820.
 Hab. N. South Wales.
51. *C. nitens*, Adams. Rec. Gen. 2, 447. 1858.
Cyrena nitens. Phil. Zeit. Malac. 163. 1844. Abb. 2, 76, pl. 1, f. 4,
 1846.
 Hab. China.
52. *C. notata*, Prime. In litt. 1860.
 Hab. Phillipines.
53. *C. obovata*, Prime.
Cyclas obovata, Sowb. Min. Conch. 2, 140, pl. 162, f. 4-6. 1818.
Cyrena obovata, Desh. Encycl. Méth. 2, 52. 1830.
 Hab. Engl. (fossil.)

54. *C. obscura*, Desh. Proc. Zool. xxii. 342. 1854.
Hab?
55. *C. obsoleta*, Desh. Proc. Zool. xxii. 345. 1854.
Hab. Uruguay.
56. *C. occidens*, Bens. Adams, Rec. Gen. 2, 447. 1858.
Hab. India.
57. *C. orbicularis*, Prime.
Cyrena orbicularis, Desh. Mellev. Mem. Terr. Tert. Par. 35, pl. 2, f. 3, 4. 1843.
Cyclas suborbicularis, d'Orb. Prod. 2, 304. 1850.
Cyrena suborbicularis, Desh. Inv. Par. 497. pl. 38, f. 11, 12. 1857.
Hab. France, (fossil.)
58. *C. orientalis*, Adams. Rec. Gen. 2, 447. 1858.
Cyrena orientalis, Lam. Lam. v. 552. 1818. Delessert, pl. vii. f. 8. 1841.
Hab. Asia.
59. *C. ovalina*, Desh. Proc. Zool. xxii. 343. 1854.
Hab. Port. Essington, Australia.
60. *C. ovalis*, Prime. Proc. Zool. xxviii. 1860.
Hab?
61. *C. Panormitana*, Adams. Rec. Gen. 2, 447. 1858.
Cyrena Panormitana, Bivon.
Hab. Europe, (fossil.)
62. *C. Paranacensis*, Adams. Rec. Gen. 2, 448. 1858.
Cyrena Paranacensis, d'Orb. Guer. Mag. v. 44. 1835.
Cyclas Paranacensis, d'Orb. Voy. Amer. 567, pl. 83, f. 23-25. 1846.
Hab. S. America.
63. *C. parva*, Prime.
Cyrena ovalina, Desh. Inv. Par. 505, pl. 36, f. 16-18. 1857.
Hab. France, (fossil.)
64. *C. parvula*, Prime. In litt. 1860.
Hab. India.
65. *C. pisum*, Desh.
Cyrena pisum, Desh. Coq. Foss. Par. 1, 117, pl. 19, f. 10-13. 1824.
Cyclas pisum, d'Orb. (non Math.) Prod. 2, 322. 1850.
Hab. France, (fossil.)
66. *C. prolongata*, Prime. In litt. 1860.
Hab. E. Australia.
67. *C. pulchella*, Adams. Rec. Gen. 2, 448. 1858.
Cyrena pulchella, Mouss. Moll. Java, 88, pl. 15, f. 4. 1849.
Hab. Java.
68. *C. pullata*, Adams. Rec. Gen. 2, 448. 1858.
Cyrena pullata, Phil. Phil. Abb. 3, 110. 1849.
Hab. Sumatra.
69. *C. pusilla*, Adams. Rec. Gen. 2, 448. 1858.
Cyrena pusilla, Parr. Phil. Abb. 3, 78, pl. 1, f. 7. 1846.
Hab. River Nile.
70. *C. radiata*, Adams. Rec. Gen. 2, 447. 1858.
Cyrena radiata, Parr. Phil. Abb. 2, 78, pl. 1, f. 8. 1846.
Hab. River Nile.

71. *C. recurvata*, Eydoux. Adams, Rec. Gen. 2, 448. 1858.
Hab?
72. *C. regularis*, Pr. MSS. 1859. Collect. Cuming.
Hab. Deacan River, Australia.
73. *C. rhomboidea*, Pr. MSS. 1859. Collect. Auctoris.
Hab. Malacca.
74. *C. rivalis*, Adams. Rec. Gen. 2, 448. 1858.
Cyrena rivalis, v. d. Busch. Phil. Abb. 3, 110, pl. 3, f. 5. 1849.
Corbicula striatella, Desh. Proc. Zool. xxii. 344. 1854.
Hab. Java.
75. *C. rotunda*, Prime. Proc. Ac. N. S. Phil. 1860.
Hab. Surinam.
76. *C. Rouyana*, Prime.
Cyclas Rouyana, d'Orb. Prod. 2, 381. 1850.
Cyrena Rouyana, Bgt. Sph. p. 51. 1854.
Hab. France, (fossil.)
77. *C. semistriata*, Desh.
Venulites subaratus, Schloth. Petr. 200. 1820.
Cyrena semistriata, Desh. Encycl. 2, 52. 1830.
C. trigona, Desh. } Goldf. Petr. Germ. 2. 1834-40.
C. cuneiformis, Fer. }
C. subovata, Bronn. Leth. Geog. 2, 958, pl. 38, f. 2. 1835-8.
Cyclas semistriata, d'Orb. Prod. 3, 19. 1852.
Cyrena convexa, Heb. et Renev. Foss. Num. Sup. 59. 1854.
Hab. Europe, (fossil.)
78. *C. semisulcata*, Desh. Proc. Zool. xxii. 343. 1854.
Hab. Victoria River, Australia.
—*C. similis*, Adams. Rec. Gen. 2, 448. 1858, is *Corbicula Woodiana*,
Adams.
79. *C. solidula*, Prime. In litt. 1860.
Hab. ?
80. *C. squalida*; Desh. Proc. Zool. xxii. 342. 1854.
Hab. ?
—*C. striatella*, Desh. Proc. Zool. xxii. 344. 1854. Is *Corbicula rivalis*,
Adams.
81. *C. subradiata*, Prime.
Cyrena subradiata, Kurr.
Hab. India.
82. *C. sulcatina*, Desh. Proc. Zool. xxii. 348. 1854.
Hab. ?
83. *C. tellinella*, Prime.
Cyrena tellinella, Ferussac. Hist. Moll. f. 1.
Cyclas tellinella, d'Orb. Prod. 2, 304. 1850.
Hab. Europe, (fossil.)
84. *C. tellinoidea*, Prime.
Cyrena tellinoidea, Bouillet. Cat. Foss. 156. 1836.
Hab. France, (fossil.)
85. *C. tenuistriata*, Prime. Proc. Zool. xxviii. 1860.
Hab. ?
86. *C. triangula*, Prime.
Cyrena trigona, Desh. Coq. Foss. Par. 1, 118, pl. 19, f. 16, 17. 1824.

- Cyclas trigona*, d'Orb. Prod. 2, 304. 1850.
Hab. France, (fossil.)
87. *C. triangularis*, Desh. Proc. Zool. xxii. 345. 1854.
Hab. ?
88. *C. trigona*, Desh. Proc. Zool. xxii. 344. 1854.
Hab. Pondicherry, India.
89. *C. trigonella*, Prime.
Cyrena trigonella, Lam. Lam. v. 552. 1818.
Hab. East Indies.
90. *C. truncata*, Prime.
Cyrena truncata, Lam. Lam. v. 553. 1818.
Hab. N. America, (fossil.)
91. *C. tumida*, Desh. Proc. Zool. xxii. 343. 1854.
Hab. Borneo.
92. *C. Vapincana*, Prime.
Cyclas Vapincana, d'Orb. Prod 2, 381. 1850.
Cyrena Vapincana, Bgt. Sph. fr. 51. 1854.
Hab. France, (fossil.)
93. *C. variegata*, Adams. Rec. Gen. 2, 448. 1858.
Cyrena variegata, d'Orb. Guer. Mag. v. 44. 1835.
Cyclas variegata, d'Orb. Voy. Amer. 567, pl. 82, f. 14-16. 1846.
Cyclas limosa, d'Orb. Loc. sup. cit. pl. 82, f. 14-16. 1846.
Hab. S. America.
94. *C. veneriformis*, Desh.
Cyrena veneriformis, Desh. Inv. Par. 499, pl. 38, f. 1, 2. 1857.
Hab. France, (fossil.)
95. *C. ventricosa*, Prime. In litt. 1860.
Hab. Mazatlan.
96. *C. violacea*, Prime. In litt. 1860.
Hab. ?
97. *C. Woodiana*, Adams. Rec. Gen. 2, 448. 1858.
Cyrena Woodiana, Lea. Trans. Amer. Phil. Soc. v. 110, pl. 18, f. 55.
1832.
Cyrena similis, Gray. Grif. Cuv. pl. 20, f. 2. 1834.
Corbicula grandis, Desh. Proc. Zool. xxii. 344. 1854.
Corbicula similis, Adams. Rec. Gen. 2, 448. 1858.
Hab. China.
- CYRENA, Lamarck.
1. *C. abbreviata*, Desh. Invt. Par. 491, pl. 38, f. 13, 14. 1857.
Hab. France, (fossil.)
—*C. acutangularis*, Desh. Loc. sub. cit. 517, pl. 38, f. 17, 18. 1857.
Is *Corbicula acutangularis*, Desh.
2. *C. æqualis*, Glf. Petr. germ. 2, 224, pl. 146, f. 5, 1834—40.
Hab. Germany, (fossil.)
3. *C. æquilatera*, Desh. Proc. Zool. xxii. 20. 1854.
Hab. Guiana.
4. *C. affinis*, Desh. Loc. sub. cit. xxii. 16. 1854.
Hab. Australia.
—*C. Africana*, Kr. Moll. S. Afr. 8, pl. 1, f. 9. 1848. Is *Corbicula Africana*, Adams.

- C. Alpina*, Bgt. Sph. fr. 49. 1854. Is *Corbicula Alpina*, Prime.
 —*C. agrensis*, Kurr. In litt. Is *Corbicula agrensis*, Prime.
5. *C. alta*, Dkr. Wäld. 153. 1854.
 Hab. Germany, (fossil.)
 —*C. altilis*, Gld. Bost. II. vi. 400, pl. xvi. f. 5. 1852. Is *Cyrena Mexicana*, Sowb.
6. *C. ambigua*, Br. Geol. II. x. 275. 1854.
 Hab. Germany, (fossil.)
 —*C. amygdalina*, Desh. Inv. Par. 500, pl. 37, f. 22, 23. 1857. Is *Corbicula amygdalina*, Desh.
7. *C. Anglicana*, Prime.
Cyrena obtusa, Forbes, (preoc.) Rec. Sci. 2, pl. 3, f. 4.
 Hab. England, (fossil.)
8. *C. angulata*, Römer. Oolitt. i. 117, pl. 9, f. 12. 1835.
 Hab. Germany, (fossil.)
 —*C. angulata*, Desh. Proc. Zool. xxii. 22. 1854. Is *Cyrena tumida*, Prime.
 —*C. angusta*, Desh. Inv. Par. 508, pl. 37, f. 9–12. 1857. Is *Corbicula angusta*, Desh.
9. *C. angustidens*, Desh. Mellev. Terr. Tert. Par. 35, pl. 2, f. 1, 2. 1843.
Cyclas angustidens, d'Orb. Prod. 2, 304. 1850.
 Hab. France, (fossil.)
10. *C. anomala*, Desh. Proc. Zool. xxii. 21. 1854.
Cyrena Peruviana, Desh. In litt.
 Hab. Peru.
 —*C. antiqua*, Fer. Moll. Terr. Fluv. f. 5. Is *Corbicula antiqua*, Prime.
11. *C. apicina*, Dkr. Wäld. 149. 1834.
 Hab. Germany, (fossil.)
12. *C. arata*, Forbes. Geol. II. vii. pl. 5, f. 6. 1851.
 Hab. England, (fossil.)
13. *C. arctata*, Desh. Proc. Zool. xxii. 20. 1854.
 Hab. Maracaibo.
14. *C. arenaria*, Forbes. Rec. Sci.
 Hab. England, (fossil.)
 —*C. Arnoudii*, Pot. & Mich. Gal. Moll. 2, 192, pl. 61, f. 15, 16. 1838–'44. Is *Corbicula Arnoudii*, Prime.
 —*C. arveniensis*, Desh. Trait. Conch. 2, 698. 1843–'50. Is *Corbicula Arveniensis*, Desh.
15. *C. astarte*, Dkr. Wäld. 153. 1831.
 Hab. Germany, (fossil.)
 —*C. Australis*, Desh. Encycl. 2, 50. 1830. Is *Corbicula Australis*, Desh.
16. *C. Bengalensis*, Lam. Lam. v. 554. 1818.
Venus Bengalensis, Lister, pl. 345, f. 182.
Cyclas Bengalensis, Fer.
 Hab. Asia.
17. *C. Boliviana*, Phil. Zeit. Malac. 70. 1851.
 Hab. Bolivia.
 —*C. Bouilleti*, Desh. Trait. Conch. 2, 698. 1843–50. Is *Corbicula Bouilleti*, Desh.
 —*C. breviscula*, Desh. Inv. Par. 503, pl. 36, f. 9–11. 1857. Is *Corbicula breviscula*, Desh.

18. *C. Bronnii*, Dkr. Wäld. 160. 1834.
 Hab. Germany, (fossil.)
 —*C. Britannica*, Desh. Inv. Par. 501. 1857. Is *Corbicula Britannica*, Desh.
19. *C. brunea*, Pr. Proc. Zool. xxviii. 1860.
 Hab. ?
20. *C. Buschii*, Phil. Abb. 3, 78, pl. 2, f. 2. 1849.
 Hab. ?
21. *C. Caledonica*, Gas. II. Conch. vi. 277. 1857.
 Hab. N. Caledonia.
22. *C. Californiensis*, Prime.
Cyrena subquadrata, Desh. (preoc.) Proc. Zool. xxii. 21, 1854.
 Hab. California.
23. *C. cardioides*, Desh. Inv. Par. 498, pl. 36, f. 1-3. 1857.
 Hab. France, (fossil.)
24. *C. Caroliniensis*, Lam. Lam. v. 1818.
Cyclas Caroliniensis, Bose. Fer. Cat. Méth. 84. 1807.
C. Caroliniana, Bose. 3, 37, pl. xviii. f. 4.
 Hab. N. America.
25. *C. caudata*, Roemer. Oolit. 1, 117, pl. 8, f. 13. 1835.
Cyrena excavata, Roemer. Loc. sub. cit. 1, 117, pl. 9, f. 6. 1835.
 Hab. Germany, (fossil.)
 —*C. Charpenterianus*, Bgt. (err.) II. Conch. iv. 173. 1853. Is *Ancylus Charpenterianus*, Bgt.
26. *C. Charpentieri*, Desh. P. & M. Gal. Moll. 2, 191, pl. 61, f. 18, 19. 1838-44.
 Hab. Europe, (fossil.)
 —*C. Childrenæ*, Gray. Ann. Phy. n. ser. ix. 137. 1825. Is *Battissa Childrenæ*, Gray.
27. *C. compressa*, Desh. Lam. (ed. Desh.) vi. 279. 1835.
Cyrena depressa, Desh. (non Lam.) Dict. class. h. n. v. 290. 1824.
Cyclas subdepressa, d'Orb. Prod. 2, 381. 1850.
 Hab. France, (fossil.)
28. *C. compta*, Desh. Proc. Zool. xxii. 18. 1854.
 Hab. ?
 —*C. compta*, Desh. Inv. Par. 491, pl. 35, f. 1-3, pl. 36, f. 19, 20. 1857. Is *Cyrena Gallicana*, Prime.
29. *C. conjuncta*, Desh. Proc. Zool. xxii. 15. 1854.
 Hab. ?
 —*C. consobrina*, Call. Voy. Mer. iv. 263, t. 2, pl. 61, f. 10, 11. 1826.
 Is *Corbicula cor*, Adams.
 —*C. convexa*, H. & Renev. Foss. num. sup. 59. 1854. Is *Corbicula semistriata*, Desh.
 —*C. cor*, Lam. Lam. v. 552. 1818. Is *Corbicula cor*, Adams.
30. *C. corbiculæformis*, Prime. Ac. N. S. Phil. Proc. 1860.
 Hab. Malabar.
31. *C. cordata*, Morris. Geol. II. x. 158, pl. 2, f. 8, 9. 1854.
 Hab. England, (fossil.)
32. *C. cordiformis*, Desh. Dict. class. h. n. 290. 1824.
 Hab. France, (fossil.)
 —*C. cordiformis*, Recluz, (preoc.) II. Conch. 251, pl. 7, f. 9. 1853.
 Is *Cyrena Recluzii*, Prime.

- C. crassa*, Desh. Coq. foss. Par. i. 119, pl. 18, f. 14, 15. 1824. Is *Corbicula crassa*, Desh.
- C. crassula*, Mouss. Malak. Blät. 57. 1855. Is *Corbicula crassula*, Prime.
33. *C. Credueri*, Dkr. Weald. 152. 1846.
Hab. Germany, (fossil.)
34. *C. crenulata*, Desh. Inv. Par. 518, pl. 34, f. 10–12. 1857.
Hab. France, (fossil.)
35. *C. Cubensis*, Prime.
Cyclas maritima, d'Orb. D'Orb. Cuba 2, 280, pl. xxi. f. 47–50. 1853.
Hab. Cuba.
36. *C. Cumingii*, Desh. Proc. Zool. xxii. 22. 1854.
Hab. Central America.
—*C. cuneata*, Jonas. Zeit. Malak. 186. 1844. Is *Corbicula cuneata*, Adams.
C. cuneiformis, Fer. Moll. terr. fluv. Is *Corbicula cuneiformis*, Prime.
37. *C. Cunninghamii*, Forbes. Geol. II. vii. 112, pl. v. f. 9. 1851.
Hab. England, (fossil.)
—*C. cycladiformis*, Desh. Coq. foss. Par. 1, 121, pl. 19, f. 7–9. 1824. Is *Corbicula cycladiformis*, Desh.
—*C. cyclostoma*, Bgt. (err.) Il. Conch. iv. 193. 1853. Is *Ancylus cyclostoma*, Bgt.
—*C. Cyprinoides*, Gray. Ann. Phy. n. ser. ix. 136. 1825. Is *Velovrita Cyprinoides*, Gray.
38. *C. Cyprinoides*, Quoy. Voy. Astrol. 3, 513, pl. 82, f. 1–3. 1834.
Hab. N. Guinea.
—*C. debilis*, Gld. Bost. Proc. 3, 293. 1850. Is *Corbicula debilis*, Prime.
39. *C. decipiens*, Desh. Proc. Zool. xxii. 17. 1854.
Hab. ?
40. *C. densata*, Conrad. Ac. N. S. Phil. Proc. i. 324. 1845.
Cyclas densata, d'Orb. Prod. 3, 109. 1852.
Hab. North America, (fossil.)
—*C. deperdita*, Desh. Coq. foss. Par. 1, 118, pl. 19, f. 14, 15. 1824. Is *Corbicula deperdita*, Desh.
—*C. deperdita*, Morris, Cat. Brit. foss. 86. 1843. Is *Corbicula Britannica*, Desh.
—*C. depressa*, Lam. Lam. v. 553. 1818. Encycl. pl. 302, f. 3. Is *Asartarte borealis*, Gray.
—*C. depressa*, Desh. Dict. class. h. n. v. 290. 1824. Is *Cyrena compressa*, Desh.
—*C. Deshayesii*, Hebert. Bull. Soc. Géol. Fr. 2d ser. v. 401, f. a'. b'. 1848. Is *Corbicula Deshayesii*, Prime.
—*C. Deshayesianus*, Bgt. (err.) Il. Conch. iv. 183. 1853. Is *Ancylus Deshayesianus*, Bgt.
41. *C. difficilis*, Desh. Inv. basin. Par. 513, pl. 37, f. 3–5. 1857.
Hab. France, (fossil.)
42. *C. dispar*, Koch & Dkr. Oolit. 60, pl. vii. f. 6, a. b. 1837.
Hab. Germany, (fossil.)
43. *C. distincta*, Desh. Inv. Par. 492, pl. 35, f. 7–9. 1857.
Hab. France, (fossil.)

