Recent Additions to the Naiad Fauna of the Eastern Gulf Drainage (Bivalvia: Unionoida: Unionidae)

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With dark pigmentation and some arborescent incurrent papillae, Elliptio mcmichaeli Clench and Turner 1956 of the Choctawhatchee river system is a valid, primitive species. An undescribed unionine genus in the Escambia river system resembles Elliptio, but its incurrent aperture is unsubdivided. Elliptoideus sloatianus (Lea 1840) of the Apalachicola river system monotypically represents a valid, extremely primitive amblemine genus, exhibiting arborescent incurrent papillae; a ventrally papillose, unsubdivided excurrent aperture; and poor differentiation of marsupial and non-marsupial structures. "Lampsilis" jonesi van der Schalie 1934 of the Choctawhatchee system occurs in the Escambia system, also, and belongs in Ptychobranchus: the egg masses occupy the lower part of the outer (female) demibranch, which is folded when gravid. "Lampsilis" australis Simpson 1900 of the Escambia system occurs in at least the Yellow river system, also, and represents an undescribed lampsiline genus resembling Ptychobranchus, but with an unfolded gravid marsupium.

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