

A KEY TO THE CLASSIFICATION OF THE COWRIES (*CYPRÆIDAE*)

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Plates viii-xiii

INTRODUCTION.

IN the following paper descriptions of Subfamilies are given and keys to both subfamilies and genera. Notes and descriptions of new species and genera are also added under the respective subfamilies, while illustrations of new species and a number holotypes and animals previously described from Fiji are reproduced. *Pseudocypraea adamsonii* Sowerby we regard as belonging to the Triviidae or to a separate family so that it is not included here. In the lists the genotypes of the various genera are given. The names of species and subspecies are followed by the Author's name and date, after which is added the type locality and then the distribution. The latter is abbreviated by using a system of figures for the Provinces and letters for the Regions. Where an asterisk is placed after a locality, it indicates that we here designate that locality as type locality. The Provinces and Regions agree generally with those accepted by Schilder and Schilder, 1939, with minor alterations, and are here listed.

Province.	Region.
1. West American	(a) Californian, (b) Mexican, (c) Galapagos.
2. East American	(a) Bermudian, (b) Caribbean, (c) Brazilian.
3. Eurafrian	(a) Southern Atlantic, (b) Guinean, (c) Canarian, (d) Algerian, (e) European.
4. Indian	(a) Erythraean, (b) Persian, (c) Cape of Good Hope, (d) African, (e) Lemurian, (f) Indian.
5. Central Indopacific	(a) Sumatran, (b) Moluccan, (c) Java Sea, (d) Sulu Sea, (e) Japanese, (f) Dampierian, (g) Flindersian.
6. Pacific	(a) Solanderian, (b) Peronian, (c) Melanesian, (d) Samoan, (e) Oceanic, (f) Micronesian, (g) Polynesian, (h) Hawaiian.

SUBFAMILIES.

Although subfamilies of the *Cypræidae* have been recognized and used by recent authorities, the definition of them has been somewhat vague. We here describe and key the accepted subfamilies, carefully basing the descriptions on typical genera and using the salient features in the key.

KEY TO SUBFAMILIES.

a.	Globular and beaked	<i>Pustulariinae</i>
aa.	Not globular or beaked.	
b.	Pustulose or granulose	<i>Staphylaeinae</i>
bb.	Smooth.	
c.	Deeply umbilicate	<i>Umbiliinae</i>
cc.	Not deeply umbilicate.	
d.	Teeth weak and incomplete	<i>Zoilinae</i>
dd.	Teeth normally developed.	
e.	Outer lip characteristically produced posteriorly	<i>Cypraeovulinae</i>
ee.	Outer lip normal.	
f.	Malleated	<i>Austrocypraeinae</i>
ff.	Not malleated.	
g.	Shell cylindrical.	
h.	Teeth fine	<i>Talpariinae</i>
hh.	Teeth coarse	<i>Erroneinae</i>
gg.	Shell pyriform or ovate.	
i.	Pyriform	<i>Adustinae</i>
ii.	Ovate or elongate ovate.	
j.	Elongate ovate	<i>Nariinae</i>
jj.	Ovate.	
k.	Base spreading.	
l.	Hump backed	<i>Mauritiinae</i>
ll.	Not hump backed	<i>Erosariinae</i>
kk.	Base not spreading	<i>Cypraeinae</i>

Subfamily PUSTULARIINAE.

Twenty millimetres in length or less; globular; extremities beaked; irregularly spotted or unicoloured; smooth or granulose; teeth very fine, not produced across the base; margin not calloused; weakly umbilicate; base rounded, not spreading.

Schilder, 1938, 125 places a number of genera, including the type of this subfamily, under Nariinae, but it is a heterogenous group of which *Pustularia* is a quite distinct type. Genera are: *Pustularia* Swainson, 1840, *Cypraea cicercula* Linné, 1758 = *Epona* H. & A. Adams, 1854, same genotype. *Propustularia* Schilder, 1927, *Cypraea surinamensis* Perry, 1811. *Annepona* Iredale, 1935, *Pustularia mariae* Schilder, 1927 = *Cypraea annulata* Gray, 1828, *nom. nud.* *Ipsa* Jousseaume, 1884, *Cypraea childreni* Gray, 1825.

KEY TO GENERA OF PUSTULARIINAE.

a.	Prominently beaked.	
b.	Pustulose	<i>Pustularia</i>
bb.	Smooth	<i>Propustularia</i>
aa.	Moderately beaked, smooth or vermiculate.	
c.	Smooth	<i>Annepona</i>
cc.	Vermiculately striate all over	<i>Ipsa</i>

Subfamily STAPHYLAEINAE.

Thirty millimetres in length or less; elongate ovate; extremities produced; regularly spotted; granulose; teeth strong, more or less produced across the base; margin not calloused; not umbilicate; base rounded, not spreading. Genera are: *Staphylaea* Jousseaume, 1884, *Cypraea staphylaea* Linné, 1758. *Purperosa* Iredale, 1935, *Purperosa facifer* Iredale, 1935. *Nuclearia* Jousseaume, 1884, *Cypraea nucleus* Linné, 1758. *Eustaphylaea* gen. nov., *Cypraea semiplota* Mighels, 1845.

Genus EUSTAPHYLAEA nov.

Genotype, *Cypraea semiplota* Mighels, 1845.

Shell elongate ovate, light brown with numerous minute white spots; base tumid, white, aperture yellowish, narrow; extremities produced; teeth moderately strong, somewhat produced across the base; margin not calloused but slightly ridged on the outer side. Length 9–21 mm.; width 6–11 mm.

KEY TO GENERA OF STAPHYLAEINAE.

- | | | | | | | | |
|-----|------------------------------------|----|----|----|----|----|---------------------|
| a. | Weakly or obsoletely granulose. | | | | | | |
| b. | Weakly granulose. | | | | | | |
| c. | Teeth right across the base .. | .. | .. | .. | .. | .. | <i>Staphylaea</i> |
| cc. | Teeth not right across the base .. | .. | .. | .. | .. | .. | <i>Purperosa</i> |
| bb. | Obsoletely granulose .. | .. | .. | .. | .. | .. | <i>Eustaphylaea</i> |
| aa. | Strongly granulose .. | .. | .. | .. | .. | .. | <i>Nuclearia</i> |

Subfamily UMBILINAE.

One hundred millimetres in length or less; elongate ovate; extremities produced; irregularly spotted or unicoloured; smooth; teeth weak, not produced across the base; margin not calloused; deeply umbilicate; base rounded, not spreading. *Umbilia* Jousseaume, 1884, *Cypraea hesitata* Iredale, 1916.

The Tertiary *Rhynchocypraea*, *Pallioocypraea*, and *Gigantocypraea* belong here with the recent cold water *Umbilia*. They are sufficiently closely related to the typical *Cypraeidae* to be regarded as a subfamily only.

Subfamily ZOILINAE.

Seventy-five millimetres in length or less; elongate ovate; spire elongate; extremities produced; irregularly spotted; smooth; teeth weak and incomplete; margin not calloused; not umbilicate; base rounded, not spreading. The development of the teeth range from the practically edentulous *Bernaya* to the partly developed teeth of *Zoila* and the complete, though weak set of *Siphocypraea*. Genera are: *Zoila* Jousseaume, 1884, *Cypraea friendii* Gray, 1831. *Bernaya* Jousseaume, 1884, *Cypraea media* Deshayes, 1831. *Siphocypraea* Heilprin, 1887, *Cypraea mus* Linné, 1758. This subfamily and the next, *Cypraeovulinae*, are represented only in Africa and Southern Australia, each forming a peculiar and restricted subfamily of ancient lineage.

Zoila episema Iredale, 1939, holotype Cape Naturaliste, S.W.A., is in the South Australian Museum D. 3980. It was evidently purchased by Mrs. Kenyon from someone for £20 as the type of *thatcheri* Cox. However, that type was sent to England by Cox according to Sowerby.

Cypraea marginata Gaskoin, 1848, is a juvenile *thersites*, the latter name having page priority.

KEY TO GENERA OF ZOILINAE.

- | | | | | | | | |
|-----|-------------------------------|----|----|----|----|----|---------------------|
| a. | Practically edentulous .. | .. | .. | .. | .. | .. | <i>Bernaya</i> |
| aa. | Weakly developed teeth. | | | | | | |
| b. | Series of teeth incomplete .. | .. | .. | .. | .. | .. | <i>Zoila</i> |
| bb. | Series of teeth complete .. | .. | .. | .. | .. | .. | <i>Siphocypraea</i> |

Subfamily CYPRAEOVULINAE.