44. *C. divaricata*, Desh. Proc. Zool. xxii. 17, 1854.
 Hab. N. Guinea.
 —*C. douacialis*, Desh. Dict. class h. n. v. 290. 1824. Is *Corbicula cuneiformis*, Prime.
 —*C. douaciformis*, Anton. Verz. 1839. Is *Corbicula cuneiformis*, Prime.
45. *C. douacina*, Dkr. Wäld. 162. 1854.
 Hab. Germany, (fossil.)
46. *C. dorsata*, Dkr. Wäld. 155. 1834.
 Hab. Germany, (fossil.)
- 46a *C. Dulchurchiensis*?
 Hab. England, (fossil.)
47. *C. Dumasii*, de Serres. Bull. Sci. 328. 1827.
 Hab. France, (fossil.)
48. *C. Duplemii*, Desh. Inv. Par. 493, pl. 34, f. 43, 44. 1857.
 Hab. France, (fossil.)
49. *C. dura*, Desh. Proc. Zool. xxii. 20. 1854.
 Hab. ?
50. *C. elegans*, Dkr. Wäld. 166. 1834.
 Hab. Germany, (fossil.)
51. *C. elliptica*, Dkr. Wäld. 148. 1834.
 Hab. Germany, (fossil.)
 —*C. elongata*, Röem. Oolit. i. 117, t. ix. f. 11. 1826. Is *Cyrena Mantelli*, Dkr.
52. *C. elongata*, Dkr. Weald. 155. 1846.
Cyclas elongata, Sowb. Trans. Geol. Soc. 2d ser. iv. 346, pl. 21, f. 9. 1836.
 Hab. Europe, (fossil.)
53. *C. erebea*, Pr.
Mactra erebea, Brongt. Mem. Vicent. 81, pl. v. f. 8. 1823.
Cyclas erebea, d'Orb. Prod. 2, 323. 1850.
 Hab. Europe, (fossil.)
54. *C. Essingtonensis*, Desh. Proc. Zool. xxii. 19.
 Hab. Port Essington.
 —*C. Euphratica*, Bronn. Syst. Urwelt. pl. 4, f. 10. Is *Corbicula fluminalis*, Adams.
 —*C. excavata*, Röem. i. 117, pl. ix. f. 6. 1835. Is *Cyrena caudata*, Röemer.
55. *C. eximia*, Dkr. Zeit. Malak. 51. 1852. Pf. Nov. Conch. 8 livr. 88. pl. xxiv. 1857.
Cyrena impressa, Desh. Proc. Zool. xxii. 18. 1854.
Batissa impressa, Adams. Rec. gen. 2, 448. 1858.
 Hab. Java.
56. *C. expansa*, Mouss. Moll. Java, 89, pl. 14. 1849.
 Hab. Java.
57. *C. fabacea*, Röem. Oolit. 2, 40, pl. 19, f. 16.
 Hab. Germany, (fossil.)
58. *C. fabulina*, Desh. Inv. Par. 506, pl. 37, f. 13-15. 1857.
 Hab. France, (fossil.)
59. *C. fallax*, Desh. Proc. Zool. xxii. 15. 1854.
 Hab. Australia.

60. *C. fasciata*, Rœm. Oolit. 1, 116, pl. ix. f. 10. 1835.
Cyclas fasciata, Gldf. Petr. Germ. 2, 232, pl. 147, f. 10. 1834-40.
 Hab. Germany, (fossil.)
61. *C. Faujigassii*, Desh. Encycl. 2, 51. 1830.
Venus de mayeuce, Faujas. Ann. Mus. 8, 379, pl. 58, f. 9, 10. 1806.
Cyrena laevigata, Gldf. Petr. Germ. 2, 224, pl. 149, f. 1. 1834-40.
Cyrena polita, Gldf. Loc. sub. cit. 2, 224, pl. 149, f. 2. 1834-40.
Cyclas Faujassii, d'Orb. Prod. 3, 109. 1852.
 Hab. Europe, (fossil.)
 —*C. Ferrussacii*, Math. Math. Cat. Méth 149, pl. xiv. f. 14, 15. 1852.
 Is *Corbicula Ferrussacii*, Prime.
62. *C. flavva*, Prime. Proc. Zool. xxviii. 1860.
 Hab. ?
63. *C. Floridana*, Conrad. Ac. N. S. Phil. Proc. 3, 23, pl. i. f. 1. 1846.
 Hab. Florida.
 —*C. fluminalis*, Bgt. Cat. Sauley 79. 1853. Is *Corbicula fluminalis*, Adams.
 —*C. fluminea*, Lam. Lam. v. 553. 1818. Is *Corbicula fluminea*, Adams.
 —*C. fluviatilis*, Phil. Abb. 3, 77, pl. i. f. 5. 1846. Is *Corbicula Manillensis*, Prime.
64. *C. Fontaineii*, Phil. Zeit. Malak. 8, 70. 1851.
Cyclas Fontaineii, d'Orb. Voy. Amer. 569, pl. 83, f. 14, 15. 1844.
 Hab. S. America.
 —*C. Forbesii*, Desh. Inv. Par. 510, pl. 37, f. 24-27. 1857. Is *Corbicula Forbesii*, Deshayes.
65. *C. fortis*, Prime. Proc. Zool. xxviii. 1860.
 Hab. Equador.
66. *C. fossulata*, Cornuel. Mem. Soc. Geol. Fr. iv. 286, pl. 15, f. 1, a-d, 1840.
Cyclas fossulata, d'Orb. Prod. 2, 60. 1850.
 Hab. France, (fossil.)
67. *C. fragilis*, Desh. Proc. Zool. xxviii. 1860.
 Hab. ?
 —*C. fuscata*, Lam. Lam. v. 552. 1818. Is *Corbicula fluminalis*, Adams.
68. *C. Galathea*, Rhdt. Moreh's Kierulf 32, pl. 2. 1850.
Cyrena Zeylanica var. *major*, Mous. Java 89, pl. 13. 1849.
 Hab. Nicobar Islands.
69. *C. Gallicana*, Pr.
Cyrena compta, Desh. (preoc.) Invt. Par. 491, pl. 35, f. 1-3, pl. 36, f. 19, 20. 1857.
 Hab. France, (fossil.)
 —*C. Gaudichaudi*, Val. (err.) Mag. Zool. pl. 119, f. 2. 1838. Is *Volorita Cyprioides*, Gray.
 —*C. Gauritziana*, Kr. In litt. 1848. Is *Corbicula Africana*, Adams.
70. *C. Gemmellari*, Phil. Sicil. 1, 39, pl. iv. f. 3. 1836.
 Hab. Europe, (fossil.)
71. *C. Geslini*, Desh. Encycl. 2, 52. 1830.
Cyclas Geslini, d'Orb. Prod. 3, 109. 1852.
 Hab. Europe, (fossil.)
72. *C. gibbosa*, DuKr. Wäld. 157. 1834.
 Hab. Germany, (fossil.)

73. *C. globosa*, Math. Cat. Méth. 148, pl. xiv. f. 12, 13. 1842.
Cyclas globosa, d'Orb. Prod. 3, 19. 1852.
 Hab. France, (fossil.)
 —*C. globulus*, Jonas. MSS. Is *Corbicula cuneata*, Adams.
 —*C. Gravesii*, Desh. Coq. foss. Par. 2, 810. 1824. Is *Corbicula Gravesii*, Desh.
 —*C. Gravi*, Desh. Coq. foss. Par. 1, 120, pl. 19, f. 3, 4. Is *Corbicula Gravesii*, Desh.
74. *C. Hebertii*, Desh. Invt. Par. 516, pl. 36, f. 4-6. 1857.
 Hab. France, (fossil.)
75. *C. heterodonta*, Desh. Invt. Par. 518, pl. 34, f. 13-15. 1857.
 Hab. France, (fossil.)
76. *C. Heysii*, Dkr. Wäld. 147. 1834.
 Hab. Germany, (fossil.)
 —*C. impressa*, Desh. Proc. Zool. xxii. 18. 1854. Is *Cyrena excinia*, Dkr.
77. *C. incerta*, Desh. Proc. Zool. xxii. 19. 1854.
 Hab. ?
- 77a *C. incompta*, Desh. Invt. Par. 1857.
 Hab. France, (fossil.)
78. *C. inflata*, Phil. Zeit. Malak. 71. 1851.
 Hab. S. America.
 —*C. inflata*, Desh. (preoc.) Proc. Zool. xxii. 23. 1854. Is *Cyrena Panamaensis*, Fr.
79. *C. inquinata*, Desh. Proc. Zool. xxii. 15. 1854.
 Hab. China.
80. *C. insignis*, Desh. Proc. Zool. xxii. 20. 1854.
 Hab. California.
81. *C. intermedia*, Desh. Mellev. Terr. Tert. Par. 35, pl. 2, f. 5, 6. 1843.
Cyclas intermedia, d'Orb. Prod. 2, 304. 1850.
 Hab. France, (fossil.)
 —*C. intermedia*, Meek & Hayden. Ac. N. S. Phil. Proc. 8, 116. 1856.
 Is *Cyrena nebrascensis*, M. & H.
82. *C. isocardia*, Dkr. Wäld. 151. 1854.
 Hab. Germany, (fossil.)
83. *C. isocardioides*, Desh. Proc. Zool. xxii. 22. 1854.
 Hab. S. America.
84. *C. Jamesonii*, Forbes. Geol. II. vii. 111, pl. v. f. 7, 8. 1851.
 Hab. England, (fossil.)
 —*C. Jayensis*, Lea. Trans. Amer. Phil. Soc. v. 108, pl. 17, f. 52. 1832.
 Is *Batissa Jayensis*, Adams.
85. *C. Jukesii*, Desh. Proc. Zool. xxii. 19. 1854.
 Hab. Australia.
 —*C. Keradrenii*, Lesson. Voy. Coq. 2, 429, pl. xi. f. 3. 1829. Is *Batissa Keradrenii*.
86. *C. Kochii*, Dkr. Wäld. 159. 1834.
 Hab. Germany, (fossil.)
 —*C. lævigata*, Gldf. Petr. Germ. 2, 224, pl. 149, f. 1, a, b. 1834-40. Is *Cyrena Faujasii*, Desh.
87. *C. lævis*, Pr.
 Hab. Borneo.

88. *C. Lamberti*, Desh. Invt. Par. 495, pl. 38, f. 9, 10. 1857.
 Hab. France, (fossil.)
 —*C. L argillierti*, Phil. Zeit. Malak. 163. 1844. Is *Corbicula L ar-
 gillierti*, Pr.
89. *C. lato-ovata*, Römer. Oolit. i. 116, pl. 9, f. 4. 1835.
Venulites similimus, Schl. Petr. 200. 1820.
Venulites douacikalis, Schl.. In Collect.
 Hab. Germany, (fossil.)
90. *C. lauta*, Desh. Proc. Zool. xxii. 15, 1854.
 Hab. ?
91. *C. lentiformis*, Römer. Oolit. 2, 41, pl. 19, f. 9.
 Hab. Germany, (fossil.)
 —*C. limosa*, Gray. Ann. Phy. n. ser. ix. 137. 1835. Is *Corbicula li-
 mosa*, Pr.
92. *C. lunulata*, Desh. Invt. Par. 495, pl. 34, f. 16–19. 1857.
 Hab. France, (fossil.)
93. *C. MacCullochii*, Forbes. Geol. II. vii. 112, pl. v. f. 10, a, b. 1851.
 Hab. England, (fossil.)
94. *C. mactræformis*, Pr.
Cyrena mactroides, Desh. (preoc.) Proc. Zool. xxii. 17. 1854.
 Hab. ?
95. *C. mactroides*, Römer. Oolit. i. 116, pl. ix. f. 2. 1835.
 Hab. Germany, (fossil.)
 —*C. mactroides*, Desh. Proc. Zool. xxii. 17. 1854. Is *Cyrena ma-
 ctræformis*, Pr.
96. *C. major*, Morris. Cat. Brit. Foss. 200. 1854
Cyclas major, Sowb. Trans. Geol. 2d ser. iv. 176, 346, pl. xxi. f. 13. 1836.
 Hab. England, (fossil.)
97. *C. majuscula*, Römer. Oolit. i. 117, pl. ix. f. 1–3. 1835.
Cyclas majuscula, Glf. Petr. Germ. 2, 232, pl. 147, f. 6, a–c. 1834–40.
 Hab. Europe, (fossil.)
 —*C. Manillensis*, Phil. Zeit. Malak. 163. 1844. Is *Corbicula Ma-
 nillensis*, Pr.
98. *C. Mantelli*, Dkr. Weald, 42, pl. 13, f. 2. 1846.
Cyrena elongata, Römer. Oolit. i. 117, pl. ix. f. 11. 1835.
Cyclas angulata, Sowb. Trans. Geol. 2d ser. iv. 176, 346, pl. xxi. f. 12.
 1836.
Cyclas carinata, Glf. Petr. Germ. 2, 232, pl. 147, f. 9, a–c. 1834–'40.
Cyrena angulata, Morris. Brit. Foss. 199. 1854.
 Hab. Europe, (fossil.)
99. *C. maritima*, C. B. Adams. Ann. N. Y. Lyc. v. 499. 1852.
 Hab. Panama.
 —*C. media*, Fitton. Ann. Phy. n. ser. viii. 376. 1824. Is *Corbicula m-
 edia*, Pr.
100. *C. membranacea*, Fitton. Ann. Phy. n. ser. 8, 176. 1824.
Cyclas membranacea, Sowb. Min. Conch. vi. 52, pl. 527, f. 3. 1829.
Cyrena membranacea, Sowb. Morris. Brit. Foss. 200. 1854.
 Hab. England, (fossil.)
101. *C. Menkeii*, Dkr. D. et M. Paleont. 1, 40, pl. vi. f. 23–25. 1846.
Venus Menkeii, Dkr. In litt.
 Hab. Germany, (fossil.)

102. *C. Mexicana*, Sowb. Zool. II. (Sowb. et Brod.) 364. 1829.
Cyrena altilis, Gld. Bost. II. vi. 400, pl. xvi. f. 5. 1852.
 Hab. N. America.
103. *C. minuta*, Desh. Invt. Par. 507, pl. 35, f. 10-12. 1857.
 Hab. France, (fossil.)
 —*C. mixta*, Desh. Invt. Par. 1857. Is *Corbicula mixta*, Desh.
 —*C. Moquinianus*, Bgt. (err.) II. Conch. iv. 1853. Is *Ancylus Moquinianus*, Bgt.
104. *C. Moreauensis*, Meek & Hayden. Ac. N. S. Phil. Proc. viii. 115. 1856.
 Hab. N. America, (fossil.)
105. *C. multidentata*, Auton. Conch. 13. 1839.
 Hab. Europe, (fossil.)
 —*C. Murchisonii*, Dkr. Weald. 30, pl. x. f. 2-5. 1846. Is *Cyrena rotunda*, Dkr.
106. *C. Nebrascensis*, M. & H.
Cyrena intermedia, Meek & Hayden, (preoc.) Ac. N. S. Phil. Proc. viii. 116. 1856.
 Hab. N. America, (fossil.)
 —*C. nitens*, Phil. Zeit. Malak. 163. 1844. Is *Corbicula nitens*, Adams.
107. *C. nitida*, Desh. Proc. Zool. xxii. 23. 1854.
 Hab. ?
108. *C. nitidula*, Desh. Proc. Zool. xxii. 23. 1854.
 Hab. ?
109. *C. nobilis*, Desh. Invt. Par. 490, pl. 36, f. 14, 15. 1857.
 Hab. France, (fossil.)
110. *C. notabilis*, Desh. Proc. Zool. xxii. 21. 1854.
 Hab. Peru.
111. *C. nuculaeformis*, Roemer. Oolit. 1, 118, pl. ix. f. 13. 1835.
 Hab. Germany, (fossil.)
 —*C. obesa*, Hinds. Ann. Mag. n. h. n. ser. x. 81. 1842. Is *Batissa obesa*, Adams.
112. *C. obliqua*, Desh. Dict. Class. h. n. v. 290. 1824.
 Hab. France, (fossil.)
113. *C. oblonga*, Quoy. Voy. Astrol. 3, 517, pl. 82, f. 6-8. 1834.
 Hab. Vanikoro.
 —*C. obovata*, Desh. Encycl. 2, 52. 1830. Is *Corbicula obovata*, Desh.
114. *C. obscura*, Pr. Proc. Zool. xxviii. 1860.
 Hab. S. America.
115. *C. obtusa*, Roemer. Oolit. 1, 115, pl. ix. f. 76. 1835.
 Hab. Germany, (fossil.)
 —*C. obtusa*, Forbes. Rec. Scie. 2, pl. 3, f. 4. Is *Cyrena Anglicana*, Pr.
116. *C. occidentalis*, Meek & Hayden. Ac. N. S. Phil. Proc. viii. 118. 1856.
 Hab. N. America, (fossil.)
117. *C. olivacea*, Carp. In litt.
 Hab. N. America.

118. *C. orbicularis*, Roemer. Oolit. 1, 115, pl. ix. f. 8. 1835.
Cyclas orbicularis, Gif. Petr. Germ. 2, 231, pl. 147. f. 5. 1834-40.
 Hab. Germany, (fossil.)
 —*C. orbicularis*, Desh. Mellev. Terr. Tert. 35, pl. 2, f. 3, 4. 1843.
 is *Corbicula orbicularis*, Prime.
 —*C. orientalis*, Lam. Lam. v. 552. 1818. Is *Corbicula orientalis*, Adams.
 —*C. ovalina*, Desh. Invt. Par. 505. pl. 36, f. 16-18. 1867. Is *Corbicula parva*, Prime.
119. *C. ovalis*, Dkr. Wäld. 158. 1834.
 Hab. Germany, (fossil.)
120. *C. oviformis*, Desh. Proc. Zool. xxii. 16. 1854.
 Hab. Philippines.
121. *C. pallida*, Desh. Proc. Zool. xxii. 17. 1854.
 Hab. ?
122. *C. Panamensis*, Pr.
Cyrena inflata, Desh. (preoc.) Proc. Zool. xxii. 23. 1854.
 Hab. Panama.
 —*C. Panormitana*, Bivon. Is *Corbicula Panormitana*, Adams.
123. *C. Papua*, Lesson. Mag. Zool. pl. xi. 1832.
 Hab. Waigou.
 —*C. Paranacensis*, d'Orb. Mag. Zool. 44. 1835. Is *Corbicula Paranacensis*, Adams.
124. *C. parva*, Morris. Brit. Foss. 200. 1854.
Cyclas parva, Sowb. Geol. Trans. 2d ser. iv. 345, pl. 21, f. 7. 1836.
 Hab. England, (fossil.)
125. *C. Panormitana*, Roemer. Oolit. 1, 115, pl. ix. f. 9. 1835.
 Hab. Germany, (fossil.)
126. *C. parvula*, Desh. Invt. Par. 509, pl. 37, f. 6-8. 1857.
 Hab. France, (fossil.)
 —*C. Peruviana*, Desh. Is *Cyrena anomala*, Desh.
 —*C. Petitianus*, Bgt. Il. Conch. iv. 1853. Is *Ancylus Petitianus*, Bgt.
127. *C. Philippinarum*, Hanley. Proc. Zool. xii. 159. 1844. Wood's Suppl. Cat. pl. xiv. f. 60.
 Hab. Philippines.
 —*C. pisum*, Desh. Coq. Foss. Par. 1, 117, pl. 19, f. 10-13. 1824. Is *Corbicula pisum*, Desh.
128. *C. placens*, Hanley. Proc. Zool. xii. 160. 1844. Wood's Suppl. Cat. pl. xiv. f. 52.
 Hab. N. America.
129. *C. placida*, Desh. Proc. Zool. xxii. 19. 1854.
 Hab. ?
130. *C. planulata*, Desh. Invt. Par. 501, pl. 35, f. 16-18. 1857.
 Hab. France, (fossil.)
 —*C. polita*, Gif. Petr. Germ. 2, 224, pl. 149, f. 2. 1834-40. Is *Cyrena Faujasii*, Desh.
131. *C. ponderosa*, Pr. Ac. N. S. Phil. Proc. 1860.
 Hab. Philippines.
132. *C. prona*, Dkr. Wäld. 166. 1834.
 Hab. Germany, (fossil.)

