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Catalog of the Benthic Invertebrate Collections of the Scripps Institution of Oceanography. I - Decapod Crustacea and Stomatopoda

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CATALOG OF THE
BENTHIC INVERTEBRATE COLLECTIONS
OF THE
SCRIPPS INSTITUTION OF OCEANOGRAPHY

I - DECAPOD CRUSTACEA AND STOMATOPODA

Spencer R. Luke

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PREFACE

This is the first in a series of catalogs of holdings of the Benthic Invertebrate Collections of the Scripps Institution of Oceanography. While the collections date back to the earliest days of the Institution, they have expanded markedly during the past decade through the efforts of numerous Scripps scientists and graduate students as well as through gifts or donations from private and government sources. Use of the collections has also increased greatly, especially by scientists outside the Institution, and it has therefore been deemed appropriate to inform the scientific community at large of the holdings of the Benthic Invertebrate Collection of the Scripps Institution of Oceanography by this series of catalogs.

The present catalog, containing 3093 entries, covers the Decapod Crustacea (exclusive of the Penaeidea, Paguridae, and Porcellanidae) and the Stomatopoda. Of those excluded, the first are on loan to a specialist on the group while the second and third are not yet sufficiently sorted and identified to be included at this time. The Euphausiacea, considered decapods by some, are contained in the Planktonic Invertebrate Collections (Dr. A. Fleminger, Curator).

Each catalog will follow the format of this one. The arrangement is systematic; each entry is generally a preliminary identification and includes relevant field data. The material can be examined here, or it may be made available by loan, gift, or exchange to qualified persons or private or government agencies.

Higher systematic categories used are as in F. A. Chace and T. H. Waterman (1960, "General Crustacean Biology," pp. 1-33. In T. H. Waterman, Ed., Physiology of Crustacea, Vol. 1, Academic Press, New York. 670 p.) and (or) Robert D. Barnes (1974, Invertebrate Zoology, W. B. Saunders Company, Toronto). Families, genera, and species are treated as in the most familiar or recent references; the Caridea and Stenopodidea are arranged according to L. B. Holthuis (1955, "Recent Genera of the Caridean and Stenopodidean Shrimps," Leyden Zoologische Verhandelingen, 26: 1-157); the Anomura are as in Waldo L. Schmitt (1921, "The Marine Decapod Crustacea of California," University of California Publications in Zoology, 23: 1-470); the Brachyura (except the Portunidae and Oxyrhyncha) are as in Mary J. Rathbun (1918, "The Grapsoid Crabs of America," United States National Museum Bulletin, 97: 1-461, 1930, "The Cancroid Crabs of America," ibid., 152: 1-609, and 1937, "The Oxystomatous and Allied Crabs of America," ibid., 166: 1-278); the Portunidae are as in John S. Garth and W. Stephenson (1966, "Brachyura of the Pacific Coast of America Brachyrhyncha: Portunidae," Allan Hancock Monographs in Marine Biology, 1: 1-154). The Oxyrhyncha follow John S. Garth (1958, "Brachyura of the Pacific Coast of America Oxyrhyncha," Allan Hancock Pacific Expeditions, 21: 1-854); and the Stomatopoda are as in Raymond B. Manning (1971, "Eastern Pacific Expeditions of the New York Zoological Society. Stomatopod Crustacea," Zoologica, 56: 95-113).

The catalog was prepared under the direction and encouragement of Dr. William A. Newman (Curator) for which I am most thankful.

Spencer R. Luke
Museum Scientist

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Class CRUSTACEA
 Superorder EUCARIDA
 Order DECAPODA

Suborder NATANTIA

Section CARIDEA

Family Oplophoridae

Hymenodora frontalis Rathbun

C 3156 MV65-III-12 Basin N.W. of 60 mile Bank,
 $32^{\circ}15.6'N$ $118^{\circ}26.4'W$ 1573-1836m 10' IKMT
 Sept. 23, 1965 R/V Agassiz C. Hubbs
 (SIO65-443)

Hymendora sp.

C 3451 R-9 Tanner Basin Oct. 28, 1970 $32^{\circ}51'N$
 $119^{\circ}32'W$ 25' otter trawl 1397m R/V agassiz
 F. Rokop, S. Luke

Gen. Indet.

C 3453 R-41 Tanner Basin July 13, 1971 $32^{\circ}48'N$
 $119^{\circ}30'W$ 25' otter trawl 1390m R/V Agassiz
 F. Rokop

C 3240 MV71-I-44 1,000 fm. Basin, off Baja Calif.
 $31^{\circ}18'N$ $117^{\circ}24'W$ 1984-1957m 6' Sigsbee
 trawl May 30, 1971 R/V Agassiz C. Hubbs,
 S. Luke

C 3175 Sta. 16 Santa Catalina Basin $33^{\circ}01'N$
 $118^{\circ}17'W$ Dec. 10, 1972 1097m IKMT R/V
 Agassiz R. Hessler

C 3179 M15 OT-11 Pta. Piedras Blancas, Calif.
 $35^{\circ}29'N$ $121^{\circ}50'W$ 1189-1170m 25' otter
 trawl Mar. 31, 1974 R/V Agassiz T. Matsui

C 3191 Rokop 71-39 San Diego Trough $32^{\circ}36.5'N$
 $117^{\circ}32.5'W$ 1161-1198m 25' otter trawl
 July 12, 1971 R/V Agassiz F. Rokop

C 3204 MV65-I-39 Basin off Bahia Magdalena, Baja
 Calif. Sur $24^{\circ}23'N$ $113^{\circ}17'W$ 3427-3621m 45'
 otter trawl June 25, 1965 R/V Horizon
 C. Hubbs

C 3205 MV65-IV-76 off Chile Sta. 14 $32^{\circ}51'S$
 $72^{\circ}08'W$ 5' beam trawl 2580m Dec. 19, 1965
 R/V A. Bruun R. Wisner (SIO65-666)

C 3216 A-17 W. Cortez Basin $32^{\circ}25'N$ $119^{\circ}30'W$ 25'
 otter trawl 1362m May 7, 1975 R/V Agassiz
 J. Siebenaller

C 3222 A-19 W. Cortez Basin $32^{\circ}27.8'N$ $119^{\circ}34'W$ 25'
 otter trawl 1445m May 7, 1975 R/V Agassiz
 J. Siebenaller

C 3082 MV71-I-43 off N.W. Baja Calif. Norte, outer
 1,000 fm. basin $31^{\circ}25'N$ $117^{\circ}45'W$ 2001-2025m
 6' Sigsbee trawl May 29, 1971 R/V Agassiz
 C. Hubbs, S. Luke

C 3083 M-7, Sta. 3 W. of San Diego Trough, San
 Clemente Basin $32^{\circ}28'N$ $118^{\circ}07'W$ 1792-1866m
 40' otter trawl Sept. 16, 1971 R/V Agassiz
 T. Matsui

C 3084 VS-BII-1 off Mazatlan, Mexico $22^{\circ}47.5'N$
 $106^{\circ}52.0'W$ May 8, 9, 1959 1410-1420m deep
 diving dredge (P-59-84)

C 3085 MV68-I-75 Guaymas Basin, Gulf of Calif.
 $26^{\circ}45'N$ $111^{\circ}01'W$ 1684-1723m 25' otter trawl
 Jan. 22, 1968 R/V T. Washington C. Hubbs

C 3086 MV68-I-58 N.W. of Guaymas Basin, Gulf of
 Calif. $27^{\circ}50'N$ $112^{\circ}11'W$ 380-1295m IKMT Jan.
 16, 1968 R/V T. Washington C. Hubbs with
 Ellobiosid parasite

C 3087 MV68-I-76 W. slope of Carmen Basin, Baja
 Calif. Sur $25^{\circ}57'N$ $110^{\circ}35'W$ 1321-1344m 25'
 otter trawl Jan. 22, 1968 R/V T. Washington C. Hubbs

C 3089 Operation Blind Spot off Pta. Chivato,
 Baja Calif. Sur, $27^{\circ}17.5'N$ $111^{\circ}25'W$
 1829-1875m 25' otter trawl June 15, 1970
 R/V Agassiz E. Kampa

C 3090 SI064-1029 Santa Cruz Basin $33^{\circ}46'N$
 $119^{\circ}37'W$ rock dredge 1829m April 23, 1957
 R/V Baird Sta. A disposal area survey

C 3518 SS-72, 140-DB S. of Kauai, Hawaii
 $21^{\circ}49.54'N$ $159^{\circ}23.85'W$ dredge box 732m
 July 10, 1972 R/V Sea Scope

C 3513 SS-72, 95-DB N. Mid-Pacific $30^{\circ}16.6'N$
 $172^{\circ}16.2'W$ dredge box 5359m June 15, 1972
 R/V Sea Scope

Family Nematocarcinidae

Nematocarcinus sp.

C 988 API Project 51 Dredge Sta. #II Spencer F.
 Baird Cruise San Lucas Canyon 1097m $3\frac{1}{2}$ mi.
 offshore off Cabo San Lucas, Baja Calif.
 Jan. 1957 Rock Dredge - granite, mica sand,
 on "mud stone" coll. Beal

Gen. Indet.

C 3093 Operation Blind Spot - off Pta. Chivato,
 Baja Calif. Sur $27^{\circ}17.5'N$ $111^{\circ}25'W$ 1829-
 1875m 25' otter trawl June 15, 1970 R/V
 Agassiz E. Kampa

C 3088 MV68-I-76 W. slope of Carmen Basin, Baja
 Calif., Sur, $25^{\circ}57'N$ $110^{\circ}35'W$ 1321-1344m
 25' otter trawl Jan. 22, 1968 R/V T. Wash-
 ington C. Hubbs

C 1451 M-7, Sta. 3 San Clemente Basin $32^{\circ}28'N$
 $118^{\circ}07'W$ Sept. 16, 1971 1792-1866m 40'
 otter trawl R/V Agassiz T. Matsui

Family Stylodactylidae

Styloceratulus sp.

C 3091 Aldabra Is., Indian Ocean ca. $09^{\circ}S$ $46^{\circ}E$
 mouse trap sample

C 3188 MV65-I-38 Basin off Bahia Magdalena
 $24^{\circ}35'N$ $113^{\circ}25'W$ 6' Sigsbee trawl 3563-
 3621m June 24, 1965 R/V Horizon C. Hubbs
 (SIO65-221)

C 3203 MV65-I-39 Basin off Bahia Magdalena, Baja
 Calif. Sur $24^{\circ}23'N$ $113^{\circ}17'W$ 3427-3621m 45'
 otter trawl June 25, 1965 R/V Horizon
 C. Hubbs

Family Pasiphaeidae

Pasiphaea emarginata Rathbun

C 3095 SI063-870 San Diego Trough Cruise SDTC TR-
 2 $32^{\circ}33'N$ $117^{\circ}24'W$ 850-146M 10' IKMT Oct.
 31, 1963 R/V Agassiz R. Wisner

Pasiphaea pacifica Rathbun

C 3145 MV69-II Salsipuedes Basin area, off Isla de
 Animas, Golfo de Calif. ca $28^{\circ}41'N$ $112^{\circ}59'W$
 Mar. 4, 1969 dip net 'E.B. Scripps' R.
 McConaughey

Pasiphaea cf. pacifica Rathbun

C 3144 MV65-I-45 S.E. of Pta. Tosco, Baja Calif.
 Sur, $24^{\circ}01.5'N$ $111^{\circ}16'W$ 185-194m 45' otter
 trawl June 27, 1965 R/V Horizon C. Hubbs

Gen. Indet.

C 3324 MV71-I-33 W. of Isla Cedros, Baja Calif.
 Norte, $28^{\circ}22'N$ $115^{\circ}20'W$ 221-203m 25' otter
 trawl May 27, 1971 R/V Agassiz C. Hubbs,
 S. Luke

C 3325 A-26 off Encinitas, Calif. $33^{\circ}02.6'N$
 $117^{\circ}24.5'W$ May 9, 1975 439m 25' otter trawl
 R/V Agassiz J. Siebenaller

- C 3338 SI065-45 Toro Pt., Panama, Atlantic side, hand nets 0-15 ft. Coral reef Mar. 23, 1967 R. Rosenblatt
- C 3334 Monsoon Nite lite #7 Arafura Sea, $10^{\circ}35.2'S$ $142^{\circ}08.5'E$ Oct. 11, 1960 R/V Argo-position from deck log
- C 2282 SI076-96 N. of Catalina Is., Calif. $33^{\circ}33.5'N$ $118^{\circ}38'W$ Mar. 9, 1976 556-585m 40' otter trawl R/V Agassiz coll. S. Luke
- C 3199 A-11 San Clemente Basin $32^{\circ}29'N$ $118^{\circ}06'W$ 25' otter trawl 1829m May 5, 1975 R/V Agassiz J. Siebenaller
- C 3200 MV70-III-6 Baja Calif. abyssal plain $31^{\circ}20'N$ $120^{\circ}08'W$ 25' otter trawl 3706-3806m Mar. 23, 1970 R/V Melville S. Luke
- C 3211 M15 OT-22 off Del Mar, Calif. $32^{\circ}15'N$ $117^{\circ}40'W$ 25' otter trawl 920m Apr. 4, 1974 R/V Agassiz T. Matsui
- C 3174 Sta. 16 Santa Catalina Basin $33^{\circ}01'N$ $118^{\circ}17'W$ Dec. 10, 1972 1097m IKMT R/V Agassiz R. Hessler
- C 3102 M-7, Sta. 3 San Clemente Basin $32^{\circ}28'N$ $118^{\circ}07'W$ Sept. 16, 1971 1792-1866m 40' otter trawl R/V Agassiz T. Matsui
- C 3109 M-6, Sta. 3 San Clemente Basin $32^{\circ}35'N$ $118^{\circ}14'W$ 25' otter trawl 1628-1838m Aug. 12, 1971 R/V Agassiz T. Matsui
- C 3097 MV71-I-31 between Islas San Benitos & Isla Cedros, Baja Calif. $28^{\circ}17.5'N$ $115^{\circ}28'W$ 329-311m 6' Sigsbee trawl May 27, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 3098 M-6, Sta. 2 San Diego Trough - La Jolla Canyon area $32^{\circ}53'N$ $117^{\circ}31'W$ 732-860m 25' otter trawl Aug. 13, 1971 R/V Agassiz T. Matsui
- C 3099 MV65-I-44 off Boca Florda Malva, Baja Calif. Sur, $24^{\circ}12'N$ $111^{\circ}30'W$ 102-106m 45' otter trawl June 27, 1965 R/V Horizon C. Hubbs
- C 3096 SOB-III-12 N.E. of Guadalupe Is., Baja Calif. Norte $29^{\circ}40.2'N$ $117^{\circ}06.6'W$ 2708-2763m 30' otter trawl Feb. 15, 1960 R. Parker (P59-139)
- C 3094 MV68-I-65E. of Angel de La Guarda, Gulf of Calif. $29^{\circ}20'N$ $113^{\circ}11.5'W$ 265-284m 25' otter trawl Jan. 20, 1968 R/V T. Washington C. Hubbs
- C 3455 R-41 Tanner Basin July 13, 1971 $32^{\circ}48'N$ $119^{\circ}30'W$ 25' otter trawl 1390m R/V Agassiz F. Rokop
- C 3516 SS-72, 107-DB N. Mid-Pacific $34^{\circ}03.41'N$ $172^{\circ}36.72'E$ dredge box 5158m June 21, 1972 R/V Sea Scope

Family Eugonatonotidae

Gen. Indet.

- C 3290 Yvonne Is., near A-bomb craters, Eniwetak Atoll ca. $11^{\circ}30'N$ $162^{\circ}30'E$ 0-60' SCUBA & hand collection Sept. 1971-May 1972 T. Dana
- C 2713 RSN 161 Eniwetak Atoll, Marshall Is., natural reef 13, $11^{\circ}22.5'N$ $162^{\circ}25'E$ 18-20 ft. SCUBA May 11, 1974 0930 R. Nolan
- C 2711 RSN 150 Eniwetak Atoll, Marshall Is., natural reef 31, $11^{\circ}22.5'N$ $162^{\circ}25'E$ 20-40 ft. SCUBA Feb. 18, 1974 R. Nolan
- C 2710 RSN 111 Eniwetak Atoll, Marshall Is., natural reef 31, $11^{\circ}22.5'N$ $162^{\circ}25'E$ 20-40 ft. SCUBA July 8, 1973 1500 hrs. R. Nolan
- C 2707 RSN68 Eniwetak Atoll, Marshall Is., natural reef 17, $11^{\circ}22.5'N$ $162^{\circ}25'E$ 20 ft. rotenone & SCUBA Sept. 25, 1972 1630 hrs. R. Nolan

- C 2703 Eniwetak Atoll, Marshall Is., artificial reef 8, $11^{\circ}22.5'N$ $162^{\circ}25'E$ 30 ft. rotenone & SCUBA Aug. 24, 1972 1430 hrs. R. Nolan (SI075-594)

Family Rhynchocinetidae

Rhynchocinetes sp.

- C 2694 TEPE70-28 Aguagalarna Is., Holandes Cay, San Blas Is., Panama $09^{\circ}35'30"N$ $78^{\circ}46'00"W$ R/V A. Helix W. Newman, S. Luke 5-15 ft. SCUBA
- C 2614 MV65-IV-66 Isla Juan Fernandez, Bahia Villagra, Chile, ca. $33^{\circ}39'45"S$ $78^{\circ}52'50"W$ 25-30 ft. chemfish & SCUBA Dec. 15, 1965 (SI065-657) W66-56 W. Baldwin
- C 2979 SI068-498 Midway Is. #62 lagoon just inside outside reef 2-15 ft. rotenone Sept. 24, 1968 1300-1600 R. Rosenblatt
- Gen. Indet.
- C 3339 SI067-45 Toro Pt. Panama, Atlantic side, coral reef hand nets 0-15 ft. Mar. 23, 1967 R. Rosenblatt
- C 3656 SI065-657 Bahia Villagra, Isla Juan Fernandez $33^{\circ}39.8'S$ $78^{\circ}52.8'W$ 25-30 ft. chemfish & SCUBA Dec. 15, 1965 W. Baldwin
- C 3465 Midway Is., ca. $28^{\circ}13'N$ $177^{\circ}24'W$ 15 ft. skindiving Sept. 24, 1968 T. Cukr

Family Palaemonidae

Palaemon ritteri Holmes

- C 3154 SIO48-84 Mangrove Pond, W.N.W. of Pta. Abreojos, Baja Calif. Sur $26^{\circ}45'45"N$ $113^{\circ}38'00"W$ 1 ft. Feb. 12, 1948 C. Hubbs
- C 3153 RR61-43 El Cardonal Cove, Espiritu Santo Is. Isla Partida, June 23, 1961 $24^{\circ}32.6'N$ $110^{\circ}23.35'W$ noxfish 3-5 ft. B. Walker (SIO61-265)
- C 3152 RR61-20 Pta. Los Frailes, Baja Calif. Sur, $23^{\circ}24'N$ $109^{\circ}24.5'W$ 65 ft. chemfish & diving June 17, 1961 R. Rosenblatt (SIO61-242)
- C 3150 SIO68-171 tide pools at S. end of Pta. Sabalo, Mazatlan, Sinaloa 1-6 ft. guinaldine Mar. 20, 1968 T. Dana (JEM68-8)
- C 3149 SIO65-114 Cholla Pta., 5 mi. N of Puerto Penasco, Sonora, Mex. Apr. 12, 1965 tide pool D. Jensen
- C 3132 San Carlos Bay, Sonora, Mexico
- C 3133 Esteros de Pta. Banda, Baja Calif. Norte, Mexico Sept. 4, 1952 Bag seine Ball Mattson
- C 3134 Puerto Penasco, Sonora, Mexico, tidepools Oct. 9, 1968 T. Cukr
- C 3136 SIO61-185 beach S.E. of Village, Bahia de Los Angeles, Baja Calif. $28^{\circ}56.3'N$ $113^{\circ}34.3'N$ 2.5 ft. derris poison June 4, 1961 C. Hubbs
- C 3137 SIO61-184 Beach N. of N. fish Camp, Bahia San Louis Gonzaga $29^{\circ}49.3'N$ $114^{\circ}24.4'W$ May 2, 1961 noxfish C. Hubbs
- C 3138 H48-87 Laguna Coyote, S.W. Shore, Baja Calif. Sur $26^{\circ}48'22"N$ $113^{\circ}27'30"W$ 3 ft. 17' goby seine Feb. 14, 1948 C. Hubbs
- C 3141 SIO62-215 Pta. Ventana, Isla Ventana, Bahia de Los Angeles $29^{\circ}00.2'N$ $113^{\circ}31.7'W$ 3m pronoxfish April 21, 1962 C. Hubbs
- C 3147 RR65-35 S. end of N. cove Agua Verde Bay, $25^{\circ}31.2'N$ $111^{\circ}04.8'W$ 15 ft. noxfish & skin-diving July 11, 1965 B.W. Walker (SIO65-289)
- C 1878 'ECCE' Pta. Pequena, Baja Calif. Sur $26^{\circ}14'N$ $112^{\circ}28.5'W$ rocky intertidal July 20, 1975 coll. Hemingway, Luke

Palaemon sp.

C 3135 Magdalena Bay, Baja Calif. Sur, Mexico April 2, 1920

Palaemonetes kadiakensis Rathbun

C 759 Rio Hardy Camp, Rio Hardy, Mexico Baja Calif. coll. J. St. Amant Calif. Fish & Game Chino, Calif.

Palaemonetes paludosus (Gibbes)

C 3130 86 km. Vuelta Rio Hardy, Lower Colorado River, Baja Calif. Norte April 8, 1968 St. Amant

Palaemontes sp.

C 3129 Turner Pond, Sanibel Is., S.W. Florida, Gulf of Mexico (closed two years) minnow seine March 1935

C 3155 Mag Bay C-16 Mangroves between Boca Sodelad & Bocca Santo Domingo $25^{\circ}23.3'N$
 $112^{\circ}05.7'W$ rotenone & dip net 5 ft. Feb. 5, 1964 A. Stover (SIO64-84)

Brachycarpus biunguiculata Lucas

C 1060 Clipperton Island Oct. 20, 1956 poison coll. W. Baldwin

C 3148 SIO67-38 Isla San Jose, Pearl Is., Panama 10-15 ft. rotenone & diving March 29, 1967 coral R. Rosenblatt

C 3140 SIO61-239 Pta. Los Frailes, Baja Calif. Sur, Mexico ca. $23^{\circ}24'N$ $109^{\circ}24.75'W$ 15 ft. chemfish & diving June 16, 1961 R. Rosenblatt (RR61-17)

C 3142 RR61-11 Cabo San Lucas, Baja Calif. Sur $22^{\circ}52'32"N$ $109^{\circ}53'42"W$ 80-110 ft. chemfish & SCUBA June 14, 1961 R. Rosenblatt (SIO 61-233)

C 3143 SIO61-252 Pta. Pescadero, Baja Calif. Sur, Mexico $23^{\circ}47.5'N$ $109^{\circ}41.25'W$ 30 ft. chemfish & diving June 20, 1961 (RR61-30)

C 3146 RR61-5 Cabo San Lucas, Baja Calif. Sur $22^{\circ}52'32"N$ $109^{\circ}53'42"W$ 0-75 ft. rotenone & diving June 13, 1961 R. Rosenblatt (SIO 61-227)

Macrobrachium sp.

C 3131 Mirafloras Lake, Panama Nov. 4, 1962 J. W. Cobarrubias

C 3139 SIO61-424 Moanalua Stream, Oahu, Honolulu, $21^{\circ}17.3'N$ $157^{\circ}53.7'W$ bag seine Nov. 2, 1961 C. Hubbs

Pontonia californiensis Rathbun

C 3073 N. of Pta. Belcher, Magdalena Bay, Baja Calif. Sur, Mexico Feb. 3-6, 1964 commensal with Pinna

Pontonia pinnae (Lockington)

C 3077 31 mi. S. of San Felipe, Baja Calif. Norte, Mexico Feb. 15, 1972 commensal with Atrina tuberculosa J. Gemmell

Pontonia sp.

C 3076 Inside Pta. Redondo, Bahia Magdalena, Baja Calif. Sur, Mex. Dec. 7, 1962 found inside skiff, may have been in abalone shell D. Dockius

Periclimenes infraspinis (Rathbun)

C 3151 B6212-26 N. of Pta. Belcher, Bahia Magdalena, Baja Calif. Sur, $24^{\circ}35.25'N$
 $112^{\circ}05.2'W$ chemfish & diving 0-25 ft. Dec. 8, 1962 D. Dockins (SIO62-726)

Periclimenes tenuipes Holmes

C 1328 Mission Bay, San Diego, Calif. 1967.

Gen. Indet.

