

elevated apex. The largest is only 7 mm. in diameter and they answer in every way to Carpenter's description of *C. contorta*. A number of specimens from Magdalena Bay have been examined. They were received as *C. contorta* Cpr. but have brown interiors and are over an inch in diameter. The apex is too worn to be sure of its characteristics but they would seem to answer to Carpenter's description of *C. mamillaris* Brod. and are identical with specimens so labeled from the Gulf of California. Arnold's specimen from the Pleistocene of San Pedro, diam. 33, alt. 7 mm. would seem to be the same. However a number of specimens from the Pleistocene of the Santa Monica Hills all have the small size and minute elevated apex of *C. contorta* Cpr.

Any attempt to fix range limits for these three species will have to wait for further data. *C. fastigiata* Gld. is the species of the Puget Sound District, *C. contorta* Cpr. of the Santa Barbara Channel. There may be some question as to the proper application of *C. mamillaris* Brod. to both the Gulf of California and South American forms. With the exception of *C. lichen* Brod. the southern species formerly placed in the genus are now referred to the genus *Cheilea*.

A SHORT LIST OF LAND AND FRESHWATER MOLLUSKS FROM
SOUTHEASTERN TEXAS

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The following list is based upon a small collection of mollusks sent to me by L. J. Bottimer of Liberty, Texas. I am indebted to Dr. Bryant Walker for many of the determinations:

Helicina orbiculata tropica Pfr. Lake Charlotte, Chambers Co., Texas. "Under drift along lake." Victoria, Victoria Co., Texas. "On trees, fences, weeds, etc."

Praticolella berlandieriana (Morl.). Victoria, Texas. A little heavier than usually, and faintly banded.

Polygyra espiloca Bld. Liberty, Liberty Co., Texas. "Under logs on damp soil at edge of swamp."

Polygyra thyroides Say. Beaumont, Jefferson Co., Texas. Victoria, Texas. "On trash at base of trees near Guadalupe River." Considerable variation in the extent of lip folding over the umbilical orifice.

Polygyra monodon friersoni Pils. Lake Charlotte, Texas. "Under drift along shore of lake." Liberty, Texas. "Under logs in brushy woods."

Bulimulus dealbatus mooreanus W. G. Binn. Victoria, Texas. "Dead on ground."

Strobilops labyrinthica texasiana P. & F. Dayton, Liberty Co., Texas. "In decaying vegetation."

Gastrocopta contracta Say. Dayton, Liberty Co., Texas. "In decaying vegetation in axis of leaves of cabbage palmetto."

Euglandina singleyana W. G. Binn. Victoria, Texas. "Under logs and drift along Guadalupe River."

Carychium exiguum (Say). Dayton, Texas. "In decaying vegetation."

Planorbis lentus Say. Moss Bluff, Liberty Co., Texas. "Edge of marsh."

Segmentina obstructa (Morelet). Moss Bluff, Texas. "Under logs along old canal."

Physa anatina Lea. Liberty, Texas. "On mud and vegetation of small pond." Cleveland, Liberty Co., Texas. Liberty, Texas. "Small pond formed by sulphur well."

Physa halei Lea. Moss Bluff, Texas. "Along old canal." Lake Charlotte, Texas. "On mud along edge of lake."

Amnicola emarginata (Kust.). Lake Charlotte, Texas.

Amnicola peracuta P. & W. Liberty, Texas. "Edge of small pond in woods."

Rangia cuneata Gray. Lake Charlotte, Texas. "In mud, 1-2 feet of water." Two unusually large specimens.

Carunculina texensis (Lea). Devers, Liberty Co., Texas. "In mud in shallow ditch."

Musculium transversum Say. Lake Charlotte, Texas. "Screening mud at edge of lake."



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