

VALLESIA (1)
HEDLEY 1912

(V) 257

815—*vallesia* Hedley, Rec. Austr. Mus., viii., 1912, p. 147, pl. 43, f. 31, and P.L.S.N.S.W., xxxviii., 1913, p. 306. **HEDLEY (7 N.S. WALS)**

DUPPLICARIA VALLESIA Hedley.

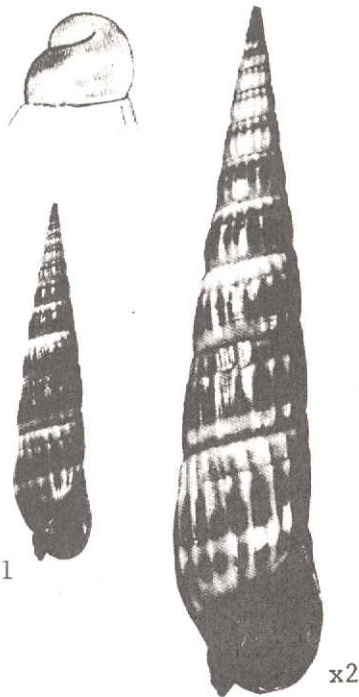
Duplicaria vallesia Hedley, Rec. Austr. Mus., viii., 1912, p. 147, Pl. 43, fig. 31.

This species closely resembles, but is specifically distinct from, *T. geminata* Deshayes.* A Natal specimen, in the British Museum, of *T. geminata* is more tapering, has a more twisted columella, and its ribs continue on the base, whereas *D. vallesia* has a smooth base. The median groove is a broader and deeper in *geminata*, and the nodules above alternate with the ribs instead of continuing them, as in *vallesia*. **HEDLEY 1913 p30**

Alter species *Diplomeriza vallesia* (Hedley), 1912. The holotype and paratypes of this species have been compared with numerous specimens of *Diplomeriza bernardi* (Deshayes), 1857, from Queensland and northern New South Wales and they must be considered as synonymous. *D. bernardi* is a most variable species, the length/width ratio varying from 18% to 24%, the coloration varies from off-white to light reddish-brown and a fairly deep slate-grey, the colour band is found at the top, centre or bottom of the whorls, whilst the whorls vary in convexity. The dark brown coloration of the apical whorls and the impressed ledge below the sutures are fairly constant features. Reference: *D. bernardi* (Deshayes), 1857, *J. Conch., Paris*, 6, p. 84, pl. 4, fig. 10. Australia. **GARRER 115**

T. VALLESIA
(Hedley, 1915) 50
mm. - Australia In
acqua bassa

AWBAY PLY



Cream and gray-brown banded; shiny;
to approximately 50 mm.

Terebra vallesia Hedley
QUEENSLAND S.K

257. *Duplicaria vallesia* Hedley, 1912

(Pl. 66, fig. 257)

1912 *Duplicaria vallesia* Hedley, Rec. Austral. Mus. 8(3):147, pl. 43, fig. 31.

Description: Shell to 27 mm, thin and delicate; color light orange with a cream band through center of whorls and dark orange on base of body whorl; outline of whorls convex in early whorls, flatter in later ones; protoconch of 2 whorls; subsutural band rather flat formed by groove cutting through ribs; axial ribs wide spaced, becoming weaker in later whorls and fading about center of body whorl; aperture quadrate; columella curved; siphonal fasciole with heavy striations and sharp keel.

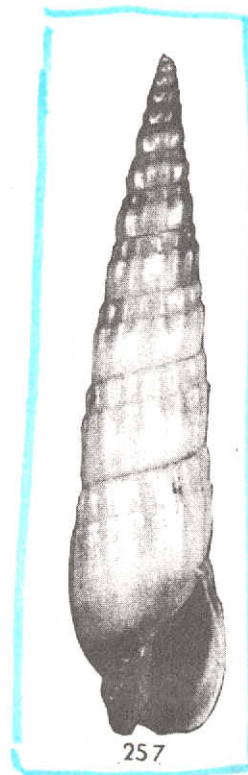
Type locality: "Trial Bay, New South Wales, Australia."

Distribution: East Australia.

Type: Holotype AM Sydney no. C-28470; 27.2 × 6.4 mm.

Discussion: This thin and delicate shell is unlikely to be mistaken for another *Duplicaria*.

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257, *D. vallesia* Hedley. Holotype Australian Museum, Sydney No. C-28470; 27.2 mm.

DUPPLICARIA VALLESIA, sp. nov.

(Plate xliiii., fig. 31).



Shell elongate-subulate, glossy, rather thin. Colour: a median cream band between pale orange on the upper half of the whorl and on the base, six summit whorls dark orange. Whorls fourteen, including a two whorled turbinate protoconch. Sculpture: a deep furrow winds along the upper third of each whorl. Straight rather oblique riblets, discontinuous from whorl to whorl, parted by wider interstices, about eighteen to a whorl, are well developed at the suture, interrupted by and reform below the sulcus, and fade at the periphery. Between the ribs appear under a lens a few faint spiral threads. Aperture small, narrow, deeply notched anteriorly. Length, 27; breadth, 6 mm.

On account of anatomical characters detailed by Troschel, Dr. W. H. Dall ranked the species grouping round *Buccinum duplicatum*, Linne, as an independent genus of the Terebridae, under the name of *Duplicaria*.³⁶ This primitive group is well developed in Australia. Among local species, *D. ustulata*, Deshayes, is comparable to the novelty in size and shape. It is however more solid, of a uniform colour with finer and more numerous ribs.

Hab.—Trial Bay, N. S. Wales, several specimens collected by Mr. Carl Laseron and presented by the Curator of the Technological Museum, Sydney. HEDLEY 1912 REC. AUSTR. MUS. VOL. 1(3) P. 197

VALLESIA (2)

HEDLEY 1912

(V) (257)