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THE
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VOL. XII.

DESCRIPTIONS OF NEW SPECIES OF MARINE SHELLS
FROM CEYLON.

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

(Plates i and ii.)

THE species forming the subject matter of the present paper were included in that portion of the collection of the late Mr. Hugh Nevill, which was secured by me after its recent disposal; this collection was especially rich in material from Ceylon, and I have every reason to believe that all the species now in question were collected in that island.

***Tornatina tenuistriata*, n. sp.**

Pl. i, figs. 1—1a.

Shell elongate cylindrical, spire conical, semipellucid, white, protoconch sinistral and turned upon its side; whorls 3, exclusive of the protoconch, very finely spirally striate; suture deeply channelled; aperture elongate, narrow above, dilated at the base; peristome thin, somewhat contracted towards the centre, slightly expanding outwards at the base; columella descending in a curve and bearing a single plait.

Alt. 4.5 millim.; diam. maj. 1.5. Aperture, alt. 3 millim.; diam. maj. .5.

Hab.—Ceylon.

***Retusa serendibensis*, n. sp.**

Pl. i, fig. 2.

Shell cylindrical, semipellucid, marked longitudinally with somewhat opaque lines of growth, and finely spirally striate throughout; aperture curved, narrow above, dilated at the base; peristome rounded above and produced beyond the apex, slightly contracted in the middle; columella descending in a curve.

Alt. (including outer lip) 3 millim.; diam. maj. 1.25. Aperture, alt. 3 millim.; diam. maj. .5.

Hab.—Ceylon.

purple; whorls 10, somewhat inflated, transversely costate, the costae becoming much weaker on the body whorl and only reaching to the periphery, spirally striate giving the shell a cancellated appearance; suture impressed, reticulate; peristome simple; aperture oval.

Alt. 1 millim.; diam. maj. 1.25. Aperture, alt. .5

Hab.—Ceylon.

***Eulima exasperata*, n. sp.**

Pl. ii, fig. 23.

Shell elongately fusiform, dirty-white; somewhat pellucid; whorls 10, smooth, shining, rather flat, the apical whorls slightly curved; suture impressed; peristome simple; aperture oval.

Alt. 3 millim.; diam. maj. 1. Aperture, alt. .5 millim.

Hab.—Ceylon.

***Eulima indica*, n. sp.**

Pl. i, fig. 24.

Shell elongate fusiform, very solid, smooth, polished, milky white; whorls 12, flattened; suture impressed; aperture oval; columella curved.

Alt. 6 millim.; diam. maj. 2. Aperture, alt. 1.5 millim.; diam. .5.

Hab.—Ceylon.

***Pyramidella (Osella) mirabilis*, n. sp.**

Pl. ii, fig. 25.

Shell elongate fusiform, thin, dirty white; whorls 6—7, channelled, spirally lirate, the upper whorls bearing a thick, smooth, annular spiral ridge just below the suture and two coarse spiral lirae below this ridge; suture impressed; aperture oval; peristome simple, curved inwards at the point where it reaches the channelled portion of the whorl; columella somewhat arched and bearing a single plait.

Alt. 4 millim.; diam. maj. 1.5. Aperture, alt. .5 millim.

Hab.—Galle, Ceylon.

***Pyramidella (Oscilla) suburbana*, n. sp.**

Pl. ii, fig. 26.

Shell elongate fusiform, pale brownish-yellow; whorls 7—8, rather flattened, sculptured with three spiral lirae on the middle whorls increasing to seven on the body-whorl; peristome simple; aperture ovate; columella arched and expanded outwards below, bearing a strong plait above.

Alt. 3.5 millim.; diam. maj. 1.5. Aperture, alt. .5 millim.

Hab.—Kalpetti (a suburb of Colombo), Ceylon.

***Pyramidella (Mormula) humilis*, n. sp.**

Pl. ii, fig. 27.

Shell elongate fusiform, white; whorls 8—9, somewhat coarsely transversely costate and spirally striate giving the shell a finely cancellated appearance; suture impressed; peristome simple; aperture ovate; columella twisted.

Alt. 4.75 millim.; diam. maj. 1.5. Aperture, alt. .5 millim.

Hab.—Ceylon.

***Pyramidella (Actaeopyramis) ceylanica*, n. sp.**

Pl. ii, figs. 28—28a.

Shell elongate, white, thin, transparent; whorls 10—11, rather flattened, sculptured with opaque coarse spiral striae and finely cancellated by very fine transverse striae; suture well impressed; peristome simple; aperture oval, somewhat elongated; columella plait oblique.

Alt. 10 millim.; diam. maj. 2.25. Aperture, alt. 2 millim.; diam. 1.

