

XXVIII REPORT ON A COLLECTION OF
MOLLUSCA FROM THE OUTSKIRTS
OF CALCUTTA.

By H. B. PRESTON, F.Z.S.

Class GASTROPODA.

Order PULMONATA.

Suborder GEHYDROPHILA.

Family AURICULIDAE.

Scarabus plicata, Fér.

Prodrome, p. 101.

Chingrighatta, outskirts of Calcutta.

Order PROSOBRANCHIATA.

Suborder PECTINIBRANCHIATA.

Family NASSIDAE.

Nassa denegabilis, Preston.

Rec. Ind. Mus., X, 1914, pp. 297-298.

Canal near Chingrighatta, outskirts of Calcutta (a single young specimen).

Nassa orissaënsis, Preston var. **ennurensis**, Preston. (MS.)

Canal near Chingrighatta, outskirts of Calcutta (a single specimen).

Nassa fossae, sp. n.

Shell allied to *N. orissaënsis*, Preston, but differing from that species in its larger size as compared with the type and both larger size and much broader form as compared with the above variety; the subperipheral band is of a whitish colour and the spiral lirae are considerably coarser and very much more numerous, the aperture is much broader and the columella margin is distinctly curved; it is 6 whorled.

Alt. 9.5, diam. maj. 5.5, diam. min. 4.5 (nearly) mm.

Aperture: alt. 4, diam. 2.75 mm.

Hab.—Canal near Chingrighatta, outskirts of Calcutta.

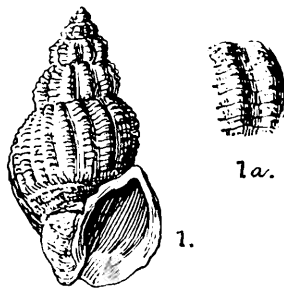


FIG. 1.—*Nassa fossae*, sp. n., × 3.
,, 1a.— *do.*, sculpture, × 6.

Family TIARIDAE.

Tiara (Striatella) tuberculata (Müller).*Hist. Verm.* 1774 (as *Nerita*).

Canal near Chingrighatta, outskirts of Calcutta (a small form).

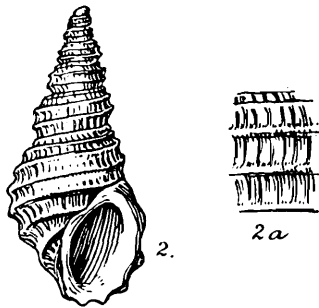
Tiara (Tarebia) lineata (Gray).Wood., *Index Test. Supp.*, 1828, fig. 68 (as *Helix*).

Canal near Chingrighatta, outskirts of Calcutta.

Family RISSOIDAE.

Iravadia princeps, sp. n.

Shell imperforatè, elongately fusiform, in dead condition whitish; whorls 7, the first smooth, submammillary, the remainder sculptured with fine, acute, regular and slightly distant, spiral lirae, the interstices being occupied by very fine, transverse riblets; suture impressed; columella margin porcellanous, narrowly outwardly expanded and reflexed, continuous with the labrum which is varicosely thickened, bevelled behind and rather markedly angled at each termination of the spiral lirations,

FIG. 2.—*Iravadia princeps*, sp. n.,
× 6.,, 2a.— *do.*, sculpture, × 15.

aperture a little oblique, rather broadly ovate

Alt. 6.5, diam. maj. 3, diam. min. 2.25 mm.

Aperture: alt. 2, diam. 1.5 mm.

Hab.—Canal near Chingrighatta, outskirts of Calcutta.

Family ASSIMINEIDAE.

Assiminea francesiae, Wood.*Ind. Test. Supp.*, 1828; *A. fasciata*, Benson, *Zool. J.*, 1835, p. 463.

Canal near Chingrighatta, outskirts of Calcutta.

Family NERITIDAE.