Forty-five millimetres in length or less; pyriform; extremities well produced, especially the outer lip posteriorly in a characteristic curve; typically umbilicate; spotted, blotched or unicoloured; typically spirally irregularly striate but usually smooth; margin calloused; base rounded; teeth coarse or fine, produced across the base or obsolete. Genera are: *Cypraeovula* Gray, 1824, *Cypraea capensis* Gray, 1828. *Luponia* Gray, 1832 = *Gaskoinia* Roberts, 1870, *Cypraea algoensis* Gray, 1825. *Notocypraea* Schilder, 1927, *Cypraea piperita* Gray, 1825. *Guttacypraea* Iredale, 1935, *Cypraea pulicaria* Reeve, 1846. *Thelxinovum* Iredale, 1931, *Thelxinovum mollerii* Iredale, 1931. The Southern Australian genera of small cowries obviously belong here, and have nothing to do with Austrocypraeinae. Like Zoilinae, the teeth are here typically weakly developed. For the pure cream or white species, which is so distinct from other *Notocypraea*, we have used the name *subcarnea* Beddome, 1896, which occurs in Tasmania and South-Eastern South Australia. We have beautiful pure white specimens taken alive by Mrs. L. A. Elliott at Port Macdonnell, South Australia.

KEY TO GENERA OF CYPRAEOVULINAE.

a.	Spirally irregularly striate	<i>Cypraeovula</i>
aa.	Smooth.	
b.	Umbilicate	<i>Luponia</i>
bb.	Not umbilicate.	
c.	Spire not elevated.	
d.	Fossula moderately concave	<i>Notocypraea</i>
dd.	Fossula deeply concave	<i>Guttacypraea</i>
cc.	Spire elevated	<i>Thelxinovum</i>

GUTTACYPRAEA EUCLIA sp. nov.

Shell small, smooth, greyish-white, narrowly pyriform, extremities slightly produced; slightly umbilicate, whole of spire visible; outer margin white, narrowly calloused, forming a narrow ridge; base rounded, not calloused; teeth very fine and short. Length 24 mm., width 13 mm. (holotype). Range 12-24 mm., and 9-13 mm.

Loc. Western Australia, ninety miles west of Eucla, 100 fathoms (holotype); also 40 miles west of Eucla, 116 fathoms.

Remarks. Holotype. D. 11634, South Australian Museum. From a series of this species before us we can readily separate *pulicaria*, a cream to light-pink, brown spotted species from shallow water.

GUTTACYPRAEA PULICARIA Reeve, 1846.

Although the shell is commoner in South-Western Australia, two or three specimens from Spencer Gulf and Gulf St. Vincent, South Australia, dredged in shallow water, are before us, as well as a couple of specimens in the Kenyon collection possibly from Victoria.

Subfamily AUSTROCYPRAEINAE.

Thirty-five millimetres in length or less; pyriform; extremities produced, spire typically visible; unicoloured, obscurely spirally banded; malleated; teeth fine, not produced across the base; margin not calloused; not umbilicate; base

rounded, not spreading. Genera are: *Austrocypraea* Cossman, 1903, *Cypraea contusa* McCoy, 1877 = *Prolyncina* Schilder, 1927, *Cypraea reevei* Sowerby, 1832. Although there are eight Tertiary fossil species of this genus, there is only one living species, *reevei*, confined to South-Western and South Australia, and it is taken alive in both shallow and deeper waters down to 100 fathoms.

Subfamily TALPARIINAE.

One hundred and twenty millimetres in length or less; cylindrical, depressed; extremities slightly produced; not umbilicate; spotted, speckled, or ringed; smooth; teeth fine, not produced across the base; margin not calloused; base slightly flattened, not spreading. Genera are *Talparia* Troschel, 1863, *Cypraea talpa* Linné, 1758. *Basilitrana* Iredale, 1930, *Cypraea isabella* Linné, 1758. *Arestorides* Iredale, 1930, *Cypraea argus* Linné, 1758. *Luria* Jousseaume, 1884, *Cypraea lurida* Linné, 1758. *Chelycypraea* Schilder, 1927, *Cypraea testudinaria* Linné, 1758. *Macrocypraea* Schilder, 1930, *Cypraea zebra* Linné, 1758 = *Cypraea exanthema* Linné, 1767 = *Erythraea* Mörch, 1877, not Sowerby, 1839.

The relationship of *Macrocypraea zebra* is with *argus* in shape and apertural features.

BASILITRONA ISABELLA LEMURIANA subsp. nov.

This name is introduced for the geographical subspecies of *isabella* from Madagascar, the type locality, and the Lemurian Region. The shell is more subovate, extremities attenuated rather gradually instead of abruptly constricted, sides more callous, hind top of inner lip less distinctly constricted and never bent to the left; the extremities practically plain orange, without brown or even blackish spots. The Schilders, 1939, recorded this subspecies as typical *isabella*, but *isabella* comes from Amboina—the Schilders *ramphii* introduced by them for the Malayan species is a direct synonymy for the typical *isabella*.

KEY TO GENERA OF TALPARIINAE.

- a. Banded.
 - b. Base dark brown *Talpa*
 - bb. Base not dark brown.
 - c. Extremities dotted or coloured.
 - d. Teeth fine, extremities orange *Basilitrana*
 - dd. Teeth coarser, extremities with two dark spots *Luria*
- aa. Spotted, speckled or ringed.
 - e. Speckled and blotched *Chelycypraea*
 - ee. Not speckled.
 - f. Ringed *Arestorides*
 - ff. Spotted *Macrocypraea*

Subfamily ERRONEINAE.

Fifty millimetres in length or less; elongate cylindrical; extremities moderately produced; slightly umbilicate; dorsally blotched, regularly speckled or obscurely banded; smooth; teeth coarse or fine, not produced across the base; margin weakly, moderately, or strongly calloused; base typically rounded, not spreading. Genera are: *Erronea* Troschel, 1863, *Cypraea erronea* Linné, 1758. *Bistolida* Cossmann, 1920, *Cypraea stolidia* Linné, 1758. *Derstolida* Iredale, 1930, *Derstolida fluctuans* Iredale, 1930. *Talostolida* Iredale, 1930, *Cypraea teres* Gmelin, 1791. *Palangerosa* Iredale, 1930, *Cypraea cylindrica* Born, 1780. *Ova-*

Shell medium size, inflated, pyriform, pure white; extremities produced, very slightly umbilicate; teeth coarse and short, margin not calloused but slightly ridged and crenulate on the outer margin and at both ends of the inner margin; base rounded, not spreading. Length 27-50 mm., width 17-30 mm.

KEY TO GENERA OF *ADUSTINAE*.

- a. Rotund.
- b. Unicoloured.
- c. Brown *Adusta*
- cc. White *Albacypraea*
- bb. Not unicoloured.
- d. Blotched, speckled or banded.
- e. Rostrate *Notadusta*
- ee. Not rostrate.
- f. Blotched and speckled.
- g. Large dorsal blotch *Neobernaya*
- gg. Small blotch and speckles.
- h. Base rounded *Solvadusta*
- hh. Base less rounded *Gratiadusta*
- ff. Banded *Palmadusta*
- aa. Less rotund.
- i. Ocellate *Cribraria*
- ii. Not ocellate.
- j. White *Nivigera*
- jj. Coloured.
- k. Margins spotted *Zonaria*
- kk. Margins not spotted *Schilderia*

Subfamily *NARIINAE*.

Twenty millimetres in length or less; ovate, depressed; extremities not or slightly produced; not or slightly umbilicate; speckled, banded, blotched; smooth; teeth fine to medium, not produced across the base; margin not calloused; base flattened but not spreading.

Genera are: *Naria* Broderip, 1837, *Cypraea irrorata* Gray, 1828. *Evenaria* Iredale, 1930, *Cypraea asellus* Linné, 1758. *Melicerona* Iredale, 1930, *Cypraea listeri* Gray, 1828 = *Cypraea melvilli* Hidalgo, 1906. *Paulonaria* Iredale, 1930, *Cypraea beckii* Gaskoin, 1836. Two genera belonging to this subfamily were introduced by Iredale, 1939, and listed in the Zoological Record 1939, 76 as *Cupinota* "gen. nov." (non. descr.) and "*Opponaria*" "gen. nov." (non. descr.). These are synonyms of *Paulonaria* Iredale 1930, diagnosed in our Key.

KEY TO GENERA OF *NARIINAE*.

- a. Narrow, subcylindrical, depressed *Naria*
- aa. Wider, cylindrical ovate, depressed. Dotted, banded or spotted.
- b. Dotted *Paulonaria*
- bb. Banded or spotted.
- c. Banded *Evenaria*
- cc. Spotted and banded *Melicerona*

Subfamily *MAURITIINAE*.