133. *C. Proserpina*, Pr.
Venus Proserpina, Brongt. Mem. Vicent. 81, pl. v. f. 7. 1823.
Cyclas Proserpina, d'Orb. Prod. 2, 323. 1850.
Hab. Europe, (fossil.)
134. *C. psma cola*, Desh. Invt. Par. 505, pl. 35, f. 4-6. 1857.
Hab. France, (fossil.)
—*C. pulchella*, Mous. Moll. Java, 88, pl. xv. f. 4. 1849. Is *Corbicula pulchella*, Adams.
135. *C. pulchra*, Morris. Brit. Foss. 86. 1843.
Cyclas pulcher, Sowb. Min. Conch. vi. 51, pl. 527. f. 1. 1829.
Hab. England, (fossil.)
—*C. pulchra*, Wright. Ann. n. h. Is *Cyrena Wrightii*, Forbes.
—*C. pullata*, Phil. Abb. 2, 110. 1849. Is *Corbicula pullata*, Adams.
—*C. purpurea*, Lea. Amer. Il. xlii. 106, pl. 1, f. 1. 1842. Is *Venus gemma*, Totten.
—*C. pusilla*, Parr. Phil. Abb. 2, 78, pl. 1. f. 7. 1846. Is *Corbicula pusilla*, Adams.
136. *C. radiata*, Hanley. Proc. Zool. xii. 159. 1844.
Cyrena solida, Phil. Abb. 5, 78, pl. 1, f. 9. 1846.
Hab. Central America.
—*C. radiata*, Parr. Phil. Abb. 2, 78, pl. 1, f. 8. 1846. Is *Corbicula radiata*, Adams.
—*C. raymondi*, Bgt. (err.) Il. Conch. iv. 1853. Is *Ancylus Raymondii*, Bgt.
137. *C. Recluzi*, Prime.
Cyrena cordiformis, Recluz. Il. Conch. iv. 251, pl. vii. f. 9. 1853.
Hab. ?
—*C. recurvata*, Val. Mag. Zool. pl. 117, f. 2. 1838. Is *Velorita Cyprinoides*, Gray.
138. *C. regulata*, Gassies. Il. Conch. vii. 372. 1858.
Hab. N. California.
139. *C. Rigaultii*, Desh. Invt. Par. 494, pl. 36, f. 12, 13. 1857.
Hab. France, (fossil.)
—*C. rivalis*, v. d. Busch. Phil. Abb. 3, 110, pl. 3, f. 5. 1849. Is *Corbicula rivalis*, Adams.
140. *C. roborata*, Desh. Invt. Par. 499, pl. 38, f. 15, 16. 1857.
Hab. France, (fossil.)
—*C. Roemerii*, Dkr. Wäld. 41. 1834. Is *Cyrena trigona*, Roemer.
141. *C. rotunda*, Dkr. Wäld. 145. 1834.
Cyrena Murchisoni, Dkr. Weald. 30, pl. x. f. 25. 1846.
Hab. Germany, (fossil.)
—*C. rotundata*, Lea. Trans. Amer. Phil. Soc. v. pl. 17, f. 51, 107. 1832. Is *Batissa rotundata*, Adams.
—*C. Rouyana*, Bgt. Sph. Fr. 51. 1854. Is *Corbicula Rouyana*, Prime.
142. *C. Saincenyensis*, Desh. Invt. Par. 496. pl. 38, f. 7, 8. 1857.
Hab. France, (fossil.)
43. *C. salmacida*, Morelet. Test. Cub. pt. 2d, 26. 1851.
Hab. Central America.
—*C. semistriata*, Desh. Encycl. 2, 52. 1830. Is *Corbicula semistriata*, Desh.
—*C. similis*, Gray. Griff. Cuv. pl. 20, f. 2. 1834. Is *Corbicula Woodiana*, Adams.

144. *C. similis*, Desh. Proc. Zool. xxii. 16. 1854.
Hab. Manilla.
145. *C. singularis*, Desh. Invt. Par. 508, pl. 35, f. 13—15. 1857.
Hab. France, (fossil.)
146. *C. sinuosa*, Desh. Proc. Zool. xxii. 18. 1854.
Cyrena Zeilanica, Mouss. Java, 89, pl. xii. 1849.
Hab. Java.
147. *C. Sirena*, Pr.
Mactra Sirena, Brongt. Mem. Vicent. 81, pl. v. f. 10. 1823.
Cyrena Brongiartii, Bast. Mem. S. N. Par. 2, 84. 1825.
C. Sowerbyi, Bast. Loc. sub. cit. 2, 84, pl. vi. f. 6. 1825.
Cyclas Sirena, d'Orb. Prod. 2, 320. 1850.
C. Brongiartii, d'Orb. Loc. sub. cit. 3, 109. 1852.
Hab. France, (fossil.)
—*C. spissa*, Desh. Coq. Foss. Par. 1, p. 9, pl. 18, f. 14, 15. 1824. Is
Corbicula crassa, Desh.
148. *C. solida*, Dkr. Wäld. 145. 1834.
Hab. Germany, (fossil.)
—*C. solida*, Phil. Abb. 2, 78, pl. 1, f. 9. 1846. Is *Cyrena radiata*
Hanley.
149. *C. sordida*, Hanley. Proc. Zool. xii. 1844. Wood's Suppl. pl. xiv.
f. 51.
Hab. N. America.
150. *C. striata*, Galleoti. Index Paleont. 1, 391. 1848—9.
Hab. Europe, (fossil.)
151. *C. striatula*, Munster. Glf. Petr. Germ. 2, 225, pl. 149, f. 3. 1834
—40.
Hab. Germany, (fossil.)
152. *C. subangulata*, Les. Grat. Moll. Fr. 52. 1855.
Hab. France, (fossil.)
—*C. subarata*, Br. Leth. Geog. 2, 958, pl. 38, f. 2. 1835—8. Is *Corbi-*
cula semistriata, Desh.
153. *C. subcordata*, Dkr. Wäld. 154. 1834.
Hab. Germany, (fossil.)
154. *C. sublævis*, Røemer. Oolit. 1, 116, pl. xi. f. 5. 1835.
Cyclas sublævis, Glf. Petr. 2, 232, pl. 147, f. 7. 1834—40.
Hab. Germany, (fossil.)
155. *C. sublobata*, Desh. Proc. Zool. xxii. 18. 1854.
Hab. ?
156. *C. suborbicularis*, v. d. Busch. Phil. Abb. 3, 77, pl. 2, f. 1. 1849.
Hab. Manilla.
—*C. suborbicularis*, Desh. Invt. Par. 497, pl. 38, f. 11, 12. 1857.
Is *Corbicula orbicularis*, Pr.
157. *C. subquadrata*, Morris. Brit. Foss. 200. 1854.
Cyclas subquadrata, Sowb. Geol. Trans. 2d ser. iv. 177, 345, pl. xxi. f. 8.
1836.
Hab. England, (fossil.)
—*C. subquadrata*, Desh. Proc. Zool. xxii. 21. 1854. Is *Cyrena*
Californiensis, Pr.
—*C. subradiata*, Kurr. Is *Corbicula subradiata*, Pr.
158. *C. sulcata*, Hoenighaus. Irb. 456. 1850.
Hab. Europe, (fossil.)

159. *C. Sumatraensis*, Sowb. Gen. of Shells, 1. Phil. Abb. 3, 109, pl. 3, f. 4. 1849.
 Hab. Sumatra.
 —*C. tellinella*, Fer. Hist. Moll. f. 1. Is *Corbicula tellinella*, Pr.
 —*C. tellinoidea*, Bouillet. Cat. Cuv. 156. 1836. Is *Corbicula tellinoidea*, Pr.
160. *C. tellinoides*, Deifr. Cuv. Foss. 2, 263. 1821—3.
 Hab. Europe, (fossil.)
 —*C. tenebrosa*, Hinds. Ann. n. h. n. ser. x. 21. 1842. Is *Batissa tenebrosa*, Adams.
161. *C. tenuis*, Dkr. Wäld. 158. 1834.
 Hab. Germany, (fossil.)
162. *C. tetragona*, Desh. Invt. Par. 502, pl. 34, f. 20—22. 1857.
 Hab. France, (fossil.)
163. *C. transversa*, Forbes. Rec. Scie. 2, pl. 3, f. 6.
 Hab. England, (fossil.)
164. *C. triangula*, v. d. Busch. Phil. Abb. 3, 78, pl. 2, f. 3. 1849.
Cyrena triangularis, Metcalf. Proc. Zool. 19, 74. 1851.
 Hab. Borneo.
 —*C. triangularis*, Metcalf. Proc. Zool. xix. 74. 1851. Is *Cyrena triangula*, v. d. Busch.
 —*C. trigona*, Desh. Coq. Foss. Par. 1, 118, pl. 19, f. 16, 17. 1824. Is *Corbicula triangula*, Pr.
165. *C. trigona*, Roemer. Oolit. 1, 116, pl. ix, f. 7. 1835.
Cyclas trigona, Glf. Petr. 2, 233, pl. 147, f. 11. 1836—40.
Cyrena Roemeri, Dkr. Wäld. 41. 1834.
 Hab. Germany, (fossil.)
 —*C. trigonella*, Lam. Lam. v. 552. 1818. Is *Corbicula trigonella*, Pr.
 —*C. trigonula*, Wood. Ann. Mag. n. h. vii. 275, f. 45. 1841. Is *Corbicula Duchastelli*, Syst.
 —*C. truncata*, Lam. Lam. v. 553. 1818. Is *Corbicula truncata*, Pr.
166. *C. tumida*, Pr.
Cyrena angulata, Desh. Proc. Zool. xxii. 22. 1854.
 Hab. ?
167. *C. turgida*, Lea. Amer. Phil. Soc. v. 109, pl. 18, f. 53. 1832.
 Hab. ?
168. *C. umbonata*, Auton. Conch. 13. 1839.
 Hab. Europe, (fossil.)
169. *C. unionides*, Dkr. Wäld. 150. 1834.
 Hab. Germany, (fossil.)
170. *C. unioniformis*, Desh. Invt. Par. 503, pl. 38, f. 5, 6. 1857.
 Hab. France, (fossil.)
171. *C. Vanikorensis*, Quoy. Voy. Astrol. 3, 515, pl. 82, f. 4, 5. 1834.
 Hab. Vanikoro.
 —*C. Vapincana*, Bgt. Sph. Fr. 51. 1854. Is *Corbicula Vapincana*, Prime.
 —*C. variegata*, d'Orb. Mag. Zool. 44. 1835. Is *Corbicula variegata*, Adams.
 —*C. veneriformis*, Desh. Invt. Par. 499, pl. 38, f. 1, 1. 1857. Is *Corbicula veneriformis*, Desh.

172. *C. ventricosa*, Desh. Proc. Zool, xxii, 16. 1854.
Hab. Philippines.
173. *C. venulina*, Dkr. Wäld. 155. 1834.
Hab. Germany, (fossil.)
—*C. violacea*, Lam. Lam. v. 553. 1818. Is *Batissa violacea*, Adams.
—*C. Woodiana*, Lea. Trans. Amer. Phil. Soc. v. 110, pl. 18, f. 55. 1832. Is *Corbicula Woodiana*, Adams.
174. *C. Wrightii*, Forbes. Rec. Sci. 2, pl. iv. f. 4.
Cyrena pulchra, Wright. Ann. n. h.
Hab. England, (fossil.)
175. *C. Zeylanica*, Lam. Lam. v. 1818. Delessert, pl. vii. 1841.
Venus Ceylonica, Chemn. vi. 333, pl. 32, f. 336. 1769.
V. coaxans, Gml. 3278, f. 336. 1788.
Cyclas Zeylanica, Lam. Ann. Mus. vii. 420. 1806.
Hab. Ceylon.
176. *C. Zimmermannii*, Dkr. Wäld. 151. 1834.
Hab. Germany, (fossil.)

SPHÆRIUM, Scopoli.

1. *Sph. acuminatum*, Pr. Ads. rec. gen. ii. 450. 1858.
Cycl. acuminata, Pr. Bost. Proc. iv. 155. 1851. Loc. sup. cit. iv. 283. 1852. Jay, Cat. iv. ed. 466. 1852. Bgt. Amen. 1, p. 7. 1853.
Cycl. albula, Pr. Bost. Proc. iv. 155. 1851. Jay, Cat. iv. ed. 466. 1852. Bgt. Amen. 1, p. 7. 1853.
Cycl. inornata, Pr. Bost. Proc. iv. 159. 1851. Loc. sup. cit. iv. 284. 1852. Bgt. Amen. 1, p. 8. 1853.
Cycl. simplex, Pr. Bost. Proc. iv. 159. 1851. Loc. sup. cit. iv. 284. 1852.
Sph. albulum, Pr. Ads. rec. gen. ii. 450. 1858.
Sph. inornatum, Pr. Loc. sup. cit. ii. 450. 1858.
Sph. simplex, Pr. Loc. sup. cit. ii. 450. 1858.
Hab. N. Amer.
—*Cycl. acuta*, Pf. Moll. Germ. 230. 1821. Is *Pisid. Henslowianum*, Jen.
—*Cycl. (Physemoda) æqualis*, Rafin. Bory St. Vt. An. gen. sci. phy. v. 319. 1820. Is *Pisid. Virginicum*, Bgt.
—*Cycl. æquata*, Sheph. Mss. 1840. Is *Sph. rivicola*, Lam.
—*Cycl. alata*, Leach. Moll. Gt. Brit. 291. 1852. Is *Sph. corneum*, Scop.
—*Sph. albulum*, Pr. Ads. rec. gen. ii. 450. 1858. Is *Sph. acuminatum*, Pr.
—*Cycl. alpina*, d'Orb. Prod. 2, 381. 1850. Is *Cyrena alpina*, Bgt.
—*Cycl. altilis*, Auth. C. B. Adams, Cat. 29. 1847. Is *Pisid. compressum*, Pr.
2. *Sph. altum*, Dumt. & Mort.
Cyclas alta, D. & M. Moll. Sav. 1852.
Hab. Italy, (fossil.)
—*Cycl. anmica*, Turt. Conch. 250, pl. 2, f. 15. 1822. Is *Pisidium anmicum*, Jen.
—*Cycl. angulata*, Sowb. Geol. Trans. 2d ser. iv. 176, 346, pl. xxi. f. 12. 1836. Is *Cyrena Mantelli*, Dkr.
—*Cycl. angustidens*, d'Orb. Prod. 2, 304. 1850. Is *Cyrena angustidens*, Desh.
—*Cycl. antiqua*, d'Orb. Prod. 2, 304. 1850. Is *Cyrena antiqua*, Fer.
—*Cycl. appendiculata*, Turt. Man. 15, pl. 1, f. 6. 1831. Is *Pisidium Henslowianum*, Jen.

3. Sph. Aquæ Sextiæ, Sowb. Bgt. Sph. 45. 1854.
Cycl. aquæ-Sextiæ, Sowb. Edin. New Phil. II. vii, 296. 1829.
Cycl. Gargasensis, Math. Cat. Méth. 147, pl. xiv. f. 6. 1842.
 Hab. France, (fossil.)
 —*Cycl. Aquensis*, Math. Cat. Méth. 148, pl. xiv. f. 8–9. 1842. Is Sph. gibbosum, Sowb.
4. Sph. argentinum, d'Orb. Ads. rec. gen. ii. 450. 1858.
Cycl. argentina, d'Orb. Mag. Zool. 1835. d'Orb. Voy. Amer. 568. pl. 83, f. 5, 7. 1844.
 Hab. S. Amer.
5. Sph. aureum, Pr. Ads. rec. gen. ii. 450. 1858.
Cycl. aurea, Pr. Bost. Proc. iv. 159, 1851. Loc. sup. cit. iv. 288. 1852. Jay. Cat. iv. ed. 465. 1852. Bgt. Amen. 1, p. 7. 1853.
 Hab. N. Amer.
Cycl. Australis, Lam. Lam. v. 560. 1818. Is *Corbicula Australis*, Desh.
6. Sph. Bahiense, Spix.
Cycl. Bahiense, Spix. Test. Braz. 32, pl. xxv. f. 5, 6. 1827. Moricand mem. coq. terr. fluv. Br. 31, Bgt. Amen. 1, p. 7, 53. 1853.
C. maculata, Anton. Wieg. Archiv. 284. 1837. Anton. Verz. 14. 1839.
Musculium Bahiense, Spix. Ads. rec. gen. ii. 451. 1858.
M. maculatum, Anton. Loc. sup. cit. ii. 451. 1858.
Pisum Bahiense, Spix. Loc. sup. cit. ii. 560. 1858.
P. maculatum, Anton. Loc. sup. cit. ii. 560. 1858.
 Hab. S. Amer.
7. Sph. Boissyii, Desh. Inv. Paris, 521, pl. 34, f. 37, 39. 1857.
 Hab. France, (fossil.)
 —*Cycl. borealis*, Lam. Ann. Mus. vii. 421. 1806. Is a Venus.
8. Sph. Bristovi, Forbes.
Cycl. Bristovi, Forbes, Rec. Scie. 2, pl. 2, f. 3. Morris, Cat. Brit. Fos. 198. 1854.
 Hab. England, (fossil.)
9. Sph. Brochonianum, Bgt. Spix. 20, pl. 3, f. 1, 5. 1854.
Cycl. Corsa, Charp. Mss.
 Hab. France.
10. Sph. Brongniarti, Koch et Dkr.
Cycl. Brongniarti, K. et D. Oolit. 59, pl. vii. f. 4, a, b. 1837.
 Hab. Europe, (fossil.)
 —*Cycl. Brongniarti*, d'Orb. Prod. 3, 109. 1852. Is *Cyrena Sirena*. Pr.
 —*Cycl. Brongniartina*, Math. Cat. Méth. 145, pl. xiv. f. 2. 1842. Is *Pisid. cuneatum*, Petit.
11. Sph. Buchi, Dkr.
Cycl. Buchi, Dkr. Wäld. 167. 1834.
 Hab. Germ. (fossil.)
12. Sph. bulbosum, Anth. Ads. rec. gen. ii. 450. 1858.
Cycl. bulbosa, Anth. Pr. Bost. Proc. iv. 283. 1852.
 Hab. N. Amer.
 —*Sph. cæruleum*, Pr. Ads. rec. gen. ii., 450. 1858. Is *Sph. partumeium*, Say.
 —*Cycl. calyculata*, Drap. Hist. Moll. 130, pl. x. f. 13, 14. 1805. Is *Sph. lacustre*, Fer.

13. *Sph. capense*, Krauss. Ads. rec. gen. ii. 450. 1858.
Cycl. capensis, Kr. Moll. S. Afr. 7, pl. 1, f. 6. 1848.
 Hab. Africa.
14. *Sph. cardissum*, Pr. Ads. rec. gen. ii. 450. 1858.
Cycl. cardissa, Pr. Bost. Proc. iv. 160. 1851. Loc. sup. cit. iv. 277.
 1852. Bgt. Amen. 1, p. 7. 1853. Lewis, Bost. Proc. v. 122. 1855.
 Hab. N. Amer.
 —*Cycl. carinata*, Goldf. Petr. Germ. 2, 232, pl. 147, f. 9, a, c. 1834–
 40. Is *Cyrena Mantelli*, Dkr.
 —*Cycl. Caroliniana*, Bosc. Hist. Coq. 3, 37, pl. 18, f. 4. 1802. Is
Cyrena Caroliniensis, Lam.
 —*Cycl. Caroliniensis*, Bosc. Fer. Cat. Méth. 84. 1807. Is *Cyrena*
Caroliniensis, Lam.
 —*Sph. castaneum*, Pr. Ads. rec. gen. ii. 450. 1858. Is *Sph. fabalis*,
 Pr.
15. *Sph. castrense*, Noulet. Coq. fos. etc., 16. 1857.
 Hab. France, (fossil.)
 —*Cycl. Chilensis*, d'Orb. Voy. Amer. Sept. 568, pl. 83, f. 11, 13. 1844.
 Is *Corbicula Chilensis*, Pr.
 —*Cycl. Chinensis*, Lam. Amer. Mus. vii. 421. 1806. Is *Corbicula*
fluminea, Adams.
 —*Cycl. cinerea*, Hanl. Rec. spec. 1, 91. 1843. Is *Pisid. casertanum*,
 Bgt.
 —*Cycl. citrina*, Brown. Conch. Gt. Brit. 132, pl. 39, f. 37. 1849. Is *Sph.*
corneum, Scop.
 —*Sph. citrinum*, Normd. Cycl. Dépt. Nord. 1. 1854. Is *Sph. Scaldianum*,
 Norm.
16. *Sph. clandestinum*, da Costa?
Cycl. clandestina, da Costa. Jay, Cat. iv. ed. 32. 1850. (Undescribed.)
 Hab. S. Amer.
17. *Sph. concentricum*, Bronn.
Cycl. concentrica, Br. Ital. tert. gebild. 96. 1831.
 Hab. Italy, (fossil.)
18. *Sph. concinnum*, Sowb. Bgt. Sph. 43. 1854.
Cycl. concinna, Sowb. Edin. N. Phil. II. vii. 297. 1829.
C. Galloprovincialis, Math. Cat. Méth. 146, pl. xiv. f. 34. 1842.
 Hab. France, (fossil.)
 —*Sph. consobrinum*, Fer. Ads. Rec. Gen. ii. 450. 1858. Is *Sph.*
ovale, Fer.
 —*Cycl. consobrina*, Cail. Reeve, Conch. Nomencl. 29, 1845. Is *Cor-*
bicula orientalis, Adams.
 —*Sph. constrictum*, Anth. Ads. Rec. Gen. ii. 450. 1858. Is *Sph.*
transversum, Say.
19. *Sph. Coquandianum*, Math. Bgt. Sph. 46. 1854.
Cycl. Coquandiana, Math. Cat. Méth. 147, pl. xiv. f. 7. 1842.
 Hab. France, (fossil.)
20. *Sph. corneum*, Scop. Intr. ad Hist. Nat. 397. 1777.
Clama cinerea, d'Arg. Conch. 2d pt. 368, 374, pl. 31. 1742.
Tellina cornea, Linn. Syst. Nat. (10th ed.) 1, 678. 1758.
T. rivalis, Müll. Hist. Verm. 2, 202. 1774.
Cycl. cornea, (pars.) Drap. tabl. Moll. 105, No. 1, var. b. 1801.
Cardium corneum, Mont. Test. Brit. 86. 1803.
C. amnicum, Pult. Cat. 31. 1803.
Cycl. vivalis, Drap. Hist. Moll. 129, pl. x. f. 45. 1805.

