

Appendix 1

Material examined of *Cassidulus caribaeorum* and *Rhyncholampas pacifica*

Species	Catalog number	Locality	Depth	Specimens
<i>C. caribaeorum</i>	ICML-UNAM 4.96.0	La Bocana, Puerto Morelos, Quintana Roo, Mexico (20°57'19.9" N & 86°49'31" W)	-	4 (Dry)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.1	Bocana de Punta Nizuc, Puerto Morelos, Quintana Roo, Mexico (21°00'59.9" N & 86°47.14'15.0" W)	3.4 m	851 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.3	Muelle de Cabos, Puerto Morelos, Quintana Roo (20°49'41.5" N & 86°52'37.2" W)	6 m	2 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.4	Muelle de Cabos, Puerto Morelos, Quintana Roo, Mexico (20°49'41.5" N & 86°52'37.2" W)	6 m	4 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.5	Muelle de Cabos, Puerto Morelos, Quintana Roo, Mexico (20°49'41.5" N & 86°52'37.2" W)	-	7 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.6	Bocana de la Barranza, Puerto Morelos, Quintana Roo, Mexico (21°00'57.6" N & 86°47'07.0" W)	3.5 m	164 (12 dry; 152 Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.9	Infront of Islote, Puerto Morelos, Quintana Roo, Mexico (20°55'40.8" N & 86°49'19.2" W)	12 m	6 (Dry)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.10	Bocana de la Barranza, Puerto Morelos, Quintana Roo, Mexico (20°58'06.1" N & 86°58'57.9" W)	5 m	240 (Ethanol)
<i>C. caribaeorum</i>	ICMI-UNAM 4.96.11	South of Bocana de la Barranza, Puerto Morelos, Quintana Roo, Mexico (20°57'17.9" N & 86°49'31.0" W)	3.6-4.5 m	77 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.12	South of Bocana de la Barranza, Puerto Morelos, Quintana Roo, Mexico (20°57'17.9" N & 86°49'31.0" W)	4 m	2 (Dry)

<i>C. caribaeorum</i>	ICML-UNAM 4.96.13	South of Bocana de la Barranza, Puerto Morelos, Quintana Roo (20°57'17.9" N & 86°49'31.0" W)	3.6-4.5 m	21 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.14	Bocana de la Barranza, Puerto Morelos, Quintana Roo, Mexico (20°58'06.1" N & 86°58'57.9" W)	5 m	34 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.15	Bocana de Punta Nizuc, Puerto Morelos, Quintana Roo, Mexico (21°00'57.6" N & 86°47'07.0" W)	5 m	27 (Dry)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.16	Punta Maroma, Puerto Morelos, Quintana Roo, Mexico (20°43'55.3" N & 86°57'39.4" W)	2-3 m	27 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.17	Bocana de Punta Nizuc, Puerto Morelos, Quintana Roo, Mexico (21°00'57.6" N & 86°47'07.0" W)	5 m	67 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.18	Between Muelle de Cubas and Villas Marinas, Puerto Morelos, Quintana Roo, Mexico (20°49'41.5" N & 86°52'37.2" W)	9 m	240 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.20	ICML Station, Puerto Morelos, Quintana Roo, Mexico (20°52'22.8" N & 86°51'56.7" W)	3 m	1 (Dry)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.21	Jardines, Puerto Morelos, Quintana Roo, Mexico (20°51'15.14" N & 86°51'54.67" W)	8 m	6 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.22	Jardines, Puerto Morelos, Quintana Roo, Mexico (20°51'15.14" N & 86°51'54.67" W)	3 m	7 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.23	Arenosos, Puerto Morelos, Quintana Roo, Mexico (20°52'23.1" N & 86°50'36.6" W)	19 m	7 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.24	Bocana chica, Puerto Morelos, Quintana Roo, Mexico (20°52'33.27" N & 86°50'52.52" W)	13 m	48 (Ethanol)
<i>C. caribaeorum</i>	ICML-UNAM 4.96.25	Arenosos, Puerto Morelos, Quintana Roo, Mexico (20°52'23.1" N & 86°50'36.6" W)	-	1 (Dry)

<i>C. caribaeorum</i>	ICML-UNAM 11063	La Boya, Akumal, Quintana Roo, Mexico (20°23'34.7" N & 87°18'40.65" W)	10 m	11 (Ethanol)
<i>R. pacifica</i>	ICML-UNAM 4.48.0	Infront of Punta Barron to Barra Chametla, Mazatlan, Sinaloa, Mexico (23°06' N & 106°50' W)	-	3 (Dry)
<i>R. pacifica</i>	ICML-UNAM 4.48.1	Acapulco, Guerrero, Mexico (16°30' N & 99°53' W)	-	1 (Dry)
<i>R. pacifica</i>	ICML-UNAM 4.48.2	Playa Azul, Acapulco, Guerrero, Mexico (16°50' N & 99°53' W)	-	29 (Dry)
<i>R. pacifica</i>	ICML-UNAM 4.48.3	Ixtapa Zihuatanejo, Guerrero, Mexico (17°42' N & 101°38' W)	-	1 (Ethanol)
<i>R. pacifica</i>	ICML-UNAM 4.48.4	Puerto Marquez, Acapulco, Guerrero, Mexico (16°47' N & 99°50' W)	-	2 (Dry)
<i>R. pacifica</i>	ICML-UNAM 4.48.5	Cabo San Lucas, Baja California Sur, Mexico (22°54' N & 109°53' W)	-	1 (Dry)
<i>R. pacifica</i>	ICML-UNAM 4.48.6	Acapulco, Guerrero, Mexico (16°49'48.18" N & 99°54'3.84" W)	66.83 m	19 (Ethanol)
<i>R. pacifica</i>	ICML-UNAM 4.48.7	Acapulco, Guerrero, Mexico (16°49'47.94" N & 99°54'7.26" W)	66.83 m	10 (Ethanol)
<i>R. pacifica</i>	ICML-UNAM 4.48.8	Acapulco, Guerrero, Mexico (16°49'47.94" N & 99°54'7.26" W)	66.83 m	1 (Ethanol)
<i>R. pacifica</i>	ICML-UNAM 4.48.9	Playa Caleta, Acapulco, Guerrero, Mexico (16°49'47.94" N & 99°54'7.26" W)	10.7 m	10 (Dry)
<i>R. pacifica</i>	ICML-UNAM 4.48.10	Playa Norte, Isla Socorro, Colima, Mexico (18°51'56.30" N & 110°59'16.51" W)	1.5 m	4 (Dry)