One hundred millimetres in length or less; ovate to subcylindrical; extremities not produced; not umbilicate; spotted or with arabic like markings or mozaic patterned; smooth; teeth coarse to medium, not produced across the base; margin calloused; base flattened or spreading. Genera are: *Mauritia* Troschel, 1863, *Cypraea mauritiana* Linné, 1758 = *Maurina* Jousseaume, 1884 = *Mauxiena* Jousseaume, 1884. *Trona* Jousseaume, 1884. *Cypraea stercoraria* Linné, 1758. *Arabica* Jousseaume, 1884, *Cypraea arabica* Linné, 1758. For the Indian Ocean subspecies we use *argiolus* Bolten, 1798, designating Mauritius as the type locality. Bolten briefly but aptly described the species as "*Der Kleine Argus*."

Cypraea retifera Menke, 1829, is a *nomen nudum*, but *vono* Steadman and Cotton 1943 is available for the Polynesian subspecies.

a.	Base well spreading	..	..	..	..	..	..	..	Mauritia
aa.	Base moderately spreading.								
b.	Spotted	..	..	..	..	..	..	..	Trona
bb.	Reticulate	..	..	..	..	..	..	..	Arabica

[illegible]

Subfamily PUSTULARIINAE.

- Pustularia* Swainson, 1840. *Cypraea cicerula* Linné, 1758.
cicerula cicerula Linné, 1758. Amboina. 4f, 5c, e, 6c.
cicerula jennisoni Steadman and Cotton, 1943. Fiji. 6d, (pl. 8, fig. 1-3).
cicerula liegardii Jousseume, 1874. Mauritius. 4a, c.
bistrinotata bistrinotata Schilder and Schilder, 1937. Bismarek Archipelago.
 4f, 5a, c.
bistrinotata mediocris Schilder and Schilder, 1938. N. Melanesia. 6c, f, 5e.
bistrinotata sublaevis Schilder and Schilder, 1938. E. Polynesia. 6e, d, h.
globulus globulus Linné, 1758. Amboina. 6c, 5e.
 = *margarita* Dillwyn, 1817. Amboina.
 = *tricornis* Jousseume, 1874. Mauritius.
 = *affinis* Gmelin, 1791.
globulus sphaeridium Schilder and Schilder, 1938. Central Melanesia. 6c,
 d, e.
globulus brevirostris Schilder and Schilder, 1938. Seychelles. 4e.
globulus vulavula Steadman and Cotton, 1943. Fiji. 6a, b, c.
- Propustularia* Schilder, 1927. *Cypraea surinamensis* Perry, 1811.
surinamensis Perry, 1811. Surinam. 2b.
 = *bicallosa* Gray, 1831.
- Annepona* Iredale, 1935. *Pustularia mariae* Schilder, 1927.
mariae Schilder, 1927. Pacific Ocean. 6d, e, h, 5d.
 = *annulata* Gray, 1828 nom. nud. Pacific Ocean.
theeva Steadman and Cotton, 1943. Fiji. 6d, g, (pl. 9, fig. 7-9).
 = *margarita* Gray, 1828, Annaa Island. Not *margarita* Dillwyn, 1817.
- Ipsa* Jousseume, 1884 *Cypraea childreni* Gray, 1825.
childreni childreni Gray, 1825. Pacific. 6a, c, d, e, f, h.
childreni lemurica Schilder and Schilder, 1939. Indian Ocean. 4e, f.

Subfamily STAPHYLAEINAE.

- Staphylaea* Jousseume, 1884. *Cypraea staphylaea* Linné, 1758.
staphylaea staphylaea Linné, 1758. Mauritius. 4a, b, c, d, e, f.
 = *laevigata* Dautzenberg, 1932.
staphylaea consobrina Garrett, 1879. Central Pacific. 6a, b, c, d, e, f, g, h.
descripta descripta Iredale, 1935. Capricorn Group. 6a.
descripta nukulau Steadman and Cotton, 1943. Fiji. 6d.
- Purperosa* Iredale, 1935. *Purperosa facifer* Iredale, 1935.
facifer facifer Iredale, 1935. Queensland. 6a, b.
facifer monstrans Iredale, 1935. Capricorn Group. 6a.
facifer ruvaya Steadman and Cotton, 1943. Fiji. 6d.
limacina limacina Lamarck, 1810. Amboina (?). 5a, b, c, d, e.
limacina interstincta Wood, 1828. Mauritius (?). 4d, e, f.
- Eustaphylaea* Steadman and Cotton gen. nov. *Cypraea semiplota* Mighels, 1845.
semiplota Mighels, 1845. Hawaii. 6h.
 = *spadix* Mighels, 1845.
 = *polita* Roberts, 1868.
 = *annae* Roberts, 1869.

- Nuclearia* Jousseaume, 1884. *Cypraea nucleus* Linné, 1758.
nucleus nucleus Linné, 1758. Amboina. 4f. 5a, b, c, d, e, f. 6a.
nucleus sturanyi Schilder and Schilder, 1939. Red Sea. 4a.
nucleus madagascariensis Gmelin, 1791. Madagascar. 4d, e.
nucleus gemmosa Perry, 1811. Fiji. 6c, d, e, g.
granulata Pease, 1862. Hawaii. 6h.
 = *madagascariensis* Sowerby, 1823.
 = *honoluluensis* Melvill, 1888.

Subfamily UMBILIINAE.

- Umbilia* Jousseaume, 1884. *Cypraea umbilicata* Sowerby, 1825.
hesitata hesitata Iredale, 1916. Tasmania. 6b. 5g.
 = *umbilicata* Sowerby, 1825. Not Dillwyn, 1823.
hesitata beddomei Schilder, 1930. Port Stephens. 6b.
hesitata howelli Iredale 1931. Bass Straits, 90-150 fathoms. 6b.
hesitata armeniaca Verco, 1912. Eighty miles west of Eucla, 100 fathoms. 5g.

Subfamily ZOILINAE.

- Bernaya* Jousseaume, 1884. *Cypraea media* Deshayes, 1831 (fossil).
teulerei Cazenavette, 1846. Mocha, Arabia. 4a, b, c, d.
 = *leucostoma* Gaskoin, 1843. Not Gmelin, 1790.
 = *hidalgoi* Shaw, 1909.
fultoni Sowerby, 1903. Natal. 4c.
- Zoila* Jousseaume, 1884. *Cypraea friendii* Gray, 1831.
friendii friendii Gray, 1831. Swan River. 5g (Western).
 = *scottii* Broderip, 1832.
friendii vercoi Schilder, 1930. Esperance. 5g (Western).
thersites thersites Gaskoin, 1848. South Australia. 5g. (Eastern).
 = *marginata* Gaskoin, 1848.
thersites contraria Verco, 1912. Western Australia. 70-100 fathoms. 5g (Central).
thersites venusta Sowerby, 1847. North-Western Australia. 5f.
 = *thatcheri* Cox, 1869.
 = *bakeri* Gatliff, 1916.
 = *brunnea* Cox, 1889. Not Hidalgo.
thersites episema Iredale, 1939. South-Western Australia. 5g.
decipiens Smith, 1880. North-Western Australia. 5f.
- Siphocypraea* Heilprin, 1887. *Cypraea mus* Linné, 1758.
mus Linné, 1758. Mediterranean. 2b. 3c, d, e.
 = *bicornis* Sowerby, 1870.

Subfamily CYPRAEOVULINAE.

- Cypraeovula* Gray, 1824. *Cypraea capensis* Gray, 1828.
capensis Gray, 1828. South Africa. 4c.
amphithales Melvill, 1888. South Africa. 4c.
- Luponia* Gray, 1832. *Cypraea algoensis* Gray, 1825.
 = *Gaskoinia* Roberts, 1870.
algoensis Gray, 1825. South Africa. 4c.
edentula Gray, 1825. South Africa. 4c.
 = *alfredensis* Schilder, 1929.

- fuscoviridis* Shaw, 1909. South Africa. 4c.
 = *similis* Gray, 1831. Not Gmelin, 1791.
 = *castanea* Higgins, 1868. Not Bolten, 1791.
angustata Gmelin, 1791. South Africa. 4c.
 = *fuscodentata* Gray, 1825.
 = *coronata* Schilder, 1930.

- Notocypraea* Schilder, 1927. *Cypraea piperita* Gray, 1825.
piperita Gray, 1825. South Australia. 5g, 6b.
dissecta Iredale, 1931. New South Wales. 6b.
bicolor Gaskoin, 1849. Tasmania. 5g, 6b.
mayi Beddome, 1898. Tasmania. 5g, 6b.
declivis declivis Sowerby, 1870. Tasmania. 5g, 6b.
declivis occidentalis Iredale, 1935. Geographe Bay, Western Australia. 5f.
subcarnea Beddome, 1896. Tasmania. 5g, 6b.
 = *albata* Beddome, 1897.
emblemata Iredale, 1931. Bass Strait, 70–90 fathoms. 6b.
verconis Cotton and Godfrey, 1932. South Australia. 5g, 6b.
Guttacypraea Iredale, 1935. *Cypraea pulicaria* Reeve, 1846.
pulicaria Reeve, 1846. Western Australia. 5g.
euchia sp. nov. Western Australia, 100 fathoms, 40 miles west of Eucla. 5g.
 (pl. 11, fig. 4–6).
Thelxinovum Iredale, 1931. *Thelxinovum mollerii* Iredale, 1937.
mollerii Iredale, 1931. Twofold Bay, New South Wales, 45 fathoms. 6b.