- Tellina communis*, Megerle. Berl. Mag. 1811.
Cycl. nucleus, Stud. Mem. Soc. Helv. Sci. Nat. 1, p. 23, pl. 2, f. 23. 1837.
C. lutea, Ziegler. Anton. Verg. 14. 1839.
C. stagnicola, Leach. Mss. Brit. Mus. 1840.
C. Leachii, Ziegler. Villa. Cat. 44. 1841.
C. tumida, Ziegler. Loc. Sup. Cit. 44. 1841.
C. globosa, Megerle. Loc. Sup. Cit. 44. 1841.
C. plumbeus, ?. Loc. Sup. Cit. 44. 1841.
C. flavescens, McGillvi. Moll. Scot. 208, 246. 1844.
Pisidium cornea, Verany. Cat. Jur. 13. 1846.
Cycladites corneus, Krüg. Urwelt. 2, 469. Bronn. Paleont. 1, 372. 1846.
Cycl. citrina, Brown. Conch. Grt. Brit. 132. pl. 39, f. 37. 1849.
C. isocardioides, Norm. Dup. Moll. 668. 1852.
C. alata, Leach. Moll. Gt. Brit. 291. 1852.
C. fossarum, Kryn. Bgt. Amen. 1, p. 8. 1853.
- Hab. Europe.
 —*Cycl. Corsa*, Charp. Mss. Is Sph. Brochonianum, Bgt.
 —*Cycl. crassa*, d'Orb. Prod. 2, 422. 1850. Is *Cyrena crassa* Desh.
21. Sph. *Creplini*, Dukr. Norm. Cycl. 3. 1854.
Cycl. Creplini, Dukr. Zeit. Malak. 20. 1845. *Muscul*, (do.) Dkr. Ads. Rec. Gen. ii. 451. 1858. *Pisum*, (do.) Dkr. Loc. Sup. Cit. ii. 560. 1858.
 Hab. Europe.
 —*Cycl. crocea*, Lewis. Bost. Proc. v. 25. 1854. Is Sph. *securis*, Pr.
 —*Cycl. cuneata*, Sowb. Edin. n. Phil. II. vii. 297. 1829. Is *Pisid. cuneatum*, Petit.
 —*Cycl. cuneiformis*, Sowb. Min. Conch. 2, 140, pl. 162, f. 2, 3. 1818. Is *Cyrena cuneiformis*, Fér.
 —*Cycl. cycladiformis*, d'Orb. Prod. 2, 381. 1850. Is *Cyrena cycladiformis*, Desh.
 —*Cycl. cyraenopsis*, Val. Encycl. pl. 301, f. 3. Is ?
22. Sph. *Ddingoli*, Bivona. Ann. N. Y. Lyc. vii. 97. 1859.
Cycl. Ddingoli, Bivon. Coq. Palerm. 3. 1839.
Pisid. Ddingoli, Bivon. Villa. Cat. 44. 1841.
 Hab. Sicily.
 —*Cycl. Denainvilliersi*, Boissy. Bull. Soc. Geol. Fr. 2d ser. iv. 178. 1846. Is *Pisid. Denainvilliersi*, Desh.
 —*Cycl. densata*, d'Orb. Prod. 3, 109. 1852. Is *Cyrena densata*, Conrad.
23. Sph. *dentatum*, Hald. Ads. Rec. Gen. ii. 450. 1858.
Cycl. dentata, Hald. Ac. N. S. Phil. Proc. 1, 100. 1841. Pr. Bost. Proc. iv. 250. 1852.
 Hab. N. Amer.
 —*Cycl. deperdita*, Lam. An. Mus. vii. 421. 1806. Is *Corbicula deperdita*, Desh.
 —*Cycl. depressa*, Nyst. Coq. fos. Anv. 36, pl. v. f. 5, 6. Is *Erycina depressa*, Nyst.
 —Sph. *Deshayesianum*, Bgt. Amen. i. p. 6. 1853. Is Sph. *ovale*, Fer.
 —Sph. *detruncatum*, Pr. Ads. rec. gen. ii. 450. 1858. Is Sph. *transversum*, Say.
 —*Cycl. diaphana*, Pr. Bost. II. vi. 367. 1852. Is Sph. *maculatum*. Morit.

- Sph. distortum*, Pr. Ads. rec. gen. ii. 450. 1858. Is *Sph. solidulum*, Pr.
- Sph. dubium*, Say. Ads. rec. gen. ii. 450. 1858. Is *Pisid. Virginicum*, Bgt.
- Cycl. dubiosa*, Say. Reeve's Conch. Nomen. 29. 1845. Is *Pisid. Virginicum*, Bgt.
- Cycl. duplicata*, Pf. Moll. Germ. 230. 1821. Is *Pisid. duplicatum*, Pf.
- Cycl. Dupontia*, Fer. Cat. 20. 1837. Is *Cyrenella Dupontia*, Joan.
24. *Sph. eburneum*, Anth. Ads. rec. gen. ii. 450. 1858.
Cycl. eburnea, Anth. in Pr. Bost. Proc. iv. 279. 1852.
 Hab. N. Amer.
- Cycl. edentula*, Say. New Harm. Dissem. 2, 356. 1829. Is *Sph. striatinum*, Lam.
25. *Sph. egregium*, Gould. (non Say.) Ads. rec. gen. ii. 450. 1858.
Cycl. egregia, Gl. Bost. Proc. 3, 292. 1850.
 Hab. Oceanica.
- Sph. elegans*, C. B., Ads. Ads. rec. gen. ii. 450. 1868. Is *Sph. rhonoboideum*, Say.
26. *Sph. elevatum*, Hald. Ads. rec. gen. ii. 450. 1853.
Cycl. elevata, Hald. Ac. N. S. Phil. Proc. i. 53. 1841. DeKay, 224. 1842. Pr. Bost. Proc. iv. 280. 1852. Bgt. Amen. i. p. 8. 1853.
Cycl. pallida, Charp. Mss. 1851.
 Hab. N. Amer.
- Cycl. elongata*, Sowb. Gosl. trans. n. ser. iv. 345, pl. 21, f. 9. 1836. Is *Cyrena elongata*, Dkr.
27. *Sph. emarginatum*, Pr. Ads. rec. gen. ii. 450. 1858.
Cycl. emarginata, Pr. Bost. Proc. iv. 156. 1851. loc. sup. cit. iv. 283. 1852. Jay. Cat. iv. ed. 466. 1852. Bgt. Amen. i. p. 8. 1853.
 Hab. N. Amer.
- Cycl. erebea*, d'Orb. Prod. 2, 223. 1850. Is *Cyrena erebea*, Pr.
- Cycl. Euphratica*, Lamk. An. Mus. vii. 420. 1806. Encycl. pl. 302, f. 2, pl. 302, f. 2. Is *Corbicula fluminalis*, Adams.
28. *Sph. faba*, Münster.
Cycl. faba, Münst. Goldf. Petr. 2, 232, pl. 147, f. 8, a, c. 1834–40.
 Hab. Germ. (fossil.)
29. *Sph. fabalis*, Pr. Ads. rec. gen. ii. 450. 1858.
Cycl. fabalis, Pr. Bost. Proc. iv. 159. 1851. Jay. Cat. iv. ed. 465. 1852. Bost. Proc. iv. 273. 1852. Bgt. Amen. i. p. 8. 1853.
Cycl. castanea, Pr. Bost. Proc. iv. 160. 1851. loc. sup. cit. iv. 273. 1852. Bgt. Amen. i. p. 8. 1853.
Cycl. salculosa, Charp. MSS. 1851.
Sph. castaneum, Pr. Ads. rec. gen. ii. 450. 1858.
 Hab. N. Amer.
- Cycl. fasciata*, Gldf. Petr. 2, 232, pl. 147, f. 10, a, b. 1834–40. Is *Cyrena fasciata*, Rømer.
- Cycl. Faujasii*, d'Orb. Prod. 3, 109. 1852. Is *Cyrena Faujasii*, Desh.
30. *Sph. ferrugineum*, Kr.
Cycl. ferruginea, Kr. Moll. S. Afr. 7, pl. i. f. 7. 1848.
Pisid parasiticum, Parr. MSS.
Musculium parasiticum, Ads. rec. gen. ii. 452. 1858.
 “ *ferrugineum*, Kr. loc. sup. cit. ii. 451. 1858.
Pisum parasiticum, Parr. loc. sup. cit. ii. 500. 1858.

- Masculium ferrugineum*, Kr. loc. sup. cit. ii. 560. 1858.
 Hab. Africa.
 —Cycl. *Ferrusaci*, d'Orb. Prod. 3, 19. 1852. Is *Cyrena Ferrusaci*, Math.
 —Cycl. *flavescens*, McGil. Moll. Scot. 208, 246. 1844. Is *Sph. corneum*, Scop.
31. *Sph. flavum*, Pr. Ads. rec. gen. ii. 450. 1858.
Cycl. flava, Pr. Bost. Proc. iv. 155. 1851. Jay, Cat. iv. ed. 465. 1852. Bost. Proc. iv. 284. 1852. Bgt. Amen. i. p. 8. 1853.
 Hab. N. Amer.
 —Cycl. *fluminea*, Bosc. H. n. coq. 3, 38. 1802. Is *Corbicula fluminea*, Adams.
 —Cycl. *fluviatilis*, Bosc. H. n. coq. 3, 38. 1802. Is *Corbicula fluviatilis*, Adams.
 —Cycl. *Fontaineii*, d'Orb. Voy. Amer. 569, pl. 83, f. 14, 15. 1844. Is *Cyrena Fontaineii*, Phil.
 —Cycl. *fontinalis*, Drap. Hist. Moll. 130, pl. x. f. 11, 12. 1805. Is *Pisid. pusillum*, Jen.
32. *Sph. formosum*, Meek & Hayden.
Cycl. formosa, M. & H. Ac. N. S. Phil. Proc. viii, 115. 1856.
 Hab. N. Amer. (fossil.)
 —Cycl. *fossarum*, Kryn. Mss. (Bgt. Sph. 25. 1854.) Is *Sph. corneum*, Scop.
 —Cycl. *fossulata*, d'Orb. Prod. 2, 60. 1850. Is *Cyrena fossulata*, Cornnel.
33. *Sph. fragile*, Meek & Hayden.
Cycl. fragilis, M. & H. Ac. N. S. Phil. Proc. viii, 115. 1856.
 Hab. N. Amer. (fossil.)
34. *Sph. fuscatum*, Rafin. Ads. Rec. Gen. ii. 450. 1858.
Cycl. fuscata, Rafin. Mss. Pr. Bost. Proc. iv. 281. 1852. Lewis, Bost. Proc. v. 122. 1855.
 Hab. N. Amer.
 —Cycl. *Galloprovincialis*, Math. Cat. Méth. 146, pl. xiv. f. 34. 1842. Is *Sph. concinnum*, Sowb.
35. *Sph. Gardanense*, Math. Bgt. Sph. 44. 1854.
Cycl. Gardanensis, Math. Math. Cat. Méth. 145, pl. xiv. f. i. 1842.
 Hab. France, (fossil.)
 —Cycl. *Gargasensis*, Math. Cat. Méth. 147, pl. xiv. f. 6. 1842. Is *Aquæ Sextiæ*, Sowb.
 —Cycl. *Geslini*, d'Orb. Prod. 3, 109. 1852. Is *Cyrena Geslini*, Desh.
 —Cycl. *gibba*, Ald. Trans. Nat. Hist. Soc. Northumb. 1, pt. 1, p. 41, 1830. Is *Psid. obtusale*, Pf.
36. *Sph. gibbosum*, Sowb. Bgt. Sph. 45. 1854.
Cycl. gibbosa, Sowb. Edin. N. Phil. II. vii. 297. 1829.
Cycl. Aquensis, Math. Cat. Méth. 148, pl. xiv. f. 8, 9. 1842.
 Hab. France, (fossil.)
 —*Sph. giganteum*, Pr. Ads. Rec. Gen. ii. 458. 1858. Is *Sph. sulcatum*, Lam.
 —Cycl. *globosa*, Megerle. Ville, Cat. 44, 1841. Is *Sph. corneum*, Scop.
 —Cycl. *globosa*, d'Orb. Prod. 3, 19, 1852. Is *Cyrea globosa*, Math.
 —Cycl. *globus*, Dubois. Fos. Wohln. 59, pl. vi. f. 18, 19, 1831. Is *Erycina globus*, d'Orb.

37. *Sph. gracile*, Pr. Ads. Rec. Gen. ii. 450. 1858.
Cycl. gracilis, Pr. Bost. Proc. iv. 156. 1851. loc. sup. cit. iv. 274. 1852.
 Bgt. Amen. 1, p. 8. 1853.
 Hab. N. America.
 —*Cycl. Gravesi*, d'Orb. Prod. 2, 323. 1850. Is *Cyrena Gravesi*, Desh.
 —*Cycl. hammalis*, Rafin. Bory. It. Vt. Amen. gen. scie. phy. v. 319.
 1820. Is *Corbicula hammalis*, Fer.
 —*Cycl. hermaphrodita*, Mart. Mag. Nat. Hist. 1, 402, pl. 1, f. 1, 2.
 Is *Galathea radiata*.
 —*Sph. Herminii*, Wäld. In Collect. Cuming. 1859. Is *Pisid. casestanum*, Bgt.
38. *Sph. inconspicuum*, Pr. Proc. Zool. xxviii. 1860.
 Hab. Asia Minor.
39. *Sph. Indicum*, Desh. Proc. Zool. xxii. 342. 1854.
 Hab. E. Indies.
 —*Sph. inornatum*, Pr. Ads. Rec. Gen. ii. 450. 1858. Is *Sph. acuminatum*, Pr.
 —*Cycl. intermedia*, d'Orb. Prod. 2, 304. 1850. Is *Cyrena intermedia*, Desh.
 —*Cycl. Islandica*, Lam. An. Mus. vii. 420. 1806. Is *Cyprina Islandica*.
 —*Cycl. isocardioides*, Norm. Drap. Moll. Fr. 668. 1852. Is *Sph. corneum*, Scop.
40. *Sph. Jayanum*, Pr. Ads. Rec. Gen. ii. 450. 1858.
Cycl. Jayensis, Pr. Bost. Proc. iv. 157. 1851. Loc. sup. cit. iv. 279.
 1852. Jay. Cat. iv. ed. 465. 1852. Bgt. Amen. 1, p. 8. 1853.
 Hab. N. America.
41. *Sph. Jeannoti*, Norm. Cycl. 2. 1854.
 Hab. France.
42. *Sph. Jugleri*, Dkr.
Cycl. Jugleri, Dkr. Wäld. 168. 1834.
 Hab. Germ. (fossils.)
 —*Cycl. lacustris*, Drap. Hist. Moll. 130, pl. x. f. 6, 7. 1805. Is *Sph. ovale*, Fer.
43. *Sph. lacustre*, Fer. Bgt. Amen. 1, p. 6. 1853.
Tellina lacustris, Muller. Verm. 2, 204. 1774.
Cardium lacustre, Mont. Test. Brit. 89. 1803.
Cycl. calyculata, Drap. Hist. Moll. 130, pl. x. f. 14, 15. 1805.
Musculium lacustre, Link. Besch. Coll. Univ. Rostock, 152. 1807.
Cycl. lacustris, Fer. Meth. Conch. 128. 1807.
Tellina tuberculata, Alten. Syst. Abh. 4, pl. 1, f. 1. 1812.
T. tenera, Schrot. An. Wett. x. 316. 1814.
Cycl. tuberculata, Klees. Dissert. Tub. 45. 1818.
Tellina stagnicola, Sheph. Trans. Linn. Soc. xiv. 150. 1823.
Cycl. Perezii, Villa. Mss. 1858.
 Hab. Europe.
 —*Cycl. laevigata*, Schum. 170, pl. xii. f. 1. 1817. Is *Corbicula fluminalis*, Adams.
 —*Cycl. laevigata*, Desh. Dict. class. Hist. Nat. v. 220. 1824. Is *Pisid. laevigatum*, Bgt.
 —*Cycl. lasmampsis*, Rafin. Bory, St. Vt. An. gen. scie. phy. v. 319, pl. 82, f. 19, 21. 1820. Is *Sph. sulcatum*, Lam.
 —*Cycl. Leachii*, Ziegl. Villa. Cat. 44. 1841. Is *Sph. corneum*, Scop.
 —*Cycl. lenticularis*, Norm. Cycl. 8. 1844. Is *Pisid. casertanum*, Bgt.

- Cycl. lenticularis, Boissy. Bull. Soc. Geol. Fr. 2nd ser. iv. 173. 1846. Is. Sph. Verneuili, Boissy.
- Cycl. limosa, d'Orb. Voy. Amer. (err.) pl. 82, f. 14, 16. 1844. Is Corbicula variegata, Adams.
- Cycl. littoralis, Fer. Fer. in collect. Michaud. Is Sph. maculatum, Morelet.
- Cycl. lutea, Ziegl. Anton. Verz. 14. 1839. Is Sph. cornueum, Scop.
- Cycl. maculata, Anton. Wieg. Archiv. 284. 1837. Is Sph. Bahiense, Spix.
44. Sph. maculatum, Morelet. Ads. Rec. Gen. ii. 450. 1858.
Cycl. maculata, Mt. Test. nov. etc. pt. 2, 25. 1851. Bgt. Amen. 1, p. 8. 1853.
Cycl. striatella, Fer. Cat. 20. 1837. Collect. Mus. Paris.
Cycl. littoralis, Fer. Fer. in Collect. Michaud.—Beau. Cat. Moll. Guadeloupe, 24. 1858.
Pisid. diaphanum, Hald. Ac. N. S. Phil. Proc. 1, 53. 1841.
Cycl. diaphana, Pr. Bost. II. vi. 267. 1852.
Pisid. Moquinianum, Bgt. Amen. 1, p. 61, pl. 3, f. 13, 17. 1855.
Cycl. Moquiniana, Gas. Pisid. q. 1855.
Cycl. Venezuelensis, Pr. Pr. in Collect. Mus. Leiden. 1857.
- Cycl. major, Sowb. Geol. Trans. n. ser. iv. 176, 346. pl. 21. f. 13. 1836. Is. Cyrena major, Morris.
- Cycl. majuscula, Gldf. Pr. Gere. 2, 232. pl. 147, f. 6, a, c. 1834-40. Is Cyrena majuscula, Rømer.
45. Sph. Mansianum, Noulet. Coq. fos. 16. 1857.
Hab. France, (fossil.)
- Cycl. maritima, d'Orb. Cuba, 2, p. 350, pl. 21, f. 47, 50. 1853. Is *Cyrena Cubensis*, Prime.
- Cycl. Matheroni, d'Orb. Prod. 2, 304. 1850. Is Pisid. cuneatum, Petit.
- Cycl. medius, Sowb. Min. Conch. vi. 51, pl. 527, f. 2, 1829. Is Cyrena media, Fitton.
- Cycl. membranaceus, Sowb. Min. Conch. vi. 51, pl. 527, f. 3. 1829. Is Cyrena membranacea, Fitton.
- Cycl. minima, Stud. Verz. 93. 1820. Is Pisid. obtusale, Pf.
- Cycl. minor, C. B. Ads. Bost. Proc. 1, 48. 1841. Is Pisid. abditum, Hald.
- Sph. mirabile, Pr. Ads. Rec. Gen. ii. 450. 1858. Is Sph. partumeium, Say.
- Sph. modestum, Pr. Ads. Rec. Gen. ii. 450. 1858. Is Sph. striatinum, Lam.
46. Sph. modioliforme, Anton.
Cycl. modioliformis, Anton. Wieg. Archiv. 284. 1837. Auton. Verz. 14. 1839.
Musculium modioliformis, Anton. Ads. Rec. Gen. ii. 451. 1858.
Pisum modioliforme, Anton. Ads. loc. sup. cit. ii. 560. 1858.
Hab. S. America.
- Cycl. Moquiniana, Gas. Pisid. g, 1855. Is Sph. maculatum, Morelet.
- Cycl. Nepeansis, Les. Voy. Coq. ii. 4, 28. pl. 13, f. 14, 1830. Ads. Is Corbicula Nepeansis, Adams.
- Sph. nitidum, C. B. Ads. & Mighl. Ads. Rec. Gen. ii. 450. 1858. Is Pisid. Adamsi, Pr.
- Cycl. nitida, Hanley. Rec. spec. etc. 1. go. pl. 14. f. 46. 1843. Is Pisid nitidum, Jen.