C 2634 RR65-81 N. of Mangles Pt., Gulf of Calif. $26^{\circ}19.2'N$ $111^{\circ}24.0'W$ July 20, 1965 60-65 ft. chemfish & SCUBA R. Rosenblatt (SIO65-335)

C 3309 SIO62-235 Bahia de Los Angeles, Baja Calif. Norte $29^{\circ}01.1'N$ $113^{\circ}35.2'W$ 1 $\frac{1}{2}$ m chemfish April 26, 1962 C. Hubbs

- C 3317 RR70-18 S. of Cerro Colorado, Sonora, Mexico chemfish & SCUBA 10 ft. sargassum bed Mar. 23, 1970 J. McCosker (SIO70-84)
- C 3318 DFH68-4 Campo Uno, 1 mi. N. of San Felipe, Baja Calif. Norte ca. $31^{\circ}03'N$ $114^{\circ}48'W$ intertidal dipnet Jan. 20, 1968 D. Hoese (SIO68-45)
- C 3336 SIO61-425 Moanalua Stream, Honolulu, Oahu, Hawaii $21^{\circ}17.3'N$ $157^{\circ}53.7'W$.5m 50'x5' bag seine Nov. 2, 1961 C. Hubbs
- C 3343 B6212-31 TR-76 Bahia Santa Maria, Baja Calif. Sur, $24^{\circ}44.4'N$ $112^{\circ}12.4'W$ 80 ft. 10' otter trawl Dec. 8, 1962 J. Copp
- C 3353 SIO68-171 S. end of Pta. Sabalo, Mazatlan, Sinaloa, Mexico, 1-6 ft. tidepools, noxfish Mar. 20, 1968 J. McCosker (JEM68-8)
- C 3389 RR65-30 Bahia de La Paz, Baja Calif. Sur, $25^{\circ}18'N$ $110^{\circ}52.5'W$ 0-10 ft. snorkel July 10, 1965 B. Walker
- C 3397 N. Whale Is., San Ignacio Lagoon, Baja Calif. Sur, Mexico Feb. 9, 1950 rocky intertidal M. W. Johnson
- C 3406 TEPE70-35 Niaklubir Is., Holandes Cay, San Blas, Panama 0-4 ft. $09^{\circ}35'07"N$ $78^{\circ}44'27"W$ snorkel Oct. 7, 1970 R/V A. Helix W. Newman, S. Luke
- C 3415 RR61-31 Bahia Muertos, Baja Calif. Sur, $23^{\circ}59.5'N$ $109^{\circ}48.8'W$ 30 ft. diving & dipnets June 20, 1961 (SIO61-253)
- C 3417 Bahia Cornwallis, Isla Socorro, Mexico ca. $18^{\circ}N$ $111^{\circ}W$ 5-20 ft. SCUBA Feb. 19, 1972 in living coral R. Kiwala
- C 3111 Campo BBB, Rio Hardy, Baja Calif. Norte, below Mexacalli, Oct. 3, 1976 dip net in fresh water river 40 mi. from Gulf of Calif. S. Luke freshwater: recent heavy rains ie. Chabasco
- C 2857 SIO70-80 Estero de Tastiota, N. of Guaymas, Sonora, Mexico, pool on sand 0-12 ft. rotenone Mar. 21, 1970 R. Rosenblatt (RR70-14)
- C 2649 RR65-42 Agua Verde Bay, Baja Calif. Sur, $25^{\circ}30.7'N$ $111^{\circ}04.2'W$ 5 ft. noxfish July 12, 1965 W. Baldwin (SIO65-296)
- C 1402 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetok Atoll, ca. $11^{\circ}30'N$
 $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 2457 RR65-17 canal de San Jose, Baja Calif. Sur, $24^{\circ}59.75'N$ $110^{\circ}46.0'W$ 0-4 ft. chemfish & snorkel July 8, 1965 B. W. Walker
- C 3158 TEPE70-8 Bahia Damas, Isla Coiba, Panama $07^{\circ}23'35"N$ $81^{\circ}38'45"W$ intertidal, chemfish Sept. 17, 1970 R/V A. Helix W. Newman, S. Luke
- C 3160 Monsoon 71D Sta. VI-2 E. of New Zealand $43^{\circ}10'S$ $175^{\circ}15'E$ 119m Rock Dredge Jan. 29, 1961 Russell
- C 2411 RR65-55 Bahia Santa Inez, Baja Calif. Sur $27^{\circ}56.5'N$ $112^{\circ}00.5'W$ 0-5 ft. noxfish July 14, 1965 B. Walker
- C 3161 Drain 1C, about 20 mi. E. of El Centro, Imperial Co., Calif. James St. Amant
- C 3162 RR65-69 N. end of Pta. Lobos, Carmen Is., Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ 0-20 ft. noxfish July 17, 1965 B. Walker
- C 2476 San Ignacio Lagoon, Baja Calif. Sur, Mex. ca. $26^{\circ}45'N$ $113^{\circ}12'W$ rocky intertidal Mar. 23, 1976 S. Luke
- C 3163 DFH68-7 & 12 Las Pintas Cove, 3 mi. N.W. of Bahia San Carlos, W. of Guaymas, Sonora ca. $28^{\circ}N$ $111^{\circ}W$ plankton net April 18, 1968 0-30 ft. D. Hoese (SIO68-235-236)

- C 3164 H48-87 S.W. Shore of Laguna Coyote, Baja Calif. Sur $26^{\circ}48'N$ $113^{\circ}27.5'W$ 3 ft. 17' goby seine Feb. 14, 1948 C. Hubbs
- C 3165 DFH68-20 Esteros Soldado, N.W. of Guaymas, Sonora, Mexico $27^{\circ}58'N$ $111^{\circ}00'W$ 0-4 ft. chemfish April 12, 1968 D. Hoese (SIO68-242)
- C 3248 SIO67-37 Isla San Jose, Pearl Is. Panama ca. $08^{\circ}20'N$ $79^{\circ}20'W$ 0-4 ft. rotenone & diving Mar. 28, 1967 R. Rosenblatt
- C 3256 Te Vega Exped. Fanidu Is., Maldives group $5^{\circ}N$ $72^{\circ}E$ ca. 80 ft. Nov. 5, 1964 from pearl shell growing on gorgonian L. Taylor
- C 3258 R/V Chain, Crs. 31, W. of Bermuda ca. $32^{\circ}N$ $68^{\circ}W$ July 12, 1965 Hessler, Newman
- C 3272 SIO67-133 Ensenada Camp, N. of San Felipe, Baja Calif. Norte ca. $31^{\circ}114^{\circ}48'W$ hand net 0-2 ft. May 22, 1967 D. Hoese
- C 3286 MV71-I-14 Lobster Camp, E. side of Guadalupe Is. $29^{\circ}00.1'N$ $118^{\circ}13.6'W$ rocky intertidal May 21, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 3289 Yvonne Is., near A-bomb craters, Eniwetok, ca. $11^{\circ}30'N$ $162^{\circ}30'E$ 0-60' SCUBA & hand collection Sept. 1971-May 1972 T. Dana
- C 3292 SIO67-40 Isla Saboga, Pearl Is., Panama, along edge of reef 10 ft. rotenone & diving Mar. 30, 1967 R. Rosenblatt
- C 3277 MV73-I-1 La Paz Pier, Baja Calif. Sur, $24^{\circ}11'46''N$ $110^{\circ}18'07''W$ Mar. 29, 1973 from pier pilings C. Hubbs, S. Luke
- C 3298 MV65-II-10 Mangrove lagoon, Almejas Bay $24^{\circ}22.66'N$ $111^{\circ}42.6'W$ 7 ft. rotenone & hand net June 15, 1965 B. Zahuranec (SIO 65-182)
- C 3241 Wafer Bay, Cocos Island, Costa Rica, fresh water stream Dec. 5, 1959 W. L. Klawe
- C 2720 Eniwetok Atoll, Marshall Is., $11^{\circ}22.5'N$ $162^{\circ}25'E$ rotenone & SCUBA 0-25 ft. 1972-1974 R. Nolan (RSN)
- C 2777 1st bay S. of Santispac Lagoon, Bahia Concepcion, Baja Calif. Sur ca. $26^{\circ}43'N$ $111^{\circ}50'W$ Mar. 25, 1975 mangroves R. Bauer
- C 3491 SIO70-378 Fearnaud Lake, Louisiana, S. of Lafayette 10' otter trawl Mar. 30, 1970 D. Hoese
- C 2455 RR65-54 Bahia Santa Inez, Baja Calif. Sur $26^{\circ}54.5'N$ $111^{\circ}58.2'W$ 0-12 ft. noxfish July 14, 1965 B. Walker
- C 3661 RR70-22 S. side of cove, S. of Cerro Colorado, Sonora, Mex. Mar. 24, 1970 R. Rosenblatt (SIO70-88)
- C 3671 RR70-3 rocky area $\frac{1}{2}$ mi. S. of Cerro Colorado, Sonora, Mex. chemfish & diving 0-4 ft. Mar. 17, 1970 R. Rosenblatt (SIO70-69)
- C 3660 RR70-22 S. side of cove, S. of Cerro Colorado, Sonora, Mex. Mar. 24, 1970 R. Rosenblatt (SIO70-88)
- Family Alpheidae**
- Alpheus armillatus***
- C 3372 Beaufort, North Carolina, U.S.F. Pier, intertidal under rocks April 18, 1943 Martin W. Johnson
- Alpheus bellimanus*** Lockington
- C 3367 Mission Bay entrance channel, San Diego, Calif. 10 ft. among *Chaetopterus* tubes Mar. 16, 1963 T. Hopkins
- Alpheus clypeatus***
- C 3429 Waikiki, Territory of Hawaii ca. $21^{\circ}16'N$ $157^{\circ}50'W$ 1943 R. D. Russell
- Alpheus dentipes*** Guerin
- C 3356 Palomar Reef, La Jolla, Calif. intertidal Jan. 7, 1970 R. Bauer
- C 3075 SIO63-174 S. side of Islote Negro, Isla Guadalupe, Mexico 0-65 ft. chemfish & SCUBA April 23, 1963 J. Stewart
- C 3375 La Jolla, Calif. 1944 Martin W. Johnson
- C 3370 Point Loma, San Diego, Calif. intertidal Mar. 7, 1963 T. Hopkins
- Alpheus pacificus*** Dana
- C 3427 Waikiki, Territory of Hawaii, ca. $21^{\circ}16'N$ $157^{\circ}50'W$ 1943 R. D. Russell
- C 1059 Clipperton Island Oct. 20, 1956 poison coll. W. Baldwin
- Alpheus ventrosus***
- C 3420 Pt. Cruze, Russell Is., Guadalcanal Is., Solomon Is., ca. $09^{\circ}S$ $159^{\circ}E$ 1943 W. Loomis
- C 3428 Waikiki, Territory of Hawaii, ca. $21^{\circ}16'N$ $157^{\circ}50'W$ 1943 R. D. Russell
- Alpheus sp.***
- C 3393 Dana Point, Calif., from excavated marina site, now subtidal May 13, 1969 F. Rokop
- C 3396 N. Whale Is., San Ignacio Lagoon, Baja Calif. Sur, Mexico Feb. 9, 1950 rocky intertidal M. W. Johnson
- C 3395 B6212-4 tip of Pta. Marquis, Baja Calif. Sur, $23^{\circ}56.8'N$ $110^{\circ}52.2'W$ 15-25 ft. diving Dec. 4, 1962 D. Dockins (SIO62-704)
- C 3398 Dana Marina, Mission Bay, San Diego, Calif. June 22, 1969 from Hinnites shell T. Cuhr 6 ft. SCUBA
- C 3399 N. end of Rest Beach, Key West, Fla. April 4, 1943 M. W. Johnson
- C 3402 TEPE70-17 N.E. bays of Isla Cavada, Islas Secas, Panama, $07^{\circ}59.3'N$ $82^{\circ}01.5'W$ 0-15 ft. SCUBA Sept. 21-23, 1970 R/V A. Helix W. Newman, S. Luke
- C 3403 SIO64-10 S. of Pta. Magdalena, Baja Calif. Sur, $24^{\circ}37'N$ $112^{\circ}07'W$ dip net Jan. 29, 1964 H. Lowenstam (Mag Bay A-12)
- C 3407 TEPE70-35 S.E. end of Niaklubir Is., Holandes Cay, San Blas, Panama $09^{\circ}35'07''N$ $78^{\circ}44'27''W$ Oct. 7, 1970 0-4 ft. snorkel R/V A. Helix W. Newman, S. Luke
- C 3412 MV65-II-14 E. of Cabo San Lucas, Baja Calif. Sur $22^{\circ}54.2'N$ $109^{\circ}50.1'W$ 0-40 ft. rotenone & diving June 20, 1965 R/V N. Rex, Zahuranec (SIO65-186)
- C 3414 RR61-31 Muertos Bay, Baja Calif. Sur, $23^{\circ}59.5'N$ $109^{\circ}48.8'W$ 30 ft. chemfish, diving June 20, 1961 (SIO61-253)
- C 3413 H50-72 San Ignacio Lagoon, off old Whaling Station, Baja Calif. Sur, Mex. 5 ft. shrimp dredge Feb. 11, 12, 1950 C. Hubbs
- C 3416 MV71-I-14 Lobster Camp, E. side of Guadalupe Is., Baja Calif. $29^{\circ}00.1'N$ $118^{\circ}13.6'W$ intertidal May 21, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 3418 Bahia Cornwallis, Isla Socorro, Mexico ca. $18^{\circ}N$ $111^{\circ}W$ 5-20 ft. SCUBA Feb. 19, 1972 in living coral R. Kiwala
- C 3424 Quivira entrance channel, Mission Bay, San Diego, Calif. May 4, 1963 T. Hopkins
- C 3432 San Pedro, Calif. summer 1913 Cat. 1221
- C 3433 Kelp hold fast, La Jolla, Calif. Dec. 4, 1915 H. O. Falk, P. S. Barnhart
- C 3437 Venice, Calif. Mar. 13, 1913
- C 3438 from kelp hold fast washed up on beach, Scripps Inst., La Jolla, Calif. Mar 2, 1915 P. S. Barnhart
- C 3439 outer ledge of rock, N. of Scripps Inst. La Jolla, Calif. Oct. 23, 1915

- C 3440 Kelp holdfast & logs washed upon Scripps Beach, La Jolla, Calif. Mar. 1, 1916
- C 3441 La Jolla submarine canyon rim, La Jolla, Calif. 60 ft. Sept. 8, 1955 probably in Chaetopterous tube
- C 3442 off San Diego, Calif., Cortez Banks $32^{\circ}24.2'N$ $119^{\circ}06.2'W$ trawl July 18, 1908
- C 3450 B6212-34 Bahia Santa Maria, Baja Calif. Sur $24^{\circ}45.8'N$ $112^{\circ}15.9'W$ 0-20 ft. diving Dec. 9, 1962 J. Copp (SI062-734)
- C 3373 B6212-6 tip of Pta. Marquis, Baja Calif. Sur, Ca. $23^{\circ}52'N$ $110^{\circ}58'W$ 10-20 ft. diving Dec. 4, 1962 D. Dockins (SI062-706)
- C 3374 Dredged in San Diego Yacht Harbor Sept. 22, 1942 Martin W. Johnson
- C 3376 Sumner Canyon off Scripps Inst., La Jolla, Calif. 90 ft. SCUBA April, 1969 R. Kiwala
- C 3377 S.D.G.&E. Plant, Carlsbad Lagoon, Carlsbad, Calif. intake tunnel J. Miller Sept. 3, 1958
- C 3378 Lusiad LSD H-17 Seychelles, Indian Ocean ca. $04^{\circ}30'S$ $54^{\circ}30'E$ Oct. 19, 1962 R/V Horizon G. Shor dredge
- C 3379 Lusiad LSD H-16 Seychelles, Indian Ocean ca. $04^{\circ}31'S$ $54^{\circ}30'E$ dredge Oct. 19, 1962 G. Shor R/V Horizon
- C 3380 RR61-26 N. of Los Frailes, Baja Calif. Sur, $23^{\circ}25.25'N$ $109^{\circ}25.5'W$ 0-15 ft. diving & dipnets June 18, 1961 (SI061-248)
- C 3381 SI068-166 Algadones Bay, N. of San Carlos Bay, Sonora, Mexico 10 ft. hand collected in Porites Calif. Mar. 17, 1968 (JEM 68-3)
- C 3383 La Jolla Beach & Tennis Club tidepools, La Jolla, Calif. July 1, 1969 D. Wilkie
- C 3384 RR61-50 Boca de Partida, Espiritu Santo Is., $24^{\circ}31.5'N$ $110^{\circ}23.75'W$ 50 ft. diving June 24, 1961 R. Rosenblatt (SI061-272)
- C 3385 SI061-184 Beach N. of fish camp, Bahia San Luis Gonzaga, Baja Calif. Norte $29^{\circ}49.3'N$ $114^{\circ}24.4'W$ May 2, 1961 C. Hubbs
- C 3386 SI061-225 Cabo San Lucas, Baja Calif. Sur, $22^{\circ}52'32"N$ $109^{\circ}53'52"W$ 0-20 ft. diving June 12, 1961 R. Rosenblatt (RR61-3)
- C 3387 SI059-307 Punta Banda, Papalote Bay, Baja Calif. Norte 0-35 ft. SCUBA & wall net, kelp C. Hubbs Aug. 10, 1959
- C 3388 RR65-30 Bahia de La Paz, Baja Calif. Sur, $25^{\circ}18'N$ $110^{\circ}52.5'W$ 0-10 ft. snorkel July 10, 1965 B. Walker
- C 3391 TEPE70-5 N. shore of Isla Jicaron, Panama, $07^{\circ}01'20"N$ $87^{\circ}47'15"W$ 1-2 ft. SCUBA Sept. 16, 1970 R/V A. Helix W. Newman, S. Luke
- C 3392 SI062-228 S. arm of Bahia de Los Angeles, Baja Calif. Norte $28^{\circ}55.6'N$ $113^{\circ}33.8'W$ 0-6 ft. chemfish April 24, 1962 C. Hubbs
- C 3368 San Ignacio Lagoon, Baja Calif. Sur, Mexico E. side of N. Whale Is., Feb. 10, 1950 Martin W. Johnson
- C 3369 La Jolla, Calif.? on the beach? June 29, 1906 15-7m.
- C 3371 Dredged in San Diego Yacht Harbor 1943
- C 3357 Magdalena Bay, Baja Calif. Sur, Mexico April 2, 1920
- C 3359 H48-229 E. of Sugarloaf Rock, Bahia Descanso, Baja Calif. ca. $32^{\circ}20'N$ $117^{\circ}05'W$ 20-26m pipe stem dredge Aug. 13, 1948 'E. W. Scripps' C. Hubbs
- C 3361 6108-B-9 San Juanito Is., Tres Marias Is., Mexico $21^{\circ}44'N$ $106^{\circ}42.3'W$ 3 ft. noxfish Aug. 14, 1961 F. H. Berry (SI062-9)
- C 3363 Academy Bay, Santa Cruz Is., Galapagos Is., Ecuador tide pool
- C 3366 Pt. Cruze, Russell Is., Guadalcanal Is., Solomon Is., ca. $09^{\circ}S$ $159^{\circ}E$ 1943 W. Loomis
- C 3345 TEPE70-12 Islas Ladrones, Panama $07^{\circ}52'N$ $82^{\circ}27'W$ shore collection Sept. 19, 1970 R/V A. Helix W. Newman, S. Luke
- C 3346 TEPE70-13 Islas Ladrones, Panama, $07^{\circ}52.20'N$ $82^{\circ}27.75'W$ intertidal cave, SCUBA Sept. 19, 1970 R/V A. Helix W. Newman, S. Luke
- C 3347 N. Whale Is., San Ignacio Lagoon, Baja Calif. Sur, Mex. Feb. 9, 1950 Martin W. Johnson
- C 3348 RR61-43 El Cardonal Cove, Isla Partida, Espiritu Santo Is., $24^{\circ}32.6'N$ $110^{\circ}23.35'W$ 3-4.5 ft. noxfish June 23, 1961 B. Walker (SI061-265)
- C 3349 SI061-185 Bahia de Los Angeles, S.E. of village, Baja Calif. Norte $28^{\circ}56.3'N$ $113^{\circ}34.3'W$ 2½ ft. derris May 4, 1961 C. Hubbs
- C 3350 RR61-30 Pta. Pescadero, Baja Calif. Sur, $23^{\circ}47.5'N$ $109^{\circ}41.25'W$ 30 ft. June 20, 1961 chemfish & diving (SI061-252)
- C 3351 SI068-171 S. end of Pta. Sabalo, Mazatlan, Sinaloa, Mexico 1-6 ft. tidepools, noxfish Mar. 20, 1968 T. Dana, J. McCosker (JEM68-8)
- C 3354 RR65-35 Aqua Verde Bay, N. Cove, Baja Calif. Sur, $25^{\circ}31.2'N$ $111^{\circ}04.8'W$ 0-10 ft. skindiving July 11, 1965 B. Walker (SI065-289)
- C 3355 The Rope Beach, Pitcairn Is., ca. $25^{\circ}S$ $130^{\circ}W$ Jan. 31, 1971 L. Ritchie
- C 3287 SI059-354 off Bird Rock, La Jolla, Calif. 600' wallnet Sept. 25, 1959 40-45 ft. C. Hubbs
- C 1599 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 1600 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 3443 JEM68-12 tidepools at N. end of Pta. Sabalo, Mazatlan, Sinaloa, 0-5 ft. chemfish Mar. 22, 1968 J. McCosker (SI068-175)
- C 3444 SI061-185 Los Angeles Bay, Baja Calif. Norte $28^{\circ}56.3'N$ $113^{\circ}34.3'W$ 0-2½ ft. derris poison May 4, 1961 C. Hubbs
- C 3445 Capricorn 56 Alexa Bank, N. Fiji Basin ca. $11^{\circ}40'S$ $175^{\circ}09'E$ Dec. 8, 1952 J. Isaacs
- C 3446 Monsoon - Oahu, Hawaii 0-10 ft. skindiving Sept. 7, 1960 R/V Argo Rowland
- C 3447 RR61-58 Lobos Rock, Baja Calif. Sur $24^{\circ}18'N$ $110^{\circ}20.4'W$ 0-60 ft. diving & dipnets June 26, 1961 R. Rosenblatt (SI061-280)
- C 2362 Farnsworth Bank, Catalina Is., Calif. Dec. 14, 1969 J. McCosker 80-90 ft. SCUBA
- C 2637 RR65-60 Pta. Concepcion, Baja Calif. ca. $26^{\circ}50'N$ $111^{\circ}45'W$ skindiving & noxfish 0-15 ft. July 15, 1965 W. Baldwin (SI065-314)
- C 2648 RR65-42 Bahia Agua Verde, Baja Calif. Sur, $25^{\circ}30.7'N$ $118^{\circ}04.2'W$ 5 ft. noxfish July 12, 1965 B. Walker (SI065-296)
- C 1380 MV73-I-65 Golfo de Fonseca, El Salvador $13^{\circ}06.5N$ $87^{\circ}57.6'W$ $13^{\circ}05.1'N$ $87^{\circ}59.5'W$ 24-29m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Synalpheus cf. nobilii Coutiere
- C 1058 Clipperton Island, Poison Oct. 20, 1956 W. Baldwin
- Synalpheus sp.
- C 3547 RR65-69 N. end of Pta. Lobos, Carmen Is., Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ 0-20 ft. noxfish July 17, 1965 B. Walker (SI065-323)