Subfamily AUSTROCYPRAEINAE.

- Austrocyprea* Cossman, 1903. *Cypraea contusa* McCoy, 1877 (fossil).
 = *Prolyncina* Schilder, 1927. *Cypraea reevei* Sowerby, 1832.
reevei Sowerby, 1832. Western Australia. 5g.

Subfamily TALPARIINAE.

- Talparia* Troschel, 1863. *Cypraea talpa* Linné, 1758.
talpa talpa Linné, 1758. Amboina. 4f, 5a, c, 6a, c, d, e.
talpa saturata Dautzenberg, 1903. Samoa. 6c, d, e, f, g. (pl. 12, fig. 13).
talpa imperialis Schilder and Schilder, 1939. Madagascar. 4a, d, e.
exusta Sowerby, 1832. Gulf of Aden. 4a.
Basilitrone Iredale, 1930. *Cypraea isabella* Linné, 1758.
isabella isabella Linné, 1758. Amboina. 5a, b, c, d, e, f, 6a, b, c.
 = *isabella rumphii* Schilder and Schilder, 1939. South Malaysia.
isabella atriceps Schilder and Schilder, 1939. East Polynesia. 6g, h.
isabella lekalekana Ladd, 1934. Tertiary Fossil. Suva.
isabella cavia Steadman and Cotton, 1943. Suva. 6d, e, f.
isabella lemuriensis sp. nov. Madagascar. 4a, b, d, e, f.
controversa controversa Gray, 1824. Hawaii. 6f, h.
controversa mexicana Stearns, 1893. Mexico. 2b.
pulchra Gray, 1824. Red Sea. 4a, b.
Luria Jousseaume, 1884. *Cypraea lurida* Linné, 1758.
lurida lurida Linné, 1758. Mediterranean. 3d, e.
lurida minima Dunker, 1853. Cape Verde Is. 3b, c.
lurida oceanica Schilder, 1930. Ascension Is. 3a.

- cinerea* Gmelin, 1791. Caribbean Sea. 2a, b, c.
 = *sordida* Lamarck, 1810.
 = *fragilioides* Hidalgo, 1906.

Chelycypraea Schilder, 1930. *Cypraea testudinaria* Linné, 1758.
testudinaria testudinaria Linné, 1758. Amboina. 5b, e.
testudinaria testudinosa Perry, 1811. Samoa. 6c, d, e, f, g. (pl. 12, fig. 6).
testudinaria ingens Schilder and Schilder, 1939. Mauritius. 4d, e, f.

Arestorides Iredale, 1930. *Cypraea argus* Linné, 1758.
argus argus Linné, 1758. Amboina. 4e. 5a, b, e, f. 6a.
 = *argus contrastriata* Perry, 1811. East Indies.
argus ventricosa Gray, 1824. Fiji. 6c, d, e, f, g. (pl. 12, fig. 3).
 = *concatenata* Dautzenberg, 1903.

Macrocypraea Schilder, 1930. *Cypraea zebra* Linné, 1758.
zebra zebra Linné, 1758. West Indies. 2a, b.
 = *exanthema* Linné, 1767.
zebra dissimilis Schilder, 1924. South-East Brazil. 2c.
cervus cervus Linné, 1771. Florida. 2a, b.
 = *cervina* Lamarck, 1822.
cervus peilei Schilder, 1932. Bermuda Island (Pleistocene).
cervinetta Kiener, 1843. Gulf of Panama. 1a, b.

Subfamily ERRONEINAE.

Erronea Troschel, 1863. *Cypraea erronea* Linné, 1758.
erronea erronea Linné, 1758. Amboina. 5b.
 = *ovum* Gmelin, 1791.
 = *cruenta* Gmelin, 1791.
 = *olivacea* Lamarck, 1810.
erronea palauensis Schilder and Schilder, 1939. Palau Island. 5d, e.
erronea chrysostoma Schilder, 1927. Solomon Islands. 6a, c.
 = *sophiae* Brazier, 1875.
erronea teramachii Kuroda, 1938. Kii, Japan. 5e.
erronea bartletti sp. nov. Rossell Island, New Guinea. 6c. (pl. 11, fig. 1-3).
nimiserrans nimiserrans Iredale, 1935. Queensland. 6a, b. 5f.
nimiserrans kalavo Steadman and Cotton, 1943. Suva. 6d. (pl. 13, fig. 7-9).
nimiserrans vivili Steadman and Cotton, 1943. Suva. 6d. (pl. 9, fig. 4-6).
nimiserrans coerulescens Schröter, 1804. Solomon Islands. 6e, c, g.
nimiserrans coxi Brazier, 1872. Dupuch's Island. North-West Australia. 5f.
nimiserrans bimaculata Gray, 1824. Andaman Islands. 4a, e, f.
 = *chrysophaea* Melvill, 1888.
magerrones magerrones Iredale, 1939. Keppel Bay, Queensland. 6a, e.
magerrones proba, Iredale, 1939. North-West Australia. 5f.

Palangerosa Iredale, 1930. *Cypraea cylindrica* Born, 1780.
cylindrica cylindrica Born, 1780. Amboina. 5a, b, c, d, e.
 = *subcylindrica* Sowerby, 1870.
cylindrica lenella Iredale, 1939. Michaelmas Cay. 6a, c.
cylindrica sista Iredale, 1939. North-Western Australia. 5f.
cylindrica wangga Steadman and Cotton, 1943. Suva. 6d, e.
cylindrica sowerbyana Schilder, 1932. Ceylon. 4f.

Ovatipsa Iredale, 1931. *Cypraea chinensis* Gmelin, 1791.

- chinensis chinensis* Gmelin, 1791. China. 5b, d, e.
- = *cruenta* Dillwyn, 1817.
- = *crenata* Bolten, 1798.
- = *morbillosa* Bolten, 1798.
- chinensis variolaria* Lamarck. Amboina. 4e, f, d. 5a, b, c.
- = *violacea* Rous, 1905.
- = *tortirostris* Sowerby, 1906.
- chinensis sydneyensis* Schilder, 1939. Sydney. 6a, b, c, d.
- coloba coloba* Melvill, 1888. Gulf of Aden. 4a, b.
- coloba greegori* Ford, 1893. India. 4f.
- caurica caurica* Linné, 1758. Amboina. 5b, c, d, e.
- = *punctulata* Gmelin, 1791.
- caurica longior* Iredale, 1935. Queensland. 6a.
- caurica thema* Iredale, 1939. New Caledonia. 6c, d.
- = *obscura* Schilder, 1939, not *obscura* Gaskoin.
- caurica blaesa* Iredale, 1939. North-Western Australia. 5f.
- caurica dracaena* Born, 1778. India. 4b, d, e, f.
- = *corrosa* Gronow, 1781.
- = *derosa* Gmelin, 1791.
- = *cairnsiana* Melvill Standen, 1904.
- caurica quinquefasciata* Roding, 1798. Red Sea. 4a.
- caurica elongata* Perry, 1811. South-East Africa. 4c, d, e.
- = *oblongata* Melvill, 1888.

Talostolida Iredale, 1930. *Cypraea teres* Gmelin, 1791.

- teres teres* Gmelin, 1791. Amboina. 5b.
- = *tabescens* Dillwyn, 1817.
- = *latior* Melvill, 1888.
- teres subfasciata* Link, 1807. Mauritius. 4d, e.
- = *alveolus* Tapperone, 1882.
- teres pentella* Iredale, 1939. Lady Elliot Island. 6a, c.
- teres pellucens* Melvill, 1888. North Pacific. 5e, 6f.
- subteres subteres* Weinkauff, 1880. South-East Polynesia. 6g.
- = *teres* Sowerby, 1832.
- subteres hermanni* Iredale, 1939. Lady Elliot Island. 6a.
- subteres vava* Steadman and Cotton, 1943. Suva. 6d.
- goodallii goodallii* Sowerby, 1832. Lord Hoods Island. 6g.
- goodallii fuscomaculata* Pease, 1865. Apaiang Island. 6e.
- = *adelinae* Roberts, 1885.
- = *dautzenbergi* Hidalgo, 1907.
- rashleighana rashleighana* Melvill, 1888. Loyalty Island. 6c.
- rashleighana eunota* Taylor, 1916. Hawaii. 6h.

