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SYSTEMATICS AND ZOOGEOGRAPHY OF THE BULIMULIDAE (PULMONATA:
SIGMURETHRA) OF SONORA, MEXICO

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DESCRIPTION OF R. BAILEYI COMPLEX

The second group to be considered consists of *R. baileyi*, which is redescribed and a lectotype is selected for it, and two new species herein described.

Rabdotus baileyi (Dall, 1893) is a widespread species, as...

R. baileyi was originally described from shells ostensibly collected at Cabo San Lucas in Baja California, as well as shells collected at Guaymas and Ortiz in Sonora. Of these shells, none was designated as a holotype, but the shell that was figured was in the lot (USNM 126128) said to be from Cabo San Lucas; measurements for two 10 shells were given, but it is not apparent from which of the three localities they were collected. After comparing the type material with information in the most complete work on the Bulimulidae of Baja California (Christensen, 1973) as well as material in my collection and the collection of Miller, I have concluded that they were collected, not in Baja California, but in Sonora;

there are no snails described from Baja California for whose shells these could be mistaken. They are most similar to shells in my collection that were collected at Hermosillo, and are probably from that vicinity.

Eleven shells were collected at Guaymas, Sonora, Mexico by Dr. E. Palmer, without date of collection (USNM 101756). These were also mentioned in the species description (Dall, 1893). I have collected a single shell at Guaymas which corresponds well with the shells that Dr. Palmer collected. I, therefore designate the best of Dr. Palmer's shells (USNM 859215) as the lectotype of *Rabdotus baileyi* (Dall, 1893). The other lots in the original description, USNM 101756 from Guaymas, Sonora, Mexico, USNM 126123 from an unknown locality, and USNM 106004 from Ortiz, Sonora,

Mexico, shall be considered to be paralectotypes of this species.