

XXII. DESCRIPTIONS OF TWO NEW
SHELLS FROM SOUTH INDIA

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Paludomus annandalei, sp. nov.

Shell conoidal, upper whorls eroded, solid, dark olivaceous brown, a paler yellowish brown band appearing at the periphery, above this obscurely painted with regular, transverse, vertical, deep chestnut flammules and below with very oblique flammules of the same colour; remaining whorls about 3, sculptured with revolving, spiral liræ rather coarser just below the sutures and disappearing altogether or becoming obsolete towards the periphery, but re-appearing on the base of the shell, the interstices between the liræ having a somewhat punctate appearance; sutures lightly impressed; columella arched, white and diffused into a minutely granular callus which joins the upper lip and is thickened almost into a nodule above; peristome acute, scarcely serrated; interior of shell bluish white, showing the rows of flammules distinctly; operculum spirally laminiferous, with subcentral nucleus.

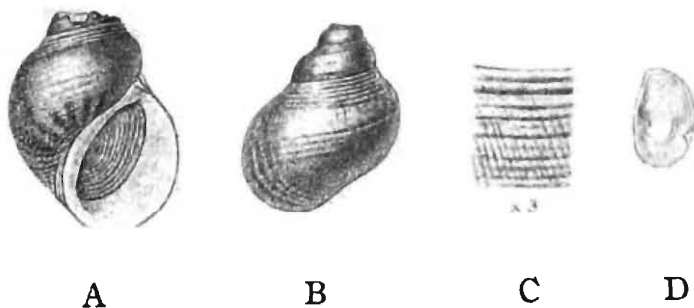


FIG. 1.—A, B, *Paludomus annandalei*, sp. nov.; C, Sculpture of same enlarged; D, operculum of same.

The dimensions of the three specimens taken as the type series are as follows:—

	(1)	(2)	(3)
Altitude	24 mm.	22 mm.	21.5 mm.
Diam., major	18 ,,	17 ,,	16 ,,
Aperture, alt.	16 ,,	13 ,,	12.5 ,,
,, diam.	9.5 ,,	8 ,,	8 ,,

Habitat.—Tenmalai, W. Ghats (W. side), Travancore (rocky mountain stream); N. Annandale coll., November, 1908.

Types in Indian Museum. Regd. No. M. $\frac{4610}{I}$.

Modiola cochinensis, sp. nov.

Shell subtrapezoidal, moderately swollen, brownish black marked with coarse, concentric lines of growth; umbones rather large, prominent; dorsal margin rapidly sloping anteriorly, slightly arched posteriorly; central margin curved; anterior side sharply

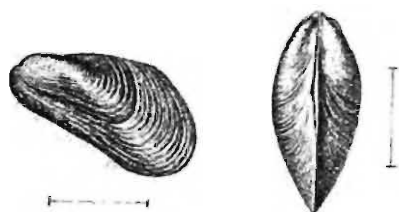


FIG. 2.—*Modiola cochinensis*, sp. nov., $\times 2$.

rounded; posterior side acuminately rounded; interior of shell bronze, nacreous showing faint traces of radiate striation.

Long.	5 mm.
Lat.	10.5 „

Habitat.—Backwater near Cochin (slightly brackish water); N. Annandale coll., November, 1908.

Types in Indian Museum. Regd. No. M. $\frac{4612}{I}$.