- C 3458 B6212-6 tip of Pta. Marquis, Baja Calif. Sur, ca. 24°N 111°W 10-20 ft. chemfish & diving Dec. 4, 1962 D. Dockins (SIO62-706)
- C 3461 Kelp holdfast washed upon Scripps Inst. Beach, La Jolla, Calif. Mar. 2, 1915 P. S. Barnhart
- C 3462 JEM68-8 tidepools S. end of Pta. Sabalo, Mazatlan, Sinaloa, Mex. 1-6 ft. Mar. 20, 1968 J. McCosker (SIO68-171)
- C 3463 La Paz, Baja Calif., Sur, Mexico Dec. 15, 1959 Lemeche
- C 3464 SIO63-174 Islote Negro, Isla Guadalupe, Baja, Calif. Norte 0-65 ft. diving Apr. 23, 1963 J. Stewart
- C 3511 Transpac Exped. Midway Lagoon 20 ft. Nov. 11, 1953 (1600)
- C 3510 Capricorn 55 Alexa Bank, lagoon side of ledge ca. 11°40'S 175°08'E diving 120 ft. Dec. 8, 1952 (SIO60-132)
- Alpheopsis sp.
- C 3405 M15oT-15 off Morro Bay, Calif. 35°10'N 121°02'W 25' otter trawl 99m April 2, 1974 R/V Agassiz T. Matsui
- Betaeus longidactylus Lockington
- C 1325 Point Loma Coast Guard Light House, San Diego, Calif. rocky intertidal last week of May 1966 coll. D. Hoese
- C 1367 H51-34 Reef on N. side of Punta Banda, S. side of Todos Santos Bay derris poison Feb. 6, 1951 1430-1730 -1.6 tide coll. C. Hubbs on 'Orca'
- C 1301 SIO68-45 Campo Uno, 1 mi. N. of San Felipe, Baja Calif. ca. 31°03'N 114°48'W intertidal rocks, Rotenone, dipnets Jan. 20, 1968 coll. D. Hoese
- C 3435 La Jolla, Calif. July 15, 1904
- C 3430 Outer reef of rocks, Scripps Inst. Beach, La Jolla, Calif. Feb. 13, 1915 P.S. Barnhart
- C 3431 Tidepools N. of Scripps Inst., La Jolla, Calif. Feb. 2, 1916 P.S. Barnhart
- C 3422 Point Loma, San Diego, Calif. Sept. 22, 1968
- C 3421 Palomar St. Reef, La Jolla, Calif. intertidal Jan. 7, 1970 R. Bauer
- C 3419 Puerto Penasco, Sonora, Mexico, tidepools S. of Rocky Point May 30, 1969 T. Cukr
- C 3409 Rocky Beach N. of Scripps Inst., La Jolla, Calif. No. 14, 1916 P.S. Barnhart
- C 3408 SIO57-113 Piedras Blancas, Baja Calif. Norte 31°17'40"N 116°25'05"W 0-6 ft. tidepool June 27, 1957 C. Hubbs
- C 3401 Rosarita Beach, Baja Calif. Norte, Mexico intertidal Mar. 6, 1963 T. Hopkins
- C 3394 From Pt. Loma to Scripps Inst., San Diego, Calif. Feb. 24-Mar. 7, 1963 intertidal T. Hopkins
- C 3382 Puerto Penasco, Sonora, Mexico tidepools Oct. 9, 1968 T. Cukr
- C 3360 SIO61-1 Mission Bay, Quivara Basin jetty, San Diego, Calif. 0-10 ft. SCUBA Jan. 6, 1961 J. Stewart
- C 3358 SIO60-15 1 mi. N. of Barracks Cove, Guadalupe Is., Baja Calif., Norte, noxfish, intertidal Jan. 27, 1960
- C 3426 S. San Felipe, Baja Calif. Norte, Mexico April 7, 1963
- Betaeus harfordi Kingsley
- C 3467 SIO59-307 Papalote Bay, Pta. Banda, Baja Calif. Norte Aug. 10, 1959 0-35 ft. SCUBA & wall net kelp, C. Hubbs
- C 3434 La Jolla kelp beds, San Diego, Calif. 50 ft. Jan. 2, 1956 R. Parks, F. Snodgrass
- C 3423 SIO65-71 E. side of Guadalupe Is., Baja Calif. Norte, Mexico 0-20 ft. diving Mar. 4, 1965 C. Hubbs
- Betaeus macginitiae Hart
- C 3364 MV71-I-14 Lobster camp, E. side of Guadalupe Is., Baja Calif. 29°00.1'N 118°13.6'W 0-80 ft. SCUBA May 21, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 3362 3/4 mi. off Alligator Head Pt., La Jolla kelp beds, La Jolla, Calif. 65 ft. on Strongylocentrotus franciscanus Aug. 5, 1959
- Betaeus sp.
- C 3365 Point Loma Light House, San Diego, Calif. May 26, 1966 D. Hoese
- Gen. Indet.
- C 2734 Vermilion Sea VSS-104, bay, E. side of Angel de La Guarda, ca. 29°17'N 113°21'W 73m shell dredge April 10, 1959 R. Parker
- C 2233 SB-51 Tombola, S.W. tip of Isla San Jose, Baja Calif. Sur, ca. 24°45'N 110°35'W intertidal April 14-15, 1960 'Orca' A. Flechsig, Cutter
- C 2719 Eniwetok Atoll, Marshall Is., 11°22.5'N 162°25'E rotenone & SCUBA 1972-1974 0-25 ft. R. Nolan (RSN)
- C 2773 El Regueson, S. of Mulege, Baja Calif. Sur, Mexico ca. 26°50'N 112°W among rocks near mangroves Mar. 26, 1975 R. Bauer
- C 2933 STYX-7MPE680921 Sta. 2 Kure Atoll 28°23'N 178°22'W Sept. 21, 1968 55m rock dredge R/V Agassiz W. Newman
- C 2932 STYX-7 MPE680920 Sta. 1 Nero Bank 27°58.8'N 177°56.5'W 60-73 m rock dredge Sept. 20, 1968 R/V Agassiz W. Newman
- C 2427 DFH66-9 Port Arkansas, Texas, at Marine Science Institute Pier tide trap summer 1964 D.F. Hoese
- C 3246 SIO67-37 N. of Pta. Cruz, Pear Is., Isla San Jose ca. 08°20'N 79°20'W 0-4 ft. rotenone & SCUBA Mar. 28, 1967 R. Rosenblatt
- C 3257 Capricorn Sta. 74 Tongatabu, in harbor 175°10'W 21°10'S intertidal Dec. 26, 1952 R/V Horizon M. Johnson
- C 3260 Pederson reef, Lyford New Providence Is., Bahamas 1 ft. April 13, 1956 C. Limbaugh
- C 3259 Monsoon Exped. Oahu, Hawaii shore collection Sept. 10, 1960 1700-1800
- C 3273 SIO67-133 Ensenada Camp, N. of San Felipe, Baja Calif. Norte ca. 31°N 114°48'W hand-net 0-2 ft. May 22, 1967 D. Hoese
- C 3291 SIO67-40 Isla Saboga, Pearl Is., Panama, along edge of reef 10 ft. rotenone & diving Mar. 30, 1967 R. Rosenblatt
- C 3278 MV73-I-1 La Paz Pier, Baja Calif. Sur, 24°11'46"N 110°18'07"W Mar. 29, 1973 from pier pilings C. Hubbs, S. Luke
- C 3294 RR61-47 Isla Partida, Espiritu Santo Is., Gulf of Calif. 24°32.5'N 110°23.8'W 8-20 ft. SCUBA June 23, 1961
- C 3295 SIO59-307 Punta Banda, Papalote Bay 0-35 ft. SCUBA & wall net kelp Aug. 10, 1959 C. Hubbs
- C 3296 RR65-11 Isla San Jose, Gulf of Calif. 24°52'25"N 110°37.0'W July 7, 1965 ca. 20 ft. chemfish & SCUBA R. Rosenblatt (SIO65-265)
- C 3305 RR61-15 Bahia San Jose del Cabo, Baja Calif. Sur, 23°00.75'N 109°42.25'W 30 ft. chemfish & diving June 15, 1961 R. Rosenblatt (SIO61-237)

- C 1403 Yvonne Is., near bomb craters Cactus and La Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 2475 San Ignacio Lagoon, Baja Calif. Sur, Mexico ca. 23.
- C 3459 SIO61-2 Cabo San Quintin, Baja Calif. Norte ca. 2 mi. N. of tip of Pt., pronoxfish & dipnets, tidepools June 17, 1961 J. Stewart
- C 3313 RR65-16 Canalde San Jose, Baja Calif. Sur, $24^{\circ}59.75'N$ $110^{\circ}46'W$ 45-70 ft. chemfish July 8, 1965 R. Rosenblatt
- C 3315 RR65-75 Ildefonso Is., S. end, ca. $26^{\circ}38'N$ $111^{\circ}26.5'W$ July 19, 1965 80-105 ft. chemfish & SCUBA R. Rosenblatt
- C 3319 DFH68-4 Campo Uno, 1 mi. N. of San Felipe, Baja Calif. Norte ca. $31^{\circ}03'N$ $114^{\circ}48'W$ intertidal dipnets Jan. 20, 1968 D. Hoese (SIO68-45)
- C 3321 Farnsworth Ridge, near Santa Catalina Is., Calif. Oct. 9, 1969 100 ft. SCUBA Kiwala & Wilke
- C 3337 SIO67-220 Manahiki Is., Tokelau Is., ocean-side reef flat $10^{\circ}25'S$ $161^{\circ}W$ hand net May 31, 1967 P. Sertic (LT-8)
- C 3340 SIO67-45 Toro Pt., Panama, Atlantic side, hand nets, coral reef, 0-15 ft. Mar. 23, 1967 R. Rosenblatt
- C 3436 Tidepools N. of Scripps Inst., La Jolla, Calif. July 14, 1915
- C 1977 SIO66-555 Owens Channel, S. side of Flinders group, Queensland, Australia 20-30 ft. Sept. 1966 otter trawl coll. McConnaughey
- C 3653 CIRCE Rodrigues Is., Indian Ocean $19^{\circ}43'S$ $63^{\circ}30'E$ hand collect. 12-15 ft. Montipora reef Aug. 29, 1968 Donovan
- C 3425 SIO67-38 Isla San Jose, Pearl Is., Panama, rotenone & diving 10-15 ft. Mar. 29, 1967 coral R. Rosenblatt
- C 2449 RR65-46 Salinas Bay, Carmen Is., Baja Calif. Sur $25^{\circ}58.4'N$ $111^{\circ}05.8'W$ 0-7 ft. noxfish & skindiving July 13, 1965 B. Walker
- Family Ogyrididae**
- Ogyrides sp.**
- C 1888 'ECCE' San Juanito Bay, Baja Calif. Sur $26^{\circ}14'N$ $112^{\circ}28'W$ sandy beach intertidal July 20, 1975 coll. Hemingway, Luke
- Family Hippolytidae**
- Heptacarpus carinatus Holmes**
- C 1361 SIO61-12 Frenchman's Reef, $\frac{1}{2}$ mi. S. of Moss Beach, San Mateo Co. Calif. tidal channel-sand, rock, pools, rotenone & dipnets 3 ft. March 12, 1961 coll. K. Radford
- C 1353 SIO54-189 Cuyler Harbor, San Miguel Is., Calif. $34^{\circ}02.56' - 03.20'N$ $120^{\circ}20' - 21^{\circ}34'W$ 8 ft. sand 100' bag seine Sept. 16, 1954 1100-1300 coll. C. Hubbs
- C 2593 H50-279 between Pta. Calavera & Pta. Cabras, below Ensenada, Baja Calif. Norte derris poison 0-5 ft. Dec. 8, 1950 C. Hubbs
- C 1347 SIO67-151 San Simeon Pt., San Luis Obispo, Calif. 0-12 ft. chemfish Nov. 12, 1966 0900-1100 rock, sand coll. E. S. Hobson
- C 2521 SIO69-249 reef 2 mi. N. of Park at San Simeon, San Luis Obispo, Calif. 0-12 ft. Quinaldine & dipnet May 4, 1969 R. Rosenblatt
- C 2554 SIO59-307 Pta. Banda, S. side in Papalota Bay, Baja Calif. Norte, Mex. 0-35 ft. pronoxfish & SCUBA rocks & sand Aug. 10, 1959 C. Hubbs
- Heptacarpus cristatus (Stimpson)**
- C 1352 H49-167b,c, E. of S. end of S. Coronado Is. $32^{\circ}24.8'N$ $117^{\circ}12.9'W - 32^{\circ}23.5'N$ $117^{\circ}10.6'W$ 31-27m CAS pipe dredge Nov. 27, 1949 1311-1419 coll. C. Hubbs on Orca sand
- C 2532 Off Scripps Inst. Beach, La Jolla, Calif. July 17, 1906
- Heptacarpus brevirostris (Dana)**
- C 1344 Olympic Peninsula, La Push, Washington S-9 coll. David Jensen
- C 1460 Friday Harbor, Washington, floating dock pier in algae, dipnet May 1973 coll. R. Bauer
- C 2497 Friday Harbor, Washington trawl May 1-5, 1973 R/V Hydah
- C 1362 SIO61-12 Frenchman's Reef, 1 mi. S. of Moss Beach, San Mateo Co., Calif. tidal channel-sand, rock, pools, rotenone & dipnets. 3 ft. March 12, 1961 coll. K. Radford
- C 1457 Friday Harbor, Washington dip net on Pier May 2, 1973
- Heptacarpus decorus (Rathbun)**
- C 1830 Colnett-64 Banco San Isidro, Baja Calif., Mexico ca. $31^{\circ}N$ $116^{\circ}30'W$ 212m midwater trawl #18 Nov. 24, 1964 R/V Horizon coll. D. Brown, C. W. Jerde
- Heptacarpus palpator (Owen)**
- C 1366 SIO59-307 Punta Banda, Mex. S. side, in Papalote Bay. pronoxfish & SCUBA 0-35 ft. Aug. 10, 1959 1130-1600 rock & sand coll. C. Hubbs
- C 1363 SIO61-12 Frenchman's Reef, 1 mi. S. of Moss Beach, San Mateo Co., Calif. tidal channel-sand, rock, pools, rotenone & dipnets 3 f. March 12, 1961 coll. K. Radford
- C 1358 SIO63-178 Isla Guadalupe, Mexico 2nd cove N. of South Point April 24, 1963 chemfish & SCUBA to 75 ft. 1300-1415 coll. D. Dockins
- C 1356 SIO63-1052 S. edge of Colina del Sudoeste, W. of Bahia San Quintin, Baja Calif. Norte $30^{\circ}25'53''N$ $116^{\circ}01'46''W$ Nov. 30, 1963 Rock tidepools 0-4 ft. rotenone coll. K. Radford
- C 1349 H51-24 Todas Santos Bay, off Punta Banda, Ensenada, Mexico sand & algae 7-13m $31^{\circ}43.6' - 44.3'N$ $116^{\circ}39.6' - 40.4'W$ try net Feb. 4, 1951 1030-1130 coll. A.A. Allanson
- C 1346 SIO67-151 San Simeon Pt., San Luis Obispo, Calif. 0-12 ft. chemfish Nov. 12, 1966 0900-1100 rock, sand coll. E.S. Hobson
- C 1720 'ECCE' PA. 2-B rocky point E. of Pta. Abreojos, Baja Calif. Sur. W. of Bahia de La Baliza $26^{\circ}44'N$ $113^{\circ}35'W$ mid-tide zone hand collected July 24, 1975 coll. Hemingway, Luke
- C 1452 Santa Clara Cove, Mission Bay, San Diego, Calif. dip net in eel grass beds Feb. 9, 1971 coll. R. Bauer
- C 1601 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 2516 Point Loma, San Diego, Calif. from stomach contents of kelp bass Paralabrax clathratus
- C 2514 From holdfast of Elk kelp, Pelagophycus porra. La Jolla, Calif. Nov. 23, 1915
- C 2513 Between Quarantine Sta. & Roseville, San Diego Bay, San Diego, Calif. seine net Feb. 26, 1920 P. S. Barnhart

- C 2502 North Reef, Scripps Inst., La Jolla, Calif.
-1.3 tide Feb. 24, 1963 T. Hopkins
- C 2499 SIO69-249 reef 2.1 mi. N. of park at San Simeon, San Luis Obispo, Calif. 0-12 ft. Quinaldine Mar 4, 1969 R. Rosenblatt
- C 2610 SIO65-71 E. side of Isla Guadalupe, Baja Calif. ca. $28^{\circ}53'N$ $118^{\circ}17'W$ 0-20 ft. chemfish & SCUBA Mar. 4, 1965 C. Hubbs
- C 2619 SIO61-2 Cabo San Quintin, Baja Calif. Norte, Mexico tidepools-pronoxfish ca. 2 mi. N. of tip of Pt. Jan. 17, 1961
- C 2528 Holt Exped. Sta. #4 Uncle Sam Bank, Mexico $25^{\circ}38'N$ $113^{\circ}24'W$ 157m 16' otter trawl Dec. 1, 1960 C. Boyd
- Heptacarpus paludicola Holmes
- C 1355 SIO63-1052 S. edge of Colina del Sudoeste, W. of Bahia San Quintin, Baja Calif. Norte $30^{\circ}25'53"N$ $116^{\circ}01'46"W$ Nov. 30, 1963 Rock tidepools 0-4 ft. rotenone coll. K. Radford
- C 1340 Eel grass Bodega Bay, Calif. Nov. 10, 1969
- C 1318 Bahia San Quintin, Baja Calif. Mexico ca. $30^{\circ}30'N$ $116^{\circ}W$ intertidal coll. G. Crosier 1963
- C 1458 Mission Bay, San Diego, Calif. eel grass bed March 1971 coll. R. Bauer
- C 1461 Argyle Lagoon, Friday Harbor, Washington, dip net in Zostera beds May 21, 1973 coll. R. Bauer
- C 2524 DFH67-2 off Bahia Hotel, Mission Bay, San Diego, Calif. April & May 1967 D. Hoese
- C 2501 SIO69-249 2.1 mi. N. of Park at San Simeon, San Luis Obispo, Calif. Quinaldine & dip-nets 0-12 ft. May 4, 1969 R. Rosenblatt
- C 2542 Between Quarantine Sta. & Roseville, San Diego Bay, San Diego, Calif. Feb. 26, 1920 seine net P. S. Barnhart
- Heptacarpus pictus (Stimpson)
- C 1324 Point Loma Coast Guard Light House, San Diego, Calif. rocky intertidal last week of May, 1966 coll. D. Hoese
- C 2518 North Reef, Scripps Inst., La Jolla, Calif. -1.3 tide Feb. 24, 1963 T. Hopkins
- C 2509 La Jolla, Calif. Aug.-Dec. 1915 H. O. Falk
- C 2496 Point Loma, San Diego, Calif. Sept. 22, 1968
- C 2551 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collec. Jan. 8, 1974 S. Luke
- C 2526 DFH66-31 Pt. Loma Guard Light House, San Diego, Calif. hand net 3-6 ft. Oct. 17, 1966 0530-0630 low tide D. Hoese
- C 1364 H51-34 Reef on N. side of Punta Banda, S. side of Todos Santos Bay derris poison Feb. 6, 1951 1430-1730 -1.6 tide coll. C. Hubbs on 'Orca'
- C 1357 Reef 2 mi. N. of County Park at San Simeon, San Luis Obispo, Calif. 0-12 ft. May 4, 1969 0620-0800 rocks, cobble, gravel, Quinaldine & dipnets coll. R. Rosenblatt
- C 1339 Tidepools of the Marine Room, La Jolla Beach & Tennis Club, La Jolla, Calif. May 30, 1969 coll. T. Cukr
- C 1338 N. Bird Rock, La Jolla, Calif. intertidal Jan. 2, 1969 coll. T. Cukr
- Heptacarpus taylori (Stimpson)
- C 1365 SIO59-307 Punta Banda, Mex. S. Side, in Papalote Bay pronoxfish & SCUBA 0-35 ft. Aug. 10, 1959 1130-1600 rocks & sand coll. C. Hubbs
- C 2761 SIO63-1056 N.W. of Mt. Mazo, W. of Bahia San Quintin $30^{\circ}22'14"N$ $116^{\circ}00'39"W$ 3 ft. tidepools rotenone Dec. 1, 1963 K. W. Radford
- C 1354 SIO68-1052 S. edge of Colina del Sudoeste, W. of Bahia San Quintin, Baja Calif. Norte $30^{\circ}25'53"N$ $116^{\circ}01'46"W$ Nov. 30, 1963 Rock tidepools 0-4 ft. rotenone K. Radford
- C 1348 H49-37 off S. Coronado Is. 27-16m $32^{\circ}24'36"N$ $117^{\circ}13'15"W$ to $14^{\circ}00'W$ April 23, 1949 1441-1456 CAS dredge coll. C. Hubbs on 'Orca'
- C 1343 Scrapings from end piles, Scripps Inst. pier Nov. 8, 1915
- C 1342 Below San Diego, Calif. $32^{\circ}28.0'N$ $117^{\circ}11.2'W$ 30 meters depth Feb. 11, 1912
- C 1327 La Jolla, Calif. Aug.-Dec. 1915 coll. H. O. Falk
- C 1320 Duxbury Reef, Bolinas, Calif. intertidal rocks May 7, 1966 coll. W. Newman & class
- C 1319 Bahia San Quintin, Baja Calif., Mexico ca. $30^{\circ}30'N$ $116^{\circ}W$ intertidal coll. G. Crozier 1963
- C 1306 DFH66-33 Dike Rock, La Jolla, Calif. $32^{\circ}52'N$ $117^{\circ}15'W$ Nov. 1966 tidepool in red algae coll. D. Hoese
- C 2522 SIO69-249 reef 2.1 mi. N. of Park at San Simeon, San Luis Obispo, Calif. 0-12 ft. Quinaldine & dipnet May 4, 1969 R. Rosenblatt
- C 2498 Rosarita, Baja Calif. Norte, Mexico ca. $32^{\circ}23'N$ $117^{\circ}08'W$ Mar. 3, 1963 -1.0 tide T. Hopkins
- C 2569 SIO61-12 Frenchman's Reef, 1 mi. S. of Moss Beach, San Mateo Co., Calif. 3 ft. intertidal channel, rotenone & dipnet Mar. 12, 1961 Radford & Stover
- C 2567 H48-229 Bahia Descanso E. of Sugar Loaf Rock, Baja Calif. Norte, Mexico ca. $32^{\circ}20'N$ $117^{\circ}05'W$ pipestem dredge 20-26m Aug. 13, 1948 E. W. Scripps C. Hubbs
- C 2565 2 mi. W. of Silver Strand, Imperial Beach, Calif. 30' otter trawl March 1972 C. Farwell
- C 2564 SIO63-1054 N.W. of Mt. Mazo, W. of Bahia San Quintin, Baja Calif. Norte $30^{\circ}22'26"N$ $116^{\circ}00'35"W$ Dec. 1, 1963 K. W. Radford
- C 2549 H52-229 Punta San Antonio, Baja Calif. Mexico poisoned Dec. 17, 1952 Allison & Harper
- C 2535 From kelp hold fast washed up on Scripps Inst. beach La Jolla, Calif. March 2, 1915 P. S. Barnhart
- C 2592 H50-279 between Pta. Calavera & Pta. Cabras, below Ensenada, Baja Calif. Norte derris poison 0-5 ft. Dec. 8, 1950 C. Hubbs
- C 2625 SIO61-2 Cabo San Quintin, Baja Calif. Norte ca. 2 mi. N. of tip of Pt. tidepools -pronoxfish Jan. 17, 1961 J. Stewart
- Heptacarpus cf. sitchensis (Brandt)
- C 1341 Olympic Peninsula, La Push, Washington S-9 coll. D. Jensen
- C 1321 Duxbury Reef, Bolinas, Calif. intertidal rocks May 7, 1966 coll. W. Newman & class
- C 1351 SIO61-12 1 mi. S. of Moss Beach, San Mateo, Calif. Frenchman's Reef, 3 ft. in tidal channel, sand, rock, pools rotenone & dip-net March 21, 1961 coll. K. Redford
- Heptacarpus stimpsoni Holthuis
- C 2368 Bay Shrimp Exped. S. Bay, San Francisco, Calif. $37^{\circ}41'N$ $122^{\circ}21'W$ 9m adjacent channel markers W. Newman
- C 2560 Holt Exped. Sta. #4 Uncle Sam Bank, Mex. $25^{\circ}38'N$ $113^{\circ}24'W$ 157m 16' otter trawl Dec. 1, 1960 coll. C. Boyd
- C 2541 Between Quarantine Pier & Roseville, San Diego Bay, San Diego, Calif. Feb. 26, 1920 seine net P. S. Barnhart

