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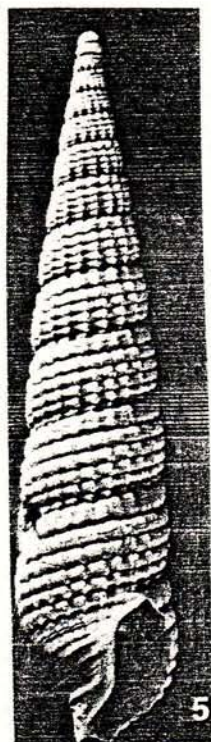


Fig. 13. *Terebra (Oxymereis) bipartita* Sowerby var. *spirifera* Dall; Oligocene of St. Domingo; alt. 30.0 mm.; *op. cit.*, p. 38, 1895. DALL 1903 TRANS WAGNER INST PHILA

<sup>BIPARTITA</sup>  
Variety *spirifera*, Dall.—Shell with the ribs feeble, the spiral sculpture more prominent than the ribs, especially two rather narrow spirals just in front of the sutural band, and overriding the ribs with close-set, even, distinct, coarse, rounded threads, which fail on the canal; pillar distinctly grooved or biplicate. Longitude, 30; maximum diameter, 8 mm. Ponton, Santo Domingo. DIRECTOR OF U.S. NAT. MUSEUM

This form is larger, and the shell increases in diameter more rapidly than in the type. It may prove to be worthy of specific rank with more material, in which case the varietal may be used as a specific name. No. 113654, U. S. N. M.

It recalls, in its relation to the type, the relation of *T. indenta*, Conrad. to *T. dislocata*, Say. DALL 1895 PL US NAT MUSEUM



3. *Strioterebrum spiriferum* (Dall, 1895).  
(x7) 3. NHMB H17100; height 49.0 mm, diameter 11.6 mm.  
Locality: Punta Gavilan Formation, Falcón State, Venezuela.

**Terebra spirifera Dall**

v. 2.

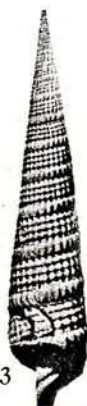
Plate I, figure 13

*Terebra dislocata* Gabb, 1873, Trans. Amer. Phil. Sci., vol. 15, p. 225, Not of Say.

*Terebra (Acus) bipartita* Sowerby, variety *spirifera* Dall, 1895, Proc. U. S. Nat. Mus., vol. 18, p. 38.

*Terebra (Oxymereis) bipartita* Sowerby, variety *spirifera* Dall, 1903, Trans. Wagner Free Inst. Sci., vol. 3, pt. 6, p. 1632, pl. 59, fig. 13.

*Terebra spirifera* Maury, 1917, Bull. Amer. Pal., vol. 5, p. 188, pl. 3 figs. 15, 16.



In *T. Gatunensis* and *wolfgangi* the pillar is nearly smooth or with two board, sub-obsolete folds. In *spirifera*, the two folds are strong and recall those seen in the recent *T. dislocata*. The sutural band is strongly sculptured by the end of the ribs which are entirely dislocated by the deep sulcus. Typical specimens have three or four, even spirals, which are stronger than the longitudinal ribs. Variation occurs in the number, and regularity or these spirals,

Length 43, breadth 9 mm.

Gatun Stage: Banana River, Hill No. 1.  
Water Cay. OLSSON 22 p 38

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13. *Terebra spirifera* Dall, Banana River..... 37

Von weiteren nahestehenden fossilen Formen sei erwähnt *Terebra spirifera* DALL (Proceed U. S. Nat. Mus. 18, S. 38; Transact. WAGNER Inst. Sci. Phila. 3<sup>e</sup>, S. 1632, Taf. LIX, Fig. 13) aus den Neogen von S. Domingo; doch hat diese Art zwei sehr kräftige, schon in der Mündung wahrnehmbare Spindelfalten und bleibt ebenfalls kleiner.

Von *Terebra spirifera* kaum verschieden ist *Terebra cirrus* DALL, die ebenfalls zwei kräftige Spindelfalten aufweist. In dieselbe Gruppe gehört vielleicht auch die von DALL und OCHSNER (Proc. Calif. Acad. Sci. Zool. 17, S. 101, Taf. II, Fig. 3) aus fraglich pleistocaenen Schichten beschriebene *Terebra litorea* D. u. O. RUTSCH 1934 p. 102, 108

*Terebra spirifera* Dall

Plate 3, Figures 15, 16

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SPIRIFERA (2)

DALL 1895

*Terebra dislocata* Gabb (in part), Trans. Amer. Phil. Soc., vol. 15, p. 225, 1873. Not *dislocata* Say.

*Terebra (Acus) bipartita* (Sowerby) variety *spirifera* Dall, Proc. U. S. Nat. Museum vol. 18, no. 1035, p. 38, 1895.

*Terebra (Oxymeris) bipartita* (Sowerby) variety *spirifera* Dall, Trans. Wagner Inst. Sci., vol. 3, pt. 6, pl. 59, fig. 13, 1903.

Shell of medium size, whorls twelve to fourteen, tapering rapidly to an acute spire; spiral ornamentation slightly more pronounced than the transverse. The former consists of typically four (sometimes reduced to three) narrow, flattened bands encircling each whorl of the spire below the sutural zone. The transverse sculpture consists of many close-set riblets which cross the sutural zones sharply and almost perpendicularly, then swing back a trifle in the narrow subzonal channel, but resume a perpendicular direction on passing under the four spirals which are wound over the riblets. The columella bears two sharp folds. Specimens range from 25 to 35 mm. The type measured 30x8 mm.



In grouping the Dominican Terebras the presence or absence of columellar plications is of much assistance. Thus all the specimens of *spirifera*, *oligomitra*, and *cirrus* show the two folds on the columella, a character which throws them into the *T. bipartita* group, and differentiates them readily from Toula's Isthmian types.

*Localities.* — (Exp'd '16) Bluffs 2 and 3, Cercado de Mao; Zone I, Rio Cana near Caimito.

HAWAY 1917 p. 24

15. <i>Terebra spirifera</i> Dall.....	24
16. <i>Terebra spirifera</i> Dall.....	24