Hab.—Kandakulli, Ceylon.

***Pyramidella (Actaeopyramis) sykesi*, n. sp.**

Pl. ii, fig. 29.

Shell elongate, tapering, transparent white; whorls 8—9, flattened, sculptured with fine spiral grooves intersected by very fine transverse striae giving the surface of the shell an almost punctate appearance; suture impressed; peristome thin; aperture elongate oval; columella slightly curved.

Alt. 6 millim.; diam. maj. 1.5. Aperture, alt. 1.5 millim.; diam. .5.

Hab.—Ceylon.

***Pyramidella (Actaeopyramis) suavissima*, n. sp.**

Pl. ii, fig. 30.

Shell elongate cylindrical, thin, white; whorls 7, spirally striate and cancellated by very fine transverse striae; suture deep; peristome simple; aperture oval.

Alt. 3.5 millim.; diam. maj. 1.25. Aperture, alt. .5 millim.

Hab.—Kandakulli, Ceylon.

***Turbonilla coeni*, n. sp.**

Pl. ii, fig. 31.

Shell elongate, thin, dirty-white; whorls 12—13, flattened, closely costate; suture impressed; peristome simple; aperture oval; columella straight.

Alt. 5 millim.; diam. maj. .75. Aperture, alt. .25 millim.

Hab.—Kandakulli, Ceylon.

***Turbonilla sinhila*, n. sp.**

Pl. ii, figs. 32—32a.

Shell elongate, whitish; whorls 10, costate, the costae on the last whorl much finer and more numerous than on the whorls above; suture well impressed; peristome simple; aperture oval; columella descending obliquely.

Alt. 3.75 millim.; diam. maj. 1.

Hab.—Kandakulli, Ceylon.

***Turbonilla (?) princeps*, n. sp.**

Pl. ii, fig. 33.

Shell elongate fusiform, bright yellow, ornamented with a rich reddish-brown band just below the suture, and appearing on the body-whorl well below the periphery; whorls 10—11, flattened, very finely costate and bearing traces

of microscopic spiral striae; suture scarcely impressed; aperture auriform; columella fold fairly well developed.

Alt. 8 millim.; diam. maj. 2.25. Aperture, alt. 1.5 millim.; diam. .75.
Hab.—Ceylon.

***Gena ziczae*, n. sp.**

Pl. ii, figs. 34a–34d.

Shell haliotoid, oval, polished, yellowish pink, painted with zigzag flame markings and blotches of reddish-brown, and bearing a regular line of oblong dark-brown blotches at the periphery; whorls 3–4, sculptured with fine radiating lines of growth and spiral striae which become coarser at the base; interior of shell iridescent, the spiral striae showing very plainly; suture shallow; peristome simple; columella arcuate; aperture oblong ovate.

Alt. 9 millim.; diam. maj. 5. Aperture, alt. 5.5 millim.; diam. 4.

Hab.—Ceylon.

***Callista (Callocardia) blrtsi*, n. sp.**

Pl. ii, fig. 35.

Shell rather thin, ovate, white, concentrically sculptured with fine regular striae; extremities of umbones tinged with very pale pink; anterior side produced; posterior side somewhat obtuse.

Alt. 28 millim.; length 34.5.

Hab.—Ceylon.

***Cultellus (Ensieulus) maculatus*, n. sp.**

Pl. ii, fig. 36.

Shell thin, elongated, strongly curved, pale flesh-colour, irregularly blotched and spotted with white, and covered with a thin, brown, periostracum; anterior margin rounded and bent outwards; posterior margin somewhat obtuse.

Alt. 11 millim.; length 38.

Hab.—Ceylon.

***Gastrana (Metis) bridgmani*, n. sp.**

Pl. ii, fig. 37.

Shell white, oblong ovate, sculptured with fine, concentric, rather irregular striae; left valve much depressed towards the centre, anteriorly flexuous; right valve less depressed; anterior side descending abruptly at an obtuse angle; posterior side rather attenuated, rounded, umbones small.

Alt. 25 millim.; length 29.5.

Hab.—Ceylon.

***Anatina smithi*, n. sp.**

Pl. ii, fig. 38.

Shell elongate, thin, yellowish-white, concentrically striated with somewhat irregular lines of growth; anterior side slightly attenuated, rounded, gaping; posterior side rounded, moderately gaping.

Alt. 20 millim.; length 38.

Hab.—Ceylon.

DESCRIPTIONS OF TWO NEW SPECIES OF
DIPLOMMATINA FROM CEYLON.

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

(Plate ii, figs. 39, 40).