- C 2537 Sand dollar beds, Scripps Inst. Beach, La Jolla, Calif. Sept. 26, 1957
- C 2365 H49-167 E. end of Coronado Is., Baja Calif. ca. $32^{\circ}24.2'N$ $117^{\circ}12.0'W$ 27-31m CAS pipe dredge Nov. 29, 1949 C. Hubbs on 'Orca'
- Heptacarpus stylus Stimpson
- C 1459 Friday Harbor, Washington floating dock pier, in algae dipnet May, 1973 coll. R. Bauer
- Heptacarpus sp.
- C 1829 H49-167b,c E. end of Coronado Is., Baja Calif., Mexico ca. $32^{\circ}24.2'W$ $117^{\circ}12.0'W$ 27-31m CAS pipe dredge Nov. 27, 1949 coll. C. Hubbs on 'Orca'
- C 2547 M15-OT-15 off Morro Bay, Calif. $35^{\circ}10'N$ $121^{\circ}02'W$ April 12, 1974 99m 25' otter trawl R/V Agassiz T. Matsui
- C 2731 Bird Rock, La Jolla, Calif. intertidal Dec. 15, 1973 R. Bauer, S. Luke
- Spirontocaris holmesi Holthuis
- C 2525 La Jolla Canyon, La Jolla, Calif. 210m trap w/shark bait March 22, 1968 R. Green
- C 2515 Off So. Calif. June 28, 1906 $32^{\circ}53.0'N$ $117^{\circ}20.5'W$ 290m
- C 2511 Off So. Calif. July 20, 1906 $32^{\circ}51.2'N$ $117^{\circ}21.0'W$ 185-275m
- C 2510 Off So. Calif. June 25, 1906 $32^{\circ}54.6'N$ $117^{\circ}18.3'W$
- C 2507 Off So. Calif. July 2, 1906 $32^{\circ}50.1'N$ $117^{\circ}22.7'W$ 185-230m
- C 2506 Off Torrey Pines State Park, La Jolla, Calif. Aug. 24, 1915 201m
- C 2550 Colnett-Nov. 64 Banco San Isidro, Baja Calif. Mex. ca. $31^{\circ}07'N$ $116^{\circ}35'W$ 212m Midwater trawl Nov. 24, 1961 R/V Horizon D. Brown, Jerde
- C 2540 4 mi. N.W. of La Jolla, Calif. 183m July 28, 1905
- C 2536 1-3/4 mi. N.W. of La Jolla, Calif. 201m trawl July 11, 1905
- C 2369 Off Southern Calif. May 22, 1975 $33^{\circ}33.7'N$ $118^{\circ}02.6'W$ 227m after trawl R/V Agassiz coll. G. Boehlert
- C 1164 Between Long Point and Isthmus Harbor, ca. 180m Catalina Is., Calif. 25' otter trawl on sand bottom March 7, 1973 R/V E. B. Scripps coll. R. Bauer, D. Diener
- C 2539 Off So. Calif. June 25, 1916 $32^{\circ}54.9'N$ $117^{\circ}17.3'W$
- Spirontocaris lamellicornis (Dana)
- C 2628 B6203-5 Drake's Bay, Marin Co., Calif. $37^{\circ}55.7'N$ $122^{\circ}49.0'W$ 16' otter trawl #49 Mar. 2, 1962 F.H. Berry (SIO63-731)
- C 2503 RR66-2 Straight of Georgia, off middle arm of Fraser River, British Columbia, Canada, 47m 35' otter trawl Dec. 6, 1962 R/V Investigator R. Rosenblatt (SIO63-203)
- C 2562 Friday Harbor, Washington May 1-5, 1973 R/V Hydah
- C 2303 Cal. Cofi 74126/II off San Luis Obispo, Calif. $35^{\circ}49'N$ $121^{\circ}28.5'W$ 99m 16' otter trawl Dec. 10, 1974 R/V Agassiz coll. T. Matsui
- C 2367 M15 OT-15 off Morro Bay, Calif. $35^{\circ}10'N$ $121^{\circ}02'W$ April 2, 1974 99m 25' otter trawl R/V Agassiz T. Matsui
- C 1447 Off Lopez Is. Ferry Dock, San Juan Is. group, Washington 37-73m otter trawl May 20, 1973 coll. R. Bauer
- C 1465 Friday Harbor, Washington summer 1970 37-73m coll. R. Bauer
- Spirontocaris palpator (Owen)
- C 2531 Kelp holdfast, La Jolla, Calif. Dec. 4, 1915 H. O. Falk & P. S. Barnhart

Spirontocaris prionota (Stimpson)

- C 2620 H48-307 E. side of Coronado Is., Baja Calif. Norte $32^{\circ}24'45"N$ $117^{\circ}13'10"W$ 20m dredge Nov. 27, 1948 E.W. Scripps C. Hubbs
- C 2553 Farnsworth Ridge near Catalina Is., Calif. Oct. 9, 1969 100 ft. Kiwala & Wilkie
- C 2573 H49-167b,c. E. end of Coronado Is., Baja Calif. Norte ca. $32^{\circ}24.2'N$ $117^{\circ}12.0'W$ 27-31m CAS pipe dredge Nov. 27, 1949 'Orca' C. Hubbs
- Spirontocaris sica Rathbun
- C 2505 San Clemente Is., Calif. $33^{\circ}0.2'N$ $118^{\circ}31.3'W$ July 9, 1908
- C 2561 M-6, Sta. 2 San Diego Trough $32^{\circ}52'N$ $117^{\circ}31'W$ Aug. 13, 1971 732-860m 25' otter trawl T. Matsui
- C 2555 SUC cruise dredge 1 off San Diego, Calif. $32^{\circ}05'N$ $118^{\circ}20'W$ 550-400m rock dredge March 9, 1964 Winterer
- C 2548 SIO63-879 San Diego Trough $32^{\circ}33'N$ $117^{\circ}24'W$ Oct. 31, 1963 850m 10' IKMT on bottom R/V Agassiz R. Wisner
- C 2546 MV71-I-32 between San Benitos Is. & Cedros Is., $28^{\circ}18'N$ $115^{\circ}23'W$ 265-247m 6' Sigsbee trawl May 27, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 2544 San Clemente Is., Calif. July 19, 1905
- C 2538 Off So. Calif. June 24, 1908 $33^{\circ}09.7'N$ $117^{\circ}35.8'W$
- Spirontocaris snyderi Rathbun
- C 2519 Colnett Nov. -64 Banco San Isidro, Baja Calif. Norte ca. $31^{\circ}07'N$ $116^{\circ}35'W$ 212m Midwater trawl #18 Nov. 24, 1964 Dan Brown, Jerde
- C 2495 Cal Coti 74126/II off San Luis Obispo, Calif. $35^{\circ}49'N$ $121^{\circ}28.5'W$ 99m 16' otter trawl Dec. 10, 1974 R/V Agassiz T. Matsui
- C 2530 1-1/2 mi. off Torrey Pines State Park, San Diego, Calif., dredge 100 ft. July 3, 1917
- C 2479 M15 OT-15 off Morro Bay, Calif. $35^{\circ}12'N$ $121^{\circ}02'W$ April 2, 1974 99m 25' otter trawl R/V Agassiz T. Matsui
- Spirontocaris sp.
- C 2568 Farnsworth Ridge, near Catalina Is., Calif. 100 ft. SCUBA Oct. 9, 1969 Kiwala & Wilkie
- Hippolysmata californica Stimpson
- C 1852 'ECCE' SR-34 Pta. Santa Rosalia, Baja Calif. $28^{\circ}40'N$ $114^{\circ}14'W$ rocky intertidal Aug. 6, 1975 coll. Hemingway, Luke
- C 2520 Puerto Penasco, Sonora, Mex. tidepools Oct. 9, 1968 0700 T. Cukr
- C 1317 Bahia San Quintin, Baja Calif., Mexico ca. $30^{\circ}30'N$ $116^{\circ}W$ intertidal coll. G. Crozier 1963
- C 1359 SIO59-210 Bahia San Lucas, 300 yds. S. of Cannery Pier $22^{\circ}52.57'N$ $109^{\circ}54'W$ 0-15 ft. rotenone & SCUBA rocks & sand March 22, 1959 1400-1700 coll. R. Rosenblatt
- C 2527 San Diego, Calif. Feb. 22, 1963
- C 2533 La Jolla, Calif. Aug.-Dec., 1915 H. O. Falk
- C 2558 SIO63-167 S. end: Melpomene Cove, Isla Guadalupe, Baja Calif. ca. $28^{\circ}53'N$ $118^{\circ}17'W$ 50 ft. chemfish & SCUBA April 21, 1963 R/V Horizon J. Stewart
- C 2563 Dana Point; N. of San Clemente, Calif. excavated marine site. Now subtidal May 13, 1969 Rokop & Cukr
- C 2566 RR65-69 N. end of Pta. Lobos, Carmen Is., Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ 0-20 ft. noxfish July 17, 1965 B. Walker
- C 2570 Tidepools N. of Scripps Inst., La Jolla, Calif. Feb. 2, 1916 P. S. Barnhart

- C 2504 Tidepools N. of Scripps Inst., La Jolla, Calif. July 14, 1915
- C 2508 Tidepools, San Clemente, Calif. July 17, 1908
- C 2512 Off Torrey Pines, La Jolla, Calif. dredge Aug. 17, 1916 300m
- C 2523 DFH66-31 Pt. Loma guard light house hand net 3-6 ft. Oct. 17, 1966 0530-0630 low tide D. Hoese
- C 2594 SI060-15 tidepools N. of Barracks Cove Guadalupe Is., Baja Calif. ca. $28^{\circ}53'N$ $118^{\circ}17'W$ noxfish Jan. 27, 1960
- C 2597 SI060-457 W. arm of Bahia San Quintin, E. shore of False Bay 0-25 ft. derris, SCUBA Nov. 30, 1960 SQ-14
- C 2598 SI063-174 Isla Guadalupe, Baja Calif., S. side of Islote Negro 0-65 ft. chemfish & SCUBA Apr. 23, 1963 R/V Horizon J. Stewart
- C 2600 H48-50 Turtle Head, 1 mi. S. of Turtle Bay, Baja Calif. Sur. $27^{\circ}37'20"N$ $114^{\circ}50'43"W$ 0-3 ft. dipnets tidepool C. Hubbs Feb. 7, 1948
- C 2601 SI063-168 Melpomene Cove Isla Guadalupe, Baja Calif. Apr. 22, 1963 $28^{\circ}53.0'N$ $118^{\circ}17.4'W$ chemfish & SCUBA 0-60 ft. R/V Horizon J. Stewart
- C 2602 SI070-82 between Pta. Lesna & Estero de Tastiota, Sonora, Mex. 0-6 ft. rotenone & SCUBA Mar. 22, 1970 R. Rosenblatt
- C 2603 SI062-121 Almejas Bay, Isla Margarita Baja Calif. Sur $24^{\circ}25.86'N$ $111^{\circ}45'W$ 0-15 ft. rotenone & SCUBA Nov. 29, 1961 J. Stewart (B6111-33)
- C 2604 SI062-704 Pta. Marquis, S. side of reef at tip of Pt. $23^{\circ}56.8'N$ $110^{\circ}52.2'W$ 0-25 ft. chemfish & SCUBA Dec. 4, 1962 D. Dockins B6212-4)
- C 2606 SI057-113A Piedras Blancas, Baja Calif. Norte $31^{\circ}17'40"N$ $116^{\circ}25'05"W$ 0-6 ft. tidepool June 27, 1957 C. Hubbs
- C 2609 SI065-71 E. side of Isla Guadalupe, Baja Calif. ca. $28^{\circ}53'N$ $118^{\circ}17'W$ 0-20 ft. chemfish & SCUBA Mar. 4, 1965 C. Hubbs
- C 2612 MV65-IV-70 Isla Juan Fernandez, Villagra Bay, Chile ca. $33^{\circ}39'45"S$ $78^{\circ}52'50"W$ 0-4 ft. chemfish Dec. 16, 1965 W66-57 (SIO 65-660)
- C 2615 SI062-726 N. of Belcher Pt., Bahia Magdalena, Baja Calif. Dec. 8, 1962 0-25 ft. chemfish & SCUBA $24^{\circ}35.25'N$ $112^{\circ}05.2'W$ B. Zahurane (B6212-26)
- C 2616 SI063-178 2nd cove N. of S. point, Isla Guadalupe, Baja Calif. ca. $28^{\circ}53'N$ $118^{\circ}17'W$ 75 ft. chemfish & SCUBA April 24, 1963 J. Stewart
- C 2618 SI061-2 Cabo San Quintin, ca. 2 mi. N. of tip of Pt., Baja Calif. Norte pronoxfish - tidepools Jan. 17, 1961
- C 2622 SI062-734 Bahia Santa Maria, Baja Calif. Sur $24^{\circ}45.8'N$ $112^{\circ}15.9'W$ 0-20 ft. chemfish & diving Dec. 9, 1962 J. Copp (B6212-34)
- Hippolytmata sp.
- C 2613 MV65-IV-66 Isla Juan Fernandez, Bahia Villagra, Chile, ca. $33^{\circ}39'45"S$ $78^{\circ}52'50"W$ 25-30 ft. chemfish & SCUBA Dec. 15, 1965 (SIO65-657) W66-56
- Lysmata californica Stimpson
- C 2480 SI059-354 off Bird Rock, La Jolla, Calif. 600 ft. wall net, pro-noxfish, diving 40-45 ft. Sept. 25, 1959 C. Hubbs
- C 2608 MV65-II-13 off El Tule Rancho, Baja Calif., S.E. of Cabo San Lucas June 19, 1965 $22^{\circ}57.4'N$ $109^{\circ}47.7'W$ rotenone & SCUBA 0-50 ft. R/V Neptunas Rex B.T. Zahurane (SIO65-185)
- C 2632 MV65-II-14 E. of Cabeza Ballena, E. of Cabo San Lucas, Baja Calif. Sur. Mex. $22^{\circ}54.2'N$ $109^{\circ}50.1'W$ rotenone & SCUBA 0-40 ft. June 20, 1965 B. J. Zahurane R/V Neptunas Rex (SIO65-186)
- Lysmata sp.
- C 2363 RR61-40 Ceralbo Is., Baja Calif. Sur, $24^{\circ}18.8'N$ $109^{\circ}55.5'W$ 3-20 ft. rotenone, diving, dipnets, June 22, 1961 B. Walker (SIO61-262)
- C 2481 RR65-76 S. end of Ildefonso Is., Baja Calif. Sur ca. $26^{\circ}38'N$ $111^{\circ}26.5'W$ to 40 ft. chemfish & SCUBA July 19, 1965 R. Rosenblatt (SIO65-330)
- C 2534 San Lucas Canyon, Baja Calif. Mexico 100 ft. March 26, 1959 R. Rosenblatt
- C 2559 RR65-69 Carmen Is., N. end of Pta. Lobos, Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ 0-20 ft. noxfish July 17, 1965 B. W. Walker
- C 2552 TEPE70-13 Islas Ladrones, Panama, $07^{\circ}52.20'N$ $82^{\circ}27.75'W$ Sept. 19, 1970 intertidal & in cave, chemfish & SCUBA R/V A. Helix W. Newman, S. Luke
- C 2591 RR61-31 Bahia Muertos, Baja Calif. Sur $23^{\circ}59.5'N$ $109^{\circ}48.8'W$ 30 ft. chemfish & SCUBA (SIO61-253) R. Rosenblatt June 20, 1961
- C 2595 RR61-26 N. of Los Frailes, Baja Calif. Sur $23^{\circ}25.25'N$ $109^{\circ}25.5'W$ 0-15 ft. chemfish & diving June 8, 1961 (SIO61-248)
- C 2596 RR65-10 Isla San Jose, Gulf of Calif., Baja Calif. Sur, N.E. shore of bay on S.W. end July 7, 1965 0-7 ft. chemfish & diving (SIO65-264)
- C 2599 RR61-55 Boca de Partida, Espiritu Santo Is., Baja Calif. Sur. June 25, 1961 $24^{\circ}31.25'N$ $110^{\circ}23.4'W$ chemfish & SCUBA 0-80 ft. R. Rosenblatt (SIO61-277)
- C 2605 SI062-704 Pta. Marquis, S. side of reef at tip of Pt. $23^{\circ}56.8'N$ $110^{\circ}52.2'W$ 0-25 ft. chemfish & SCUBA Dec. 4, 1962 D. Dockins (B6212-4)
- C 2607 RR61-3 Cabo San Lucas, Baja Calif. Sur $22^{\circ}52'32"N$ $109^{\circ}53'52"W$ 0-20 ft. rotenone, SCUBA June 12, 1961 R. Rosenblatt (SIO61-225)
- C 2611 RR61-27 Pta. Los Frailes, Baja Calif. Sur, Mexico $23^{\circ}24'N$ $109^{\circ}24.5'W$ 0-60 ft. chemfish & SCUBA June 19, 1961 (SIO61-249)
- C 2617 RR61-17 Pta. Los Frailes, Baja Calif. Sur, Mexico $23^{\circ}24'N$ $109^{\circ}24.75'W$ 15 ft. chemfish & SCUBA June 16, 1961 (SIO61-239)
- C 2623 SI062-704 Pta. Marquis, S. side of reef at tip of Pt. Baja Calif. Sur, $23^{\circ}56.8'N$ $110^{\circ}52.2'W$ 0-25 ft. chemfish & SCUBA Dec. 4, 1962 D. Dockins (B6212-4)
- C 2624 SI062-706 tip of Pta. Marquis, N. side of reef, Baja, Calif. ca. $23^{\circ}56.8'N$ $110^{\circ}52'W$ 10-20 ft. chemfish & SCUBA Dec. 4, 1962 (B6212-6) D. Dockins
- C 2629 SI068-171 tidepools at S. end of Pta. Sabalo, Mazatlan, Sinaloa 1-6 ft. Quindine & noxfish Mar. 20, 1968 JEM 68-8 T. Dana, J. McCosker
- C 2633 RR61-50 Espiritu Santo Is., Boca de Partida, Baja Calif. Sur. 50 ft. $24^{\circ}31.5'N$ $110^{\circ}23.75'W$ June 24, 1961 chemfish & SCUBA R. Rosenblatt (SIO62-272)
- C 2630 RR61-20 Pta. Los Frailes, Baja Calif. Sur, Mex. $23^{\circ}24'N$ $109^{\circ}24.5'W$ 65 ft. chemfish & SCUBA June 17, 1961 R. Rosenblatt (SIO61-242)

- Lebbeus greenlandicus (Fabricius)
C 1449 Off Lopez Is. Ferry Dock, San Juan Is. group, Washington 37°-73m otter trawl May 20, 1973 coll. R. Bauer
- Lebbeus lagunae Schmitt
C 1350 H48-307 E. side of S. Coronado Is. 117°13'00"W-32°24'N 117°13'15"W 20m dredge Nov. 27, 1948 1200 sand & rock coll. C. Hubbs on E. W. Scripps
- Lebbeus cf. unalaskensis (Rathbun)
C 2572 SOB-III W. of Pta. Banda, Baja Calif. Norte Mexico 31°18'N 117°36'W 2068-2086m 30' otter trawl Feb. 13, 1960 Parker & Yonge P-137-60
- Lebbeus washingtoniana Rathbun
C 2366 M-6, Sta. 2 San Diego Trough 32°53'N 117°31'W 25' otter trawl 732-860m Aug. 13, 1971 R/V Agassiz coll. T. Matsui
- Lebbeus sp.
C 2904 MV72-II-26 off Arica, Chile 18°42'S 70°37'W May 7, 1972 1097-1152m 25' otter trawl R/V T. Washington S. Luke
- C 2914 MV72-II-27 off Arica, Chile 18°35'S 70°32'W 25' otter trawl 768-968m May 7, 1972 S. Luke R/V T. Washington
- Hippolyte californiensis Holmes
C 2543 Between Quarantine Pier & Roseville San Diego Bay, San Diego, Calif. Feb. 26, 1920 seine net P. S. Barnhart
- C 2500 Point Loma, San Diego, Calif. Sept. 22, 1968
- C 1739 'ECCE' MEPA-17 Estero de Pta. Abreojos, Baja Calif. common sense seine 26°47.5'N 112°56.5'W July 26, 1975 coll. Hemingway, Luke
- C 2517 DFH67-2 off Bahia Hotel, Mission Bay, San Diego, Calif. April-May 1967
- C 2621 SIO63-169 Haul #5 Melompene Cove, Guadalupe Is., 28°52.90'N 118°16.7'W 73-76 ft. Apr. 22, 1963 R/V Horizon C. Hubbs
- C 2626 SIO62-121 Almejas Bay, Isla Margarita 24°25.86'N 111°45'W 0-15 ft. rotenone & SCUBA Nov. 29, 1961 J. Stewart (B6111-33)
- C 2627 Mag Bay A-12 S. part of Pta. Magdalena, in Magdalena Bay 24°37'N 112°07'W dip net Jan. 29, 1964 H. Lowenstam (SIO64-10)
- C 2631 SIO62-228 W. shore of S. arm of Bahia de Los Angeles, Baja Calif. Norte 28°55.6'N 113°33.8'W chemfish & poison 0-6 ft. April 24, 1962 C. Hubbs
- Hippolyte sp.
C 1814 'ECCE' B.T.-22 Bahia Tortugas, Baja Calif. Sur 27°41'N 114°53'W upper mid-intertidal July 31, 1975 coll. Hemingway, Luke
- Eualus avinus (Rathbun)
C 1476 Friday Harbor, Washington summer 1970 18-183m R. Bauer
- Eualus cf. gaimardi
C 1345 USS Burton Is. 70°09.5'S 143°38'W 35 ft. SCUBA dive Aug. 1, 1953
- Eualus suckleyi (Stimpson)
C 1445 Friday Harbor, Washington, Trawl May 1-5, 1973 R/V Haydah
- C 1467 Friday Harbor area, Washington trawl May 1, 1973 R/V Hydah
- C 1444 Off Lopez Is. Ferry Dock (San Juan Is. group) Washington 37-73m otter trawl May 20, 1973 coll. R. Bauer
- Eualus townsendi (Rathbun)
C 1475 Friday Harbor, Washington summer 1970 37-73m coll. R. Bauer
- Angasia sp.
C 2529 TEPE70-28 Aguálagarna Is., Holandes Cay 09°35'30"N 78°46'00"W 5-15' chemfish & SCUBA Oct. 4, 1970 R/V Alpha Helix W. Newman, S. Luke
- C 2571 Monsoon 71-D Sta. VI-2 E. of New Zealand 43°10'S 175°15'E 119m Rock Dredge Jan. 29, 1961 Russell (SI061-150)
- cf. Angasia
C 2574 Rongelap Lagoon, Rongelap Atoll, Marshall Is., ca. 11°30'N 167°E 42m dredge June 16, 1946 M.W. Johnson
- Thor sp.
C 2557 RR65-69 Carmen Is., N. end of Pta. Lobos, ca. 26°04'N 111°05'W 0-20 ft. noxfish July 17, 1965 B.W. Walker
- C 1360 SI061-184 Beach N. of Fishing Camp N. of Bahia San Luis Gonzaga, noxfish poison 29°49.3'N 114°24.4'W May 2, 1961 0830-1030 1/2m cobbles & sand coll. C. Hubbs
- C 2730 ca. third inlet South of Puertoicos, Baja Calif. Norte, Mexico in rocky tide-pools June 8, 1974
- C 2729 Los Angeles Bay, Baja Calif. Norte, Mexico, March 1975
- Saron marmoratus (Oliver)
C 2556 Waikiki, T.H. July 7, 1943 Dana, Russell Gen. Indet.
- C 3239 MV71-I-44 1,000 fm Basin off Rio San Vicente 31°18'N 117°24'W 1984-1957m 6' signs-bee trawl May 30, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 3238 Jasper Seamount ca. 31°N 121°W Fish trap 688m Sept. 5, 1965 R/V A. Agassiz D. Brown
- C 3247 SI067-37 Isla San Jose, Pearl Is., Panama ca. 08°20'N 79°20'W 0-4 ft. rotenone & SCUBA Mar. 28, 1967 R. Rosenblatt
- C 3251 Loma Sea Valley, due W. of Pt. Loma otter trawl #1 Jan. 21, 1965 326-351m Fager ST-908
- C 3255 SI076-96 N. of Santa Catalina Is., Calif. 33°33.4'N 118°37'W 556-585m 40' otter trawl Mar. 9, 1976 R/V Agassiz S. Luke
- C 3264 Cruise 52 Sta. 21 U.S.F.W.S. 42°08.5'N 124°32.8'W otter trawl 146m July 9, 1970 2350-0100 Hartman
- C 3266 Cal Coti 74126/II Piedras Blancas, Calif. 35°48'N 121°25.5'W 73m 16' otter trawl Dec. 10, 1974 R/V Agassiz T. Matsui
- C 3269 H51-26 Bahia Todos Santos, Baja Calif. Norte 18-22m Feb. 5, 1951 C. Hubbs on 'Orca'
- C 3280 SI063-1053 Bahia San Quintin, Baja Calif. Norte, 30°27'N 116°02'W salt marsh base of W. arm Dec. 1, 1963 K. Radford
- C 3283 1,000 ft. off end of Scripps Inst. Pier, La Jolla, Calif. Apr. 29, 1917 small trawl
- C 3297 RR65-11 Isla San Jose, Gulf of Calif., 24°52'25"N 110°37.0'W July 7, 1965 ca. 20 ft. chemfish & SCUBA R. Rosenblatt (SI065-265)
- C 3302 ca. 6 mi. W of Pt. La Jolla, Calif. 229m Jan. 29, 1973 R/V Oconostota A. Flechsig
- C 2214 RR65-16 Canal de San Jose, Baja Calif. Sur 24°59.75'N 110°46'W 45-70 ft. chemfish July 8, 1965 R. Rosenblatt
- C 2700 Off Scripps Inst. Pier, La Jolla, Calif. 32°52'N 117°15.5'W Sept. 25, 1975 dip net, surface, commensal on Pelagia noctiluca (Forskål) N. Holland

