

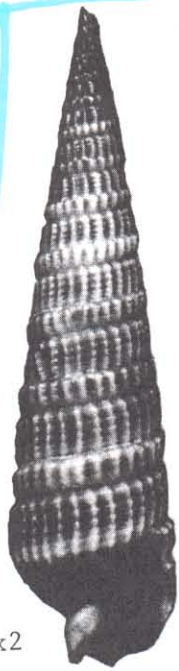
ONSLOWENSIS (1)
PETUCH 1974

(185)

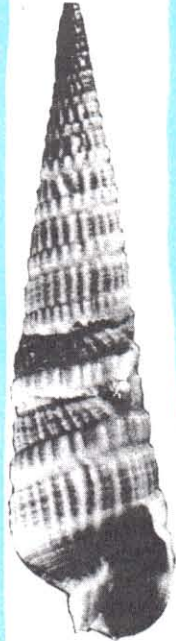
= DISLOCATA



x1



x2



185d

BRAT 87 185d, Holo-

type of *Strioterebrum onslowensis* Petuch, California Academy Sciences, San Francisco No. 032501; 44.3 mm.

Similar to *T. dislocata* (Card 599) but with almost twice as many ribs per whorl; to approx. 50 mm. Offshore in fairly shallow water. (ANSP 349099 - paratype)

Terebra onslowensis Petuch
SOUTH CAROLINA & GULF of MEXICO

SK

Strioterebrum onslowensis Petuch, spec. nov.

Description: Shell elongate, polished, with 16-18 whorls; 35-37 prominent axial ribs per whorl; whorls divided one-fourth their total length by a wide, deeply impressed spiral sulcus. There is a series of spiral cords between and overlapping the axial ribs that give the shell a slightly pustulose appearance. Columella with 2 raised spiral folds. Color dark chocolate brown with a white band that shows through in the aperture. Early whorls uniform dark brown.

Animal: Head and tentacles cream-yellow in color; foot yellow with brown fleckings.

Dimensions of Holotype: length, 45 mm; width, 12 mm.

Holotype: California Academy of Sciences, San Francisco, California; Geology Department Type Collection no. 54719.

Type Locality: 21.6 m depth in Onslow Bay, approximately 20 km SSE of Bogue Inlet, North Carolina (34°25' N; 77°00' W).

Distribution: This species is confined to the areas near the coral reef complexes in Onslow Bay. Its range does not appear to extend any further south than Cape Fear, North Carolina.

Discussion: *Strioterebrum onslowensis* (Figures 1, 2, and 3) could be confused with *S. dislocata* (Say, 1822) (Figure 4). However, it differs from that species by having a larger, heavier shell with a greater spire angle, by having a much wider and more deeply impressed spiral sulcus, and by having a more flaring aperture. The axial ribbings are also finer and more numerous; 35-37 in *S. onslowensis*, 25 in *S. dislocata*. The Onslow Bay Auger shells are of a consistent dark brown color with a white band, while *S. dislocata* is usually grey, orange, pink, or white. The animals are also quite different in coloration; *S. onslowensis* is yellow-brown while *S. dislocata* is white.

Strioterebrum brightonensis Olsson, 1967 of the Pinecrest Beds, Brighton, Florida, upper Miocene Caloosahatchee Formation (Olsson, 1967), has many morphological characteristics in common with *S. onslowensis*. The most obvious of these is the wide, deeply impressed spiral sulcus. Another interesting Miocene species, *S. colombiana* Olsson, 1967 from the Arroyo Charco Grande, Atlantico, Colombia, shows a close relationship to both of these species.

PETUCH 1974 VERACR. V. 4 (17(2)) p. 205



Figure 2



Figure 1



Figure 3



(DISLOCATA)

Figure 4

Figure 1: *Strioterebrum onslowensis* Petuch, spec. nov.
 Figure 2: *Strioterebrum onslowensis* Petuch, spec. nov.
 Figure 3: *Strioterebrum onslowensis* Petuch, spec. nov.
 Figure 4: *Strioterebrum dislocata* (Say, 1822)