

BU RCKHARDTI
HERTLEIN & JORDAN 1927
(Fos)

19. *Terebra burckhardti* Hertlein & E. K. Jordan new species

Plate XXI, figure 6

p 632

Shell moderately slender, spire missing, four and one-half whorls present in type specimen; outline of whorls straight on sides; below suture each whorl possesses a somewhat convex projecting sutural band which is set off from remainder of whorl by a sharp, incised line; each whorl sculptured by about 18 longitudinal plications which run slightly oblique and offset slightly on crossing to the sutural band where they are coarser; on body whorl, plications bend slightly anteriorly at top of whorl and slightly posteriorly at base of whorl; canal unornamented. Length 25.5 mm.; width of body whorl 9.3 mm.

Holotype: L.S.J.U. type collection, from Loc. 66 (L.S.J.U.), in San Ignacio Arroyo, 8 kilometers southwest of San Ignacio, Lower California; *paratype* No. 2678, Mus. Calif. Acad. Sci.; Isidro formation, lower Miocene; B. F. Hake collector.

Terebra burckhardti differs from *T. variegata* Gray⁶⁷ in possessing a stronger projecting sutural band, stronger longitudinal plications, and sharper shouldered whorls. It is distinguished from *T. dislocata* Say, *T. aspera* Hinds and *T. acuaria* Toulou⁶⁸, by possessing coarser ribs, strong projecting collar and in lacking spiral ornament. From *T. gausapata herviderana* Spieker⁶⁹, *T. burckhardti* can be distinguished by the absence of the spiral sculpture which is so pronounced in Spieker's subspecies. Furthermore the present species possesses a more slender shell than does Spieker's subspecies. *Terebra burckhardti* differs from *T. (Myurella) coleri* Engstrand & Urbina⁷⁰ in lacking spiral sculpture on the whorls, in the absence of plaits on the columella and apparently in possessing more sharply shouldered whorls than *T. coleri*.

This species is named for Dr. Carlos Burckhardt in recognition of his excellent contributions to the knowledge of the paleontology and stratigraphy of Mexico.



Fig. 6. *Terebra burckhardti* Hertlein & E. K. Jordan, new species; natural size; holotype, (L.S.J.U. type coll.), from same locality as fig. 1; p. 632.

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