- C 2418 MV65-IV-64 Isla Juan Fernandez, Bahia Carvajal, Chile Dec. 15, 1965 33°41'S 78°58'W chemfish & SCUBA 30-40 ft. W. Baldwin
- C 2399 SIO65-113 Coronado Bank, San Diego Co. 32°40'30"N 117°27'20"W 230m diving saucer April 22, 1965 C. Hubbs
- C 2469 RR65-90 Isla Santa Cruz, Baja Calif. Sur, ca. 25°19'N 110°44'W 20-30 ft. chemfish & SCUBA July 22, 1965 R. Rosenblatt
- C 3306 RR61-15 Bahia San Jose del Cabo, Baja Calif. Sur 23°00'.75"N 109°42.25'W 30 ft. chemfish & diving June 15, 1961 R. Rosenblatt (SIO61-237)
- C 2244 SIO76-93 E. of Catalina Is., Calif. 33°28'N 118°27'W 25' otter trawl 397-355m March 3, 1976 R/V Agassiz coll. S. Luke
- C 3170 Due W. of Pt. La Jolla, La Jolla, Calif. 220-274m 16' otter trawl Jan. 28, 1965 Fager ST-908
- C 3173 Sta. 16 Santa Catalina Basin 33°01'N 118°17'W Dec. 10, 1972 1097m IKMT R/V Agassiz R. Hessler
- C 3190 Rokop 71-39 San Diego Trough 32°36.5'N 117°32.5'W 1161-1198m 25' otter trawl July 12, 1971 R/V Agassiz F. Rokop
- C 3194 Rokop 71-38 San Diego Trough 32°33'N 117°29'W 25' otter trawl 1207m April 21, 1971 R/V Agassiz F. Rokop
- C 3210 Cruise 52 Sta. 29 above Eureka, Calif. 40°47'N 124°22'W otter trawl July 11, 1970 68m Hartman U.S.F.W.S.
- C 3212 M15 OT-22 off Del Mar, Calif. 32°15'N 117°40'W 25' otter trawl 920m Apr. 4, 1974 R/V Agassiz T. Matsui
- C 3234 Trawl #10 off La Jolla, Calif. 32°53'N 117°36.5'W 16' otter trawl 896m. Sept. 6, 1974 R/V Oconostota J. Siebenaller
- C 2462 SIO59-354 off Bird Rock, La Jolla, Calif. Sept. 25, 1959 40-45 ft. 600' wall net, pronoxfish, diving C. Hubbs
- C 2384 SIO65-341 Isla Santa Cruz, Baja Calif. Sur 25°15.5'N 110°44.3'W chemfish & diving July 22, 1965 B.W. Walker
- C 2279 SIO76-95 N. of Catalina Is., Calif. 33°33.5'N 118°37'W Mar. 9, 1976 585-534m 40' otter trawl R/V Agassiz coll. S. Luke
- C 3235 Trawl #4 Santa Catalina Basin 32°58'N 118°26'W 16' otter trawl 1099-1104m Sept. 4, 1975 R/V Oconostota J. Siebenaller
- C 3236 CalCofi 74126/II off Piedras Blancas, Calif. 35°37'N 121°44.5'W 915m 25' otter trawl #5 Dec. 10, 1974 R/V Agassiz T. Matsui
- C 3242 H48-127 San Diego Bay, San Diego Gas & Electric Co. intake Sta. b Mar. 23 to May 1, 1948
- C 1952 6301-G Sta. 110-50 off Pta. Canoas, Baja Calif. 29°N 116°30'W from USAF Nose Cone Feb. 10, 1963 1100 dip net coll. J. Lawson
- C 2417 MV65-IV-45 S.W. of West Bay, Isla Juan Fernandez 33°37'00"S 78°50'50"W 0-15 ft. chemfish & SCUBA Dec. 12, 1965 B. Walker (SIO65-638)
- C 2227 Haul 3181 off San Diego, Calif. 32°28.5'N 117°15.3'W 55m Feb. 10, 1912 coll. "Agassiz"
- C 2545 Locality BWI, New Providence Is., Cable Beach Aug. 7, 1956 coll. C. Limbaugh-Chaplin Bahama collections ANS-Philadelphia
- C 2704 RSN61 Eniwetok Atoll, Marshall Is., artificial reef 8, 11°22.5'N 162°25'E 30 ft. rotenone & SCUBA Aug. 24, 1972 1430 hrs. R. Nolan (SIO75-594)
- C 2705 RSN64 Eniwetok Atoll, Marshall Is., reef 15 natural 11°22.5'N 162°25'E 20 ft. rotenone & SCUBA Aug. 25, 1972 1430 hrs. R. Nolan
- C 2706 RSN67 Eniwetok Atoll, Marshall Is., natural reef 3, 11°22.5'N 162°25'E 30 ft. rotenone & SCUBA Sept. 2, 1972 1500 hrs. R. Nolan
- C 2358 SIO76-94 W. of Palos Verdes, Calif. 33°28'N 118°25'W 457-417m 25' otter trawl R/V Agassiz S. Luke
- C 2852 1000 ft. from end of Scripps Inst. Pier, La Jolla, Calif. dredge ca. 18m July 12, 1916
- C 3390 RR65-30 Bahia de La Paz, Baja, Calif. Sur 25°18'N 110°52.5'W 0-10 ft. snorkel July 10, 1965 B. Walker
- C 3352 SIO68-171 S. end of Pta. Sabalo, Mazatlan, Sinaloa, Mexico, 1-6 ft., tidepools, noxfish Mar. 20, 1968 T. Dana, J. McCosker (JEM68-8)
- C 3341 SIO67-45 Toro Pt., Panama, Atlantic side, coral reef, hand nets 0-15 ft. Mar. 23, 1967 R. Rosenblatt
- C 3335 SIO57-187 Melpomene Cove, Guadalupe Is., Baja Calif. Norte 28°52'W 118°16.9'W 49-57m 15' try net Oct. 28, 1957 'Orca' C. Hubbs
- C 3314 RR65-42 Agua Verde Bay, Baja Calif. Sur, Mexico 25°30.7'N 111°04.2'W 5 ft. noxfish July 12, 1965 B.W. Walker (SIO65-296)
- C 3322 SIO72-89 outer edge of San Simeon reef, San Luis Obispo, Calif. 3 ft. May 14, 1972 R. Rosenblatt
- C 3326 A-26 off Encinitas, Calif. 33°02.6'N 117°24.5'W May 9, 1975 439m 25' otter trawl R/V Agassiz J. Siebenaller
- C 3316 RR65-55 Bahia Santa Inez, Baja Calif. Sur, 27°56.5'N 112°00.5'W 0-5 ft. noxfish July 14, 1965 B. Walker
- C 3327 H48-232 E. of Sugarloaf Rock, Bahia Descanso, Baja Calif. Norte, ca. 32°20'N 117°05'W 18-24m pipe dredge Aug. 13, 1948 'E.W. Scripps' C. Hubbs
- C 3328 Seventow Leg 7 Sta. 44 Korovin Bay, Atka Is., Aleutian Is. 52°15.4'N 174°18.8'W 35-42m epibenthic sled July 22, 1970 R/V T. Washington R. Hessler, S. Luke
- C 3448 MV65-IV-43 Cumberland Bay, Isla Juan Fernandez, Chile, ca. 33°38'20"S 78°49'00"W chemfish & SCUBA 0-10 ft. Dec. 11, 1965 (SIO65-636) W. Baldwin
- C 3460 UCLA W67-39 Hood #2, N. shore of Hood Is., Galapagos Is., Ecuador 15 ft. chemfish & diving Feb. 11, 1967 V. Walters
- C 3471 M15 OT-16 off Pismo Beach, Calif. 35°06'N 120°47'W 25' otter trawl 70m April 2, 1974 R/V Agassiz T. Matsui
- C 3472 M15 OT-13 off Piedras Blancas, Calif. 35°36'N 121°28'W 25' otter trawl 567-603m April 1, 1974 R/V Agassiz T. Matsui
- C 3478 M15 OT-2 off Encinitas, Calif. 33°02'N 117°19'W 25' otter trawl 51m Mar. 29, 1974 R/V Agassiz T. Matsui
- C 3480 M15 OT-12 off Pta. Piedras Blancas, Calif. 35°33'N 121°40'W 906m 25' otter trawl April 1, 1974 R/V Agassiz T. Matsui
- C 3486 M15 OT-10 off Santa Monica, Calif. 33°52.5'N 118°34'W 25' otter trawl 73m Mar. 29, 1974 R/V Agassiz T. Matsui
- C 3489 Off Pt. La Jolla, La Jolla, Calif. 311-183m otter trawl #2 Jan. 28, 1965 ST-908 Fager
- C 3495 ca. 9 mi. W. of Pt. Loma, E. slope of Coronado Bank, San Diego, Calif. 366-165m otter trawl Jan. 21, 1965 ST-908 Fager
- C 3498 M15 OT-14 off San Simeon, Calif. 35°34'N 121°19'W 25' otter trawl 256m April 12, 1974 R/V Agassiz T. Matsui

- C 3532 SB#15-26 S.W. of Pta. Penasco, Baja Calif. Norte $30^{\circ}57'N$ $113^{\circ}09'W$ intertidal to 47 ft. cores & grabs Apr. 5-6, 1960 A. Flechsig M/V 'Orca'
- C 3687 RR61-Cabo San Lucas, Baja Calif. Sur SCUBA 5 ft. June 13, 1961 D. Leighton
- C 3670 RR70-3 rocky area 1/2 mi. S. of Cerro Colorado, Sonora, Mex. chemfish & diving 0-4 ft. Mar. 17, 1970 R. Rosenblatt (SIO70-69)
- C 2926 STYX-7 MPE 68094 Sta. 4 Hamilton Guyot $18^{\circ}32'N$ $179^{\circ}18'W$ Sept. 4-5, 1968 ca. 1790m free vehicle trap R/V Agassiz W. Newman

Family Processidae

Processa canaliculata Leach

- C 3092 El Golfo II-50-6 Altamura Is., Sinaloa, Mexico $24^{\circ}43.0'N$ $108^{\circ}10.4'W$ 34m 20' otter trawl May 26, 1965 R/V Agassiz T. Matsui
- C 3074 B6411-6 between Pta. Marquis & Pta. Lobos, Baja Calif. $23^{\circ}47'N$ $110^{\circ}46'W$ 64m 16' otter trawl Nov. 10, 1964 R/V B. Douglas (SIO64-870)
- C 3078 SIO64-881 4 mi. N.W. of Isla Magdalena, Baja Calif. Sur, Mex. $24^{\circ}54.5'N$ $112^{\circ}20'W$ Nov. 15, 1964 73m 16' otter trawl R/V B. Douglas

Processa paucirostris Edmondson

- C 1061 Clipperton Island Oct. 20, 1956 poison coll. W. Baldwin

Processa sp.

- C 3080 6111 B-2 1/2 mi. S. of San Benito del Oeste, Baja Calif. Norte $28^{\circ}17.5'N$ $115^{\circ}34.6'W$ 16' otter trawl #29 Nov. 25, 1961 (SIO62-90)
- C 3081 MV68-I-65 E. of Angel de La Guarda, Golfo de Calif. $29^{\circ}20'N$ $113^{\circ}11.5'W$ 265-284m 25' otter trawl Jan. 20, 1968 R/V T. Washington C. Hubbs
- C 3070 Off Scripps Inst. Beach, La Jolla, Calif. June 29, 1906
- C 3244 RR65-38 W. side of Isla Monserrate, Gulf of Calif. $25^{\circ}39'N$ $111^{\circ}04.7'W$ 40' otter trawl July 11, 1965 R. Rosenblatt (SIO65-292)
- C 3311 RR65-46 Salinas Bay, Carmen Is., Gulf of Calif. $25^{\circ}58.4'N$ $111^{\circ}05.8'W$ 0-7 ft. noxfish & skindiving July 13, 1965 B. Walker
- C 2656 B6411-3 TR#112 Pta. Marquis, Baja Calif. Sur $23^{\circ}34'N$ $110^{\circ}23'W$ 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas (SIO64-867)
- C 3072 RR65-69 Pta. Lobos, Carmen Is., Baja Calif. Sur, ca. $26^{\circ}04'N$ $111^{\circ}05'W$ 0-20 ft. noxfish July 17, 1965 B. Walker (SIO65-323)

Gen. Indet.

- C 3159 SB-51 Tombola, S.W. tip of Isla San Jose, Baja Calif. Sur, $24^{\circ}45'N$ $110^{\circ}35'W$ intertidal April 14-15, 1960 'Orca' A. Flechsig & Clutter
- C 3071 MV68-I-59 N.W. of Angel de La Guarda, Golfo de Calif., Mex. $29^{\circ}41'N$ $113^{\circ}56'W$ 566-644m 40' otter trawl June 18, 1968 R/V T. Washington C. Hubbs

Family Pandalidae

Pandalopsis ampla Bate

- C 3452 R-41 Tanner Basin July 13, 1971 $32^{\circ}48'N$ $119^{\circ}30'W$ 25' otter trawl 1390m R/V Agassiz F. Rokop
- C 3456 MV65-I-4 N. tip of Cedros Is., Baja Calif. Norte $28^{\circ}49'N$ $115^{\circ}43'W$ 1536-1511m 6' Sigsbee trawl June 10, 1965 R/V Horizon C. Hubbs

- C 3261 La Jolla Canyon, La Jolla, Calif. 55m Dec. 1968 from stomach of Sebastodes rosaceus
- C 3196 A-11 San Clemente Basin $32^{\circ}29'N$ $118^{\circ}06'W$ 25' otter trawl 1829m May 5, 1975 R/V Agassiz J. Siebenaller
- C 3195 SIO69-487 San Diego Trough $32^{\circ}25'N$ $117^{\circ}31'W$ 25' otter trawl 1207-1234m Dec. 13, 1969 R/V Melville R. Hessler, S. Luke
- C 3193 Rokop 71-38 San Diego Trough $32^{\circ}33'N$ $117^{\circ}29'W$ 25' otter trawl 1207m April 21, 1971 R/V Agassiz F. Rokop
- C 3189 Rokop 71-39 San Diego Trough $32^{\circ}36.5'N$ $117^{\circ}32.5'W$ 1161-1198m 25' otter trawl July 12, 1971 R/V Agassiz F. Rokop
- C 3183 Rokop R-20 San Diego Trough $32^{\circ}27'N$ $117^{\circ}29'W$ 25' otter trawl 1203-1225m Jan. 18, 1971 R/V Agassiz F. Rokop
- C 3166 M15 OT-17 Pt. Sal, Calif. $34^{\circ}53'N$ $120^{\circ}49'W$ 25' otter trawl 132m April 2, 1974 R/V Agassiz T. Matsui
- C 3172 Sta. 16 Santa Catalina Basin $33^{\circ}01'N$ $118^{\circ}17'W$ Dec. 10, 1972 1097m IKMT R/V Agassiz R. Hessler
- C 3177 M15 OT-11 Pta. Piedras Blancas, Calif. $35^{\circ}29'N$ $121^{\circ}50'W$ 1189-1170m 25' otter trawl Mar. 31, 1974 R/V Agassiz T. Matsui
- C 3226 Rokop 70-12 San Diego Trough $32^{\circ}34'N$ $117^{\circ}33'W$ 25' otter trawl 1170-1216m Oct. 29, 1970 R/V Agassiz F. Rokop, S. Luke
- C 3227 Rokop 71-24 Tanner Basin $32^{\circ}45'N$ $119^{\circ}28'W$ 25' otter trawl 1317-1362m Jan. 20, 1971 R/V Agassiz F. Rokop
- C 1680 A-19 Afterthot II West Cortez Basin $32^{\circ}27.7'N$ $119^{\circ}33.8'W$ $32^{\circ}27.9'N$ $119^{\circ}34.1'W$ 1445m 25' otter trawl May 7, 1975 R/V Agassiz coll. J. Siebenaller
- C 3184 Rokop 70-3 San Diego Trough $32^{\circ}24'N$ $117^{\circ}29.5'W$ 25' otter trawl 1243-1258m Oct. 26, 1970 R/V Agassiz F. Rokop, S. Luke
- C 2381 H53-21 off E. side of San Clemente Is., Calif. $32^{\circ}58.3'N$ $118^{\circ}21.5'W$ ca. 466m Isaacs Kidd diving dredge April 28, 1953 L. Kidd
- C 2356 MV66-III-7 W. of Bahia Descanso, Baja Calif. Norte $32^{\circ}04'N$ $117^{\circ}13'W$ 1332-1244m 40' otter trawl Dec. 8, 1966 C. Hubbs
- C 2355 M8-1 (SIO71-201) San Diego Trough $32^{\circ}28'N$ $117^{\circ}31'W$ 40' otter trawl 1207-1244m Nov. 1, 1971 R/V Agassiz coll. T. Matsui
- C 2338 H52-14 San Diego Trough, Mexico $32^{\circ}17'N$ $117^{\circ}37'W$ - $32^{\circ}37'N$ $117^{\circ}37'W$ 1234m deep water dredge Feb. 28, 1952 0100-0645 M/V Horizon coll. J. Isaacs
- C 2314 H52-41 Santa Cruz Basin, S. of Sta. Cruz. Is., Calif. $33^{\circ}44'N$ $119^{\circ}37'W$ 1741-1924m 5' Isaacs Kidd diving dredge April 2, 1952 coll. C. Hubbs M/V Horizon
- C 2301 H53-20 off San Clemente Is., Calif. $32^{\circ}58'N$ $118^{\circ}23'W$ 1207m Isaacs dredge April 28, 1953 coll. Lewis Kidd
- C 2293 MV68-I-77 E. of Isla Carmen, Baja Calif. Sur, Mex. $25^{\circ}56.6'N$ $110^{\circ}37.5'W$ 1280m free vehicle trap Jan. 22, 1968 R/V T. Washington coll. C. Hubbs
- C 2288 H53-227 San Diego Trough $32^{\circ}34'N$ $117^{\circ}28'30''W$ Dec. 12, 1953 1207-1216m 5' Isaacs Kidd dredge M/V Horizon coll. C. Hubbs
- C 1826 Allozyme A-28 Catalina Basin $32^{\circ}56'N$ $118^{\circ}24'W$ 25' otter trawl 1143m Aug. 6, 1975 R/V Agassiz coll. Siebenaller
- C 986 M-4 Sta. 1 (SIO-71-90) San Diego Trough $32^{\circ}25.3'N$ $117^{\circ}28.9'W$ $32^{\circ}35.1'N$ $117^{\circ}33.7'W$ 1235m 25' otter trawl June 22, 1971 R/V Agassiz coll. R. McConaughey

- C 999 M-6; Sta. 1 San Diego Trough $32^{\circ}27.3'N$ $117^{\circ}30.7'W$ $32^{\circ}21.5'N$ $117^{\circ}27.0'W$ 1245m 25' otter trawl Aug. 11, 1971 R/V Agassiz coll. Matsui.
- C 1007 M-7, Sta. 1 San Diego Trough $32^{\circ}25.8'N$ $117^{\circ}28.8'W$ $32^{\circ}30.7'N$ $117^{\circ}31.9'W$ 1225-1244m 40' otter trawl Sept. 14, 1971 R/V Agassiz coll. Matsui.
- C 2424 Off Coal Oil Point, Goleta, Calif. ca. $34^{\circ}40'N$ $119^{\circ}50'W$ 165-201m beam trawl June 4, 1954.
- C 1615 Trawl #2 San Diego Trough $32^{\circ}38.3'N$ $117^{\circ}27.2'W$ $32^{\circ}33.2'W$ $117^{\circ}31.8'W$ 1188-1194m 16' otter trawl Sept. 3, 1974 R/V Oconostota coll. J. Siebenaller.
- C 1654 Sta. 15 Catalina Basin, Calif. $32^{\circ}58.4'N$ $118^{\circ}26.8'W$ $32^{\circ}55.4'N$ $118^{\circ}22.3'W$ 1121-1137m 16' otter trawl Dec. 10, 1972 R/V Agassiz coll. P. Jumars.
- Pandalopsis dispar Rathbun
- C 1472 Off Lopez Is., Washington trawl April 30, 1973 coll. Friday Harbor undergrad class on R/V Hydah one with Bopyrid parasite
- Pandalopsis sp.
- C 3215 A-17 W. Cortez Basin $32^{\circ}25'N$ $119^{\circ}30'W$ 25' otter trawl 1362m May 7, 1975 R/V Agassiz J. Siebenaller.
- C 3271 H48-229 Bahia Descanso, E. of Sugar Loaf Rock ca. $32^{\circ}20'N$ $117^{\circ}05'W$ 20-26m pipe stem dredge Aug. 13, 1948 'E.W. Scripps' C. Hubbs
- C 3331 Seventow Leg 7 Sta. 44 Korovin Bay, Atka Is., Aleutian Is., $52^{\circ}15.4'N$ $174^{\circ}18.8'W$ 35-42m epibenthic sled July 22, 1970 R/V T. Washington R. Hessler, S. Luke.
- Pandalus danae Stimpson
- C 1450 Floating dock at Friday Harbor, Washington May 1, 1973 coll. R. Bauer
- C 1446 Friday Harbor, Washington, trawl May 1-5, 1973 R/V Hydah
- C 1470 Off Lopez Is., Washington trawl April 30, 1973 R/V Hydah
- C 1471 Friday Harbor, Washington May 1-5, 1973 with rhizocephalan parasite coll. R. Bauer
- Pandalus goniurus Stimpson
- C 1479 Lopez Is., Washington trawl April 30, 1973 R/V Hydah
- C 2289 Adak Harbor, Adak Alaska Nite lite & dip net Aug. 17, 1953 2200 coll. McGowan
- C 2292 SIO58-213 Women's Bay Kodiak, Alaska dip net & surface light Aug. 27, 1951 coll. R. Wisner
- C 2296 SIO58-227 Women's Bay, Kodiak, Alaska dip net & nite lite Aug. 26, 1951 coll. Isaacs
- C 2298 68-4 18-1 Kitoi Bay, Afognak Is., Alaska ca. $50^{\circ}50'N$ $150^{\circ}25'W$
- C 2312 MV68-I-76 E. of Isla Carmen, Baja Calif. Sur, Mexico $25^{\circ}56'N$ $110^{\circ}35'W$ 1321-1344m 25' otter trawl Jan. 22, 1968 R/V T. Washington coll. C. Hubbs
- Pandalus cf. goniurus Stimpson
- C 1477 Friday Harbor, Washington 37-73m summer 1970 coll. R. Bauer
- Pandalus gurneyi Stimpson
- C 2291 Quast's Rock, La Jolla, Calif. 75 ft. ca. $32^{\circ}51'N$ $117^{\circ}16'W$
- C 2299 Off Marine Street, La Jolla, Calif. in rock crevice 70 ft. SCUBA May 6, 1975 coll. R. Kiwala
- C 2302 Point Loma, San Diego, Calif. 25-60 ft. Nov. 7, 1957 coll. C. Limbaugh
- C 2307 San Diego, Calif. shale bottom 15m Oct. 21, 1948 coll. T. Bowman
- C 2340 H52-214 Bahia San Carlos, W. side of Baja Calif. Norte Mexico to 30 ft. Try Net Sept. 8, 1952 K.S. Norris on 'Orca'
- Pandalus hypsinotus Brandt
- C 1473 Friday Harbor area, Washington trawl May 1, 1973 R/V Hydah
- Pandalus jordani Rathbun
- C 2305 CalCofi 74126/II off San Luis Obispo, Calif. $35^{\circ}49'N$ $121^{\circ}28.5'W$ 99m 16' otter trawl Dec. 10, 1974 R/V Agassiz coll. T. Matsui
- C 2306 Off So. Calif. $33^{\circ}33.7'N$ $118^{\circ}02.6'W$ 227m May 22, 1975 0805-0913 R/V Agassiz coll. G. Boehlert
- C 2343 H52-42 Sta. Barbara channel, N. of Anacapa Is., $34^{\circ}06'N$ $119^{\circ}25'W$ 223-241m 5' scoop dredge April 3, 1952 M/V Horizon C. Hubbs
- Pandalus montagui tridens Rathbun
- C 2295 Cortez Bank, Mexico 16' otter trawl $32^{\circ}30.2'N$ $119^{\circ}13.7'W$ May 16, 1963 282 ft. coll. F. Berry
- C 2297 B6303-2 off Pt. Arguello, Calif. $34^{\circ}44'N$ $121^{\circ}34'W$ trawl #78 73m March 1, 1963 2243-2313 coll. F.H. Berry B.C.F.
- Pandalus platyceros Brandt
- C 1469 Off Lopez Is., Washington trawl April 30, 1973 R/V Hydah
- C 2290 Off San Diego $32^{\circ}52'N$ $117^{\circ}16'W$ June 27, 1906
- C 2294 Off San Diego, Calif. July 7, 1908 $32^{\circ}46.5'N$ $118^{\circ}20.5'W$ trawl 503m
- C 2300 H52-43 Sta. Barbara Channel S.W. of Sta. Barbara, Calif. 221-252m 5' scoop dredge April 3, 1952 M/V Horizon coll. C. Hubbs
- C 2304 1 mi. from Scripps Pier, La Jolla, Calif. bottom trap 650 ft. caught March 13, 1964 1020-1600 killed April 28, 1964 coll. G. Schick
- C 2313 At junction of La Jolla & Scripps Canyon, East Wall, La Jolla, Calif. 250m Oct. 5, 1964 coll. A. Flechsig
- C 2311 Cousteau-Westinghouse diving saucer Feb. 18, 1964 La Jolla Canyon, La Jolla, Calif. 130m
- C 2354 Kachemack Bay, Alaska ca. $59^{\circ}N$ $151^{\circ}W$ date unknown collected in shrimp pots baited with herring
- Pandalus sp.
- C 3209 Cruise 52 Sta. 29 above Eureka, Calif. $40^{\circ}47'N$ $124^{\circ}22'W$ 68m otter trawl July 11, 1970 Hartman U.S.F.W.S.
- Heterocarpus affinis Faxon
- C 1208 MV73-I-92 S. of Isla Blanca, Costa Rica $09^{\circ}24.5'N$ $85^{\circ}06.0'W$ April 20, 1973 900m free vehicle trap R/V Agassiz coll. C. Hubbs, S. Luke
- C 2308 MV68-I-78 E. of Isla Carmen, N. of Sta. Catalina, Baja Calif. $25^{\circ}52.5'N$ $110^{\circ}41.0'W$ 1061m free vehicle trap Jan. 23, 1968 R/V T. Washington coll. C. Hubbs
- Heterocarpus hostilis Faxon
- C 3182 MV73-I-90 S. of Cabo Blanco, Costa Rica, $09^{\circ}23.0'N$ $85^{\circ}06.0'W$ 1353m free vehicle trap April 22, 1973 R/V Agassiz C. Hubbs, S. Luke
- C 3180 MV73-I-86 off Pta. Guiones, Costa Rica, $09^{\circ}48.2'N$ $85^{\circ}48.2'W$ 993m free vehicle trap April 21, 1973 R/V Agassiz C. Hubbs, S. Luke
- C 3181 MV73-I-91 S. of Cabo Blanco, Costa Rica $09^{\circ}23.5'N$ $85^{\circ}06.4'W$ 1106m free vehicle trap April 22, 1973 R/V Agassiz C. Hubbs, S. Luke
- C 2316 MV73-I-85 Pta. Guiones, Costa Rica $09^{\circ}47.3'N$ $85^{\circ}49.9'W$ April 21, 1973 1353m free vehicle trap R/V Agassiz coll. C. Hubbs, S. Luke