Ipserronea Iredale, 1935. *Ipserronea problematica* Iredale, 1935.

- problematica* Iredale, 1935. Lindeman Island. 6a.

Blasicrura Iredale, 1930. *Cypraea rhinoceros* Souverbie, 1865.

- rhinoceros rhinoceros* Souverbie, 1865. New Caledonia. 6a.
- rhinoceros vivia* Steadman and Cotton, 1943. Suva. 6d.
- rhinoceros interrupta* Gray. Ceylon. 4f.
- irvineanae* Cox, 1890. Cape Naturaliste. 5g.
- quadrifasciata quadrifasciata* Gray, 1824. Amboina. 5b.
- = *pallidula* Gaskoin, 1848.
- quadrifasciata thielei* Schilder and Schilder, 1939. Lindeman Island. 5a, c.

quadrinaculata garretti Schilder and Schilder, 1939. Fiji. 6c, d.
coxeni Cox, 1873. Solomon Islands. 6c.

Bistolida Cossman, 1920. *Cypraea stolidia* Linné, 1758.

= *Derstolidia* Iredale, 1930. *Derstolidia fluctuans* Iredale, 1930.

= *Stolidia* Jousseaume, 1884, not Lesson, 1831.

stolidia stolidia Linné, 1758. Ceylon. 4f.

stolidia thakau Steadman and Cotton, 1943. Suva. 6d. (pl. 10, fig. 1-3).

stolidia crosseii Marie, 1869. New Caledonia. 6c.

stolidia diauges Melvill, 1888. Natal. 4e.

stolidia brevidentata Sowerby, 1870. Borneo. 5d.

= *moniontha* Melvill, 1888.

stolidia erythraeensis Sowerby, 1837. Red Sea. 4a.

fluctuans fluctuans Iredale, 1935. Lindeman Island. 6a.

fluctuans deceptor Iredale, 1935. Torres Strait. 6a.

Subfamily ADUSTINAE.

Adusta Jousseaume, 1884. *Cypraea onyx* Linné, 1758.

onyx onyx Linné, 1758. Amboina*. 5b, c, d, e.

onyx melanesiae Schilder and Schilder, 1937. New Britain. 6c.

onyx nymphae Jay, 1850. Mauritius. 4e.

= *carnicolor* Mörch, 1852.

onyx succincta Linné, 1758. Ceylon*. 4f.

= *umbilicata* Dillwyn, 1823.

onyx persica Schilder and Schilder, 1939. Persian Gulf. Fao. 4b.

onyx adusta Lamarek, 1880. Zanzibar*. 4d.

Palmadusta Iredale, 1930. *Cypraea clandestina* Linné, 1758.

clandestina clandestina Linné, 1767. Ceylon. 4a, b, e, f.

clandestina passerina Melvill, 1888. South East Africa. 4d, e.

clandestina moniliaris Lamarek, 1810. South Malaysia. 5b, c, d.

clandestina candida Pease, 1865. Central Pacific. 6d, g.

clandestina whitleyi Iredale, 1939. Michaelmas Cay. 5f, 6b.

clandestina extrema Iredale, 1939. Shell harbour, New South Wales. 6a, b.

clandestina artuffeli Jousseaume, 1876. Japan. 5e.

saulae saulae Gaskoin, 1843. Philippine Islands. 5c, e.

saulae nugata Iredale, 1935. Lindeman Island. 6a.

contaminata contaminata Sowerby, 1832. Amboina. 5b, c, d, e. 6c.

contaminata distans Schilder and Schilder, 1939. Natal. 4d, e.

lutea lutea Grunov, 1781. Ceylon. 4f.

= *commixta* Wood, 1828.

lutea humphreysii Gray, 1825. Amboina. 5a, b, c, d, e. 6a, b.

= *nivea* Wood, 1828.

lutea yaloka Steadman and Cotton, 1943. Suva, Fiji. 6d.

lutea bizonata Iredale, 1935. Nickol Bay, North-West Australia. 5f.

ziczac ziczac Linné, 1758. Amboina. 5b, c, d, e.

= *vittata* Deshayes, 1831.

ziczac undata Lamarek, 1810. Ceylon. 4f. 5a.

ziczac misella Perry, 1811. East Africa*. 4d.

ziczac signata Iredale, 1939. Clarence River, New South Wales. 6a, b.

ziczac diluculum Reeve, 1845. Natal. 4c, d.

= *undata* Lamarek, 1822.

ziczac virginalis Schilder and Schilder, 1939. Seychelles. 4e.

= *buttoni* Oldroyd, 1916.

- Gratiadusta* Iredale, 1930. *Cypraea pyriformis* Gray, 1825.
pyriformis pyriformis Gray, 1825. Ceylon. 4f. 5a, f. 6a.
pyriformis smithi Sowerby, 1881. North West Australia. 5f.
kaiseri Kenyon, 1897. Lagrange Bay. 5f. 6a.
walkeri walkeri Sowerby, 1832. Persian Gulf. 4b, e. 6a.
= *amabilis* Jousseaume, 1881.
walkeri continens Iredale, 1935. Lindeman Island. 6a.
walkeri comptonii Gray, 1847. Pt. Essington, North Australia. 5f.
walkeri bregeriana Crosse, 1868. New Caledonia. 6c.
walkeri merista Iredale, 1939. Whitsunday Group, Queensland. 6a.
walkeri surabajensis Schilder, 1937. Surabaya. 5b, c, d.
xanthodon Sowerby, 1832. Keppel Bay, Queensland*. 6a, b.
vredenburgi Schilder, 1927. Nusa Kambangan, South-West Java. 5c, b.
pallida pallida Gray, 1824. Bombay. 4b, f.
pallida insulicola Schilder and Schilder, 1939. Batavia. 5b, c, d, e.
pulchella pulchella Swainson, 1823. China. 5d, e.
pulchella novaebritanniae Schilder and Schilder, 1937. New Britain. 6c.
pulchella vayssièrei Schilder and Schilder, 1939. Gulf of Aden. 4a.
pulchella pericalles Melvill and Standen, 1904. Gulf of Oman. 4b.
hungerfordi Sowerby, 1888. Japan. 5e.
= *kiensis* Roberts, 1913.
langfordi Kuroda, 1938. Okinosima, Tosa, Japan. 5e.
barclayi Reeve, 1857. Mauritius. 4e.
hirasei Roberts, 1930. Japan. 5e.
- Solvadusta* Iredale, 1935. *Gratiadusta vaticina* Iredale, 1930.
subviridis vaticina Iredale 1930. Sydney Harbour. 6a, b.
subviridis subviridis Reeve 1835. North Queensland. 5f. 6a.
= *dorsalis* Schilder and Schilder, 1938.
subviridis kesata Steadman and Cotton, 1943. Suva. 6d.
subviridis anceyi Vayssiere, 1905. New Caledonia. 6c.
subviridis jensostergaardi Ingram, 1939. Koror Island. Palau Group, Caroline Islands. 5d. 6f.
- Notadusta* Schilder, 1935. *Notodusta victoriana* Schilder, 1935 (fossil).
martini martini Schepman, 1907. N.W. Celebes. 5b, d.
martini superstes Schilder, 1930. New Hebrides. 6c.
- Albacypraea* Cotton and Steadman gen. nov. *Cypraea eburnea* Barnes, 1828.
eburnea eburnea Barnes, 1828. Fiji. 6d. (pl. 12, fig. 11; pl. 13, fig. 10-13).
eburnea mara Iredale, 1939. New Caledonia. 5d. 6a, c.
- Neobernaya* Schilder, 1927. *Cypraea spadicea* Swainson, 1823.
spadicea Swainson, 1823. California. 1a.
- Cribraria* Jousseaume, 1884. *Cypraea cribraria* Linné, 1758.
cribraria cribraria Linné, 1758. Ceylon. 4f.
cribraria northi Steadman and Cotton, 1943. Nadroga, Fiji. 6c, d. (pl. 11, fig. 7-9).
cribraria zadela Iredale, 1939. Hamilton Island, Whitsunday Group, Queensland. 6a, c.
cribraria fallax Smith, 1881. West Australia. 5f, g.
cribraria exmouthensis Melvill, 1888. West Australia, Exmouth Gulf. 5f.
cribraria comma Perry, 1811. S.E. Africa. 4c, d, e.
cribellum Gaskoin, 1849. Mauritius. 4e.
esontropia Duclos, 1833. Mauritius. 4e.
= *translucida* Melvill, 1888.

