

Terebra Berlineræ Maury

Plate 1, figures 17, 18



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Terebra Berlineræ Maury, 1917, Bull. Amer. Pal., vol. 5, p. 198, pl. 4, figs. 7, 8.



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This beautiful species was described by Dr. Maury, from the Cercado (Miocene) formation of Santo Domingo. The whorls are slightly convex, and its sculpture is closer, finer and more delicate than is seen in any of the associated Costa Rican *Terebras*. Our specimens, all imperfect, were collected from the hard Gatun sandstones of Boucary Creek. The most complete specimen measures 21 by 6.5 mm.

Gatun Stage: Boucary Creek.

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17-18. *Terebra Berlineræ* Maury, Boucary Creek..... 39

Terebra Berlineræ, n. sp.

Plate 4, Figures 7, 8

Shell slender and graceful, tapering to an acute spire, volutions rounded between the sub-sutural zones, which slightly constrict the shell. Whorls twelve to fourteen, the two nuclear smooth, the third and fourth ornamented with transverse riblets. The sub-sutural band begins to appear on the fifth and becomes defined on the sixth and seventh whorls. Spiral lines appear faintly on the fourth and fifth but do not become sharply defined until the eighth whorl. The sculpturing of the species is remarkably beautiful. It consists on all but the earliest whorls of the sub-sutural, constricting band occupying about one-fifth of the whorl and marked off by a narrow sulcus, below which are eight to ten narrow, flat spiral bands. Some of these may be sub-divided, forming many fine threads resulting in as many as fourteen or more spirals of different widths instead of the more typical eight or nine sub-equal spirals. Transverse sculpture of many very fine riblets, about thirty-six on a whorl having a diameter of 8 mm.; but the riblets may become more crowded and very close-set. Columella short, very sharply keeled at the back, anterior canal deeply notched. Length 38, greatest diameter 9 mm.



The species most closely resembling *T. Berlineræ* are *T. gatunensis* Toula and *T. cirrus* Dall; but it can at once be discriminated from these two species by its characteristically convex whorls, constricting sub-sutural bands and much closer, finer, and more delicate sculpture.

This, perhaps the most exquisite of all the Santo Domingo Tertiary fossils is dedicated to the memory of Mrs. Sarah Berliner.

Localities. — (Exp'd '16) Gravels, Rio Cana; Zones H and I, Rio Cana, near Caimito.

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7. *Terebra Berlineræ*, n. sp..... 34
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