Heterocarpus vicarius Faxon

- C 2310 MV68-I-103 between N. ends of Islas Catalinas & Carmen, Baja Calif. Sur $25^{\circ}50.7'N$ $110^{\circ}52.0'W$ Jan. 26, 1968 490m free vehicle trap R/V T. Washington coll. C. Hubbs
- C 2315 MV65-I-45 S.E. of Pta. Tosco, Baja Calif. Sur Mex. $24^{\circ}02'N$ $111^{\circ}16'W$ 185-194m otter trawl June 27, 1965 M/V Horizon coll. C. Hubbs
- C 2937 SI060-98 San Juan Pautista Flats, S. of San Pedro, Sonora, Mexico $28^{\circ}04'N$ $111^{\circ}50'W$ 320-310m 10' otter trawl March 21, 1960 R. Parker P-61-167 gut contents of Lophiodes spilarus
- C 2370 MV68-I-53 on N.W. slope of Guaymas Basin $27^{\circ}38.0'N$ $112^{\circ}21.6'W$ 635m free vehicle trap Jan. 16-17, 1968 C. Hubbs on T. Washington
- C 2352 MV68-I-74 off Isla San Pedro Martir, Baja Calif. Norte $28^{\circ}20'N$ $112^{\circ}10'W$ 293-307m 25' otter trawl Jan. 21, 1968 R/V T. Washington C. Hubbs
- C 2351 MV68-I-37 Bahia Santa Ines, Baja Calif. Sur, Mexico $26^{\circ}58'N$ $111^{\circ}45'W$ 62m 41' otter trawl Jan. 14, 1968 R/V T. Washington C. Hubbs
- C 3225 SI072-208 Gulf of Calif., Mex. $28^{\circ}06'N$ $112^{\circ}01'W$ Mar. 9, 1972 539-492m otter trawl R/V A. von Humboldt AH72/03
- C 2350 MV68-I-88 off Fuerte Basin upper E. slope of Farallon Basin 329m $25^{\circ}39.9'N$ $109^{\circ}33.6'W$ Jan. 24-25, 1968 free vehicle trap R/V T. Washington coll. C. Hubbs
- C 2341 MV69-II-3 Canal de Salsipuedes, off N. San Lorenzo Is. $28^{\circ}40'N$ $112^{\circ}57'W$ 1454m trap Mar. 1, 1969 R. McConaughey

Heterocarpus sp.

- C 3333 SI071-79 N.W. of Aldabra Is., Indian Ocean free vehicle trap 1130m Mar. 8-9, 1971 R. Rosenblatt (Antip. IX trap 3)
- C 2309 MV65-IV-85 ca. 18 mi. off Valparaiso Harbor, Chile, bought from shrimp trawler ca. 274m Dec. 23, 1965 coll. A. Chapman

Plesionika martia semilaevis Bate

- C 3267 RR65-13 Baja Calif. Sur, Mexico $24^{\circ}59.5'N$ $110^{\circ}42.5'W$ July 7, 1965 210-220m 40' otter trawl R. Rosenblatt (SI065-267)
- C 3268 B6411 TR#112 between Pta. Lobos & Marquis, Baja Calif. Sur, $23^{\circ}34'N$ $110^{\circ}23.5'W$ 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas
- C 2339 MV71-I-32 between Cedros & San Benitos Is., $28^{\circ}18'N$ $115^{\circ}23'W$ 265-247m 6' Sigsbee May 27, 1971 R/V Agassiz C. Hubbs, S. Luke

Gen. Indet.

- C 3466 Holt Exped. #2 N. of Isla San Martin, Baja Calif. Norte $30^{\circ}32.0'N$ $116^{\circ}35.8'W$ 70-80 ft. 10' otter trawl Dec. 4, 1960 Boyd (SI060-470)
- C 3262 Cruise 52 Sta. 21 U.S.F.W.S. $42^{\circ}08.5'N$ $124^{\circ}32.8'W$ otter trawl 146m July 9, 1970 2350-0100 Hartman
- C 3221 A-15 E. Cortez Basin $32^{\circ}32.5'N$ $118^{\circ}53.5'W$ 1298m 25' otter trawl May 6, 1975 R/V Agassiz J. Siebenaller
- C 3206 MV65-IV-76 Sta. 14 off Chile $32^{\circ}51'S$ $72^{\circ}08'W$ 5' Agassiz trawl 2580m Dec. 19, 1965 R/V Anton Bruum coll. R. Wisner (SI065-666)

Family Thalassocarididae

Thalassocaris sp.

- C 2575 Rongelap Lagoon, Rongelap Atoll, Marshall Is., ca. $11^{\circ}30'N$ $167^{\circ}E$ 42m dredge June 16, 1946 M.W. Johnson

Family Glyphocrangonidae

Glyphocrangon spinulosa Faxon

- C 989 API Project 51 Dredge Sta. #II Spencer F. Baird Cruise San Lucas Canyon 1097m 3-1/2 mi. off shore off Cabo San Lucas, Baja Calif. Jan. 1957 Rock Dredge-granite, mica sand, on "Mudstone" coll. Beal
- Glyphocrangon sp.
- C 3100 M-7, Sta. 3 San Clemente Basin $32^{\circ}28'N$ $118^{\circ}07'W$ Sept. 16, 1971 1792-1866m 40' otter trawl R/V Agassiz T. Matsui
- C 3104 MV66-I-6 Baja Calif. Norte, Mexico $31^{\circ}04'N$ $118^{\circ}W$ March 31, 1966 1463-1728m 40' otter trawl R/V Agassiz C. Hubbs
- C 3106 MV70-III-3 Baja Calif. abyssal plain $31^{\circ}26'N$ $120^{\circ}12'W$ 25' otter trawl 3880m March 21, 1970 R/V Melville S. Luke
- C 3107 M-6, Sta. 3 San Clemente Basin, $32^{\circ}35'N$ $118^{\circ}14'W$ 25 ft. otter trawl 1628-1838m Aug. 12, 1971 R/V Agassiz T. Matsui
- C 3112 MV65-I-50 S.W. of Cabo San Lucas, Baja Calif. Sur $22^{\circ}42'N$ $110^{\circ}15'W$ 1893-1957m 6' Sigsbee trawl June 28, 1965 R/V Horizon C. Hubbs (SI065-233)
- C 3113 MV65-I-4 N.W. of Cedros Is., Baja Calif. Norte $28^{\circ}49'N$ $115^{\circ}44'W$ 1536-1511m 6' Sigsbee trawl June 10, 1965 C. Hubbs R/V Horizon (SI065-191)
- C 3114 Turtle-Dredge #4 near Isla Tortuga, Baja Calif. $27^{\circ}26.2'N$ $111^{\circ}48.5'W$ 1280-732m rock dredge July 26 R/V Oconostota
- C 3115 BS-1 S.W. of Cabo Colnett, Baja Calif. Norte, Mexico $30^{\circ}46'N$ $116^{\circ}52'W$ 1986-1975m 30' otter trawl April 28, 1961 Boyd & Parker (P-274-61)
- C 3116 MV71-I-43 outer 1,000 fm. Basin, Baja Calif. Norte $31^{\circ}25'N$ $117^{\circ}45'W$ 2001-2025m 6' Sigsbee trawl May 29, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 3117 M-8, Sta. 5 off San Diego, Calif. $32^{\circ}33'N$ $118^{\circ}06'W$ Nov. 3, 1971 1829m 40' otter trawl R/V Agassiz T. Matsui (SI071-202)
- C 3122 MV73-I-81 S. of Pta. Guiones, Costa Rica $09^{\circ}35'N$ $85^{\circ}41'W$ April 20, 1963 1157-1454m 10' IKMT on bottom R/V Agassiz C. Hubbs, S. Luke
- C 3123 Operation Blind Spot - off Pta. Chivato, Baja Calif. Sur, $27^{\circ}17'N$ $111^{\circ}23'W$ 1829-1875m 25' otter trawl June 15, 1970 R/V Agassiz E. Kampa
- C 3125 Operation Blind Spot - off Pta. Chivato, Baja Calif. Sur $27^{\circ}15'N$ $111^{\circ}26'W$ 1829-1875m 25' otter trawl R/V Agassiz June 14, 1970 E. Kampa
- C 3128 SOB-III-5 W. of Punta Banda, Baja Calif. Norte $31^{\circ}18'N$ $117^{\circ}37'W$ 2068-2086m 30' otter trawl Feb. 13, 1960 R. Parker (P137-60)
- C 3127 M-7, Sta. 1 San Diego Trough $32^{\circ}29'N$ $117^{\circ}31'W$ Sept. 14, 1971 1225-1244m 40' otter trawl R/V Agassiz T. Matsui
- C 3126 MV71-I-44 outer 1,000 fm. Basin, Baja Calif. Norte, $31^{\circ}18'N$ $117^{\circ}24'W$ 1984-1957m 6' Sigsbee trawl May 30, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 2919 STYX-7 MPE 680826 Sta. 2 Horizon Guyot $19^{\circ}30'N$ $168^{\circ}45'W$ 1662-1820m 25' otter trawl Aug. 26, 1968 R/V Agassiz W. Newman
- C 1632 Trawl #8 San Clemente Basin, Calif. $32^{\circ}28.0'N$ $117^{\circ}46.7'W$ $32^{\circ}27.6'N$ $117^{\circ}54.5'W$ 1527-1545m 16' otter trawl Sept. 5, 1974 R/V Oconostota coll. J. F. Siebenaller

- C 1671 A-15 Afterthot II East Cortez Bank $32^{\circ}32.0'N$
 $118^{\circ}53.1'W$ $32^{\circ}32.7'N$ $118^{\circ}53.6'W$ 1298m 25'
 otter trawl May 6, 1975 R/V Agassiz coll.
 J. Siebenaller
- C 1684 A-11 Afterthot II San Clemente Basin
 $32^{\circ}29.4'N$ $118^{\circ}06.5'W$ - $32^{\circ}28.8'N$ $118^{\circ}06.0'W$
 1829m 25' otter trawl May 5, 1975 R/V
 Agassiz coll. J. Siebenaller
- C 1569 SI073-321 San Clemente Basin $32^{\circ}26.0'N$
 $117^{\circ}49.2'W$ $32^{\circ}27.8'N$ $117^{\circ}57.7'W$ 1750m 25'
 otter trawl July 27, 1973 R/V Agassiz coll.
 R. Rosenblatt
- Family Crangonidae
- Argis californiensis (Rathbun)
- C 2582 Rokop R-38 San Diego Trough $32^{\circ}33'N$ $117^{\circ}29'W$
 April 21, 1971 1207m 25' otter trawl R/V
 Agassiz F. Rokop
- C 2781 M15 OT-15 off Morro Bay, Calif. $35^{\circ}10'N$
 $121^{\circ}02'W$ 25' otter trawl 99m April 2, 1974
 R/V Agassiz T. Matsui
- Argis sp.
- C 3329 Seventow Leg 7, Sta. 44 Korovin Bay, Atka
 Is., Aleutian Is., $52^{\circ}15.4'N$ $174^{\circ}18.8'W$
 34-42m epibenthic sled, July 22, 1970 R/V
 T. Washington R. Hessler, S. Luke
- C 3124 Operation Blind Spot - off Pta. Chivato,
 Baja Calif. Sur $27^{\circ}17'N$ $111^{\circ}23'W$ 1829-1875m
 25' otter trawl June 15, 1970 R/V Agassiz
 E. Kampa
- C 3118 R-50 San Diego Trough Oct. 23, 1971 R/V
 Agassiz coll. F. Rokop
- C 3237 M-7, Sta. 1 San Diego Trough $32^{\circ}28'N$
 $117^{\circ}30'W$ 40' otter trawl 1225-1244m Sept.
 14, 1971 R/V Agassiz T. Matsui
- C 3228 Rokop 71-24 Tanner Basin $32^{\circ}45'N$ $119^{\circ}28'W$
 25' otter trawl 1317-1362m Jan. 20, 1971
 R/V Agassiz F. Rokop
- C 3223 A-19 W. Cortez Basin $32^{\circ}27.8'N$ $119^{\circ}34'W$
 25' otter trawl 1445m May 7, 1975 R/V
 Agassiz J. Siebenaller
- C 3220 A-15 E. Cortez Basin $32^{\circ}32.5'N$ $118^{\circ}53.5'W$
 1298m 25' otter trawl May 6, 1975 R/V
 Agassiz J. Siebenaller
- C 3217 A-17 W. Cortez Basin $32^{\circ}25'N$ $119^{\circ}30'W$ 25'
 otter trawl 1362m May 7, 1975 R/V Agassiz
 J. Siebenaller
- C 3186 Rokop 70-3 San Diego Trough $32^{\circ}24'N$
 $117^{\circ}29.5'W$ 25' otter trawl 1243-1285m
 Oct. 26, 1970 R/V Agassiz F. Rokop, S. Luke
- C 3646 SI063-522 off Bahia San Quintin, Baja Calif.
 Norte, $30^{\circ}13'N$ $116^{\circ}05'W$ 183m 16' otter trawl
 Apr. 1, 1962 B6203-18 Perkins
- C 3178 M15 OT-11 Pta. Piedras Blancas, Calif.
 $35^{\circ}29'N$ $121^{\circ}50'W$ 1189-1170m 25' otter trawl
 Mar. 31, 1974 R/V Agassiz T. Matsui
- C 3168 M15 OT-17 Pt. Sal, Calif. $34^{\circ}53'N$ $120^{\circ}49'W$
 25' otter trawl 132m Apr. 2, 1974 R/V
 Agassiz T. Matsui
- C 995 SI071-90 San Diego Trough M-4, Sta. 1
 $32^{\circ}25.3'N$ $117^{\circ}28.9'W$ $32^{\circ}35.1'N$ $117^{\circ}33.7'W$
 1235m fms. 25' otter trawl June 22, 1971
 R/V Agassiz coll. R. McConaughey
- C 994 MV71-I-62 San Diego Trough $32^{\circ}21.8'N$
 $117^{\circ}24.0'W$ $32^{\circ}30.7'N$ $117^{\circ}32.8'W$ 1235m 25'
 otter trawl June 1-2, 1971 R/V Agassiz
 coll. C. Hubbs, Wisner, Luke
- C 3454 R-41 Tanner Basin July 13, 1971 $32^{\circ}48'N$
 $119^{\circ}30'W$ 25' otter trawl 1390m R/V
 Agassiz F. Rokop
- C 3300 CalCofi 74126/II off San Francisco, Calif.
 $37^{\circ}15'N$ $122^{\circ}31.5'W$ 79m 16' otter trawl #1
 Dec. 9, 1974 R/V Agassiz T. Matsui
- C 3285 1,000 ft. off Scripps Inst. Pier, La Jolla,
 Calif. Apr. 29, 1917 small trawl
- C 3274 M15 OT-4 off San Onofre, Calif. $33^{\circ}13.5'N$
 $117^{\circ}30'W$ Mar. 29, 1974 91m 25' otter trawl
 R/V Agassiz T. Matsui
- C 3250 W. of Pt. La Jolla, San Diego, Calif. 16'
 otter trawl 101-183m Jan. 28, 1965 ST-908
 Fager
- C 3470 M15-OT-16 off Pismo Beach, Calif. $35^{\circ}06'N$
 $120^{\circ}47'W$ 25' otter trawl 70m April 2, 1974
 R/V Agassiz T. Matsui
- C 3488 Oconostota #8 San Clemente Basin $32^{\circ}27.8'N$
 $117^{\circ}52'W$ 16' otter trawl 1527-1545m Sept.
 5, 1974 R/V Oconostota J. Siebenaller
- C 3493 R-20 San Diego Trough Jan. 18-19, 1971
 $32^{\circ}28'N$ $117^{\circ}29'W$ R/V Agassiz 1203-1225m
 25' otter trawl F. Rokop
- C 3496 ca. 9 mi. W. of Pt. Loma, E. slope of
 Coronado Bank, San Diego, Calif. 366-165m
 otter trawl Jan. 21, 1965 ST-908 Fager
- C 3501 M15 OT-20 off Summerland, Calif. $34^{\circ}17.8'N$
 $120^{\circ}49'W$ 40' otter trawl 75m Apr. 2, 1974
 R/V Agassiz T. Matsui
- cf. Argis
- C 2762 Pt. Thompson Alaska ca. $68^{\circ}N$ $166^{\circ}W$ 40 ft.
 Aug. 11, 1958
- C 3270 H48-229 Bahia Descanso, E. of Sugar Loaf
 Rock ca. $32^{\circ}20'N$ $117^{\circ}05'W$ 20-26m pipe stem
 dredge Aug. 13, 1948 'E. W. Scripps'
 C. Hubbs
- Sclerocrangon atrox Faxon
- C 990 API Project 51 Dredge Sta. #II Spencer F.
 Baird Cruise San Lucas Canyon 1097m 3-1/2
 mi. off shore off Cabo San Lucas, Baja
 Calif. Jan. 1957 Rock Dredge-granite, mica
 sand, on "Mudstone" coll. Beal
- Sclerocrangon sp.
- C 2903 MV72-II-26 off Arica, Chile $18^{\circ}42'S$ $70^{\circ}37'W$
 May 7, 1972 1097-1152m 25' otter trawl R/V
 T. Washington S. Luke
- Paracrangon echinata Dana
- C 1448 Off Lopez Is. Ferry Dock, San Juan Is. group,
 Washington 37-73m otter trawl R/V T. Wash-
 ington S. Luke
- C 1478 Friday Harbor, Washington Aug. 1970 37-110m
 coll. R. Bauer
- C 2853 1-3/4 mi. N.W. of La Jolla, Calif. trawl
 201m July 11, 1905
- C 2918 6105-H Sta. #13 above Pta. Colnett Baja
 Calif., Norte $31^{\circ}08'N$ $116^{\circ}35'W$ 33-66m 10'
 midwater trawl June 5, 1961 Hodnett
- Prionocrangon sp.
- C 991 MV-68-I-59 Golfo de Calif. N.W. of Angel de
 La Guarda Jan. 18, 1968 $29^{\circ}43.9'N$ $113^{\circ}58.0'W$
 $29^{\circ}40.2'N$ $113^{\circ}55.4'W$ 565-644m 50' balloon
 trawl coll. C. Hubbs
- Pontophilus sp.
- C 3108 M-6, Sta. 3 San Clemente Basin $32^{\circ}35'N$
 $118^{\circ}14'W$ 25' otter trawl 1628-1838m Aug.
 12, 1971 R/V Agassiz T. Matsui
- C 3101 M-7, Sta. 3 San Clemente Basin $32^{\circ}28'N$
 $118^{\circ}07'W$ Sept. 16, 1971 1792-1866m 40'
 otter trawl R/V Agassiz T. Matsui
- C 1751 MV72-II-32 Peru-Chile Trench, off Pta. San
 Juan, Peru 3475m 25' otter trawl $15^{\circ}45'S$
 $76^{\circ}07'W$ R/V T. Washington May 10, 1972
 coll. S. Luke
- C 3105 MV66-I-6 Baja Calif. Norte, Mexico $31^{\circ}04'N$
 $118^{\circ}W$ March 31, 1966 1463-1728m 40' otter
 trawl R/V Agassiz C. Hubbs

