

VIII.—DESCRIPTIONS OF NEW SPECIES OF  
MARINE AND FRESHWATER SHELLS  
IN THE COLLECTION OF THE  
INDIAN MUSEUM, CALCUTTA.

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

*Bittium insulsum*, sp. nov.

Shell elongately fusiform, narrowly perforate, yellowish white with a broad circular band of pale reddish brown; whorls 9, cancellate with transverse ribs and spiral grooves; aperture oval; peristome simple.

Altitude .. .. 3 mm.

Diam., major .. .. 1 „

Habitat—Galle, Ceylon.

Type in Indian Museum, Calcutta.

*Gottonia andamania*, sp. nov.

Shell conical, very solid, white, strongly keeled at periphery; whorls 5, rather flat, spirally lirate and transversely costate, presenting a somewhat minutely nodilous appearance; sutures impressed, aperture circular; peristome thickened.

Altitude .. .. 2 mm.

Diam., major .. .. 1 „

Habitat—Andaman Islands.

Type in Indian Museum, Calcutta.

*Bithynia pygmæa*, sp. nov.

Shell ovately fusiform, dark olive-brown; whorls  $3\frac{1}{2}$ , convex, smooth; sutures well impressed; aperture oval; peristome simple, continuous; umbilicus narrow; operculum shelly, spiral with central nucleus.

Altitude .. .. 3.25 mm.

Diam., major .. .. 2 „

Aperture, alt. .. .. 1.75 „

„ diam. .. .. 1 „

Habitat—Myetmyo, Burma.

Type in Indian Museum, Calcutta.

*Odostomia pfeifferi*, sp. nov.

Shell fusiform, semi-transparent white; whorls 6, spirally striate; sutures well impressed; aperture elongately, inversely auriform; columella bearing a coarse plait; peristome simple.

Altitude .. .. 1.5 mm.  
 Diam., major .. .. 5 „  
 Habitat—Andaman Islands.

Type in Indian Museum, Calcutta.



FIG. 1.



FIG. 2.

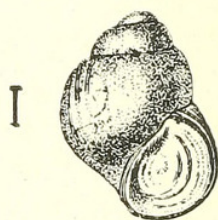


FIG. 3.

FIG. 1.—*Bittium insulsum*, sp. nov.  
 FIG. 2.—*Gottonia andamanica*, sp. nov.  
 FIG. 3.—*Bithynia pygmaea*, sp. nov.

*Miralda gemma*, sp. nov.

Shell oblong ovate, white; whorls 4, somewhat inflated, sculptured on the upper part with coarse costæ, below which appears a spiral liration; lower half of body whorl and base of shell spirally lirate; sutures well impressed; aperture ovate; peristome simple above, somewhat dilated at base.

Altitude .. .. 1.25 mm.  
 Diam., major .. .. 5 „  
 Habitat—Oman.

Type in Indian Museum, Calcutta.

*Limnæa simulans*, sp. nov.

Shell fusiform, brownish horn colour; whorls 5; sutures impressed; umbilicus narrow, partly concealed by the reflexed columella; columella arched, thick, extending into a callus which reaches the lip above; peristome simple; aperture inversely auriform.

Altitude .. .. 7.75 mm.  
 Diam., major .. .. 4.25 „  
 Aperture, alt. .. .. 4 „  
 „ diam. .. .. 2 „  
 Habitat—Pharping, Nepal,



Though the shell itself is of a brownish horn colour, all the specimens before me are covered with a thick blackish coating of some substance, probably of a vegetable nature.

Type in Indian Museum, Calcutta.

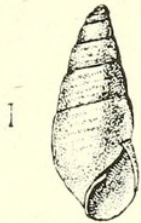


FIG. 4.



FIG. 5.

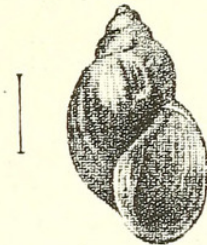


FIG. 6.

FIG. 4.—*Odostomia pfeifferi*, sp. nov.

FIG. 5.—*Mivalda gemma*, sp. nov.

FIG. 6.—*Limnæa simulans*, sp. nov.

*Unio siliguriensis*, sp. nov.

Shell inequilateral, ovate oblong, reddish brown, sculptured with concentric lines of growth and oblique transverse wrinkles, these latter being especially marked posteriorly; anterior side rounded; posterior side acuminate rounded; dorsal margin arched; ventral margin very slightly contracted in the middle; umboes much eroded; interior of shell iridescent, pale bluish white.

Long. . . . . 21 mm.

Lat. . . . . 37° 75'

Habitat—Siliguri, N. Bengal.

Type in Indian Museum, Calcutta.

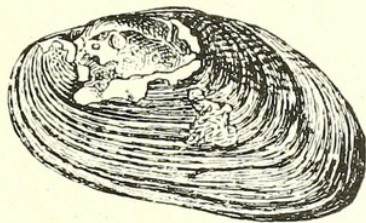


FIG. 7.

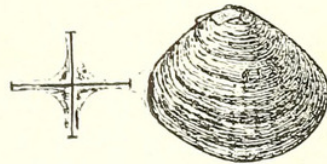


FIG. 8.

FIG. 7.—*Unio siliguriensis*, Preston (type), sp. nov.

FIG. 8.—*Corbicula sylhetica*, Preston, sp. nov.

*Corbicula sylhetica*, sp. nov.

Shell nearly equilateral, tumid, subtrigonal, pale olive-green, sculptured with fine irregular concentric striæ; anterior side rounded;

posterior side somewhat angularly rounded ; lateral margins sloped ; ventral margin rounded, slightly contracted towards the posterior side ; umboes large ; interior of shell purplish white.

Long.            ..            ..    10.5 mm.

Lat.            ..            ..    12    ,,

Habitat—Phenchooganj, Sylhet, Assam.

Allied to *C. irawadica*, Benson, but is more trigonal and more swollen.

Type in Indian Museum, Calcutta.



Preston, H B. 1908. "VIII.—Descriptions of new species of marine and freshwater shells in the Collection of the Indian Museum, Calcutta." *Records of the Indian Museum* 2, 45–48.

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