Septaria crepidularia, Lamarck.*Anim. s. vert.*, VI, 2, 1822.

Canal near Chingrighatta, outskirts of Calcutta.

Septaria depressa (Reeve).*Con. Icon., Neritina*, 1855, sp. 86, pl. xviii, figs. 86a, b.

Canal near Chingrighatta, outskirts of Calcutta.

The above two species seem to the author to be very doubtfully separable.

Class LAMELLIBRANCHIATA.

Order TETRABRANCHIA.

Suborder MYTILACEA.

Family MYTILIDAE.

Brachydontes emarginata (Reeve).*Con. Icon., Modiola*, 1858, sp. 60, pl. x, fig. 73.

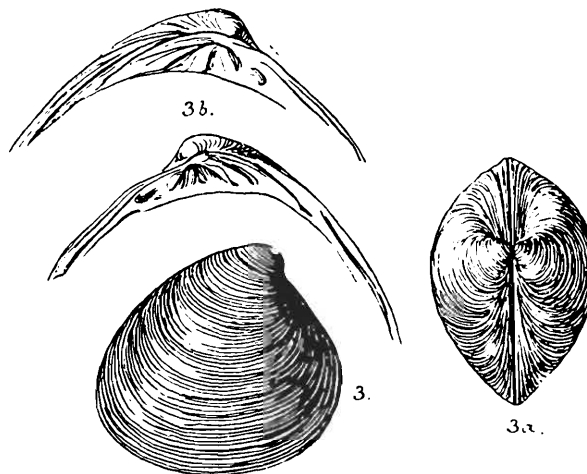
Canal near Chingrighatta, outskirts of Calcutta.

Suborder CONCHACEA.

Family VENERIDAE.

Sinodia jukes-browniana, sp. n.

Shell irregularly trigonal, inflated, yellowish-white, both valves closely concentrically ridged throughout; umbones small, curved



FIGS. 3, 3a.—*Sinodia jukes-browniana*, sp. n. (nat. size).
 " 3b.— " " " " hinge, $\times \frac{1}{2}$.

inwards, not prominent; lunule large, cordiform; dorsal margin sharply arched; ventral margin anteriorly slopingly rounded, posteriorly gently rounded; anterior side sloping above, rather sharply rounded in the median part; posterior side slightly produced below, steeply sloping and very gently rounded above; teeth in both valves normal; interior of shell pinkish, shading to pure white towards the ventral, anterior and posterior margins.

Long. 27.5, lat. 25.5 mm.

Hab.—Canal near Chingrighatta, outskirts of Calcutta.

Family CYRENIDAE.

Cyrena bengalensis, Lamk.

Anim. s. vert., Cyrena, 10.

Salt Lakes near Chingrighatta, Calcutta.

Order *DIBRANCHIA*.

Suborder *TELLINACEA*.

Family *TELLINIDAE*.

***Macoma gubernaculum*, Hanley.**

Proc. Zool. Soc., 1844, p. 142.

Canal near Chingrighatta, outskirts of Calcutta.

Suborder *ANATINACEA*.

Family *CUSPIDARIIDAE*.

***Cuspidaria annandalei*, Preston.**

Rec. Ind. Mus., XI, 1915, p. 308.

Canal near Chingrighatta, outskirts of Calcutta.

Family *ANATINIDAE*.

***Anatina induta*, sp. n.**

Shell small, oblong, cuneiform, gaping anteriorly, thin, whitish, covered by a very thin, transparent, very pale brownish periostracum, smooth, but for somewhat distant, concentric growth lines; umbones small, somewhat flattened, dorsal margin gently arched; ventral margin almost straight, a little contracted in the median part; anterior side rounded; posterior side produced, sharply rounded, wedge-like.



4.

FIG. 4.—*Anatina induta*,
sp. n., × 6.

Long. 4, lat. 8.75 mm.

Hab.—Canal near Chingrighatta, outskirts of Calcutta.