47. *Sph. nobile*, Gld.
Cycl. nobilis, Gld. Bost. Proc. v. 229. 1855.
 Hab. Oceanica.
48. *Sph. Normandi*, Michaud.
Cycl. Normandi, Mich. Coq. fos. Hauterive, 27 pl. v. f. 22, 24. 1854.
 (extra. Bull. Linn. Soc. Lyons.)
 Hab. France, (fossil.)
49. *Sph. Nova-Zelandiae*, Desh. Proc. Zool. 22, p. 342. 1854.
 Hab. N. Zealand & N. Holland.
 —*Cycl. nucleus*, Stud. Mem. Soc. Helv. Sci, Nat. 1, p. 25, pl. 2. f. 23.
 1837. Is *Sph. corneum*, Scop.
 —*Cycl. nuclea*, Boissy. Bull. Soc. Geol. Fr. 2nd ser. iv. 175, 1846. Is
Pisid. nucleum, Bgt.
50. *Sph. numismale*, Math. Bgt. Sph. 46. 1854.
Cycl. numismalis, Math. Cat. Méth. 146, pl. 14, f. 5. 1842.
 Hab. France, (fossil.)
 —*Cycl. obliqua*, Lam. Lam. v. 559. 1818. Is *Pisid. amnicum*, Jen.
 —*Cycl. obovata*, Sowb. Min. Conch. 2, 140, pl. 165, f. 4, 6. 1818.
 Is *Cyrena obovata*, Desh.
 —*Cycl. obtusalis*, Lam. Lam. v. 559. 1818. Is *Pisid. obtusale*, Pf.
51. *Sph. occidentale*, Pr.
Cycl. ovalis, Pr. (non Fer.) Bost. Proc. iv. 276. 1852.
Cycl. occidentalis, Pr. Lewis, in loc. sup. cit. v. 122. 1855. Lewis.
 loc. sup. cit. vi. 2. 1856.
Sph. ovale, Stimps. Ads. Rec. Gen. ii. 450. 1858.
 Hab. N. America.
52. *Sph. oepfingense*, Kl.
Cycl. oepfingensis, Kl. Würt. Jhrb. 2, p. 95, pl. 2, f. 19. 1846.
 Hab. Germany, (fossil.)
 —*Sph. orbicularium*, Barrat. Ads. Rec. Gen. ii. 450. 1858. Is *Sph.*
partumeium, Say.
 —*Cycl. orbicularis*, Gldf. Petr. Germr. 5, 231, pl. 147, f. 5, a. b.
 1834-40. Is *Cyrena orbicularis*, Römer.
53. *Sph. ovale*, Fer. Bgt. Sph. 31, pl. iv. f. 10. 1854.
Cycl. lacustris,* Dep. Hist. Moll. 130, pl. x. p. 6, 7. 1805.
Cycl. ovalis, Fer. Méth. Conch. 2d ed. 128, 136. 1807.
Cycl. consobrina, Fer. Dict. Scie. Nat. xii. 279. 1818.
Sph. Deshayesianum, Bgt. Amen. 1, p. 6. 1853.
Sph. consobrinum, Fer. Ads. Rec. Gen. ii. 450. 1858.
 Hab. Europe.
 —*Cycl. ovalis*, Nels. Il. Conch. 2, p. 408. 1851. Is *Pisid. obtusale*.
 Pf.
Sph. ovale, Pr. (non Stimps.) Ads. Rec. Gen. ii. 450, 1858. Is *Sph. oc-*
cidentale, Pr.
54. *Sph. ovatum*, Lewis.
Cycl. ovata, Lewis. Bost. Proc. vi. 2. 1856.
 Hab. N. America.
 —*Cycl. pallida*, Charp. Mss. 1851. Is *Sph. elevatum*, Hald.
 —*Sph. pallidum*, Gray. Ads. Rec. Gen. ii. 450. 1858. Is *Sph. corneum*.
 Scop.
 —*Cycl. palustris*, Drap. Tabl. Moll. 106. 1801. Is *Pisid. amnicum*.
 Jen.

*Non *Tellina lacustris*, Muller, which is *Sph. lacustre*.

—*Cycl. Paranensis*, d'Orb. Voy. Amer. Sept. 567. pl. 83. f. 23, 25.
1844. Is *Corbicula Paranacensis*, Pr.

55. *Sph. Parisiense*, Pr.

Cyca. transversa, Lev. Grateloup. Moll. Fr. Cont. 49 1855.

Hab. France, (fossil.)

56. *Sph. partumeium*, Say. Bgt. Sph. 12. 1854.

Cycl. partumeia, Say. Ac. N. S. Phil. II. 2, 380. 1822. Fer. Mag. Zool.
1835. Jay, Cat. 3d ed. 16. 1839. Gould, Rept. 73, f. 54. 1841.
Dekay, 223, pl. 25, f. 262. 1842. C. B. Ads. Vt. 18. 1842. Mighles.
Bost. II. iv. 318. 1843. Linsl. Amer. II. 48, 276. 1845. C. B. Ads.
Cat. 30. 1847. Jay, Cat. iv. ed. 32. 1850. Pr. Bost. Proc. iv. 165.
1851. Stimps. N. E. Moll. 16. 1851. Pr. Bost. Proc. iv. 278. 1852.
Hartm. Cat. 1853. Bgt. Amen. 1, p. g. 1853. Lew. Bost. Proc. v.
122. 1855. Lew. loc. sup. cit. vi. 2. 1856.

C. cornea, Lam. (Var. 2.) Lam. vi. 558, 1818. Lam. (Desh ed. vi.)
268. 1835.

C. orbicularia, Barrat. Linsl. Amer. II. 48, p. 276. 1845. Bgt. Amen.
1, p. g. 1853.

C. mirabilis, Pr. Bost. Proc. iv. 167. 1851. Bgt. Amen. 1, p. 8. 1853.

C. caerulea, Pr. Bost. Proc. iv. 161. 1851. Jay, Cat. iv. ed. 465. 1852.
Bgt. Amen. 1, p. 7. 1855.

Sph. orbicularium, Barrat. Ads. Rec. Gen. ii. 450. 1858.

Sph. mirabile, Pr. Loc. sup. cit. ii. 450. 1858.

Sph. caeruleum, Pr. Loc. sup. cit. ii. 450. 1858.

Hab. N. America.

—*Cycl. parva*, Sowb. Trans. Geol. Soc. 2d ser. iv. 345. pl. xxi. f. 7.
1836. Is *Cyrena parva*, Morris.

57. *Sph. patella*, Gould. Ads. Rec. Gen. ii. 450. 1858.

Cyclas patella, Gld. Bost. Proc. iii. 292. 1850. Pr. loc. sup. cit. iv.
285. 1852.

Hab. N. America.

—*Sph. pellucidum*, Pr. Ads. Rec. Gen. ii. 450. 1858. Is *Sph. truncatum*, Linsl.

—*Cycl. Perezeei*, Villa. Mss. 1858. Is *Sph. lacustre*, Fer.

58. *Sph. perpusillum*, Gärttn.

Cyclas perpusilla, Gärttn. Ann. der Wetter. 316.

Hab. Europe.

—*Cycl. Pfeifferi*, Ziegl. Porro. Malac. 121. 1838. Is *Pisid. amnicum*, Jen.

59. *Sph. pisidioides*, Gray? Ads. Rec. Gen. ii. 450. 1858.

Hab. England. (Not described.)

60. *Sph. pisum*, Math. Bgt. sph. 43. 1854.

Cyclas pisum, Math. Cat. Méth. 148, pl. xiv. f. 10, 11. 1842.

C. subpisum, d'Orb. Prod. 3, 19. 1852.

Hab. France, (fossil.)

—*Cycl. pisum*, d'Orb. Prod. 2, 322. 1850. Is *Cyrena pisum*, Desh.

—*Cycl. plumbeus*, Villa. Cat. 44. 1841. Is *Sph. corneum*, Scop.

—*Sph. ponderosum*, Pr. Ads. Rec. Gen. ii. 450. 1858. Is *Sph. sulcatum*, Lam.

—*Cycl. prisca*, Eichw. Nat. Hist. Skizze. 207. Is *Pisid. prisicum*, Eichw.

61. *Sph. prominulum*, Reüss. Bgt. Sph. 47. 1854.

Cyclas prominula, Reüss. Dkr. et Meyer Paleont. 2, 242, pl. iv. f. 14
1852.

Hab. Germany, (fossil.)

- Cycl. proserpina*, d'Orb. *Prod.* 2, 323. 1850. Is *Cyrena proserpina*, Pr.
62. *Sph. proximum*, Alder? *Ads. Rec. Gen.* ii. 450. 1858.
Hab? (Not described.)
—*Cycl. pulchella*, Hanl. *Proc. Spec.* 1, 91. 1843. Is *Pisid. casertanum*, Bgt.
63. *Sph. pulchellum*, d'Orb.
Cyclas pulchella, d'Orb. *Guer. Mag. Zool.* 1835. *Voy. Amer. Sept.* 568, pl. 83, f. 8-10. 1844.
Musculium pulchellum, d'Orb. *Ads. Rec. Gen.* ii. 452. 1858.
Pisum pulchellum, d'Orb. *Loc. sup. cit.* ii. 560. 1858.
Hab. South America.
—*Cycl. pulcher*, Sowb. *Min. Conch.* vi. 51, pl. 527, f. 1. 1829. Is *Cyrena pulchra*, Morris.
—*Cycl. pusilla*, Turton. *Man.* 16, pl. 1, f. 7. 1831. Is *Pisid. pusillum*, Jen.
64. *Sph. pygmeum*, C. B. Adams.
Cyclas pygmea, C. B. Adams. *Contr. Conch.* 44, 1849. *Jay, Cat. iv. ed.* 465, 1852. *Bgt. Amen.* 1, p. 9, 53, 1853.
Musculium pygmeum, C. B. Adams. *Ads. Rec. Gen.* ii. 452, 1858.
Pisum pygmeum, C. B. Adams. *Loc. sup. cit.* ii. 660, 1858.
Hab. W. Indies.
—*Cycl. radiata*, Blainv. 2232. 1828. Is *Galatea radiata*, Lam.
65. *Sph. rhomboideum*, Say. *Ads. Rec. Gen.* ii. 450. 1858.
Cyclas rhomboidea, Say. *Ac. N. S. Phil. II. ii.* 380, 1822. *Fer. Mag. Zool.* 1835. *Dekay*, 224, pl. 25, f. 263, 1842. *C. B. Ads. Vt.* 18. 1842. *Linsl. Amer. II.* 48, 276, 1845. *C. B. Ads. Cat.* 30, 1847. *Jay, Cat. iv. ed.* 32, 1850. *Stimps. N. C. Moll.* 16, 1851. *Pr. Bost. Proc. iv.* 272, 1852. *Pr. An. N. Y. Lyc.* vi. 66, pl. 1, f. 4—a, b, 1853. *Bgt. Amen.* 1, p. 9. 1853.
Cyclas cornea, Lam. var. 3. *Lam. v.* 558, 1818. *Lam. (Desh. ed.) vi.* 268, 1835.
Cyclas elegans, Ads. *Bost. II.* 3, 330, pl. 3, f. 11, 1840. *Gould. Rept.* 74, f. 55, 1841. *Dekay*, 224, 1842. *C. B. Ads. Vt.* 18, 1842. *Linsl. Amer. II.* 48, 276, 1845. *C. B. Ads. Cat.* 30, 1847. *Jay, Cat. iv. ed.* 32, 1850. *Pr. Bost. Proc. iv.* 165, 1851. *Stimps. N. E. Moll.* 16. 1851. *Bgt. Amen.* 1, p. 8. 1853. *Lewis Bost. Proc. v.* 122, 1855.
Sph. elegans, C. B. Adams. *Ads. Rec. Gen.* ii. 450, 1858.
Hab. N. America.
—*Cycl. rivalis*, Drap. *Hist. Moll.* 129, pl. x. f. 4, 5. 1805. Is *Sph. corneum*, Scop.
66. *Sph. rivicola*, Lam. *Bgt. Amen.* 1, p. 6, 1853.
Chama albida, d'Arg. *Conch.* 2d pt. pl. 31, p. 368, 374, 1742.
Tellina cornea, (pars.) *Schröt.* 189, pl. iv. f. 4, 1779.
Cyclas cornea, (pars.) *Draps. Tabl. Moll.* 105, var. a, 1801.
C. rivicola, Lam. *Lam. v.* 558, 1818.
C. æquata, Sheph. *Mss.* 1840.
Sph. riviculum, Leach. *Morch. Cat. Conch. etc. fasc.* 2, p. 30, 1853.
Cycl. sabulicola, Kryn. *Mss. (Bgt. Sph. 13,* 1854.)
Hab. Europe.
67. *Sph. rosaceum*, Pr. *Ads. Rec. Gen.* ii. 450. 1858.
Cyclas rosacea, Pr. *Bost. Proc. iv.* 155, 1851. *Loc. sup. cit. iv.* 277. 1852.
Hab. N. America.
—*Cycl. Rouyana*, d'Orb. *Prod.* 2, 381. 1850. Is *Cyrena Rouyana*, Bgt.

68. *Sph. rugosum*, Dkr.
Cyclas rugosa, Dkr. Dkr. & Meyer, Paleont. 1, 38, pl. 6, f. 15, 16, a-b, 1846.
 Hab. Germany, (fossil.)
69. *Sph. Rychkoltii*, Normd. Bgt. Amen. 1, p. 6. 1853. Normd. Cycl. 3. 1854.
Cyclas Rychkoltii, Normd. Cycl. 7, f. 5, 6, 1844.
Sph. strictum, Normd. Cycl. 3, 1854.
 Hab. France.
70. *Sph. Rylliense*, Boissy.
Cyclas Rylliensis, Boissy. Bull. Soc. Géol. Fr. 2d ser. iv. 178, 1846.
 Mem. Soc. Géol. Fr. 2d ser. 3, 270, pl. v. f. 5, a-c, 1848.
Pisid. Rylliense, Bgt. Sph. 52, 1854.
 Hab. France, (fossil.)
 —*Cycl. sabulicola*, Kryn. Mss. (Bgt. Lph. 13. 1854. Is *Sph. rivicola*, Lam.
 —*Cycl. Sarratogea*, Lam. Lam. v. 560. 1818. Is *Sph. sulcatum*, Lam.
71. *Sph. Scaldianum*, Normd. Cycl. 1. 1854.
Cyclus Scaldiana, Normd. Cycl. 5, f. 1, 2, 1844.
Sph. corneum, Scop. Bgt. Amen. 1, p. 6, 1854.
S. citrinum, Normd. Cycl. 1, 1854.
 Hab. France.
 —*Cycl. Sebetia*, DaCosta. Cat. Syst. Tert. Sicil. pl. 2, f. 6. 1829. Is *Bornia corbuloides*, Phil.
72. *Sph. securis*, Pr. Ads. Rec. Gen. ii. 450. 1858.
Cyclas securis, Pr. Bost. Proc. iv. 160, 1851. Stimp. N. E. Moll. 16, 1851. An. N. Y. Lyc. v. 218, pl. vi., 1852. Bost. Proc. iv. 276, 1852. Jay, Cat. iv. ed. 466, 1852. Hartman, Cat. 1853. Bgt. Amen. 1, p. 9, 1853. Lewis, Bost. Proc. v. 122, 1855.
C. crocea, Lewis. Loc. sup. cit. v. 25, 1854; vi. 2, 1856.
 Hab. N. America.
73. *Sph. seminullum*, Reuss. Bgt. Sph. 47. 1854.
Cycl. seminulla, Reuss. Dkr. & Meyer Paleont. 2, 42, pl. iv. f. 15, 1852.
 Hab. Europe (fossil.)
 —*Cycl. semistriata*, d'Orb. Prod. 3, 19. 1852. Is *Cyrena semistriata*, Desh.
 —*Sph. simile*, Say. Ads. Rec. Gen. ii. 450. 1818. Is *Sph. sulcatum*, Lam.
 —*Sph. simplex*, Pr. Ads. Rec. Gen. ii. 450. 1858. Is *Sph. acuminatum*, Pr.
 —*Cycl. sirena*, d'Orb. Prod. 2, 323. 1850. Is *Cyrena sirena*, Pr.
 —*Cycl. solida*, DeKay. 220, pl. 25, f. 265. 1842. Is *Sph. sulcatum*, Lam.
74. *Sph. solidum*, Normd. Bgt. Amen. 1, p. 6, 1853. Normd. Cycl. 2, 1854.
Cycl. solida, Normd. Cycl. 6, f. 3-4. 1844.
 Hab. France.
75. *Sph. solidulum*, Pr.
Cycl. solidula, Pr. Bost. Proc. iv. 158, 1851. Loc. sup. cit. iv. 282, 1852. Jay, Cat. iv. ed. 466, 1852. Bgt. Amen. 1, p. 9, 1853. Lewis, Bost. Proc. v. 122, 1855.
C. distorta, Pr. loc. sup. cit. iv. 158, 1851. Loc. sup. cit. iv. 285, 1852. Bgt. Amen. 1, p. 7, 1853. Lewis, Bost. Proc. v. 122, 1855.
Sph. distortum, Pr. Ads. Rec. Gen. ii. 450. 1858.
 Hab. N. America.

76. *Sph. sphaericum*, Anthony. Ads. Rec. gen. ii. 450, 1858.
Cycl. sphaerica, Anth. Pr. Bost. Proc. iv. 275. 1852.
 Hab. N. America.
 —*Cycl. stagnicola*, Leach. Mss. Brit. Mus. 1840. Is *Sph. corneum*, Scop.
77. *Sph. stamineum*, Conrad. Ads. Rec. Gen. ii. 450. 1858.
Cycl. staminea, Conrad. Amer. II. xxv. 342, pl. 1, f. 5, 1834. Fer. Mag. Zool. 1833. DeKay, 224, 1842. Jay, Cat. iv. ed. 32, 1850. Pr. Bost. Proc. iv. 281, 1852. Bgt. Amen. 1, p. 9, 1853.
 Hab. N. America.
 —*Sph. Steenbuchii*, Möller. Ads. Rec. Gen. ii. 450, 1858. Is *Pisid. Steenbuchii*, Morch.
78. *Sph. Steenii*, Schmidt. Ads. Rec. Gen. ii. 450. 1858.
Cycl. Steenii, Schmidt. Zeit. Malac. 118. 1850.
 Hab. Germany.
 —*Cycl. striatella*, Fer. Cat. 20. 1837. Collect. Mus. Paris. Is *Sph. maculatum*, Morelet.
79. *Sph. striatinum*, Lam.
Cycl. striatina, Lam. Lam. v. 560, 1818. Lam. (Desh. edit.) vi. 271, 1835. Delessert pl. vii. f. 4, 1841. Bgt. Amen. 1, p. 9, 1853. Pr. notes on *Cycl.* 1857.
C. edentula, Say N. Harm. Dissem. 2, 1829. Fer. Mag. Zool. 1835. N. Harm. Dissem. (reprint) 10, 1840. DeKay 225, 1842. Bgt. Amen. 1, p. 8, 1853.
C. modesta, Pr. Bost. Proc. iv. 159, 1851. Loc. sup. cit. iv. 284, 1852. Bgt. Amen. 1, p. 8, 1853. Lewis, Bost. Proc. vi. 2, 1856.
Sph. modestum, Pr. Ads. Rec. Gen. ii. 450. 1858.
Musculium edentulum, Say. Loc. sup. cit. ii. 451. 1858.
Pisum edentulum, Say. Loc. sup. cit. ii. 560. 1858.
 —*Sph. strictum*, Normd. *Cycl.* 3. 1854. Is *Sph. Ryckholtii*, Normd.
 —*Cycl. subdeperdita*, d'Orb. Prod. 2, 305. 1850. Is *Cyrena deperdita*, Desh.
 —*Cycl. subdepressa*, d'Orb. Prod. 2, 381. 1850. Is *Cyrena compressa*, Desh.
80. *Sph. subellipticum*, Meek & Hayden.
Cycl. subelliptica, M. & H. Ac. N. S. Phil. Proc. viii. 115. 1856.
 Hab. N. Amer. (fossil.)
 —*Cycl. sublævigata*, d'Orb. Prod. 2, 304. 1850. Is *Pisid. lævigatum*, Bgt.
 —*Cycl. sublævis*, Gldf. Petr. Germ. 2, 232, pl. 147, f. 7, a-b. 1834-40. Is *Cyrena sublævis*, Römer.
 —*Cycl. suborbicularis*, d'Orb. Prod. 2, 304. 1850. Is *Corbicula orbicularis*, Pr.
 —*Cycl. subpisum*, d'Orb. Prod. 3, 19. 1852. Is *Sph. pisum*, Math.
 —*Cycl. subquadrata*, Sowb. Geol. Trans. 2d ser. iv. 177, 345, pl. xxi. f. 8. 1836. Is *Cyrena subquadrata*, Morris.
81. *Sph. subtransversum*, Pr. Proc. Zool. xxviii. 1860.
 Hab. Mexico.
82. *Sph. subtrigonum*, Dkr.
Cycl. subtrigona, Dkr. Wäld. 168, 1834.
 Hab. Germ. (fossil.)
83. *Sph. sulcatum*, Lam.
Cycl. sulcata, Lam. Lam. v. 560, 1818. Lam. (Desh. ed.) vi. 271, 1835. Fer. Mag. Zool. 1835. Fer. Cat. 20, 1837. Delessert, pl. vii. f. 3, 1841. Jay, Cat. iv. ed. 32, 1850. Stimp. N. E. Moll. 16, 1851. Bgt. Amen. i. p. 9, 1853. Pr. Notes *Cycl.* 1857.