- catholicorum* Schilder and Schilder, 1938. Melanesia. 6c.
 = *fischeri* Schilder, 1933.
gaskoini Reeve, 1846. Sandwich Islands. 6h.
 = *peasei* Sowerby, 1870.
 = *fischeri* Vayssiere, 1910.
cumingii cumingii Sowerby, 1832. Tahiti. 6d.
 = *compta* Pease, 1860.
cumingii cleopatra Schilder and Schilder, 1938. South-East Polynesia. 6g.
Nivigena Iredale, 1930. *Nivigena melwardi* Iredale, 1930.
melwardi Iredale, 1930. North-West Islet, Capricorn Group. 6a.
Zonaria Jousseume, 1884. *Cypraea zonaria* Gmelin, 1791.
zonaria Gmelin, 1791. Guinea. 3b.
 = *zonata* Lamarck, 1810.
gambiensis Shaw, 1909. Cape Verd. 3b, c.
 = *nebulosa* Kiener, 1843.
picta Gray, 1824. Cape Verd. 3b, c.
 = *atava* Rochebrune, 1884.
annettae annettae Dall, 1909. Gulf of California. 1a, b.
 = *sowerbyi* Kiener, 1845.
annettae aequinoctialis Schilder, 1933. North Peru. 1c.
sanguinolenta Gmelin, 1791. Cape Verd. 3b, c.
petitiana Crosse, 1872. Cape Verd. 3b, c.
pyrum pyrum Gmelin, 1791. South Europe. 3e.
 = *cinnamomaea* Olivi, 1792.
 = *rufa* Lamarck, 1810.
pyrum senegalensis Schilder, 1928. Cape Verd. 3b, c.
pyrum angolensis Odhner, 1923. S. Angola. 3a, b.
pyrum insularum Schilder, 1928. North-West Africa. 3c.
pyrum maculosa Gmelin, 1791. North Coast of Africa. 3d.
Schilderia Tomlin, 1930. *Cypraea achatidea* Sowerby, 1837.
achatidea achatidea Sowerby, 1837. Sicily. 3e.
 = *grayi* Kiener, 1843.
 = *physis* Deshayes, 1844.
achatidea oranica Crosse, 1896. Oran. 3d.
achatidea inopinata Schilder, 1930. West Africa. 3c.
achatidea longinqua Schilder and Schilder, 1939. S. Angola. 3b.

Subfamily NARIINAE.

- Naria* Broderip, 1837. *Cypraea irrorata* Gray, 1828.
irrorata Gray, 1828. Polynesia. 6d, e, f, g.
Paulonaria Iredale, 1930. *Cypraea beekii* Gaskoin, 1836.
 = *Opponaria* Iredale, 1939.
 = *Cupinota* Iredale, 1939.
beekii Gaskoin, 1836. Philippine Islands. 5d. 6a, c, e, f.
dillwyni Schilder, 1932. E. Polynesia. 6g.
macandrewi Sowerby, 1870. Red Sea. 4a.
 = *thomasi* Crosse, 1865.
microdon microdon Gray, 1828. Philippine Islands. 5d. 6a, c.
 = *katha* Iredale, 1939.
 = *microdon* Sowerby, 1832.
 = *fimbriata* Garrett, 1879. Not Gmelin, 1791.
 = *minoridens* Melvill, 1901.

- microdon granum* Schilder and Schilder, 1939. Fiji. 6d, e.
microcodon chrysalis Kiener, 1843. Mauritius. 4e.
waikikiensis Schilder and Schilder, 1933. Waikiki. 6h.
serrulifera Schilder and Schilder, 1938. Huahine Island. 6g.
fimbriata fimbriata Gmelin, 1791. Mauritius. 4e.
fimbriata durbanensis Schilder and Schilder, 1939. Durban. 4c, d.
fimbriata marmorata Schröter, 1804. East Malaysia. 5b, c, d, e. 6a, b, c.
fimbriata unifasciata Mighels, 1845. Polynesia. 6g.
fimbriata suvaensis Steadman and Cotton, 1943. Suva. 6d, e. (pl. 9, fig. 1-3).
fimbriata blandita Iredale, 1939. Port Jackson. 6b.
macula macula Angas, 1867. Port Jackson. 6b.
 = *irescens* Sowerby, 1870.
 = *interpunctata* Henn, 1896.
macula hammondae Iredale, 1939. Clarence River. 6b.
macula cholmondeleyi Melvill, 1888. Australia. 6a.
macula hilda Iredale, 1939. Sharks Bay. 5f.
gracilis gracilis Gaskoin, 1848. Central Malaysia. 5a, c, f.
gracilis notata Gill, 1858. Red Sea. 4a, b.
 = *subcoerulea* Schilder and Schilder, 1931.
gracilis japonica Schilder, 1931. Japan. 5e.
- Evenaria* Iredale, 1930. *Cypraea asellus* Linné, 1758.
asellus asellus Linné, 1758. Amboina. 4e, f. 5a, b, c, d.
 = *vespacea* Melvill, 1905.
asellus bitaeniata Geret, 1903. Queensland. 6a, b.
 = *latefasciata* Schilder, 1930.
asellus kawakawa Steadman and Cotton, 1943. Suva. 6d, e, g.
punctata punctata Linné, 1758. Mauritius. 4a, d, e, f.
 = *stercusmuscarium* Lamarck, 1810.
punctata atomaria Gmelin, 1791. Amboina. 5a, b, c, d, e.
punctata iredalei Schilder and Schilder, 1939. Lindeman Is. 6a, b, c.
punctata perstricta Iredale, 1939. Michaelmas Cay. Queensland. 6a.
punctata trizonata Sowerby, 1870. E. Polynesia. 6d, g.
punctata carula Iredale, 1939. Yirrkala, Arnhem Land, Gulf of Carpentaria.
 5f.
ursellus ursellus Gmelin, 1791. Madagascar. 4d.
 = *kieneri* Hidalgo, 1906.
 = *hirundo* Sowerby, 1837.
 = *owenii* Sowerby, 1837. Mauritius.
 = *menkeana* Deshayes, 1863.
 = *modesta* Sowerby, 1870.
 = *vasta* Schilder and Schilder, 1939. South Africa.
ursellus depriesteri Schilder, 1933. S. Malaysia. 5a, b, c, d.
ursellus schneideri Schilder and Schilder, 1939. New Britain. 6c.
ursellus vitiensis Steadman and Cotton, 1943. Suva, Fiji. 6d, g. (pl. 8, fig. 4-6).
ursellus marcia Iredale, 1939. New South Wales. 6a, b.
reductesignata Schilder, 1924. Seychelles. 4e.
hirundo hirundo Linné, 1758. Ceylon. 4f.
hirundo neglecta Sowerby, 1837. Central Malaysia. 5a, b, c, d.
hirundo rouxi Ancy, 1882. Melanesia. 6c.
hirundo korolevu Steadman and Cotton, 1943. Korolevu, Fiji. 6d, g. (pl. 8, fig. 7-9).
hirundo cameroni Iredale, 1939. North Australia. 5f. 6a, b.

- hirundo peropima* Iredale, 1939. North West Islet. 6a.
hirundo francisca Schilder and Schilder, 1939. Seychelles. 4e.
coffea coffea Sowerby, 1870. Borneo. 5d.
coffea amoeba Schilder and Schilder, 1939. Aitape, New Guinea. 6c.
coffea endela Iredale, 1939. Michaelmas Cay, Queensland. 6a.
Melicerona Iredale, 1930. *Cypraea listeri* Gray, 1824.
felina felina Gmelin, 1791. South Africa. 4d, e.
felina listeri Gray, 1824. Maldives. 4f.
 = *ursellus* Kiener, 1843.
felina melvilli Hidalgo, 1906. Amboina. 5a, b, c, d.
felina velesia Iredale, 1939. Clarence River, New South Wales. 6a, b.
felina vatu Steadman and Cotton, 1943. Suva, Fiji. 6d, g.
felina pauciguttata Hirase, 1934. Japan. 5e.
felina fabula Kiener, 1843. South-East Arabia. 4a, b.
lentiginosa Gray, 1825. Ceylon. 4b, f.

Subfamily MAURITIINAE.