<u>Crangon</u>	<u>abyssorum</u> Rathbun	<u>Crangon</u> <u>intermedia</u> Stimpson
C 2786	MV66-II-4 off Eureka, Calif. 40°30.5'N 125°45.2'W 16' otter trawl 2999-3017m May 22, 1966 R. Wisner (SI066-52)	C 2819 68-4-18-1 Kitoi Bay, Afognak Is., Alaska ca. 58°20'N 153°W
C 3157	MV65-III-12 Basin N.W. of 60 Mile Bank 32°15.6'N 118°26.4'W 1573-1836m 10' IKMT Sept. 23, 1965 R/V Agassiz C. Hubbs (SI065-443)	<u>Crangon</u> <u>munita</u> Dana
<u>Crago</u> cf. <u>acclivis</u> (Rathbun)		C 2812 Off China Point 32°23.7'N 119°06.0'W rock bottom 55-73m July 17, 1908
C 1454	MV71-I-62 San Diego Trough 32°21.8'N 117°24.0'W-32°30.7'N 117°32.8'W 1235m 25' otter trawl June 1-2, 1971 R/V Agassiz coll. C. Hubbs, S. Luke	<u>Crangon</u> cf. <u>munita</u> Dana
<u>Crangon</u>	<u>alaskensis elongata</u> Rathbun	C 1468 Friday Harbor area, Washington May 1, 1973 Willows Cruise R/V Hydah
C 2764	H52-165 Playa Maria Bay, Baja Calif. Norte 0-35 ft. Try Net sand beach April 1, 1952 K.S. Norris 'Orca'	<u>Crangon</u> <u>nigricauda</u> Stimpson
C 2789	H49-167a, b, c, E. end of Coronado Is., Baja Calif. Norte ca. 32°24.2'N 117°12.0'W 27-31m CAS pipe dredge Nov. 27, 1949 C. Hubbs on 'Orca'	C 2580 H48-229 Bahia Descanso, E. of Sugar Loaf Rock, Baja Calif. Norte ca. 32°20'N 117°05'W pipe stem dredge 20-26m Aug. 13, 1948 E.W. Scripps C. Hubbs
C 2807	1-1/2 mi. off shore, Torrey Pines Park, San Diego, Calif. 100 ft. July 3, 1917 dredge	C 2579 Mission Bay, San Diego, Calif. 1967
C 2800	Scripps Inst., La Jolla, Calif. shore collection July 17, 1906	C 2578 Holt Exped. Sta. #4 Uncle Sam Bank, Mexico 25°38'N 113°24'W 157m 16' otter trawl Dec. 1, 1960 C. Boyd
C 2576	B6303-2 off Pt. Arguello, Calif. 34°44'N 121°34'W trawl #78 ca. 73m March 1, 1973 F. H. Berry	C 2815 S. end of San Diego Bay, San Diego, Calif. 7-8 ft. June 18, 1909
C 2585	B6303-1 Pt. Arguello, Calif. 34°32'N 122°00'W trawl #77 37m Mar. 1, 1963 F.H. Berry	C 2799 Humboldt Bay, Calif. dredge July 18, 1916 F. B. Sumner
C 2840	SI060-471 Holt Exped. Sta. #13 13 mi. W. of Pta. Cabras, Baja Calif. Norte 82m 10' otter trawl Dec. 4, 1960 C. Boyd 31°20'N 116°39.2'W	C 2766 Bay Shrimp Exped. South Bay, San Francisco 37°41'N 122°21'W channel markers "1", R-2, & R-4 ca. 9m muddy bottom w/dead shells W. Newman Dec. 10, 1961
C 2822	MV71-I-1 Isla Guadalupe, Mexico 28°51.5'N 118°16.5'W 6' Sigsbee trawl 95-81m May 18, 1971 R/V Agassiz C. Hubbs, S. Luke	C 2763 Point Loma, San Diego, Calif. Sept. 22, 1968
<u>Crangon</u>	<u>alba</u> Holmes	C 2837 H51-24 Todos Santos Bay, near Pta. Banda, Baja Calif. 31°44'N 116°40'W 7-13m otter trawl sand Feb. 24, 1951 A. Allanson
C 2796	Off San Diego, Calif. 32°28.0'N 117°11.2'W 31m Feb. 11, 1912	C 2838 SI059-307 Punta Banda, Papalote Bay, Baja Calif. ca. 31°44'N 116°40'N 0-35 ft. kelp Aug. 10, 1959 SCUBA & rotenone wall net C. Hubbs
C 2801	Off Pt. Loma, Calif. 32°38'N 117°14'N dredge Nov. 3, 1907 (uncertain data)	C 2839 SI054-189 San Miguel Is., Calif. Cryler Harbor, 8 ft. 34°03'N 120°21'30"W 100' bag seine Sept. 16, 1954 C. Hubbs
<u>Crangon</u>	<u>communis</u> Rathbun	C 2844 H52-229 Pta. San Antonio, Baja Calif. Norte poisoning, sand & cobble tidepools Dec. 17, 1952 Allanson
C 2586	MV68-I-65 E. of Angel de La Guarda 29°20'N 113°11'W 25' otter trawl 265-284m Jan. 20, 1968 R/V T. Washington C. Hubbs	C 2850 SI060-184 Newport, Yaquina Bay, Oregon, in middle channel & eel grass June 23, 1949 dredge C. Hubbs
C 2587	M15 OT-15 off Morro Bay, Calif. 35°10'N 121°03'W 25' otter trawl 99m April 2, 1974 R/V Agassiz T. Matsui	<u>Crangon</u> cf. <u>nigricauda</u> Stimpson
C 2588	Colnett Nov. 64 Banco San Isidro ca. 31°07'N 116°35'W Nov. 24, 1964 212m Midwater trawl #19 R/V Horizon D. Brown	C 2788 H49-167 a,b,c, E. End of Coronado Is., Baja Calif. Norte ca. 32°24.2'N 117°12.0'W 27-31m CAS pipe dredge Nov. 27, 1949 C. Hubbs on 'Orca'
C 2765	Off S. Calif. May 22, 1975 0805-0913 33°33.7'N 118°02.6'W otter trawl 227m R/V Agassiz R. Bauer	<u>Crangon</u> <u>nigromaculata</u> Lockington
C 2814	Off San Diego, Calif. 32°53.0'N 117°20.5'W 290m June 28, 1906	C 2846 H51-20 sandy cove S. side of Pta. Banda, E. of fish camp, Baja Calif. Norte 31°43.2'N 116°42.0'W Baird seine shallow Feb. 6, 1951 C. Hubbs
<u>Crangon</u>	cf. <u>communis</u> Rathbun	C 2816 CalCofi 74126/II off San Francisco, Calif. 37°08'N 122°23'W Dec. 9, 1974 37m 16' otter trawl #2 R/V Agassiz T. Matsui
C 2808	Off San Diego Calif. 32°54.9'N 117°17.3'W June 25, 1916	C 2809 1-1/2 mi. off Torrey Pines Park, San Diego, Calif. 100 ft. dredge July 3, 1917
C 2810	W.N.W. of Scripps Inst. Pier, La Jolla, Calif. dredge 168-285m Aug. 18, 1916	C 2806 Off Pt. Loma, Calif. dredge 32°38'N 117°14'W Nov. 3, 1907 (uncertain data)
C 2820	MV68-I-59 N.W. of Angel de La Guarda, Mex- ico 29°41'N 113°56'W 566-644m 40' otter trawl Jan. 18, 1968 R/V T. Washington C. Hubbs	C 2794 Long Beach, Calif. Mar. 24, 1912
<u>Crangon</u>	<u>dalli</u> Rathbun	C 2793 200 ft. off Torrey Pines, La Jolla, Calif. dredge Aug. 16, 1920 P.S. Barnhart
C 2827	68-4-18-1 Kitoi Bay, Afognak Is., Alaska ca. 58°20'N 153°W	C 2790 H52-214 Bahia San Carlos, Baja Calif. Norte ca. 29°44'N 115°35'W 30 ft. Try net Sept. 8, 1952 K.S. Norris on 'Orca' sand & cobble
<u>Crangon</u>	<u>franciscorum</u> Stimpson	C 2784 Tuna Tender, San Carlos Bay, Baja Calif. Norte ca. 29°44'N 115°35'W 30 ft. Try net Sept. 7, 1957
C 2843	Newport, Yaquina Bay, Oregon in middle channel & eel grass June 23, 1949 dredge C. Hubbs SI060-184	C 2783 H49-167a,b,c, E. end of Coronado Is., Baja Calif. Norte ca. 32°24'N 117°12'W 27-31m CAS pipe dredge Nov. 27, 1949 C. Hubbs on 'Orca'

- C 6767 CalCofi 74126/II off San Francisco, 37°07.6'N 122°22.6'W 16' otter trawl #2 37m Dec. 9, 1974 R/V Agassiz coll. Matsui, Burnett
- C 2826 Off Scripps Inst. Beach, La Jolla, Calif. June 29, 1906
- C 2823 Off San Diego, Calif. 31m 32°28.0'N 117°11.2'W Feb. 11, 1912
- C 2830 Imperial Beach, Calif. Mar. 2, 1972 30' otter trawl C. Farwell
- C 2834 Oso Flaco, San Luis Obispo, Calif. S. of Pavilion 25' otter trawl 40 ft. April 10, 1955 sand A. Rechnitzer (SIO55-35)
- Crangon cf. nigromaculata Lockington
- C 2836 H51-24 Todos Santos Bay, near Pta. Banda, Baja Calif. 31°44'W 116°40'W 7-13m otter trawl sand Feb. 24, 1951 A. Allanson
- C 2798 La Jolla, Calif.? on beach? June 29, 1906 15-7m
- C 2783 Off Scripps, La Jolla, Calif. 30-45 ft. Jan. 7, 1958
- Crangon resima Rathbun
- C 2824 Off San Diego, Calif. 73m 32°52.6'N 117°17.8'W June 19, 1906
- Crangon spinosissima Rathbun
- C 2778 U.S.F.W.S. B.C.F. Cruise 52 Sta. 35 39°42.6'N 123°52'W July 15, 1970 95m otter trawl Hartman
- C 2804 Off La Jolla, Calif. 185m Aug. 24, 1915
- C 2805 Off San Diego, Calif. 32°50.7'N 117°21.5'W June 25, 1908
- C 2811 4 mi. N.N.W. of La Jolla, Calif. 183m July 28, 1905
- Crangon stylirostris Holmes
- C 2792 Outfall line A-F Oceano, Calif. April 9, 1955 18-25 ft. C. Limbaugh
- C 2802 Oso Flaco, Calif., San Luis Obispo Co., on the beach Dec. 9, 1955 R. Parks
- C 2835 SIO55-34 S. of Pavilion, Oso Flaco, Oceano, San Luis Obispo, Calif. 15 ft. 25' otter trawl April 10, 1955 sand A. Rechnitzer
- C 2845 SIO55-107 Oso Flaco outfall, Oceana San Luis Obispo, Calif. 40-60 ft. 10' otter trawl Dec. 10, 1955 sand A. Rechnitzer
- Crangon sp.
- C 2779 Off S. Calif. May 22, 1975 0805-0913 33°33.7'N 118°02.6'W otter trawl 227m R/V Agassiz G. Boehlert
- C 2780 CalCofi 74126/II San Luis Obispo 35°49'N 121°28.5'W Dec. 10, 1975 99m 16' otter trawl R/V Agassiz T. Matsui
- C 2791 1-3/4 mi. N.W. of La Jolla, Calif. 201m trawl July 11, 1905
- C 2795 Off San Diego, Calif. 32°52.5'N 117°18.8'W 275-230m July 20, 1906
- C 2797 La Jolla, Calif. off Torrey Pines & Scripps Aug. 24, 1915
- C 2803 4 mi. N.W. of La Jolla, Calif. 183m July 28, 1905
- C 2813 Off San Diego, Calif. 32°50.7'N 117°21.5'W June 25, 1908
- C 2818 Holt Exped. Sta. #4 Uncle Sam Bank, Mexico 25°38'N 113°24'W 157m 16' otter trawl Dec. 1, 1969 C. Boyd
- C 2577 Cruise 52 Sta. 35 USFWS BCF 39°42.6'N 123°52'W otter trawl 95m July 15, 1970 1615-1700 coll. Hartman
- C 2581 MV71-I-32 between Islas San Benitos & Cedros, Baja Calif. 28°18'N 115°23'W 265-247m 6' Sigsbee trawl May 27, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 2828 Off San Diego, Calif. 32°52.7'N 117°17.0'W 155-185m July 7, 1905
- C 2825 Off San Diego, Calif. 32°50.1'N 117°22.7'W 185-230m July 2, 1906
- C 2829 B6203-5 Drake's Bay, Marin Co., Calif. 37°56'N 122°51'W Mar. 2, 1962 16' otter trawl #49 F.H. Berry USFWS (SIO63-731)
- C 2831 SIO62-521 off San Quintin Bay, Baja Calif. Norte, 30°13'N 116°02'W 390-402 ft. 16' otter trawl April 1, 1962 H.C. Perkins
- C 2832 SIO63-174 S.W. corner, Guadalupe Is., Islote Negro, Baja Calif. Mex. April 23, 1963 chemfish & diving 65 ft. J. Stewart
- C 2833 San Diego, Calif., San Diego Bay 30 ft. sand & mud April 19, 1963 Invert class
- C 2841 SIO54-222 between outer & inner Is., S. end of Guadalupe Is., Baja Calif. 49-37m pipe dredge Nov. 18, 1954 C. Hubbs on 'Orca'
- C 2842 SIO62-797 (H3) Humboldt Bay, Eureka, Calif. May 5, 1949 D.A. Nolan
- C 2847 SIO63-203 off Fraser River, Straight of Georgia, British Columbia, Canada, 46m 35' otter trawl Dec. 6, 1962 sand R/V Investigator R. Rosenblatt (RR62-2)
- C 2848 H52-211 Bahia San Carlos, Baja Calif. Norte Try net from tuna tender 40 ft. Sept. 8, 1952 K.S. Norris on 'Orca'
- C 2849 SIO59-342 mouth of Newanna Creek, Seaside, Oregon, mud 4 ft. seine June 8, 1959 D. Dockins
- C 2851 Off Scripps Inst. Pier, 1000 ft. from end, La Jolla, Calif. dredge ca. 18m July 12, 1916
- C 2854 Colnett-64 Banco San Isidro, Baja Calif. ca. 31°07'N 116°35'W Nov. 24, 1964 212m midwater trawl #18 R/V Horizon P. Brown
- C 2855 Colnett-64 Banco San Isidro, Baja Calif. Norte, ca. 31°07'N 116°35'W 212m midwater trawl #18 Nov. 24, 1964 R/V Horizon D. Brown
- C 2856 Colnett-64 Banco San Isidro, Baja Calif. Norte ca. 31°07'N 116°35'W 212m midwater trawl #18 Nov. 24, 1964 R/V Horizon D. Brown
- C 3514 Holt Exped. Sta. 13 W. of Pta. Cabras, Baja Calif. Norte 31°20'N 116°39.2'W 82m 10' otter trawl Dec. 4, 1960 (SIO60-471) C. Boyd
- C 3330 Seventow Leg 7 Sta. 44 Korovin Bay, Atka Is., Aleutian Is., 52°15.4'N 174°18.8'W 35-42m epibenthic sled July 22, 1970 R/V T. Washington R. Hessler, S. Luke
- C 3301 Student Cruise trawl #4 off San Diego, Calif. 32°43.4'N 117°21.8'W 101m 25' otter trawl June 1, 1974 'E.B. Scripps' R. Rosenblatt
- C 3303 H49-35 off S. Coronado Is., Baja Calif. Norte 32°25'N 117°14.7'W 29-23m CAS pipe dredge April 23, 1949 'Orca' C. Hubbs
- C 3288 H51-27 Bahia Todos Santos, Baja Calif. Norte ca. 31°45'N 116°40'W 37m dredge Feb. 5, 1951 'Orca' C. Hubbs
- C 3275 M-15-OT-4 off San Onofre, Calif. 33°13.5'N 117°30'W Mar. 29, 1974 91m 25' otter trawl R/V Agassiz T. Matsui
- C 3282 3 mi. W. of Scripps Inst. Pier, La Jolla, Calif. dip netted June 25, 1917
- C 3281 SIO63-1053 Bahia San Quintin, Baja Calif. Norte, 30°27'N 116°02'W salt marsh base of W. arm Dec. 1, 1963 K. Radford
- C 3284 1,000 ft. off Scripps Inst. Pier, La Jolla, Calif. Apr. 29, 1917 small trawl
- C 3265 CalCofi 74126/II Piedras Blancas 35°48'N 121°25.5'W Dec. 10, 1974 73m 16' otter trawl R/V Agassiz T. Matsui

- C 2220 H51-26 Bahia Todos Santos, Baja Calif. Norte
Feb. 5, 1951 18-22m coll. C. Hubbs on 'Orca'
- C 3233 Oconostota trawl #7 Tanner Basin 32°44'N
119°31'W 16' otter trawl ca. 1200-1300m
Sept. 5, 1974 R/V Oconostota J. Siebenaller
- C 3218 A-17 W. Cortez Basin 32°25'N 119°30'W 25'
otter trawl 1362m May 7, 1975 R/V Agassiz
J. Siebenaller
- C 3198 A-11 San Clemente Basin 32°29'N 118°06'W
25' otter trawl 1829m May 5, 1975 R/V
Agassiz J. Siebenaller
- C 3185 Rokop 70-3 San Diego Trough 32°24'N
117°29.5'W 25' otter trawl 1243-1258m
Oct. 26, 1970 R/V Agassiz F. Rokop, S. Luke
- C 3169 M15 OT-17 Pt. Sal, Calif. 34°53'N 120°49'W
25' otter trawl 132m Apr. 2, 1974 R/V
Agassiz T. Matsui
- C 3469 M15 OT-16 off Pismo Beach, Calif. 35°06'N
120°47'W 25' otter trawl 70m April 2, 1974
R/V Agassiz T. Matsui
- C 3473 M15 OT-18 off Vandenburg Base, Calif.
34°46.2'N 120°43.2'W 25' otter trawl 70m
April 2, 1974 R/V Agassiz T. Matsui
- C 3474 M15 OT-8 Dana Pt., Calif. 33°32.5'N
117°48.5'W 40' otter trawl 53-48m Mar. 29,
1974 R/V Agassiz T. Matsui
- C 3475 M15 OT-6 off San Onofre, Calif. 33°16'N
117°31'W 25' otter trawl 54m Mar. 29, 1974
R/V Agassiz T. Matsui
- C 3477 M15 OT-2 off Encinitas, Calif. 33°02'N
117°19'W 25' otter trawl 51m Mar. 29, 1974
R/V Agassiz T. Matsui
- C 3482 M15 OT-5 off San Onofre, Calif. 33°16.5'N
117°30.5'W 25' otter trawl 27m Mar. 29, 1974
R/V Agassiz T. Matsui
- C 3483 M15 OT-9 off Long Beach, Calif. 33°53.3'N
118°08'W 40' otter trawl 49m Mar. 29, 1974
R/V Agassiz T. Matsui
- C 3485 M15-OT-10 off Santa Monica, Calif. 33°52.5'N
118°34'W 25' otter trawl 73m Mar. 29, 1974
T. Matsui R/V Agassiz
- C 3490 Off Pt. La Jolla, La Jolla, Calif. 311-183m
otter trawl #2 Jan. 28, 1965 ST-908 Fager
- C 3492 SI074-191 Student Cruise S. of San Diego
Harbor, San Diego, Calif. 32°45'N 117°17.6'W
otter trawl #1 46-55m June 1, 1974 'E.B.
Scripps' R. Rosenblatt
- C 3494 SI057-223 Melompene Cove, Isla Guadalupe,
Baja Calif. 28°51'N 118°16.8'W 27-38m pipe
stem dredge 'Stranger' Dec. 18, 1957 C. Hubbs
- C 3497 M15 OT-14 off San Simeon, Calif. 35°34'N
121°19'W 25' otter trawl 256m April 1-2,
1974 R/V Agassiz T. Matsui
- C 3500 M15 OT-20 off Summerland, Calif. 34°17.8'N
120°49'W 40' otter trawl 75m Apr. 2, 1974
R/V Agassiz T. Matsui
- C 2590 Cortes Bank 16' otter trawl 32°30.2'N
119°13.7'W 282 ft. May 16, 1963 F.H. Berry
- C 2785 MV65-III-14 Basin N.W. of 60 mi. Bank, Baja
Calif. Norte ca. 32°16'N 118°33'W 1615-1664m
10' IKMT hit bottom Dec. 24, 1965 R/V
Agassiz C. Hubbs SI0 65-445
- C 2787 Southern Borderland III SOB-12 N.E. Guada-
lupe Is., 29°40.2'N 117°06.6'W 2708-2763m
30' otter trawl Feb. 15, 1960 R. Parker
(P-60-139)
- C 2817 MV68-I-49 Guaymas Basin, Gulf of Calif.
27°15'N 111°28'W Jan. 15-16, 1968 1792-
1875m 41' otter trawl R/V T. Washington
C. Hubbs
- C 2821 Operation Blind Spot Gulf of Calif., Mexico
27°13'N 111°27'W 1866m 25' otter trawl
June 14, 1970 coll. R. McConaughey
- C 2583 Operation Blind Spot, Gulf of Calif.
27°11.5'N 111°31.8'W-27°19.5'N 111°22.5'W
1829-1875m 25' otter trawl June 15, 1970
R/V Agassiz coll. E. Kampa
- C 2384 MV71-I-44 off Rio San Vincente, Baja Calif.
Norte 31°18'N 117°23'W 1984-1957m 6' Sigs-
bee trawl May 30, 1971 R/V Agassiz C. Hubbs
S. Luke
- C 2589 MV71-I-43 off N.W. Baja Calif. 31°25'N
117°45'W 6' Sigsbee trawl 2001-2025m May
29-30, 1971 R/V Agassiz C. Hubbs, S. Luke
- Gen. Indet.
- C 3252 Loma Sea Valley, due W. of Pt. Loma, otter
trawl #1 Jan. 21, 1965 326-351m Fager
ST-908
- C 3263 Cruise 52 Sta. 21 U.S.F.W.S. 42°08.5'N
124°32.8'W otter trawl 146m July 9, 1970
2350-0100 Hartman
- C 3249 W. of Pt. La Jolla, San Diego, Calif. 16'
otter trawl 101-183m Jan. 28, 1965 ST-908
Fager
- C 3229 Rokop 71-24 Tanner Basin 32°45'N 119°28'W
25' otter trawl 1317-1362m Jan. 20, 1971
R/V Agassiz F. Rokop
- C 3224 A-19 W. Cortez Basin 32°27.8'N 119°34'W 25'
otter trawl 1445m May 7, 1975 R/V Agassiz
J. Siebenaller
- C 3119 R-50 San Diego Trough Oct. 23, 1971 R/V
Agassiz F. Rokop
- C 3120 Due W. of Scripps Inst. Pier, La Jolla,
Calif. April 24, 1958 40 ft.
- C 3121 MV71-I-31 between Isla Cedros & San Benitos,
Baja Calif. 28°17.5'N 115°28'W 329-311m 6'
Sigsbee trawl May 27, 1971 R/V Agassiz
C. Hubbs, S. Luke
- C 3079 611LB-2 1/2 mi. S. of Benito del Oeste,
Baja Calif. Norte, 28°17.5'N 115°34.6'W
16' otter trawl #29 Nov. 25, 1961 (SI062-
90)
- C 2735 Vermilion Sea VSS-105 bay, E. side of
Angel de la Guarda, ca. 29°17'N 113°21'W
73m shell dredge April 10, 1959 R. Parker
- C 3171 Due W. of Pt. La Jolla, La Jolla, Calif.
220-274m 16' otter trawl Jan. 28, 1965
Fager ST-908
- C 2905 MV72-II-26 off Arica, Chile 18°42'S 70°37'W
May 7, 1972 1097-1152m 25' otter trawl R/V
T. Washington S. Luke
- C 3207 MV65-IV-76 Sta. 14 off Chile 32°51'S 72°08'W
5' Agassiz trawl 2580m Dec. 19, 1965 R/V
A. Bruun R. Wisner (SI065-666)
- C 3201 MV70-III-6 Baja Calif. abyssal plain 31°30'N
120°08'W 25' otter trawl 3706-3806m Mar. 23,
1970 R/V Melville S. Luke
- Caridea
- Incertae Sedis
- C 3449 Mustang Is., Texas June 20, 1949 night light,
under rocks D. Kramer
- C 2250 SB-39 beach 5 mi. N. of Guaymas, Sonora,
Mexico ca. 27°55'N 111°W intertidal April 10,
1960 coll. A. Flechsig on 'Orca'
- C 2379 Capricorn Sta. 74 Tongotabu in harbor 21°10'S
175°10'W intertidal Dec. 26, 1952 R/V
Horizon Martin Johnson
- C 2436 RR65-75 Ildefonso Id., S. end ca. 26°38'N
111°26.5'W July 19, 1965 80-105 ft. chem-
fish & SCUBA R. Rosenblatt
- C 2329 H51-27 Bahia Todos Santos, Baja Calif. Norte
ca. 31°45'N 116°40'W 37m dredge Feb. 5, 1951
coll. C. Hubbs on 'Orca'

- C 3312 RR65-46 Salinas Bay, Carmen Is., Gulf of Calif. $25^{\circ}58.4'N$ $111^{\circ}05.8'W$ 0-7 ft. noxfish & skindiving July 13, 1965 B. Walker
- C 3323 DFH68-19 N.W. side of Pta. San Antonio, Bahia Algadones, Sonora, ca. $28^{\circ}N$ $111^{\circ}W$ 0-10 ft. handnet April 11, 1968 D. Hoese (SIO68-241)
- C 3279 SIO63-1053 Bahia San Quintin, Baja Calif. Norte, $30^{\circ}27'N$ $116^{\circ}02'W$ salt marsh base of W. arm. Dec. 1, 1963 K. Radford
- C 3304 DFH68-7&12 N.W. of Bahia San Carlos, W. of Guaymas, Sonora, ca. $28^{\circ}N$ $111^{\circ}W$ 0-30 ft. Plankton net-hit bottom April 1968 D. Hoese
- C 2723 SIO62-14 W. side of Maria Madre Is., Tres Marias Is., $21^{\circ}37'N$ $106^{\circ}42'W$ 16' otter trawl Aug. 14, 1961 2007-2050 F.H. Berry (6108-B-14)
- C 2721 RR70-18 S. of Cerro Colorado, Sonora, Mexico chemfish & SCUBA 10 ft. sargassum Mar. 23, 1970 J. McCosker (SIO70-84)
- C 3103 M-7, Sta. 3 San Clemente Basin $32^{\circ}28'N$ $118^{\circ}07'W$ Sept. 16, 1971 1792-1866m 40' otter trawl R/V Agassiz T. Matsui
- C 3647 SIO62-522 off Bahia San Quintin, Baja Calif. Norte $30^{\circ}13'N$ $116^{\circ}05'W$ 183m 16' otter trawl Apr. 1, 1962 B6203-18 Perkins

Section STENOPODIDEA

Family Stenopodidae

Stenopus hispidus (Olivier)

- C 3504 Agat, Guam Aug. 1969 ca. $13^{\circ}20'N$ $144^{\circ}40'E$ C. K. Berry

Stenopus sp.