- Cycl. Saratogea*, Lam. Lam. v. 560, 1818. Lam. (Desh. ed.) vi. 271, 1835. Fer. Mag. Zool. 1835. Delessert, pl. 7, f. 9, 1841. Bgt. Amen. i. p. 9, 1853.
- Cycl. similis*, Say. Rafin. in Bory. St. Vt. An. Gen. Sci. Phy. v. 319, 1820. Fer. Mag. Zool. 1835. Fer. Cat. 20, 1837. Jay. Cat. 3, ed. 16, 1839. Gould. Rept. 72, f. 53, 1841. DeKay, 222, pl. 25, f. 264, 1842. Ads. Vt. 18, 1842. Linsl. Amer. II. 48, 276, 1845. Ads. Cat. 30, 1847. Jay. Cat. iv. ed. 32, 1850. Pr. Bost. Proc. iv. 165, 1851. Hartman, Cat. 1853. Bgt. Amen. i. p. 9, 1853. Lewis, Bost. Proc. v. 122, 1855. Lewis, loc. sup. cit. vi. 2, 1856.
- Cycl. lasmampsis*, Rafin. Bory, St. Vt. An. Gen. Sci. Phy. v. 319, pl. 82, f. 19, 20, 1820. Fer. Mag. Zool. 1835. Bgt. Amen. i. p. 8, 1853.
- Cycl. gigantea*, Pr. Bost. Proc. iv. 157, 1851. Loc. sup. cit. iv. 282, 1852. Bgt. Amen. i. p. 8, 1853.
- Cycl. ponderosa*, Pr. Bost. Proc. iv. 157, 1851. Loc. sup. cit. iv. 282, 1852. Bgt. Amen. i. p. 9, 1853.
- Cycl. striatina*, Lam. Fr. Mag. Zool. 1835.
- Sph. giganteum*, Pr. Ads. Rec. Gen. ii. 450, 1858.
- Sph. ponderosum*, Pr. Loc. sup. cit. ii. 450, 1858.
- Hab. N. Amer.
- Cycl. sulculosa*, Charp. Mss. 1851. Is *Sph. fabale*, Pr.
- Cycl. tellinella*, d'Orb. Prod. 2, 304. 1850. Is *Cyrena tellinella*, Fer.
84. *Sph. tenue*, Pr. Ads. Rec. Gen. ii. 450. 1858.
- Cycl. tenuis*, Pr. Bost. Proc. iv. 161, 1861. Loc. sup. cit. iv. 825, 1852.
- Hab. N. Amer.
85. *Sph. tenuistriatum*, Pr. Bgt. Sph. 12. 1854.
- Cycl. tenuistriata*, Pr. Bost. Proc. iv. 156, 1851. Loc. sup. cit. iv. 272, 1852. Bgt. Amen. i. p. 9, 1853.
- Cycl. cornea*, Drap. C. B. Adams, Cat. 29. 1847.
- Hab. N. Amer.
86. *Sph. Terverianum*, Dup. Bgt. Amen. i. p. 6, 1853. Bgt. Sph. 19, pl. 2, f. 11, 15, 1854.
- Cycl. Terveriana*, Dup. Cat. Extram. Gall. Tert. Vt. 87, 1849.
- Hab. France.
87. *Sph. transversum*, Say. Ads. Rec. Gen. ii. 450. 1858.
- Cycl. transversa*, Say. New Harm. Diss. ii. 356, 1829. Fer. Mag. Zool. 1835. New Harm. Diss. Rept. 10, 1840. DeKay, 224, 1842. Jay. Cat. iv. ed. 466, 1852. Pr. Bost. Proc. iv. 274, 1852. Bgt. Amen. i. p. 9, 1853. Lewis, Bost. Proc. v. 122, 1855. Lewis, loc. sup. cit. vi. 2, 1856.
- Cycl. detruncata*, Pr. Loc. sup. cit. iv. 155, 1851, iv. 273, 1852. Bgt. Amen. i. p. 8, 1858.
- Cycl. constricta*, Anthony. Pr. Bost. Proc. iv. 274. 1852.
- Sph. detruncatum*, Pr. Ads. Rec. Gen. ii. 450. 1858.
- Sph. constrictum*, Anth. Loc. sup. cit. ii. 450. 1858.
- Hab. N. America.
- Cycl. transversa*, Lev. Grateloup, Moll. Fr. Cont. 49. 1855. Is *Sph. Parisiense*, Pr.
88. *Sph. triangulare*, Say.
- Cyclas triangularis*, Say. New Harm. Dissem. 2. 356, 1829. Fer. Mag. Zool. 1835. New Harm. Dissem. (rept.) 10, 1860. Bgt. Amen. i. p. 9, 1853.
- Hab. N. America.

- Cycl. triangularis*, Dub. Fos. Wohln. 59, pl. vi. f. 20, 21, 1831.
Is *Ericina triangularis*, d'Orb.
- Cycl. trigona*, Gldf. Petr. Germ. 2, 233, pl. 147, f. 11, a-b. 1834-40
Is *Cyrena Rœmeri*, Dkr.
- Cycl. trigona*, d'Orb. Prod. 2, 304. 1850. Is *Cyrena trigona*, Desh.
89. *Sph. truncatum*, Linsley. Ads. Rec. Gen. ii. 451. 1858.
Cyclas calyculata, Drap. C. B. Ads. Amer. II. xl. 277, 1841. Ads.
Vermt. 18, 1842. Ads. Cat. 29, 1847.
Cyclas truncata, Linsl. Gould. Amer. II. n. ser. vi. 234, f. 3, 1848.
Pr. Bost. Proc. iv. 165, 1751. Jay, Cat. iv. ed. 466, 1852. Bgt.
Amen. i. p. 9, 1853.
Cyclas pellucida, Pr. Stimps. N. E. Moll. 16, 1851. Jay, Cat. iv. ed.
465, 1852. Bost. Proc. iv. 277, 1852. Bgt. Amen. i. p. 9, 1853.
Sph. pellucidum, Pr. Ads. Rec. Gen. ii. 450. 1858.
Hab. N. America.
—*Cycl. tuberculata*, Klees. Tubing 45. 1818. Is *Sph. lacustre*, Fer.
—*Cycl. tumida*, Ziegl. Villa Cat. 44. 1841. Is *Sph. corneum*, Scop.
90. *Sph. unguiforme*, Boissy. Bgt. Sph. 42. 1854.
Cycl. unguiformis, Boissy. Bull. Soc. Géol. Tr. 2d ser. iv. 178, 1846.
Mem. Soc. Géol. Tr. 2d ser. 3, 269, pl. v. f. 2, 1848.
Hab. France, (fossil.)
—*Cycl. Ustuertensis*, Eichw. Faun. Casp. 263. 1841. Is *Arthemis*
Ustuertensis, Eichw.
—*Cycl. Vapincana*, d'Orb. Prod. 2. 381. 1850. Is *Cyrena Vapincana*, Bgt.
91. *Sph. Veatleyi*, C. B. Adams.
Cycl. Veatleyi, C. B. Ads. Contrib. Conch. 44. 1869. Jay, Cat. iv. ed.
32. 1850. Bgt. Amen. 1, p. g. 1853.
Pisid. Veatleyi, Petit. II Conch. 2, 421. 1851. Bgt. Amen. 1, p. 53.
1853.
Musculium Veatleyi, C. B. Ads. Ads. Rec. Gen. ii. 452. 1858.
Pisum Veatleyi, C. B. Ads. Ads. loc. sup. cit. ii. 560. 1858.
Hab. Jamaica.
—*Cycl. Venezuelensis*, Pr. In Collect. Mus. Leyden, 1857. Is *Sph.*
maculatum, Morelet.
92. *Sph. Verneuli*, Boissy. Bgt. Sph. 42. 1854.
Cycl. lenticularis, Boissy. Bull. Soc. Geol. Fr. 2d ser. iv. 178. 1846.
Cycl. Verneuli, Boissy. Mem. Soc. Geol. Fr. 2d ser. 4, 569, pl. v. f. 3.
1848.
Hab. France, (fossil.)
—*Cycl. violacea*, Lam. Ann. Mus. vii. 421. 1806. Is *Battissa vio-*
lacea, Adams.
—*Cycl. vitrea*, Risso. Risso, iv. 338. 1826. Is *Pisid. casertanum*,
Bgt.
—*Cycl. Zeylanica*, Lam. Ann. Mus. vii. 420. 1806. Is *Cyrena Zey-*
lanica, Lam.
93. *Sph. zœnatum*, Pr. MSS. 1859, in Collect. Cumming.
Hab. N. Zealand.

On motion, an election was held, and Mr. Wm. C. Henszey was
chosen Treasurer in place of George W. Carpenter deceased.

From the Proceedings of the Academy of Natural Sciences of Philadelphia, February, 1861.

Synonymy of the Cyclades, a family of Acephalous Mollusca. Part 2.

BY TEMPLE PRIME.

Species.

GALATEA, Brug.

1. *G. Aegyptica*, Fischer. Il. Conch. v. 342. 1856. Bernardi Monog. 39, pl. vi., f. 1, 2. 1860.
Venus Aegyptica, Chemn. xi. 231, f. 1985, 1986.
Galatea Chemnitzii, Phil. Abb. 124. 1851.
 Hab. Egypt.
2. *G. G. Bengoensis*, Dkr. Ind. Guin. 51, pl. ix. f. 28, 30. Zeit. Malak. 183. 1848. Phil. Abb. 123. 1851. Bernardi Monog. 25, pl. vi. f. 5, 6., pl. ix. f. 4. 1860.
 Hab. Africa.
3. *G. Bernardii*, Dkr. Il. Conch. 338, pl. xii. f. 3. 1857. Bernardi Monog. 32, pl. v. f. 1, 5, pl. viii. f. 8. 1860.
 Hab. Guinea.
4. *G. Caillaudii*, Bernardi. Bern. Monog. 43, pl. iv. f. 1, 2. pl. ix. f. 3. 1860.
 Hab. Africa.
 —*G. Chemnitzii*, Phil. Phil. Abb. 124. 1851. Is *Gal. Aegyptica*, Fischer.
5. *G. concamerata*, Duval. Rev. Zool. 211. 1840. Chenu. Ill. Conch. livr. 55. 2d pl. suppl. f. 3. Bernardi Monog. 20, pl. ii. f. 1. pl. iii., f. 1, 2, pl. viii. f. 1. 1860.
 Hab. Africa.
6. *G. Cumingii*, Dkr. Bernardi Monog. 35, pl. vi. f. 7, 8. pl. ix. f. 8. 1860.
 Hab. Gaboon.
7. *G. Heukelomii*, Bernardi. Bern. Monog. 30, pl. vi. f. 3, 4. pl. ix. f. 2. 1860.
 Hab. Africa.
8. *G. Kochii*, Bernardi. Bern. Monog. 22, pl. iv. f. 3-8, pl. ix. f. 6, 7. 1860.
 Hab. Central Africa.
9. *G. laeta*, Phil. Zeit. Malak. 190. 1848. Phil. Abb. 123, pl. 1, f. 2. 1851. Bernardi Monog. 27, pl. 1, f. 3-8. pl. viii. f. 7. 1860.
 Hab. Guinea.
10. *G. Lubackii*, Bernardi. Bern. Monog. 24, pl. 1, f. 4, 6. pl. viii. f. 4. 1860.
 Hab. Africa.
 —*G. paradoxa*, Adams. Adams, Rec. Gen. 2, 408. 1858. Is *Gal. radiata*, Lam.
 —*G. Philippiana*, Morelet. Mss. Is *Gal. laeta et rubiconda*.
11. *G. radiata*, Lamk. Ann. Mus. v. 430, f. 28. 1806. Bernardi Monog. 18, pl. vii. f. 1-5, pl. viii. f. 3. 1860.
Pectunculus subviridis, crassissimus, rostratus? List. pl. 158, f. 13. 1770.

Venus paradoxa, Born. Born. Mus. 66, pl. iv. f. 12, 13. 1780.
V. reclusa, Chemn. vi. 326, pl. 31, f. 327-329. 1788.
V. meretrix, var. Gml. 13 ed. 3273. No. 15. 1793.
V. hermaphrodita, Gml. 13 ed. 3278. No. 40. 1793.
V. subviridis, Gml. 13 ed. 3280. No. 55. 1793. Brug. Encycl. pl. 250.
 1797.

Egeria radiata, Roissy. Buffon, vi. 327, pl. 64, f. 5.
Douax variegata, Perry. Conch. pl. 58, f. 1? 1811.
Tellina hermaphrodita, Diller. Cat. 1, 107. 1817.
Trigona (ex parte.) Schum. 153. 1817.
Cyclas hermaphrodita, Mart. Mag. Nat. Hist. 1, 402, pl. 1, f. 1, 2.
Potamophila radiata, Sowb. Gen. of Shells.
Megadesma radiata, Bowd. Elem. Conch. 2d pt. 8, f. 21. 1822.
Cyclas radiata, Schweig. Handbuch d. nat. 707.
Venus paradoxa, Wood. Index, pl. vii. f. 48. 1828.
Galatea paradoxa, Adams. Rec. Gen. 2, 408. 1858.

Hab. Africa.

12. *G. rubicunda*, Phil. Zeit. Malak. 190. 1848. Phil. Abb. 123, pl. 1, f. 2. 1852. Bernardi Monog. 37, pl. 1, f. 1, 2, pl. viii. f. 2. 1860.
Galatea Philippiane, Morelet. (pars.) Mss.

Hab. Guinea.

13. *G. tenuicula*, Phil. Zeit. Malak. 191. 1848. Phil. Abb. iii. 124, pl. 1, f. 3. 1851. Bernardi Monog. 41, pl. ii. f. 2; pl. viii. f. 5. 1860.

Hab. ?

—*G. versicolor*, Morelet. Adams. Rec. Gen. 2, 408. 1858. Is *Gal. laeta et rubicunda*.

FISCHERIA,* Bernardi. 1860.

1. *F. Delessertii*, Bernardi. Bernardi Monog. 46, pl. 3, f. 3, 4; pl. ix. f. 5. 1860.

Hab. Cape Palmas, Africa.

GLAUCONOME, Gray.

1. *Gl. angulata*, Reeve. Proc. Zool. xii. 20. 1844. Conch. Icon. pl. 1, f. vi.

Hab. Isl. of Negros.

—*Gl. bipinnata*, Phil. Pal. Foss. pl. xi. f. 33. Is *Ichthyorachus bipinnata*, d'Orb.

2. *Gl. cerea*, Reeve. Proc. Zool. xii. 20. 1844. Conch. Icon. pl. 1, f. viii.

Hab. The Ganges.

3. *Gl. Chinensis*, Reeve. Conch. Icon. pl. 1, f. 1.

Hab. China.

4. *Gl. convexa*, Desh. Grat. Moll. terr. et fluv. Fr. 51. 1855.

Hab. France, (fossil.)

5. *Gl. corrugata*, Reeve. Proc. Zool. xii. 20. 1844. Conch. Icon. pl. 1, f. v.

Hab. Manilla.

6. *Gl. curta*, Reeve. Proc. Zool. xii. 20. 1844. Conch. Icon. pl. 1, f. 7.

Hab. Lucon.

—*Gl. disticha*, Goldf. pl. 64, f. 15. 1830. Is *Penniretepora disticha*, d'Orb.

*This genus having been instituted subsequently to the publication of the first part of this paper, did not appear in the list given of the genera belonging to this family.

- Gl. disticha*, Lonsdale. Murch. Silur. pl. xv. f. 12. 1839. Is *Penniretepora Lonsdalei*, d'Orb.
- Gl. gracilis*, McCoy. Syn. Irel. 199, pl. 28, f. v. 1844. Is *Penniretepora gracilis*, d'Orb.
- Gl. grandis*, McCoy. Loc. sub. cit. 199, pl. 28, f. 3. 1844. Is *Penniretepora grandis*, d'Orb.
- Gl. hexagona*, Münster. Goldf. Petr. Germ. 1, 100, pl. 36, f. 8. 1831. Is *Vincularia hexagona*, d'Orb.
- Gl. marginata*, Münster. Goldf. Petr. Germ. 1, 100, pl. 36, f. v. 1831. Is *Vincularia marginata*, d'Orb.
7. *Gl. plana*, Desh. Grat. Moll. terr. fluv. Fr. 51. 1855.
Hab. France, (fossil.)
8. *Gl. psmatella*, Desh.
Glauconomya psmatella, Desh. Adams. Rec. Gen. 2, 442. 1858.
Hab. ?
—*Gl. pulcherrima*, McCoy. Syn. Irel. 99, pl. 28, f. 4. 1844. Is *Plytopora pulcherrima*, d'Orb.
9. *Gl. radiata*, Reeve. Proc. Zool. xii. 20. 1844. Conch. Icon. pl. 1, f. 3.
Hab. Zeeba.
—*Gl. rhombifera*, Münster. Goldf. Petr. Germ. 1, 100, pl. 36, f. 6. 1831. Is *Vincularia rhombifera*, d'Orb.
10. *Gl. rostralis*, Desh.
Glauconomya rostralis, Desh. Adams. Rec. Gen. 2, 442. 1858.
Hab. ?
11. *Gl. rugosa*, Reeve. Proc. Zool. xii. 19. 1844. Conch. Icon. pl. 1, f. 4.
Hanley in Wood. Index, pl. x. f. 4.
Hab. Manilla.
12. *Gl. straminea*, Reeve. Proc. Zool. xii. 20. 1844. Conch. Icon. pl. 1, f. 2.
Hab. Manilla.
—*Gl. tetragona*, Münster. Goldf. Petr. Germ. 1, 100, pl. 36, f. 7. 1831. Is *Vincularia fragilis*, DeFrance.
13. *Gl. virens?* Hanley. Proc. Zool. xii. 18. 1844.
Hab. China.

CYPRINA, Lamk.

- C. aequalis*, Phil. Sicil 1, 39. 1836. Is *Cyprina Islandica*, Lamk.
1. *C. affinis*, d'Orb. Prod. 1. 1850.
Venus affinis, Münster. Goldf. Petr. Germ. 2, 244, pl. 150, f. xi. 1839.
Hab. Germ., (fossil.)
2. *C. Alcyon*, d'Orb. Prod. 1. 1850.
Hab. France, (fossil.)
3. *C. amphytion*, d'Orb. Prod. 1. 1850.
Hab. France, (fossil.)
4. *C. angulata*, Sowb. M. C. 1, 145, pl. 65. 1814.
Hab. England, (fossil.)
—*C. angulata*, Sowb. Trans. Geol. iv. 128. 1836. Is *Cyprina Sowerbyi*, d'Orb.
5. *C. Antiopa*, d'Orb. Prod. 1. 1850.
Hab. France, (fossil.)

