

*Uniomereus tetralasmus camptodon* (Say). La Rocque, 1967, Geol. Survey, Ohio, Bull., 62 (2): 180.

*Uniomereus tetralasmus saji* (Ward). La Rocque, 1967, Geol. Survey, Ohio, Bull., 62 (2): 181.

*Uniomereus tetralasmus* (Say). Johnson, 1970, Bull. Mus. Comp. Zool., 140 (6): 339, pl. 12, figs 1-6.

*Uniomereus tetralasmus* (Say). Valentine and Stansbery, 1971, Sterkiana, no. 42, p. 22.

DESCRIPTION.—Shell generally medium, though sometimes large reaching over 114 mm in length. Outline rhomboidal or elongate rhomboidal. Valves subinflated or inflated, subsolid. Anterior end regularly rounded or slightly truncated; posterior end usually somewhat produced. Ventral margin incurved. Dorsal margin curved, generally forming a sharp angle with the almost straight posterior margin. Hinge ligament, long and narrow, located posterior to the umbos. Posterior ridge rounded, ending in a point or feeble biangulation at the base of the shell, sometimes rendering older specimens a bit arcuate. Posterior slope often with two radial sulci. Umbos low to slightly elevated, located in the anterior quarter of the shell, their sculpture consisting of five or six heavy ridges that form a rounded angle on the posterior ridge, in front of which they tend to be corrugated. Periostracum generally black and slightly rough, but with a satiny sheen over most of the surface. Sometimes the surface is smooth and shiny, especially in the umbonal area, and may then be brownish-yellow, or yellowish mixed with green, but not rayed.

Left valve with two ragged, subequal pseudocardinal teeth, and two straight lateral teeth. Right valve with one triangular pseudocardinal often with a vestigial tooth above it; one lateral tooth. Beak cavities compressed, but with several muscle scars; anterior adductor muscle scars deep, posterior ones faint. Pallial line distinct. Nacre white, bluish-white, or pinkish to lurid purple.

MEASUREMENTS.—L 119 mm, H 70 mm, W 45 mm (St. Johns River [town of], Lake Monroe, Seminole Co.); L 98 mm, H 58 mm, W 41 mm (Lake on Julington Creek, 2 mi W of Bayard, Duval Co.); L 58 mm, H 36 mm, W 23 mm (Lake Louisa, 6 mi. SSE of Clermont, Lake Co.).

HABITAT.—Generally lives in smaller streams and ponds in sand, usually where the current is not swift.

REMARKS.—*Uniomereus tetralasmus* (Say) can be confused in the Apalachicola and Southern Atlantic Slope regions with *Elliptio complanata* (Lightfoot) and *E. icterina* (Conrad). In peninsular Florida, *U. tetralasmus* is quite distinct from all species except *E. icterina*. In general, *tetralasmus* is more inflated, proportionately higher, more acutely angular where the dorsal margin meets the posterior one, and very often has a characteristic satiny periostracum. The yellowish brown, unrayed periostracum and bluish white or pinkish nacre differentiate *tetralasmus* from *icterina*, which has a sometimes bright yellow or chestnut, often rayed periostracum and more variety in nacre color.