***Diplommatina (Nleida) lankaensis*, n. sp.**

Pl. ii, fig. 39.

Shell dextral, pyramidal, somewhat transparent, pale horn colour; whorls 8, rather coarsely spirally striate throughout, the penultimate whorl being narrower than the antepenultimate; suture impressed; umbilicus broad; peristome continuous, slightly reflexed, reddish-brown, irregular; aperture subcircular.

Alt. 3 millim.; diam. maj. 2. Aperture, alt. 1 millim.; diam. .75.

Hab.—Kinidun, Ceylon.

***Diplommatina (Nleida) delectabilis*, n. sp.**

Pl. ii, fig. 41.

Shell dextral, sub-ovate, pale horn colour; whorls 7, very finely spirally striate, the antepenultimate whorl much inflated, the body-whorl ascending gradually so as to finally cover the penultimate whorl just behind the peristome; suture impressed; umbilicus narrow; peristome continuous, thick, reflexed, reddish-brown, very irregular and projecting above at the point where it overlaps the penultimate whorl; aperture subcircular; columella straight.

Alt. 2 millim.; diam. maj. 1.25. Aperture, alt. .5 millim.

Hab.—Kinidun, Ceylon.

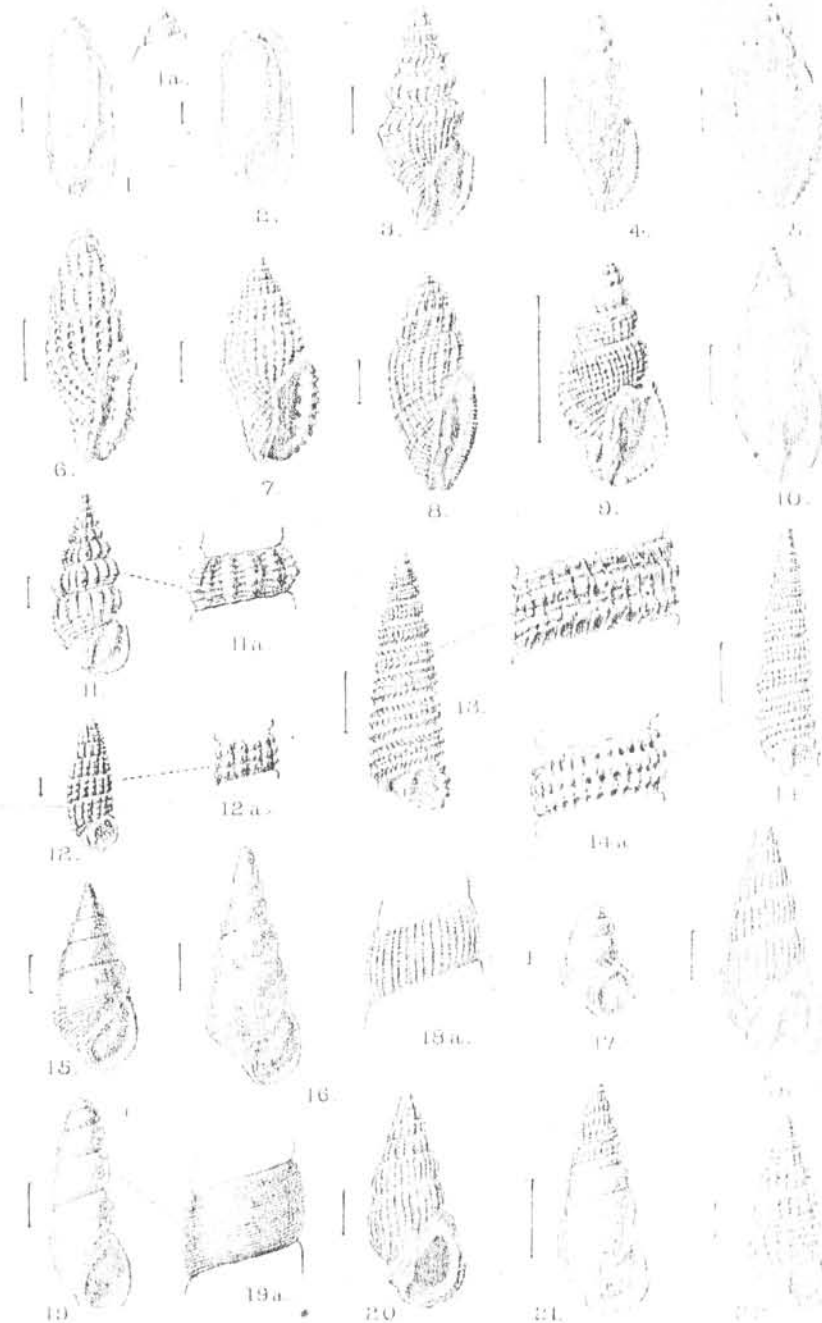
EXPLANATION OF PLATES I and II.