- Mauritia* Troschel, 1863. *Cypraea mauritiana* Linné, 1758.
mauritiana mauritiana Linné, 1758. Mauritius. 4d, e, f.
mauritiana regina Gmelin, 1791. West Malaysia. 5a, b, c, d, f.
mauritiana calzequina Melvill and Standen, 1899. Central Pacific. 6a, c, d, e, g
 (pl. 12, fig. 12).
Trona Jousseaume, 1884. *Cypraea stercoraria* Linné, 1758.
stercoraria Linné, 1758. Gulf of Guinea. 3b.
 = *conspurcata* Gmelin, 1791.
 = *rattus* Lamarck, 1810.
Arabica Jousseaume, 1884. *Cypraea arabica* Linné, 1758.
arabica arabica Linné, 1758. Straits of Sunda. 5a, b, c.
 = *intermedia* Gray, 1824.
arabica asiatica Schilder and Schilder, 1939. Formosa. 5d, e.
arabica westralis Iredale, 1935. Western Australia. 5f. 6a.
arabica dilacerata Schilder and Schilder. Bay of Bengal. 4f.
arabica imamis Schilder and Schilder. Madagascar. 4e.
arabica histrio Gmelin, 1791. Friendly Islands. 6c, d, e, g. (pl. 12, fig. 1).
 = *arlequina* Mörch, 1852.
 = *reticulata* Martyn, 1784. (not binomial).
 = *maculifera* Schilder, 1932.
eglantina eglantina Ducloux, 1833. ("California", error) Polynesia. 6g.
eglantina momokiti Steadman and Cotton, 1943. Suva, Fiji. 6c, d, e.
eglantina couturieri Vayssière, 1905. Philippine Islands. 5b, c, d.
eglantina perconfusa Iredale, 1935. Western Australia. 5f. 6a.
eglantina grayana Schilder, 1930. Red Sea. 4b, e, f.
eglantina niger Roberts, 1885. New Caledonia.
scurra scurra Gmelin, 1791. Amboina. 5a, b, c, d, f. 6a.
 = *indica* Gmelin, 1791.
 = *amarata* Mörch, 1852.
scurra argiolus Bolten, 1798. Mauritius. 4e, f.
 = *indica* Sowerby, 1836.
scurra antelia Iredale, 1939. Lady Elliot Island, Queensland. 6a.
scurra vono Steadman and Cotton, 1943. Suva, Fiji. 6c, d.
 = *retifera* Menke, 1829. *Nom nud*, 1829.

depressa depressa Gray, 1824. Central Pacific. 5f. 6a, c, d, e, f, g. (pl. 12, fig. 5).

= *intermedia* Redfield, 1847.

= *gillei* Jousseaume, 1893.

depressa dispersa Schilder and Schilder, 1939. Indian Ocean. 4a, f.

Subfamily EROSARIINAE.

Erosaria Troschel, 1863. *Cypraea erosa* Linné, 1758.

erosa erosa Linné, 1758. Mauritius. 4e, f.

= *similis* Gmelin, 1791.

= *subalba* Smith, 1912.

= *miliaris* Gmelin, 1791.

erosa phagedaina Melvill, 1888. Central Malaysia. 5a, b, c, d, e, f, g, h.

erosa chlorizans Melvill, 1888. Central Melanesia. 6c, d, e, f. (pl. 13, fig. 1-3).

= *lactescens* Dautzenberg-Bouge, 1933.

erosa kauilani Kenyon, 1900. Hawaii. 6h.

erosa purissima Vredenburg, 1919. Queensland. 6a, b.

nebrites nebrites Melvill, 1888. Red Sea. 4a, b.

nebrites ceylonica Schilder and Schilder, 1939. India. 4f.

nebrites mozambicana Schilder and Schilder, 1939. South-East Africa. 4d.

ocellata Linné, 1758. Ceylon. 4a, b, e, f.

marginalis marginalis Dillwyn, 1817. South-East Africa. 4c, d.

= *listeri* Gray, 1825.

marginalis pseudocellata Schilder and Schilder, 1939. South-East Arabia. 4a.

inocellata inocellata Gray, 1825. Japan. 5e.

inocellata diversa Kenyon, 1902. Sharks Bay. 5f.

inocellata metavona Iredale, 1935. Queensland. 6a, b.

inocellata differens Schilder, 1927. Central Malaysia. 5a, b, c, d.

= *brevis* Smith, 1913, preoccupied.

= *effossa* Schilder, 1937.

lamarckii lamarckii Gray, 1825. South-East Africa. 4d, e.

lamarckii redimita Melvill, 1888. Gulf of Bengal. 4e, f.

guttata Gmelin, 1791. Central Melanesia. 6c.

= *brocktoni* Iredale, 1930.

turdus turdus Lamarck, 1810. Southern Red Sea. 4a.

= *ovata* Perry, 1811.

= *distinguenda* Schilder, 1927.

turdus pardalina Dunker, 1852. Gulf of Suez. 4a.

= *pyriformis* Sowerby, 1870.

turdus zanzibarica Sullioti, 1911. South East Africa. 4d.

turdus winckworthi Iredale, 1939. Gulf of Oman. 4b.

Ravitrona Iredale, 1930. *Cypraea caputserpentis* Linné, 1758.

caputserpentis caputserpentis Linné, 1758. Mauritius. 4d, e, f.

caputserpentis reticulum Gmelin, 1791. South-West Malaysia. 5a, b, c.

caputserpentis mikado Schilder and Schilder, 1939. Japan. 5e.

caputserpentis kenyonae Schilder and Schilder, 1919. Western Australia. 5f.

caputserpentis caputanguis Philippi, 1849. Sandwich Islands. 6h.

= *caputophidii* Schilder, 1927.

caputserpentis argentata Dautzenberg-Bouge, 1933. Central Pacific. 6a, b, c, d, e, g.

= *caputcolubri* Kenyon, 1898.

- caputdraconis* Melvill, 1888. Easter Island. 6g.
labrolineata labrolineata Gaskoin, 1848. East Malaysia. 5b, c, d, e.
 = ? *flaveola* Linné, 1758. Unidentifiable.
labrolineata helenae Roberts, 1869. New Caledonia. 6c.
labrolineata nashi Iredale, 1931. New South Wales. 6b.
labrolineata maccullochi, Iredale, 1939. Queensland. 6a.
labrolineata nasese, Steadman and Cotton, 1943. Suva, Fiji. 6d. (pl. 10, fig. 4-6).
tomlini tomlini Schilder, 1930. South Melanesia. 6a, b, c.
tomlini prodiga Iredale, 1939. Newcastle, New South Wales. 6b.
cernica cernica Sowerby, 1870. South-East Lemuria. 4e.
cernica percomis Iredale, 1931. New South Wales. 6b.
citrina Gray, 1825. Natal. 4c, d.
gangranosa gangranosa Dillwyn, 1817. South Malaysia. 4b, c, d.
gangranosa reentsii Dunker, 1852. Maldiv Islands. 4a, d, e, f.
boivini Kiener, 1843. Central Malaysia. 4b, c, d, e.
 = *amoena* Schilder, 1927.
albuginosa albuginosa Gray, 1825. North-West Mexico. 1a, b.
albuginosa nariaeformis Schilder, 1930. Galapagos. 1c.
spurca spurca Linné, 1758. Mediterranean. 3d, e.
 = *lunata* Fischer, 1807.
spurca acicularis Gmelin, 1791. Caribbean Sea. 2a, b.
spurca santaehelenae Schilder, 1930. Ascension. 3a.
spurca atlantica Monterosato, 1897. Guinea. 3b, c.
 = *verdensium* Melvill, 1888.
helvola helvola Linné, 1758. Maldiv Is. 4f. 5a, b, c, d, e.
helvola citrinicolor Iredale, 1935. North-West Australia. 5f.
helvola callista Shaw, 1909. Polynesia. 6a, c, d, e, f, g.
 = *agassizi* Ladd, 1934.
helvola hawaiiensis Melvill, 1888. Hawaii. 6h.
 = *ostergaardi* Dall, 1921.
helvola mascarena Melvill, 1888. North Madagascar. 4e.
 = *chalcedonia* Perry, 1811.
helvola argella Melvill, 1888. East Africa. 4d.
helvola meridionalis Schilder and Schilder, 1939. Natal. 4c.
poraria poraria Linné, 1758. Amboina. 4e, f. 5a, b, c, d, e.
poraria scarabaeus Bory, 1827. Central Pacific. 6c, d.
poraria theoreta Iredale, 1939. New South Wales. 6a, b, c.
wilhelmina Kenyon, 1897. Western Australia. 5f.
Pseudozonaria Schilder, 1927. *Cypraea arabicula* Lamarck, 1810.
arabicula Lamarck, 1810. Gulf of Panama. 1a, b.
 = *gemmula* Weinkauff, 1881.
robertsi Hidalgo, 1806. Gulf of Panama. 1a, b.
 = *punctulata* Gray, 1824.
nigropunctata Gray, 1828. Galapagos. 1c.
 = *irina* Kiener, 1843.
Monstaria Troschel, 1863. *Cypraea moneta* Linné, 1758.
 = *Aricia* Broderip, 1837.
moneta moneta Linné, 1758. Maldiv Islands. 4f. 5a, f.
moneta rhomboides Schilder and Schilder, 1933. East Malaysia. 5b, c, d, e.
moneta barthelemyi Bernardi, 1861. New Caledonia. 6c.
 = *tuberculosa* Quoy and Gaimard, 1834.
moneta endua Steadman and Cotton, 1943. Suva, Fiji. 6d.