6. *C. antiqua*, d'Orb. Prod. 1. 1850.
Venus antiqua, Münster. Goldf. Petr. Germ. 2, 243, pl. 150, f. iv. 1839.
 Hab. Germ., (fossil.)
 —*C. Archiacina*, d'Orb. Prod. 2. 1850.
Crassatella quadrata, d'Archiac. Mem. Soc. Geol. 2d ser. 2, 301, pl. xiv.
 f. 1. 1847.
 Hab. Belgium, (fossil.)
 —*C. Arctica*, Turt. Brit. bivalves, 135. 1822. Is *Cyprina Islandica*,
 Lamk.
7. *C. arenaria*, Meek & Hayden. Proc. Ac. N. S. Phil. ix. 143. 1857.
 Hab. N. America, (fossil.)
8. *C. Arethusia*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
9. *C. Arion*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
10. *C. astartaeformis*, d'Orb. Prod. 1. 1850.
Isocardia astartaeformis, Münst. Beitr. Petr. iv. 87, pl. viii. f. 24. 1841.
 Hab. France, (fossil.)
11. *C. Bajocina*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
12. *C. Beaumontii*, d'Orb. Prod. 1. 1850.
Cardium Beaumontii, d'Archiac. Mem. Soc. Geol. 373, pl. xxvi. f. 4.
 1843.
 Hab. France and England, (fossil.)
13. *C. Bernardina*, d'Orb. Prod. 2. 1850.
 Hab. France, (fossil.)
14. *C. Bernensis*, Leymerie. 1842.
Cyprina rostrata, d'Orb. (non Sowb.) Pal. Fr. cret. 3, 98, pl. 271. 1843.
 Hab. France, (fossil.)
15. *C. Blandina*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
16. *C. Bonasia*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
17. *C. Bosquetiana*, d'Orb. Prod. 2. 1850.
 Hab. Germ., (fossil.)
18. *C. Bronnii*, Desh.
 Hab. Germ., (fossil.)
19. *C. Calliope*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
20. *C. Cancriniana*, d'Orb. Murch. Vern. et de Keys. Russia, 2, 457.
 pl. 38, f. 26, 27. 1845.
 Hab. Russia, (fossil.)
21. *C. carditaeformis*, d'Orb. Prod. 1. 1850.
Venus carditaeformis, Roemer, Oolit. 109, pl. vii. f. 15. 1836.
 Hab. Germ., (fossil.)
22. *C. carinata*, d'Orb. Prod. 1. 1850.
Venus carinata, Roemer. Oolit. 110, pl. vii. f. 10. 1836.
 Hab. Germ., (fossil.)
23. *C. Carteroni*, d'Orb. Prod. 2. 1850.
 Hab. France, (fossil.)

- C. compressa*, Turt. Brit. bivalves, 136, pl. xi. f. 21-23. 1822. Is *Astarte compressa*, Mont.
24. *C. compressa*, Meek & Hayden. Proc. Ac. N. S. Phil. 144. 1857.
Hab. N. America, (fossil.)
25. *C. Conradi*, d'Orb. Prod. 2. 1850.
Venilia Conradi, Morton. Syn. Cret. pl. viii. f. 1, 2. 1834.
Cardita decisa. Loc. sub. cit.. pl. ix. f. 3. 1834.
Hab. N. America, (fossil.)
26. *C. consobrina*, d'Orb. Paleont. 3, 107, pl. 278, f. 3-6. 1843.
Hab. France, (fossil.)
27. *C. Corallina*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)
28. *C. cordata*, Meek & Hayden. Proc. Ac. N. S. Phil. ix. 143. 1857.
Hab. N. America, (fossil.)
29. *C. cordiformis*, d'Orb. Paleont. 3, 101, pl. 273. 1843.
Hab. France, (fossil.)
30. *C. cornuta*, d'Orb. Prod. 2. 1850.
Isocardia cornuta, Kläden. Pl. 3, f. 8. Roemer 38, pl. 19, f. 14. 1839.
Hab?
31. *C. corrugata*, Lamk. Lamk. v. 1818.
Hab? (fossil.)
—*C. crassa*, Desh. Encycl. Méth. t. 11. 2d part, 47. 1830. Is *Corbicula crassa*, Desh.
32. *C. crassitesta*, Reüss.
Hab. Germ., (fossil.)
33. *C. cuneata*, Sowb. Trans. Geol. Soc. iv. 240, pl. 16, f. 19. 1836.
Hab. France and England, (fossil.)
34. *C. Cytherea*, d'Orb. Prod. 1. 1850.
Hab. France, (fossil.)
—*C. Defrancii*, Van Beneden. Is *Cyprina rustica*, Flem.
—*C. deltoidea*, Phil. Pal. foss. pl. 17, f. 59. Is *Cardium deltoideum*, d'Orb.
35. *C. dimorpha*, d'Orb. Prod. 1. 1850.
Hab. France, (fossil.)
36. *C. dolabra*, d'Orb. Prod. 1. 1850.
Hab. England, (fossil.)
37. *C. donacina*, d'Orb. Prod. 1. 1850.
Venus donacina, Schloth. Goldf. Petr. Germ. 2, 242, pl. 150, f. 3. 1839.
Hab. Germ., (fossil.)
—*C. Egertoni*, McCoy. Syn. Irel. 55, pl. x. f. 9. 1844. Is *Cardimorpha Egertonii*, d'Orb.
38. *C. Elea*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)
39. *C. elongata*, d'Orb. Paleont. 3, 106, pl. 267, f. 816. 1843.
Hab. France, (fossil.)
40. *C. Erato*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)
41. *C. Eucharis*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)

42. *C. Ervyensis*, d'Orb. Paleont. 3, 102, pl. 274. 1843.
Hab. France, (fossil.)
43. *C. Gea*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)
—*C. gigas*, Lamk. Lamk. v. 1818. Is *Venus umbonaria*.
44. *C. globosa*, d'Orb. Prod. 1. 1850.
Cardium globosum, Roemer. Oolit. 39, pl. 19, f. 19. 1836.
Venus tenuistria, Münster. Petr. Germ. 1, 245, pl. 150, f. 18. 1839.
Hab. Germ., (fossil.)
—*C. globosa*, Sharpe. Journ. Geol. Soc. vi. pl. 15, f. 1. Is *Cyprina Sharpei*, Prime.
45. *C. Glycerie*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)
46. *C. Helmerseniana*, d'Orb. Murch. 2, 457, pl. 38, f. 28–30. 1845.
Hab. France, (fossil.)
47. *C. Hersilia*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)
48. *C. humilis*, Meek & Hayden. Proc. Ac. N. S., Phil. 179. 1860.
Hab. N. America, (fossil.)
—*C. incrassata*, Nyst. Coq. Foss. Hasselt. 7. 1836. Is *Cytherea incrassata*, Sowb.
49. *C. inornata*, d'Orb. Paleont. 3, 99, pl. 272, f. 1, 2. 1843.
Hab. France, (fossil.)
50. *C. intermedia*, d'Orb. Paleont. 3, 107, pl. 278, f. 1, 2. 1843.
Hab. France, (fossil.)
51. *C. involuta*, d'Orb. Prod. 1. 1850.
Corbula involuta, Münster. Goldf. Petr. Germ. 2, 250, pl. 151, f. 14. 1839.
Hab. Germ., (fossil.)
52. *C. Islandica*, Lamk. Lamk. v. 1818.
Venus Islandica, Linn. 1131. Müller, Verm. 246. 1774.
Pectunculus major, da Costa. 183, pl. 14, f. 3. 1778.
Venus bucardium, Born. Mus. 63, pl. 4, f. 11. 1780.
Artica vulgaris, Schum. 145, pl. 13, f. 3. 1817.
Cyprina arctica, Turt. Brit. bivalves, 135. 1822.
Venus aequalis, Sowb. M. C. pl. xxi.
Cyprina aequalis, Phil. Steil. 1, 39. 1836.
C. maxima, Wood. Ann. N. H. vi. 249.
C. angulata, Sowb. Nyst. Foss. Anvers, 9.
C. Islandicoides, Lamk. Loc. sub. cit. p. 9.
C. vulgaris, Sowb. Gen. of Shells.
Hab. Europe and America.
—*C. Islandicoides*, Lamk. Lamk. v. 1818. Is *Venus Islandicoides*, Lamk.
53. *C. Jurensis*, Morris. Brit. fossils, 199. 1854.
Venus Jurensis, Münster. Goldf. Petr. Germ. 2, p. 245, pl. 150, f. 17. 1839.
Hab. England and Germany, (fossil.)
54. *C. Kharascovensis*, Rouillier. Bull. Soc. Moscou xx. 421, f. 32, 32. 1847.
Hab. Russia, (fossil.)
—*C. Lajonkairii*, Goldf. Petr. Germ. 237, pl. 148, f. 9. 1841. Is *Cyprina rustica*, Goldf.

55. *C. lata*, d'Orb. Prod. 2. 1850.
Venus lata, Roemer. 27, pl. ix. f. 10. 1841.
 Hab. Germ., (fossil.)
56. *C. laticostata*, d'Orb. Prod. 1. 1850.
Isocardia laticostata, Münster. Beitr. iv. 87, pl. viii. f. 24. 1841.
 Hab. Austria, (fossil.)
57. *C. Ligeriensis*, d'Orb. Paleont. 3, 103, pl. 275, f. 1-3, (exclus. f. 4, 5.) 1843.
 Hab. France, (fossil.)
58. *C. lunulata*, Desh. Inv. Paris, 1, 546, pl. xxxv. f. 19-21. 1860.
 Hab. France, (fossil.)
 —*C. maxima*, Wood. Ann. N. H. vi. 249. Is *Cyprina Islandica*, Lamk.
 —*C. minima*, Turt. Brit. bivalves, 137. 1822. Is *Circe minima*.
59. *C. Morrissii*, Sowb. Min. Conch. pl. 620.
 Hab. England, (fossil.)
60. *C. nana*, Sowb. Dixon, Foss. Suss. pl. 14, f. 8.
 Hab. England, (fossil.)
61. *C. neglecta*, d'Orb. Prod. 3. 1852.
Erycina neglecta, Nyst. 89, pl. 3, f. 134. 1843.
 Hab. Belgium, (fossil.)
62. *C. Neptuni*, d'Orb. Prod. 2. 1850.
 Hab. France, (fossil.)
63. *C. nitida*, d'Orb. Prod. 1. 1850.
Isocardia nitida, Phil. 122, pl. ix. f. 10. 1829.
 Hab. England, (fossil.)
64. *C. Normaniana*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
65. *C. Noueliana*, d'Orb. Prod. 2. 1850.
Cyprina Ligeriensis, d'Orb. (pars.) Paleont. 3, 103, pl. 275. f. 4, 5. (exclus. 1-3.) 1843.
 Hab. France, (fossil.)
66. *C. nuda*, d'Orb. Prod. 1. 1850.
Venus nuda, Goldf. Zieten. 94, pl. 71, f. 3. 1830.
 Hab. Germ., (fossil.)
67. *C. Nystii*, Hebert. 1849.
Cyprina scutellaria, Nyst. (non Desh.) 145, pl. 7, f. v; pl. 8, f. 1. 1843.
 Hab. Belgium, (fossil.)
 —*C. obliqua*, d'Orb. Prod. 2. 1850. Is *Corbicula obliqua*, Desh.
68. *C. obliquissima*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
69. *C. oblonga*, d'Orb. Paleont. 3, 105, pl. 277, f. 1-4. 1843.
Astarte cyprinoides, d'Archiac. Tourtia pl. xiv. f. 5. 1847.
 Hab. France and Belgium, (fossil.)
 —*C. oblonga*, Reuss. p. 4, pl. 15. 1846. Is *Crassatella oblonga*, d'Orb.
70. *C. orbicularis*, Roem. Nord D. Kreide, 73, pl. ix. f. 8. 1841.
 Hab. France and Germany, (fossil.)
 —*C. orbiculata*, Turton. Brit. bivalves, 138. 1822. Is *Lucina orbicularis*, Mont.

71. *C. ovata*, Meek & Hayden. Proc. Ac. N. S., Phil. ix. 144. 1857.
Hab. N. America, (fossil.)
72. *C. parvula*, d'Orb. Prod. 2. 1850.
Venus parvula, Roemer. Oolith. iii. pl. vii. f. 13. 1836.
Hab. Germ., (fossil.)
—*C. Pedemontana*, Lamk. Lamk. v. 1818. Is *Venus Pedemontana*.
73. *C. Phillipsii*, d'Orb. Prod. 1. 1850.
Isocardia angulata, Phillips. Yorksh. 122, pl. ix. f. 9. 1829.
Hab. England, (fossil.)
74. *C. piatigorskensis*, Fischer. Bull. Soc. Moscou, xxi. 1848.
Hab. Russia, (fossil.)
—*C. pisum*, d'Orb. Prod. 2. 1850. Is *Corbicula pisum*, Desh.
75. *C. plana*, d'Orb. Prod. 1. 1850.
Isocardia plana, Münster. Petref. iv. 87, pl. viii. f. 23. 1841.
Hab. Germany, (fossil.)
—*C. planata*, Sowb. M. C. pl. 619. Is *Cyprina scutellaria*, Desh.
76. *C. Provencialis*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)
77. *C. quadrata*, d'Orb. Paleont. 3, 105, pl. 276. 1843.
Hab. France, (fossil.)
78. *C. regularis*, d'Orb. Loc. sub. cit. 3, 100, pl. 272, f. 3-6. 1843.
Hab. France, (fossil.)
79. *C. Roemeri*, d'Orb. Prod. 1. 1850.
Lucina gibbosa, Roemer. Oolit. 41, pl. 19, f. 6. 1831.
Hab. Germ., (fossil.)
80. *C. rostrata*, Sowb. Geol. Trans. iv. 240, pl. 17, f. 1. 1836.
Hab. England, (fossil.)
—*C. rostrata*, d'Orb. Pal. 3, 98, pl. 271. 1843. Is *Cyprina Bernensis*, Leym.
81. *C. rotundata*, Braün. Agas. Icon. coq. test. 53, pl. 14. 1845.
Hab. Germ., (fossil.)
82. *C. Royana*, d'Orb. Prod. 2. 1850.
Hab. France, (fossil.)
83. *C. rustica*, Morris. Brit. Foss. 199. 1854.
Venus rustica, Sowb. Mur. Conch. pl. 196.
Cyprina Lajonkairii, Goldf. Petr. Germ. 237, pl. 148, f. 9. 1841.
C. tumida, Nyst. Tert. Belg. 148, pl. x. f. 1. 1835, 1843.
C. Defrancii, Van Beneden.
Hab. England, Belgium and Germany, (fossil.)
84. *C. scutellaria*, Desh. Coq. foss. 1, 125, pl. xx. f. 1-3. 1824.
Cytheria scutellaria, Defr. Dict. Scie. Nat. t. xii. 421. 1818.
Cyprina planata, Sowb. M. C. pl. 619.
Hab. France and England, (fossil.)
—*C. scutellaria*, Nyst. 145, pl. vii. f. 5, pl. viii. f. 1. 1843. Is *Cyprina Nystii*. Heberi.
85. *C. Sharpei*, Prime.
Cyprina globosa, (preoc.) Sharpe. Journ. Geol. Soc. vi. pl. 15, f. 1.
Hab. England, (fossil.)

86. *C. Sowerbyi*, d'Orb. Prod. 2. 1850.
Cyprina angulata, Sowb. Trans. Geol. Soc. iv. 128. 1839. (non. Sowb. M. C.)
 Hab. England, (fossil.)
87. *C. strigillata*, d'Orb. Prod. 1. 1850.
Cardita strigillata, Klippstein. Beitr. Geol. 255, pl. xvi. f. 23. 1845.
 Hab. Germany, (fossil.)
88. *C. subangulata*, d'Orb. Prod. 1. 1850.
Venus angulata, Münster. Goldf. Petr. Germ. 2, 243, pl. 150, f. v. 1839.
 Hab. Germany, (fossil.)
89. *C. subcordiformis*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
90. *C. subobliqua*, d'Orb. Prod. 1. 1850.
Venus obliqua, Münster. Goldf. Petr. Germ. 2, 243, pl. 150, f. 6, 1839.
 Hab. Germ., (fossil.)
91. *C. subrostrata*, Münster. Beitr. iv. 87, pl. viii. f. 26, 1841.
 Hab. Germ., (fossil.)
92. *C. subtumida*, Meek & Hayden. Proc. Ac. N. S. Phil. ix. 144. 1857.
 Hab. N. America, (fossil.)
 —*C. tenuistria*, Lamk. Lamk. v. 1848. Is *Venus Chinensis*, Chemn.
93. *C. trapeziformis*, d'Orb. Prod. 1. 1850.
Venus trapeziformis, Roemer. Oolit. 109, pl. vii. f. 14. 1836.
 Hab. Germany, (fossil.)
 —*C. triangularis*, Turt. Brit. bivalves, 136, pl. xi. f. 19, 20. 1822.
 Is *Circe minima*.
 —*C. tridacnoides*, Lamk. Lamk. v. 1818. Is *Venus deformis*, Say.
 —*C. trigona*, d'Orb. Prod. 2. 1850. Is *Corbicula triangula*, Prime.
 —*C. tumida*, Nyst. Coq. Tert. Belg. 148, pl. x, f. 1. 1835–1843. Is *Cyprina rustica*, Fleming.
 —*C. umbonaria*, Lamk. Lamk. v. 1818. Is *Venus umbonaria*.
 —*C. vetusta*, Roemer, 25, pl. vi. f. 1843. Is *Cardinia vetusta*, d'Orbigny.
94. *C. Vieilbancii*, d'Orb. Prod. 1. 1850.
 Hab. France, (fossil.)
 —*C. vulgaris*, Sowb. Gen. of Shells. Is *Cyprina Islandica*, Lam.

*Description of TWO NEW SPECIES of the Genus BATISSA,
with Notes on that Genus.*

BY TEMPLE PRIME.

Read December 12, 1859.

Reprinted from the Annals of the Lyceum of Natural History in New York, Vol. vii., April,
1860.

THE genus *Batissa* was established a few years ago by Gray for a class of the genus *Cyrena*, represented by the *Cyrena violacea* Lamarck, which he thought differed sufficiently from *Cyrena* to constitute a distinct genus. Since then the genus *Batissa* has been adopted by Deshayes in the Proceedings of the Zoological Society of London, 1854, and by the brothers Adams in their recent work.

The species of this genus, of which I append a list, are as yet not numerous.

***Batissa gigantea* Prime.**

T. ovato-orbiculari, oblique inæquilaterali, tumidâ, solidissimâ, magnâ, intus albâ, epidermide brunneâ vestitâ, sulcis remotis, umbonibus prominentibus, antice inclinatis; dentibus cardinalibus tribus, inæquilateralibus, brevibus, crassioribus; lateralibus angustis, serrulatis.

Long. $5\frac{1}{2}$, lat. $4\frac{3}{4}$, diam. $2\frac{1}{2}$ inches.

Hab.— ? Collect. Jay.

This is the largest known species of this genus. One specimen, which is in the collection of Dr. Jay, was brought to this country by the Expedition sent to Japan under Commodore Perry, without, however, any data as to the locality where it was found.

2 *Description of Two New Species of the Genus Batissa.*

In general outline it bears some resemblance to the *B. insignis*, Deshayes.

Batissa similis Prime.

T. ovato-orbiculari, oblique inæquilaterali, tumidâ, solidâ, depressâ, intus superne albâ, postice inferneque violaceâ, epidermide nigrâ vestitâ, sulcis remotis, umbonibus profunde erosis; dentibus cardinalibus tribus, subæqualibus, caniculatis; lateralibus elongatis, angustis, subæqualibus, serrulatis.

Long. $3\frac{1}{12}$, lat. $2\frac{1}{8}$, diam. $1\frac{1}{2}$ inches.

Hab.—Nicobar. Collect. auctoris.

This species, of which I received one specimen through Mr. Bernardi of Paris, is somewhat like the *B. Kerandrenia*, but is less inflated, and posteriorly less elongated.

List of the known Species.

BATISSA GRAY.

SYNONYMY OF THE GENUS.

Cyprina and *Cyclas* Brug. 1792. — *Cyrena* Lamk. 1818. — *Batissa* Gray, 1854.

Species.

1. atrata Desh. Proc. Zool. XXII. 14, 1854.

Hab. ?

2. Australis Desh. Loc. sup. cit. XXII. 346, 1854.

Hab. Australia.

3. Childrenæ Adams Rec. Gen. 2, 448, 1858.

Cyprina Islandica Brug. Encycl. méth. pl. 301, f. 1, 1792.

Hab. Phil. Islds.

4. compressa Prime Proc. Zool. XXVIII. 1860.

Hab. Borneo.

5. corbiculoides Desh. Proc. Zool. XXII. 14, 1854.

Hab. N. Guinea.