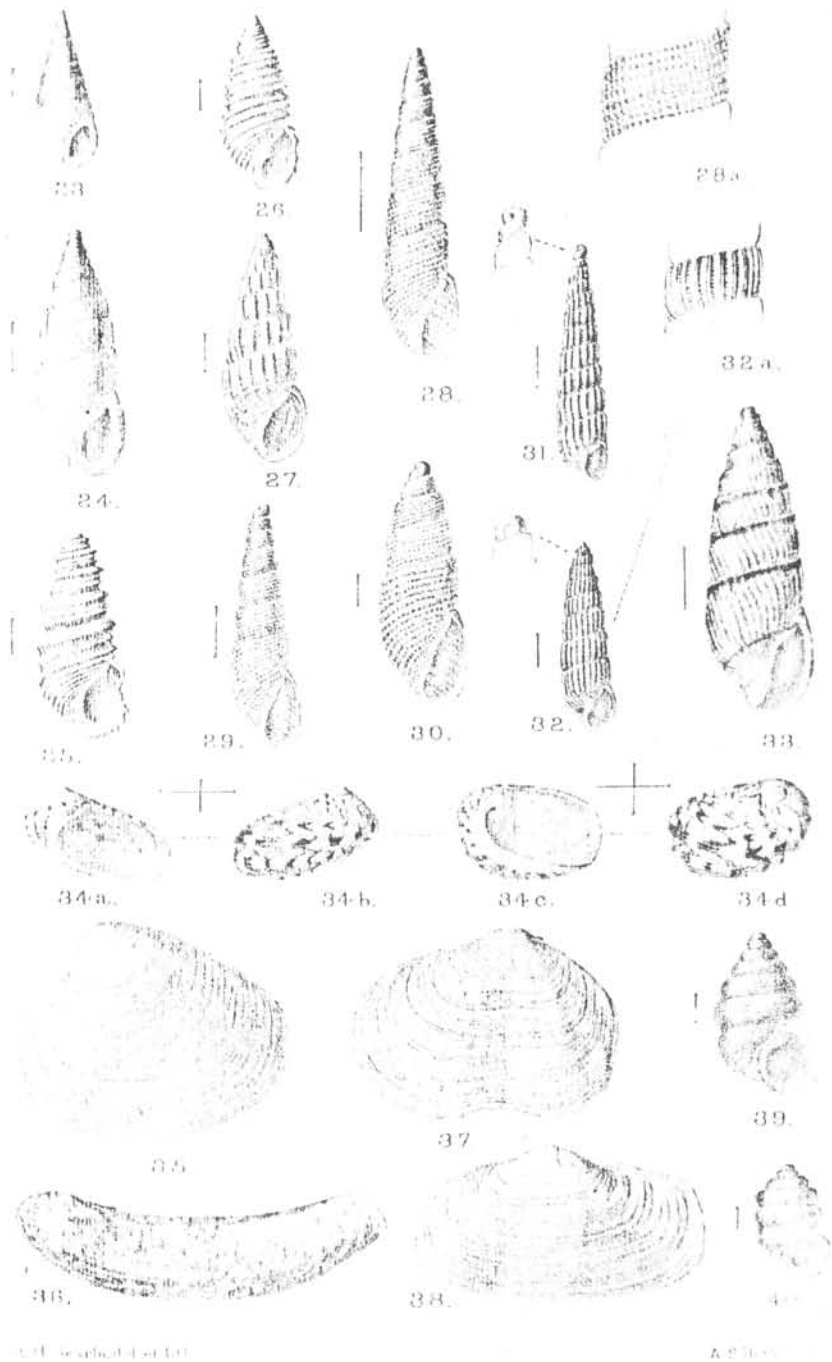
Plate I.

- Figs. 1-1a. *Tornatona tenuistriata*, n. sp.
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 Fig. 4. *Mangilia mangieri*, n. sp.
 Fig. 5. *Mangilia (Glyphostoma) cazieli*, n. sp.
 Fig. 6. *Mangilia (Glyphostoma) ecolorata*, n. sp.
 Fig. 7. *Mangilia (Clathrella) cornicolor*, n. sp.
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 Fig. 39. *Diplommatina (Nucida) lankaensis*, n. sp.
 Fig. 40. *Diplommatina (Nucida) delatubilis*, n. sp.





NEW MARINE SHELLS FROM CEYLON.

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