- moneta monetoides* Iredale, 1939. Samoa. 6d.
 = *moneta erua* Steadman and Cotton, 1943.
moneta etolu Steadman and Cotton, 1943. Suva, Fiji. 6d. (pl. 13, fig. 4-6).
moneta mercatorium Rochebrune, 1884. Samoa. 6d.
 = *ethnographica* Rochebrune, 1884.
moneta harrisi Iredale, 1939. Luma. 6d.
moneta isomeres Iredale, 1939. Queensland. 6a.
moneta icterina Lamarck, 1810. East Africa. 4d, e.
 = *gibbosa* Schröter, 1804.

- Ornamentaria* Schilder and Schilder, 1936. *Cypraea annulus* Linné, 1758.
annulus annulus Linné, 1758. Amboina. 5a, b, c, d, e.
 = *harmandiana* Rochebrune, 1884.
annulus noumeensis Marie, 1869. New Caledonia. 6a, b, c, d, e, f, g, h.
 = *sosokoana* Ladd, 1934.
annulus dranga Iredale, 1939. Samoa. 6d.
annulus scutellum Schilder and Schilder, 1937. Northern Lemuria. 4e, f. 5f.
annulus camellorum Rochebrune, 1884. Madagascar. 4d, e.
obvelata Lamarck, 1810. New Caledonia. 6c, d, g, h.
 = *perrieri* Rochebrune, 1884.

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- Cypraea* Linné, 1758. *Cypraea tigris* Linné, 1758.
tigris tigris Linné, 1758. Madagascar. 4d, e, f. 5a, b, c, d, e, f.
 = *pardalis* Shaw, 1795.
 = *lyncichroa* Melvill, 1888.
tigris volai Steadman and Cotton, 1943. Suva, Fiji. 6a, c, d, e, f, g, h. (pl. 12, fig. 2).
tigris amboolee Steadman and Cotton, 1943. Suva, Fiji. 6d. (pl. 12, fig. 15).
Pantherinaria Sacco, 1890. *Cypraea pantherina* Solander, 1786.
pantherina Solander, 1786. Red Sea. 4a.
 = *vinosa* Gmelin, 1791.
 = *obtusa* Perry, 1811.
 = *tigrina* Lamarck, 1822.
 = *catulus* Schilder, 1924.
Lyncina Troschel, 1863. *Cypraea lynx* Linné, 1758.
lynx lynx Linné, 1758. Madagascar. 4d, e, f. 5a, b, c, d, e, f.
 = *vanelli* Linné, 1758.
 = *michaelis* Melvill, 1905.
lynx caledonica Crosse, 1869. New Caledonia. 6a, b, c.
lynx pacifica Steadman and Cotton, 1943. Suva, Fiji. 6d, e, g, h. (pl. 12, fig. 9).
lynx williamsi Melvill, 1888. Red Sea. 4a, b.
Mystaponda Iredale, 1930. *Cypraea vitellus* Linné, 1758.
vitellus vitellus Linné, 1758. Sunda, Asia. 5a, b, c, d, e, f.
 = *distorta* Cox, 1889, preoccupied.
vitellus polynesiae Schilder and Schilder, 1939. Fiji. 6c, d, e, f, g, h. (pl. 12, fig. 7).
vitellus dama Perry, 1811. East Africa. 4d, e, f.
 = *vitellus sarcodes* Melville, 1888.
vitellus orcina Iredale, 1931. Sydney Harbour. 6a, b.
camelopardalis Perry, 1811. Red Sea. 4a.
 = *melanostoma* Sowerby, 1825.

- nivosa* Broderip, 1827. Mauritius. 4e, f.
 = *dama* Gray, 1828.
broderipii Sowerby, 1832. Madagascar. 4d, e.
leucodon Broderip, 1828. S. Africa. 4c.
- Leporicypraea* Iredale, 1930. *Cypraea mappa* Linné, 1758.
mappa mappa, Linné, 1758. Amboina. 5a, b, c, d, e, f. 6a, c.
 = *geographica* Schilder and Schilder, 1933.
mappa viridis Kenyon, 1902. 6c.
mappa rewa, Steadman and Cotton, 1943. Suva, Fiji. 6d, e, g. (pl. 12, fig. 10).
mappa alga Perry, 1811. Mauritius ("Cape of Good Hope", error). 4a, c, f.
 = *rosea* Gray, 1824.
 = *subsignata* Melvill, 1888.
valentia Perry, 1811. Amboina. 5b.
 = *princeps* Gray, 1824.
- Callistocypraea* Schilder, 1927. *Cypraea aurantium* Gmelin, 1791.
aurantium aurantium Gmelin, 1791. Loyalty Islands. 6c, e, f.
aurantium turanga Steadman and Cotton, 1943. Nadroga, Fiji. 6d, g. (pl. 12, fig. 4).
- Ponda* Jousseaume, 1884. *Cypraea ventriculus* Lamarck, 1810.
ventriculus ventriculus Lamarck, 1810. Annaa Island. 6g, h.
 = *achatina* Perry, 1811.
ventriculus topee Steadman and Cotton, 1943. Kadavu, Fiji. 6c, d, e. (pl. 12, fig. 8).
carneola carneola Linné, 1758. Amboina. 5b, c, d, e.
carneola propinqua Garret, 1879. Paumotu Islands. 6c, d, e, f, g, h. (pl. 12, fig. 14).
 = *leviathan* Schilder and Schilder, 1937.
carneola thepalea Iredale, 1939. New South Wales. 6a, b.
carneola sowerbyi Anton, 1839. Mauritius. 4e, f. 5a, f.
 = *loebbeckeana* Weinkauff, 1881.
carneola crassa Gmelin, 1791. Red Sea. 4a.
sulcidentata Gray, 1824. Hawaii. 6h.
schilderorum Iredale, 1939. Annaa Island. 6d, e, g, h.
 = *arenosa* Gray, 1824. Not Dillwyn, 1823.
tessellata Swainson, 1822. Hawaii. 6h.

SUMMARY.

The Cypraeidae may be arranged into thirteen subfamilies, and sixty-one genera. The species numbering about one hundred and seventy are mostly readily formed into a complex of subspecies inhabiting definite geographical regions.

It is hoped that this work will stabilize the nomenclature and solve some problems associated with the family Cypraeidae.

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EXPLANATION OF PLATES.

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- Fig. 1-3. *Pustularia cicercoula jennisoni* Steadman and Cotton. Holotype. $\times 2.8$. Taveuni, Fiji.
 Fig. 4-6. *Evenaria ursellus vitiensis* Steadman and Cotton. Holotype. $\times 3.5$. Suva, Fiji.
 Fig. 7-9. *Evenaria hirundo korolevu* Steadman and Cotton. Holotype. $\times 3.6$. Korolevu, Fiji.

Plate ix.

- Fig. 1-3. *Paulonaria minoridens suvaensis* Steadman and Cotton. Holotype. $\times 4.7$. Suva, Fiji.
 Fig. 4-6. *Erronea nimisserans vivili* Steadman and Cotton. Holotype. $\times 2.7$. Suva, Fiji.
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Plate x.

- Fig. 1-3. *Bistolida stolidia thakan* Steadman and Cotton. Holotype. $\times 2.2$. Suva, Fiji.
 Fig. 4-6. *Ravitrona labrolineata nasese* Steadman and Cotton. Holotype. $\times 3.7$. Suva, Fiji.
 Fig. 7-9. *Palmadusta lutea yaloka* Steadman and Cotton. Holotype. $\times 2.8$. Nadroga, Fiji.

Plate xi.

- Fig. 1-3. *Erronea erronea bartletti* sp. nov. Holotype. $\times 1.3$. Rossell Island, New Guinea.
 Fig. 4-6. *Guttacypraea euclia* sp. nov. Holotype. $\times 2.2$. Eucla, W.A., 100 fathoms.
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Plate xii.

- Fig. 1. *Arabica arabica histrio* Gmelin. $\times 0.4$. Suva, Fiji.
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- Fig. 1. *Erosaria erosa chlorizans* Melvill, dorsal view of shell. $\times 0.7$.
 Fig. 2. *Erosaria erosa chlorizans* Melvill, dorsal view of animal and shell. $\times 0.7$.
 Fig. 3. *Erosaria erosa chlorizans* Melvill. Ventral view of shell. $\times 0.7$.
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 Fig. 9. *Erronea nimisserans kalavo* Steadman and Cotton. Ventral view of shell. $\times 1$.
 Fig. 10. *Albacypraea eburnea* Barnes. Lateral view of animal and shell. $\times 0.9$.
 Fig. 11. *Albacypraea eburnea* Barnes. Dorsal view of shell. $\times 0.9$.
 Fig. 12. *Albacypraea eburnea* Barnes. Ventral view of shell. $\times 0.9$.
 Fig. 13. *Albacypraea eburnea* Barnes. Dorsal view of animal and shell. $\times 0.9$.



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