- 6. elongata Pr.** Proc. Zool. XXVIII. 1860.
Hab. N. Caledonia.
— *eximia* Ads. rec. gen. 2; 445, 1858.—*Cyrena eximia* Dunker.
- 7. fortis Pr.** Proc. Zool. XXVIII. 1860.
Hab. N. Caledonia.
- 8. fuscata Pr.** Proc. Zool. XXVIII. 1860.
Hab. ?
- 9. gigantea Pr.** Ann. N. Y. Lyc. Vol. VII. 1860.
Hab. ?
- 10. gracilis Pr.** Proc. Zool. XXVIII. 1860.
Hab. ?
- 11. humerosa Desh.** Proc. Zool. XXII. 14, 1854.
Hab. N. Guinea.
- 12. inflata Pr.** Proc. Zool. XXVIII. 1860.
Hab. Nicobar Islds.
- 13. insignis Desh.** Proc. Zool. XII. 13, 1854.
Hab. Phil. Islds.
- 14. Jayensis Ads.** Rec. Gen. 2, 448, 1858.
Cyrena Jayensis Lea. Trans. Amer. Phil. Soc. V. 103, pl. 17,
f. 52, 1832.
Hab. Sumatra.
- 15. Kerandrenia Ads.** Rec. Gen. 2, 448, 1858.
Cyrena Kerandrenia Less. Voy. Coq. 2, 429, pl. 11, f. 3, 1829.
Hab. Wiaongiou.
- 16. lenticularis Desh.** Proc. Zool. XXII. 14, 1854.
Hab. Phil. Islds.
- 17. megadesma Desh.** Loc. sup. cit. XXII. 14, 1854.
Hab. ?
- 18. minor Pr.** Proc. Zool. XXVIII. 1860.
Hab. Fejee Islds.

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19. obesa Ads. Rec. Gen. 2, 448, 1858.

Cyrena obesa Hinds. Ann. Mag. N. H. n. ser. X. 81, 1842.—

Voy. Sulph. 2, 66, pl. XXI. f. 6, 1844.

Hab. Fejee Islds.

20. producta Desh. Proc. Zool. XXII. 13, 1854.

Hab. Phil. Islds.

21. rotundata Ads. Rec. Gen. 2, 448, 1858.

Cyrena rotundata Lea. Trans. Amer. Phil. Soc. v. 107, pl. 17,
f. 51, 1832.

Hab. E. Indies.

22. similis Pr. Ann. N. Y. Lyc. Vol. VII. 1860.

Hab. Nicobar.

23. sphaericula Pr. MSS. 1859.—Collect. auctoris.

Cyrena violacea (var. *Javanica*), Mous. Moll. Java. 88, pl. XV. f. 1,
1849.

Hab. Java.

24. tenebrosa Ads. Rec. Gen. 2, 448, 1858.

Cyrena tenebrosa Hinds. Ann. Mag. N. H. n. ser. X. 81, 1842.—

Voy. Sulph. 2, 66, pl. XXI. f. 7, 1844.

Hab. Fejee Islds.

25. triquetra Desh. Proc. Zool. XXII. 13, 1854.

Hab. Phil. Islds.

26. unioniformis Pr. Proc. Zool. XXVIII. 1860.

Hab. ?

27. violacea Ads. Rec. Gen. 2, 448, 1858.

Cyclas violacea Lam. Ann. Mus. VII. 421, 1806.

Cyclas violacea Lam. V. 553, 1818.—Lam. (Desh. edit.) VI. 1835.

—Delast. pl. VII. f. 5, 1841.

Hab. The East.

List of the Known Species of PISIDIUM, with their Synonymy.

Reprinted from the Annals of the Lyceum of Natural History, N. Y., March, 1859.

By TEMPLE PRIME.

Read 28th February, 1859.

1. abditum Hald. Ac. N. S. Phil. Proc. 1, 53, 1841.—De Kay, 225, 1841.—Jay Cat. 4 edit. 466, 1852.—Pr. Bost. Jl. VI. 359, pl. XI. f. 24–25, pl. XII. f. 1, 1852.—Bgt. Amen. 1, p. 53, 1853.—Hartman Cat. 1853.—Lewis Bost. Proc. VI. 2, 1856.

Cyclas minor C. B. Ads. Bost. Proc. 1, 48, 1841.—Bost. Jl. IV. 39, pl. IV. f. 2, 1841.—C. B. Ads. Vermt. 19, 1842.—Migh. Bost. Jl. IV. 319, 1843.—Linsl. Amer. Jl. 48, 276, 1845.—C. B. Ads. Cat. 30, 1847.—Jay Cat. 4 edit. 32, 1850.—Pr. Bost. Proc. IV. 165, 1851.—Bgt. Amen. 1, p. 8, 53, 1853.

Pisidium minus Stimp. Moll. N. E. 16, 1851.—Pr. Bost. Jl. VI. 360, pl. XII. f. 2–4, 1852.

“ *obscurum* Pr. Bost. Proc. IV. 161, 1851.—Bost. Jl. VI. 359, 1852.

“ *Kurtzi* Pr. Bost. Proc. IV. 162, 1851.—Bost. Jl. 361, pl. XII. f. 5–7, 1852.

“ *zonatum* Pr. Bost. Proc. IV. 162, 1851.—Bost. Jl. VI. 364, pl. XII. f. 17–19, 1852.—Lewis Bost. Proc. VI. 2, 1856.

“ *regulare* Pr. Bost. Jl. VI. 363, pl. XII. f. 11–13, 1852.

“ *notatum* Pr. loc. sup. cit. VI. 365, pl. XII. f. 20–22, 1852.

“ *amplum* Ingalls MSS. 1855.

“ *resartum* “ loc. sup. cit. 1855.

“ *rubrum* Lewis MSS. 1855,

“ *plenum* “ loc. sup. cit. 1855.

Hab. N. Amer.

— *abruptum* Hald. Ac. N. S. Phil. Proc. 1, 53, 1841, is *P. Virginicum* Bgt.

— *acutum* Pf. Wieg. Archiv. 1, 230, 1831, is *P. Henslowianum*, Jen.

- 2. Adamsi Pr.** Stimp. Moll. N. E. 16, 1851.—Pr. Bost. Jl. VI. 352, pl. XI. f. 1–3, 1852.
Cyclas nitida Migh. (non Hanl.) Bost. Proc. 1, 48, 1841.—Bost. Jl. IV. 39, pl. IV. f. 3, 1841.—loc. sup. cit. IV. 319, 1843.—Linsl. Amer. Jl. 48, 276, 1845.—Pr. Bost. Proc. IV. 165, 1851.—Bgt. Amen. 1, p. 8, 1853.
 — *æquale* Rafn. Pr. Bost. Jl. VI. 367, 1852, is *P. Virginicum* Bgt.
 — *altile* Anth. Pr. Bost. Jl. VI. 353, pl. XI. f. 10–12, 1852, is *P. compressum* Pr.
- 3. amnicum Jen.** Trans. Camb. Phil. Soc. IV. pt. 2, 309, pl. XIX. f. 2, 1832.
Tellina amnica Müller 2, 205, 1774.
 “ *striata* Schrot. 193, 1779.
 “ *rivalis* Mat. & Rack. Trans. Linn. Soc. 3, 44, pl. XIII. f. 37–38, 1797.
Cyclas palustris Drap. tabl. 106, 1801.
Cardium amnicum Mat. 86, 1803.
Cyclas obliqua Lam. V. 559, 1818.
Pisidium obliquum Pf. Syst. Anord. 124, pl. V. f. 19–20, 1821.
Cyclas amnica Turt. Conch. 250, pl. II. f. 15, 1822.
Pera fluviatilis Leach in Jen. Trans. Camb. Phil. Soc. IV. pt. 2, 310, 1832.
 “ *Henslowiana* Leach in Jen. loc. sup. cit. 310, 1832.
Pisid. inflatum Meg. Porro 121, pl. II. f. 13, 1838.
Cyclas Pfeifferi Meg. loc. sup. cit. 121, 1838.
Pisid. palustre Nils. loc. sup. cit. 122, 1838.
 “ *Pfeifferi* Ziegl. Villa Lomb. 10, 1844.
Cordula amnica Leach Brit. Moll. 292, 1852.
Pisid. Grateloupianum Norm. Cycl. 4, 1854.
 “ *intermedium* Gas. Pisid. 11, pl. I. f. 4, 1855.
 “ *sulcatum* Parr. MSS.
Hab. Europe.
 — *amplum* Ingalls MSS. 1855, is *P. abditum* Hald.
- 4. antiquum Braun.**
Hab. Germ. (fossil).

5. arcuatum Pr. Bost. Jl. VI. 364, pl. XII. f. 14–16, 1852.

Hab. N. Amer. (fossil).

— *australe* Phil. Moll. Sicil. 1, 39, 1816, is *P. casertanum* Bgt.

— *Baudonianum* Ces. Pisid. Cr. 4, 1855, is *P. Gassiesianum* Dup.

— *Bonafouxianum* Ces. loc. sup. cit. 6, 1855, is *P. Henslowianum* Jen.

— *Brongniartinum* Bgt. Sph. 51, 1854, is *P. cuneatum* Petit.

— *caliculatum* Dup. extram. Gall. test. No. 229, 1849, is *P. casertanum* Bgt.

6. Canariense Shutl. Diag. n. Moll. 12, 1852.

Hab. Canary Islds.

7. cardiolum Desh. Inv. Par. 525, pl. XXXIV. f. 26–29, 1857.

Hab. France (fossil).

8. casertanum Bgt. Cat. Sauley. 80, 1853.

Cardium casertanum Poli I. 65, pl. XVI. f. 1, 1791.

“ *amicum* (Jr.) Mont. 88, 1803.

Cyclas vitrea Risso IV. 338, 1826.

Pera pulchella Leach MSS. Brit. Mus. 1830.

Pisid. pulchellum Jen. Trans. Camb. Phil. Soc. IV. 2 pt. 306, pl. XXI. f. 1–5, 1832.

“ *australe* Phil. Moll. Sicil. 1, 39, 1836.

“ *cinereum* Ald. Supplem. Cat. 4, 1837.

“ *Lumsternianum* Forb. Ann. n. h. 225, pl. XII. f. 4, 1839.

Cyclas pulchella Hanl. Rec. Spec. 1, 91, 1843.

“ *cinerea* Hanl. loc. sup. cit. 1, 91, 1843.

“ *lenticularis* Norm. Cycl. 8, f. 7–8, 1844.

Pisid. Joannis McGil. Scot. 248, 1844.

“ *Jenynsi* McGil. loc. sup. cit. 249, 1844.

“ *vitreum* Pf. Verany Cat. 13, 1846.

“ *nitidum* Jen. Gas. Agen. 209, 1849.

“ *limosum* Gas. loc. sup. cit. 206, pl. 2, f. 10–11, 1849.

“ *iratianum* Dup. Gall. extram. test. 234, 1849.

“ *thermale* Dup. loc. sup. cit. 238, 1849.

“ *caliculatum* Dup. loc. sup. cit. 229, 1849.

“ *sinuatum* Bgt. Jl. Conch. 421, 1851.—49, pl. I. f. 6–10, 1852.

“ *lenticulare* Dup. Moll. Fr. 680, pl. 30, f. 2, 1852.

“ *rotundum* Ces. Pisid. Cr. 6, 1855.

Pisid. globulosum Gas. Pisid. 21, pl. 2. f. 8, 1855.

“ *planum* Pf.

“ *Stabileii* Schmidt. MSS. 1858.

Hab. Europe.

— *cicer* Pr. Ann. N. Y. Lyc. VI. 65, pl. I. f. 1, a-c, 1853, is *P. compressum* Pr.

— *cinereum* Ald. Suppl. Cat. 4, 1837, is *P. casertanum* Bgt.

9. compressum Pr. Bost. Proc. IV. 164, 1851.—Ann. N. Y. Lyc. V. 219, pl. VI. 1852.—Bost. Jl. VI. 356, pl. XI. f. 13-15, 1852. Jay Cat. 4 edit. 466, 1852.—Bgt. Amen. 1, 52, 1853.—Hartm. Cat. 1853.—Lewis Bost. Proc. VI. 2, 1856.

Cyclas altilis Anth. C. B. Ads. Cat. 29, 1847.

Pisid. altile Anth. in Pr. Bost. Jl. VI. 353, pl. XI. f. 10-12, 1852.—Jay Cat. 4 edit. 466, 1852.—Bgt. Amen. 1, p. 52, 1853.—Lewis Bost. Proc. VI. 2, 1856.

“ *cicer* Pr. Ann. N. Y. Lyc. VI. 65, pl. I. f. 1, a-c, 1853.

Hab. N. Amer.

10. conicum Baud. Pisid. 50, pl. V. f. B. 1857.

Hab. France.

11. contortum Pr. Ann. N. Y. Lyc. VI. 65, pl. I. f. 2, a-c, 1853.

Hab. N. Amer. (fossil).

— *cornea*. Verany. Cat. 13, 1846, Sphærium, Scopoli 1771.—Cyclas, Brug. Lam. 1806, is Sphærium *corneum* Scop.

12. cuneatum Petit Jl. Conch. 422, 1851.

Cyclas cuneata Sowb. Edin. n. Phil. Jl. VII. 297, 1829.

“ *Brongniartina* Math. Cat. meth. 145, pl. XIV. f. 2, 1842.

“ *Matheroni* d'Orb. Prod. 2, 304, 1850.

Pisid. Brongniartinum Bgt. Sph. 51, 1854.

Hab. France (fossil).

— *Ddingoli Villa* Cat. 44, 1841, is Sphærium *Ddingoli* Bivona.

— *diaphanum* Hald. Ac. n. s. Phil. Proc. 1, 53, 1841, is Sphærium *maculatum* Morelet.

13. Denauvilliersi Desh. Jur. Par. 526, pl. XXXIV. f. 30-33, 1857.

Cyclas Denaiuvilleirsi Boissy Bull. Soc. Geol. 2 ser. IV. 178, 1846.

—Mem. (do.) 2d ser. III. 269, pl. V. f. 4, a–b, 1848.

Hab. France (fossil).

— *dubium* Hald. Ac. n. s. Phil. Proc. 1, 103, 1841, is *Pisid. Virginicum* Bgt.

14. duplicatum Pf.

Cyclas duplicata. Pf. Syst. Anord. 230, 1821.

Hab. Germ.

— *Dupuyanum* Norm. Cycl. 5, 1854, is *Pisid. Henslowianum* Jen.

15. equilaterale Pr. Bost. Jl. VI. 366, pl. XII. f. 23–25, 1852.

Hab. N. Amer.

16. exaratum Dkr. Weald. 56, pl. XIII. f. 14–15, 1846.

Hab. Germ. (fossil).

17. Ferroense Morch Suenson Cat. 43, 1857.

Hab. Ferroe Islds.

18. ferrugineum Pr. Bost. Proc. IV. 162, 1851.—Bost. Jl. VI. 362, pl. XII. f. 8–10, 1852.

Hab. N. Amer.

— *fontinale* Pf. Syst. Anord. 125, pl. V. f. 15–16, 1821, is *P. pusillum* Jen.

19. fuscum Parr. Jellebor. Moll. Austr. 22, 1851.

Hab. Germ.

20. Gassiesianum Dup. Agen. 207, pl. II. f. 11, 1849.

Pisidium Normandianum Dup. loc. sup. cit. 206, 1849.

“ *tetragonum* Norm. Cycl. 5, 1854.

“ *Baudonianum* Ces. *Pisid. Cr.* 4, 1855.

Hab. France.

— *globulosum* Gas. *Pisid.* 21, pl. II. f. 8, 1855, is *P. casertanum* Bgt.

— *grande* Whit. MSS. 1855, is *P. variabile* Pr.

— *Grateloupianum* Norm. Cycl. 4, 1854, is *P. amnicum* Jen.

21. Henslowianum Jen. Trans. Camb. Phil. Soc. IV. pt. 2, 308, pl. XXI. f. 6–7, 1832.

Pera Henslowiana Leach MSS. Brit. Mus. 1819.

Cyclas acuta Pf. Syst. Anord. 230, 1821.

Tellina Henslowana Shep. Trans. Linn. Soc. XIV. 150, 1823.

Cyclas appendiculata Turt. Man. 15, pl. I. f. 6, 1831.

List of the Known Species of

Pisidium acutum Pf. Wieg. Archiv. 1, 230, 1831.

Pera appendiculata Leach Brit. Moll. 292, 1852.

Pisidium Jayanum Gas. MSS. 1852.

“ *Dupuyanum* Norm. Cycl. 5, 1854.

“ *pallidum* Gas. Pisid. 16, pl. I. f. 10, 1855.

“ *Bonnafouxianum* Ces. Pisid. Cr. 6, 1855.

“ *Jandouinianum* Gas. Pisid. 18, pl. II. f. 2, 1855.

“ *pictum* Ces. Moll. Creuse. 9, 1857.

Hab. Europe.

- *incertum* Norm. Cycl. 6, 1854, is *P. nitidum* Jen.
- *inflatum* Meg. Porro 121, pl. II. f. 13, 1838, is *P. amnicum* Jen.
- *intermedium* Gas. Pisid. 11, pl. I. f. 4, 1855, is *P. amnicum* Jen.
- *iratianum* Dup. Extram. Gall. test. No. 234, 1849, is *P. casertanum* Bgt.
- *Jaudouinianum* Gas. Pisid. 18, pl. II. f. 2, 1855, is *P. Henslowianum* Jen.
- *Jayanum* Gas. MSS. is *P. Henslowianum* Jen.
- *Jengusi* McGil. Scot. 249, 1844, is *P. casertanum* Bgt.
- *Joannis* McGil. loc. sup. cit. 248, 1844, is *P. casertanum* Bgt.
- *Kurtzi* Pr. Bost. Proc. IV. 162, 1851, is *P. abditum* Hald.

22. laevigatum Bgt. Jl. Conch. 175, 1852.—Desh. Jurt. Par. 525, 1857.

Cyclas laevigata Desh. (non Schum.) Dict. class h. n. V. 220, 1824.

“ *sublaevigata* d'Orb. Prod. 2, 304, 1850.

Hab. France (fossil).

- *lenticulare* Dup. Moll. Fr. 681, pl. XXX. f. 2, 1850, is *P. casertanum* Bgt.
- *limosum* Gas. Agen. 206, pl. II. f. 10–11, 1849, is *P. casertanum* Bgt.
- *Lumsternianum* Forb. An. N. H. 2, 255, pl. XII. f. 4, 1839, is *P. casertanum* Bgt.

23. Mallet Dum. & Mort. Cat. 1853.

Hab. Switzerland (fossil).

- *minimum* Stud. Mem. Soc. Helv. etc. 1, p. 25, 1837, is *P. obtusale* Pf.
- *minus* Stimp. N. E. Moll. 16, 1851, is *P. abditum* Hald.
- *Moquinianum* Bgt. Amen. 1, p. 61, pl. III. f. 13–17, 1855, is *Sphærium maculatum* Morelet.

24. nitidum Jen. Trans. Camb. Phil. Soc. IV. pt. 2, 304, pl. XX. f. 7-8, 1832.

Cyclas pusilla Turt. Man. 16, pl. I. f. 7, 1831.

“ *nitida* Hanl. (non Migh.) Spec. etc. 1, p. 90, pl. XIV. f. 46, 1843.

Pisid. incertum Norm. Cycl. 6, 1854.

Hab. Europe.

— *Normandianum* Dup. Gas. Agen. 206, 1849, is *P. Gassiesianum* Dup.

— *notatum* Pr. Bost. Jl. VI. 365, pl. XII. f. 20-22, 1852, is *P. abditum* Hald.

25. Novi Eboraci Pr. Ann. N. Y. Lyc. VI. 66, pl. I. f. 3; a. c. 1853.

Hab. N. Amer.

26. nucleum Bgt. Sph. 51, 1854.—Desh. Inv. Par. 526, pl. XXXIV. f. 23-25, 1857.

Cyclas nuclea Boissy Bull. Soc. Geol. 2d. ser. IV. 178, 1846.—
Mem. (do.) 2d ser. III. 270, pl. V. f. 1, 1848.

Hab. France (fossil).

— *obliquum* Pf Syst. Anord. 124, pl. V. f. 19-20, 1821, is *P. amnicum* Jen.

— *obscurum* Pr. Bost. Proc. IV. 161, 1851, is *P. abditum* Hald.

27. obtusale Pf Syst. Anord. 125, pl. V. f. 20-21, 1821.

Cyclas obtusalis Lam. V. 559, 1818.

“ *minima* Stud. Verz. 93, 1820.

“ *gibba* Ald. Trans. Soc. Northd. 1, pt. 1, p. 41, 1830.

Pera gibba Leach MSS. 1832.

Pisid. minimum Stud. Mem. Soc. Helv. etc. 1, 25, 1837.

Cyclas ovalis Nils. Jen. Trans. Camb. Phil. Soc. IV. pt. 2d, 1832.

Pisid. ovale Petit Jl. Conch. 421, 1851.

Hab. Europe.

— *ovale* Petit. Jl. Conch. 421, 1851, is *P. obtusale* Pf.

— *pallidum* Gas. Pisid. 16, pl. I. f. 10, 1855, is *P. Henslowianum* Jen.

— *palustre* Porro 122, 1838, is *P. amnicum* Jen.

— *parasiticum* Parr. MSS. is *Sphærium ferrugineum* Krauss.