- C 3069 TEPE70-28 Agualagarna Is., Holandes Cay, San Blas Is., Panama, Oct. 4, 1970 5-15 ft. SCUBA R/V A. Helix W. Newman, S. Luke $09^{\circ}35'30"N$ $78^{\circ}46'00"W$
- C 3066 Capricorn 59 Alexa Bank ca. $13^{\circ}S$ $175^{\circ}E$ Dec. 9, 1952 120 ft. SCUBA W. Bascom & W. Munk
- C 1907 TEPE70-23 San Blas Is., Panama $09^{\circ}29'15"N$ $78^{\circ}48'30"W$ Oct. 1, 1970 5 ft. sand bar, chemfish, snorkel coll. W. Newman, S. Luke
- C 1396 Yvonne Is., near bomb crater Cactus and La Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 3067 TEPE70-35 Niaklubir Is., Holandes Cay, San Blas Is., Panama Oct. 7, 1970 $09^{\circ}35'07"N$ $78^{\circ}44'27"W$ 0-4 ft. snorkel R/V A. Helix W. Newman, S. Luke

cf. Odontozona

- C 3068 TEPE70-35 Niaklubir Is., Holandes Cay, San Blas Is., Panama $09^{\circ}35'07"N$ $78^{\circ}44'27"W$ Oct. 7, 1970 0-4 ft. snorkel R/V A. Helix W. Newman, S. Luke

Suborder REPTANTIA

Section MACRURA

Superfamily ERYONIDEA

Family Eryontidae

Polycheles sculptus pacificus Faxon

- C 2956 MV71-I-62 San Diego Trough $32^{\circ}27'N$ $117^{\circ}28'W$ 25' otter trawl 1235m June 1-2, 1971 R/V Agassiz C. Hubbs, S. Luke
- C 2957 SIO71-90 San Diego Trough $32^{\circ}32'N$ $117^{\circ}31'W$ 25' otter trawl 1234m Jun. 22, 1971 R/V Agassiz R. McConaughey
- C 2958 SIO71-201 San Diego Trough $32^{\circ}28'N$ $117^{\circ}32'W$ Nov. 1, 1971 1207-1244m 40' otter trawl R/V Agassiz T. Matsui

- C 1213 MV73-I-81 S. of Punta Guiones, Costa Rica $09^{\circ}32.5'N$ $85^{\circ}43.0'W$ $09^{\circ}36.7'N$ $85^{\circ}40.5'W$ 1157-1454m 10' IKMT April 20, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1105 M10-Sta. 1A San Diego Trough $32^{\circ}26.2'N$ $117^{\circ}31.6'W$ $32^{\circ}30.4'N$ $117^{\circ}34.3'W$ 1189m 25' otter trawl Feb. 9, 1972 R/V Oconostota coll. T. Matsui
- C 1052 MV72-II-27 off Arica, Chile $18^{\circ}40.5'S$ $70^{\circ}36.0'W$ $18^{\circ}32.2'S$ $70^{\circ}29.8'W$ 768-968m 25' otter trawl May 7, 1972 R/V T. Washington coll. R. Wisner, S. Luke
- Polycheles* sp.
- C 1011 M-7, Sta. 1 San Diego Trough $32^{\circ}26'N$ $117^{\circ}28.8'W$ $32^{\circ}30.7'N$ $117^{\circ}31.9'W$ 1225-1244m 40' otter trawl Sept. 14, 1971 R/V Agassiz coll. T. Matsui
- C 2902 MV72-II-26 off Arica, Chile $18^{\circ}42'S$ $70^{\circ}37'W$ May 7, 1972 1097-1152m 25' otter trawl R/V T. Washington S. Luke
- Gen. Indet.*
- C 1637 MV65-I-38 Basin off Bahia Magdalena $24^{\circ}24.3'N$ $113^{\circ}16.0'W$ $24^{\circ}39.4'N$ $113^{\circ}31.1'W$ 3563-3621m 6' Sigsbee trawl June 24, 1965 R/V Horizon coll. C. Hubbs (SIO65-221)
- C 1638 MV65-I-39 off Bahia Magdalena, Mex. $24^{\circ}37.5'N$ $113^{\circ}29.0'W$ - $24^{\circ}21.3'N$ $113^{\circ}12.5'W$ 3427-3621m 45' otter trawl June 25, 1965 R/V Horizon coll. C. Hubbs (SIO65-222)
- C 1639 MV68-I-49 Guaymas Basin, Gulf of Calif. $27^{\circ}23.0'N$ $111^{\circ}19.5'W$ - $27^{\circ}11.5'N$ $111^{\circ}31.7'W$ 1792-1875m 41' otter trawl Jan. 15, 1968 R/V T. Washington coll. C. Hubbs (SIO68-82)
- C 1640 O.P. Blind Spot-Golfo de Calif., Mex. $27^{\circ}22.4'N$ $111^{\circ}20.5'W$ - $27^{\circ}10.1'N$ $111^{\circ}29.6'W$ 1829-1875m 25' otter trawl June 14, 1970 R/V Agassiz coll. E. Kampa & R. McConaughey
- C 1641 Circle leg 10 sta. 251 Caribbean $63^{\circ}50'W$ Dec. 18, 1968 0440 951m-1097m Rock Dredge
- C 1642 San Diego Trough-Dredge 8 March 20, 1951 Dredge
- C 967 Rokop 71-41 Tanner Basin $32^{\circ}51.0'W$ $119^{\circ}32.0'W$ $32^{\circ}47.0'N$ $119^{\circ}28.5'W$ 1391m 25' otter trawl July 13, 1971 R/V Agassiz coll. F. Rokop
- C 798 Rokop 71-II-24 Tanner Basin $32^{\circ}41.0'N$ $119^{\circ}30.5'W$ $32^{\circ}46.5'N$ $119^{\circ}25.9'W$ 1317-1363m 25' otter trawl Jan. 20, 1971 R/V Agassiz coll. F. Rokop, R. McConaughey
- C 1644 MV65-IV-76 Anton Bruun Cruise 12 off Chile $32^{\circ}51'S$ $72^{\circ}08'W$ Dec. 19, 1965 2580m 5' Agassiz beam trawl R/V Anton Bruun coll. R. Wisner
- C 1750 MV72-II-32 Peru-Chile Trench, off Pta. San Juan, Peru 3475m 26' otter trawl $15^{\circ}45'S$ $76^{\circ}07'W$ R/V T. Washington May 10, 1972 coll. S. Luke
- C 1643 Downwind Exped. #5 off the Nasca Ridge, Chile $19^{\circ}40.5'S$ $80^{\circ}22'W$ Jan. 1958 Dredge

Superfamily SCYLLARIDEA

Family Scyllaridae

Scyllarus arctus Linn

- C 2976 Off Villa Donn' Anna, Naples, Italy, from oyster bed 6-7m July 25, 1962 C.R. Stasek w/*Balanus trigona* (C-286 Newman) & *B. sp.* (C-289 Newman)

Eubiacus princeps

- C 2980 400 mi. N. of La Paz, Baja, Calif., Sur, Mexico 7-1/2m rocky pile on silt bottom July 16, 1965

Parribacus sp.

- C 1406 Yvonne Is., near bomb craters Cactus and La Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- Gen. Indet.
- C 1287 MV73-I-12 Bahia Chamela, Mexico $19^{\circ}32.5'N$ $105^{\circ}10.5'N$ $19^{\circ}35.0'W$ $105^{\circ}11.0'W$ 66-71m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 3508 URSA Major Sta. 35 Leg II $32^{\circ}49'N$ $155^{\circ}00'W$ dip net at surface Sept. 9, 1964 2000-2300 Miller & Wiebe
- C 1280 MV73-I-37 Golfo de Tehuantepec, Mexico $15^{\circ}24.8'N$ $93^{\circ}33.3'W$ $15^{\circ}25.6'N$ $93^{\circ}34.1'W$ 46-48m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1146 MV73-I-22 Pta. Lizardo, Michoacan, Mexico $18^{\circ}06.7'N$ $102^{\circ}56.0'W$ $18^{\circ}07.5'N$ $102^{\circ}57.3'W$ 22-24m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1655 JEM72-3 (SI073-177) Indonesia McCluer Gulf-N. end $01^{\circ}13.1'S$ $130^{\circ}34'E$ 11-15m 16' otter trawl Dec. 16, 1972 J.E. McCosker
- C 2981 SI063-521 Golfo de Tehuantepec, Mexico $15^{\circ}41'N$ $96^{\circ}07.5'W$ 73-37m 12' Try Net July 14, 1963 D. Dockins
- C 2978 Off Panama City, Florida 90 ft. near instrument tower 1964
- C 2977 SI068-498 Midway Is., lagoon just inside outside reef 2-15 ft. rotenone R. Rosenblatt #62 Sept. 24, 1968
- C 2975 Princess Charlotte Bay, Australia, 2 mi. off shore between Bizant and Normany Rivers otter trawl at 25 ft. Nov. 29, 1966 R. McConaughey
- C 2974 SI066-525 Queensland Australia. W. Coast of Stanely Id., Flinder Group 15-18m otter trawl $14^{\circ}09.3'S$ $144^{\circ}12.2'E$ Dec. 26, 1966 R/V A. Helix C. Hubbs
- C 2973 Off Manta, Ecuador 1958-1959 ca. $02^{\circ}S$ $82^{\circ}W$
- C 2972 Isabel Island, Galapagos Islands, Ecuador, Oct. 1947 Dominie Mastro

Family Palinuridae

Jasus panlensis

- C 1527 Ile Amsterdam Sta. AMS'1.371a coll. J. Bearois 12-14-71

Panulirus gracilis Streets

- C 892 TEPE70-8 Pta. Fea, Bahia Damas, Is. Coiba $07^{\circ}23'35''N$ $81^{\circ}38'45''W$ chemfish-SCUBA intertidal Sept. 17, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- C 884 TEPE70-5 N. shore of Isla Jicaron, Panama $07^{\circ}17'20''N$ $81^{\circ}47'15''W$ 1-2' tidepools chemfish-SCUBA Sept. 16, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke

Panulirus interruptus (Randall)

- C 2753 "San Fransicito Bay, Gulf. of Calif. Aug. 21, 1957 6-8 ft. rock under seaweed Gilkey cruise 5708-S" (This may mean San Francisco Bay ca. $28^{\circ}25'N$ $112^{\circ}50'W$) (or it may mean fish camp at Isla San Francisco)
- C 2971 SI059-354 Bird Rock, San Diego, Calif. 600' wall net, pronox fish, diving 40-45 ft. Sept. 25, 1959 C. Hubbs
- C 2664 Mag Bay A-12 S. part of Pta. Magdalena, in Magdalena Bay, Baja Calif. sur. $24^{\circ}37'N$ $112^{\circ}07'W$ Jan. 29, 1964 H. Lowenstam (SI064-10)

- C 2686 Bahia de Los Mertos, Baja Calif. Sur, Mexico ca. $23^{\circ}50'N$ $109^{\circ}45'W$ 25 ft. March 27, 1974 D. Wilkie & L. Castanara
- C 2682 SI061-2 ca. 2 mi. N. of tip of Pt., Cabo San Quintin, San Quintin, Baja Calif. pronoxfish & dipnet-tidepools, Jan. 17, 1971 J. Stewart
- C 2673 SI063-1054 W. of Mt. Mazo, outside Bahia San Quintin, Baja Calif. Norte $30^{\circ}22'26''N$ $116^{\circ}00'35''W$ Dec. 1, 1963 0-3 ft. tidepools, rotenone K. W. Radford
- C 2674 H48-33 Village of San Bartoleme, Bahia Tortugas, Baja Calif. Sur, Feb. 5, 1948 $27^{\circ}41'40''N$ $114^{\circ}53'40''W$ 25' bag seine, both sides of Pier C. Hubbs
- C 2667 Scripps Institution beach, La Jolla, Calif. Feb. 20, 1929 P.S. Barnhart
- C 2666 Off La Jolla, Calif. from Union Fish Co., San Diego (for trifurcate antenna)
- C 2668 Bird Rock area, La Jolla, Calif. Oct. 12, 1920
- Panulirus penicillatus* (Olivier)
- C 1405 Yvonne Is., near bomb craters Cactus and La Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 2670 Clipperton Is., ca $10^{\circ}N$ $109^{\circ}W$ Oct. 1956 W. Baldwin & C. Limbaugh
- Panulirus* sp.
- C 2754 6208-9 La Paz, Baja Calif. Sur, Mexico ca. $24^{\circ}24'N$ $110^{\circ}37'W$ July 29, 1963
- C 1243 MV73-I-21 E.S.E. from Punta San Telmo, nearer Pta. Lizardo Mexico $18^{\circ}06.5'N$ $102^{\circ}57.3'W$ $18^{\circ}07.0'N$ $102^{\circ}58.6'W$ 37-38m, 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1162 MV73-I-28 N. of Acapulco, Mexico $17^{\circ}25.3'N$ $101^{\circ}21.6'W$ $17^{\circ}25.0'N$ $101^{\circ}19.5'W$ 117-102m 40' otter trawl April 6, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1163 MV73-I-28 N. of Acapulco, Mexico $17^{\circ}25.3'N$ $101^{\circ}21.6'W$ $17^{\circ}25.0'N$ $101^{\circ}19.5'W$ 117-102m 40' otter trawl April 6, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 2665 Mag Bay A-12 S. part of Pta. Magdalena in Magdalena Bay, Baja Calif. Sur $24^{\circ}37'N$ $112^{\circ}07'W$ Jan. 29, 1964 H. Lowenstam (SI064-10)
- C 2669 RR-65 Bahia Santa Inez, Baja Calif. Sur $27^{\circ}56.5'N$ $112^{\circ}00.5'W$ 0-5 ft. noxfish July 14, 1965 B. Walker (SI065-309)
- C 2671 SI063-476 Golfo de Nicoya, Costa Rica, bait net, Mar. 9, 1947 J.C. Marr
- C 2672 RR65-54 Pta. Prieta, Bahia Santa Inez, Baja Calif. Sur $26^{\circ}54.5'N$ $111^{\circ}58.2'W$ 0-12 ft. noxfish July 14, 1965 B. Walker (SI065-308)
- C 2675 RR65-82 N. of Pta. Mangles, Baja Calif. Sur $26^{\circ}19.25'N$ $111^{\circ}24.2'W$ 0-20 ft. chemfish & SCUBA July 20, 1965 R. Rosenblatt (SI065-336)
- C 2676 RR65-69 Pta. Lobos, Carmen Is., Baja Calif. Sur ca. $26^{\circ}04'N$ $111^{\circ}05'W$ Calif. Sur ca. $26^{\circ}04'N$ $111^{\circ}05'W$ 0-20 ft. noxfish July 17, 1965 B. Walker (SI065-323)
- C 2677 RR65-80 ca. 2 mi. S. of Pta. Mangles, Baja Calif. Sur, ca. $26^{\circ}19'N$ $111^{\circ}24'W$ 0-15 ft. chemfish & noxfish July 20, 1965 B. Walker (SI065-334)
- C 2678 RR65-66 S. of Pta. Pulpito, Baja Calif. Sur $26^{\circ}30.8'N$ $111^{\circ}27.7'W$ 0-10 ft. noxfish & skindiving July 16, 1965 B. Walker (SI065-320)

- C 2679 RR65-61 Pta. Concepcion, Baja Calif. Sur, ca. $26^{\circ}50'N$ $111^{\circ}45'W$ 0-8 ft. noxfish & skindiving July 15, 1965 W. Baldwin (SI065-315)
- C 2680 RR65-46 Salinas Bay, E. side of Carmen Is., Baja Calif. Sur $25^{\circ}58.4'N$ $111^{\circ}05.8'E$ 0-7 ft. noxfish & skindiving July 13, 1965 B. Walker (SI065-300)
- C 2681 RR65-70 Pta. Lobos, at N. end of Carmen Is., Baja Calif. Sur, ca. $25^{\circ}59'N$ $111^{\circ}06'W$ 0-10 ft. noxfish July 17, 1965 B. Walker (SI065-324)
- C 2683 RR65-30 near Pta. San Telmo, Baja Calif. Sur, $25^{\circ}18'N$ $110^{\circ}57.5'W$ 0-10 ft. noxfish & snorkel July 10, 1965 B. Walker (SI065-284)
- C 2684 MV73-I-2 N.E. of Is. Maria Madre, Tres Marias Islas, Mex. $22^{\circ}00'N$ $106^{\circ}16'W$ 82-88m 25' otter trawl Mar. 30, 1973 R/V Agassiz C. Hubbs, S. Luke
- C 2685 SI062-704 Pta. Marquis, S. side of reef at tip of Pt., Baja Calif. $23^{\circ}56.8'N$ $110^{\circ}52.2'W$ 0-28 ft. chemfish & SCUBA Dec. 4, 1962 D. Dockins (B6212-4)
- C 2687 San Diego Breakwater, San Diego, Calif. in Lobster trap Jan. 17, 1961 Carl A. Magers, Jr.
- C 2688 RR61 Los Frailes Bay, Baja Calif. Sur ca. $23^{\circ}24'N$ $109^{\circ}24'W$ 3-20 ft. SCUBA June 17, 1961 D. Leighton
- C 3502 6108B-8 San Juanito Is., Tres Marias Is., Mex. $21^{\circ}43.5'N$ $106^{\circ}42.3'W$ 0-20 ft. diving & poison Aug. 14, 1961 F.H. Berry (SI062-8)
- Gen. Indet.
- C 2689 Monsoon P-247-60 off Smith Point, Christmas Is., ca. $02^{\circ}N$ $157^{\circ}W$ 15 ft. skindiving Nov. 19, 1960 1700
- C 2690 Piquero V Easter Is., Chile ca. $25^{\circ}S$ $109^{\circ}W$ intertidal hand collected by Island Natives April 2-3, 1969
- C 2691 Monsoon P-251-60 shell dredge off St. Paul Is., $38^{\circ}42.6'S$ $77^{\circ}30.0'E$ 750m Dec. 23, 1960 2150-2245 Rowland
- C 2692 Monsoon P-226-60 Wialaua Bay, 0-25 ft. skin-diving Sept. 12, 1960 Rowland & Newhouse
- C 2693 SI067-45 Toro Pt., Panama, Atlantic side March 23, 1967 0-15 ft. rotenone & pronox-fish, coral, R. Rosenblatt
- Superfamily NEPHROPSIDEA
- Family Nephropsidae
- Nephropsis occidentalis Faxon
- C 2946 Mag. Bay A-20 Magdalena Bay, Baja Calif. Sur, Mexico $24^{\circ}54'N$ $113^{\circ}08'W$ 1229-1146m 6' Sigsbee trawl, Jan. 31, 1964 R/V Horizon C. Hubbs (SI064-14)
- C 2947 Cabo San Lucas Submarine Canyon, Cabo San Lucas, Baja Calif. Sur, Mex. 1097m rock dredge-granite, mica sand on mudstone Jan. 1957
- C 2913 MV72-II-27 off Arica, Chile $18^{\circ}35'W$ $70^{\circ}32'W$ 25' otter trawl 768-968m May 7, 1972 S. Luke R/V T. Washington
- C 2901 MV72-II-26 off Arica, Chile $18^{\circ}42'S$ $70^{\circ}37'W$ May 7, 1972 1097-1152m 25' otter trawl R/V T. Washington S. Luke
- Family Astacidae
- Procambarus clarki (Girard)
- C 2954 H53-3 Rio Colorado, Baja Calif. Norte ca. 15 mi. by river S. of El Mayor 3-1/2 ft. willows & mud 25' bag seine Jan. 20, 1953 K. S. Norris
- C 2953 H53-4 Rio Colorado, Baja Calif. Norte, 2 mi. above "Pongo de Abajo" ferry crossing 8.5 mi. S. of El Mayor, mud, to 60 ft. 25' bag seine Jan. 21, 1953 K.S. Norris
- C 2952 H53-27 Coahuila, Mexico, Rio Fuente at Hy. 75 near Piedras Negras, 3 mi. above mouth of Rio Grande 25' bag seine May 11, 1953 C. Hubbs
- C 2951 SI064-390 Mono Lake, Calif. $37^{\circ}29'26"N$ $118^{\circ}24'13"W$ fish slough on E. side, July 10, 1964 mud 0.5m 12' common sense seine C. Hubbs
- C 2950 SI062-625 Los Angeles River, Encino, Los Angeles Co., Jan. 28, 1955 5400 Balboa Blvd. C. Rozaire
- C 2949 Lake Murray, San Diego Co. ca. 2 mi. W. of San Diego State Univ. Jan. 22, 1965 Gen. Indet.
- C 2955 H53-34 Michoacan, Mexico, Lago de Camedcuaro, 1 mi. N.N.W. of Tangancicuaro, 7 mi. S.W. of Zamora, May 21, 1953 1/4" minnow seine to 5 ft. C. Hubbs
- Superfamily THALASSINIDEA
- Family Axidae
- Calastacus quinqueseriatus Rathbun
- C 1019 Operation Blind Spot, below Guaymas $27^{\circ}11.5'N$ $111^{\circ}31.8'W$ $27^{\circ}19.5'N$ $111^{\circ}22.5'W$ 1829-1875m 25' otter trawl June 15, 1970 Gulf of Calif. coll. E. Kampa
- C 1020 Operation Blind Spot, below Guaymas $27^{\circ}22.4'N$ $111^{\circ}20.5'W$ $27^{\circ}10.1'N$ $111^{\circ}29.6'W$ ca. 1829m 25' otter trawl June 14, 1970 Gulf of Calif. coll. E. Kampa
- C 1021 MV68-I-75 S. part of Guaymas Basin $26^{\circ}42.9'N$ $110^{\circ}58.2'W$ $26^{\circ}46.5'N$ $111^{\circ}03.5'W$ 1685-1723m 25' otter trawl Jan. 22, 1968 Gulf of Calif. coll. C. Hubbs
- C 1022 MV68-I-75 Guaymas Basin $27^{\circ}23.0'N$ $111^{\circ}19.5'W$ $27^{\circ}11.5'N$ $111^{\circ}31.7'W$ 1792-1875m 41' balloon trawl Jan. 15-16, 1968 Gulf of Calif. coll. C. Hubbs
- C 1024 SI068-83 S. of Isle San Pedro $27^{\circ}40.0'N$ $111^{\circ}22.6'W$ $27^{\circ}38.1'N$ $111^{\circ}20.1'W$ 931-953m 40' balloon trawl Jan. 16, 1968 Gulf of Calif. MV68-I-50 coll. C. Hubbs
- C 1018 Operation Blind Spot, below Guaymas $27^{\circ}22.5'N$ $111^{\circ}20.9'W$ $27^{\circ}14.0'N$ $111^{\circ}24.5'W$ 1829-1875m 25' otter trawl June 14, 1970 Golfo de Calif. coll. E. Kampa
- C 1029 MV71-I-31 between San Benitos & Cedros $28^{\circ}17.7'N$ $115^{\circ}29.1'W$ $28^{\circ}17.2'N$ $115^{\circ}27.3'W$ 329-311m 6' Sigsbee trawl May 27, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1547 M15 OT-13 Pta. Piedras Blancas, Calif. $35^{\circ}32.1'N$ $121^{\circ}24.5'W$ $35^{\circ}37.9'N$ $121^{\circ}29.7'W$ 567-603m 25' otter trawl April 1, 1974 R/V Agassiz coll. T. Matsui, B. Burnett
- Calastacus sp.
- C 1688 A-20 Afterthot II San Nicholas Basin $32^{\circ}02.9'N$ $119^{\circ}02.9'W$ $32^{\circ}02.2'N$ $119^{\circ}02.6'W$ 1746m 25' otter trawl May 7, 1975 R/V Agassiz coll. J. Siebennaler
- C 1023 M-7 Sta. 3 San Clemente Basin $32^{\circ}34'N$ $118^{\circ}10'W$ $32^{\circ}27'N$ $118^{\circ}06'W$ 1792-1866m 40' otter trawl Sept. 16, 1971 R/V Agassiz coll. T. Matsui
- C 801 Rokop 71-II-20 San Diego Trough $32^{\circ}24.7'N$ $117^{\circ}27.75'W$ $32^{\circ}29.2'N$ $117^{\circ}30.2'W$ 1226-1204m 25' otter trawl, Jan. 18-19, 1971 R/V Agassiz coll. F. Rokop

- C 1628 Trawl #9 San Clemente Basin, Calif. $32^{\circ}26.0'N$
 $117^{\circ}54.0'W$ $32^{\circ}25.5'N$ $117^{\circ}49.8'W$ 1596-1600m
16' otter trawl Sept. 5, 1974 R/V Oconostota
coll. J. Siebenaller
- Axiopsis (Calocarides)
- C 3187 Rokop 70-3 San Diego Trough $32^{\circ}24'N$ $117^{\circ}29.5'W$
25' otter trawl 1243-1258m Oct. 26, 1970 R/V
Agassiz F. Rokop, S. Luke
- C 2864 Rokop 71-41 Tanner Basin, Calif. $32^{\circ}48'N$
 $119^{\circ}29'W$ 25' otter trawl 1390m July 13, 1971
R/V Agassiz F. Rokop
- C 2863 Rokop 71-37 San Diego Trough $32^{\circ}25'N$ $117^{\circ}26'W$
25' otter trawl 1194-1097m April 21, 1971
R/V Agassiz F. Rokop
- cf. Axiopsis
- C 1229 MV73-I-68 ca. S.W. of Corinto, Nicaragua
 $12^{\circ}09'N$ $87^{\circ}32'W$ $12^{\circ}11.5'N$ $87^{\circ}35.5'W$ 112m
40' otter trawl April 17, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- Axius (Neaxius) vivesi Bouvier
- C 1028 Magdalena Bay, N. of Pta. Belcher $24^{\circ}35.3'N$
 $112^{\circ}05.2'W$ Feb. 2, 1964 C. Hubbs
- Axius (Eiconaxius) sp.
- C 2896 69/06/1 Northeast Bank, Baja Calif. Norte,
Mex. ca. $32^{\circ}20'N$ $119^{\circ}40'W$ 1250-500m rock
dredge #2 June 20, 1969 R/V Agassiz E.L.
Winterer
- Gen. Indet.
- C 2865 SIO63-504 off Salina Cruz, Oaxaca, Mexico
 $15^{\circ}57.7'N$ $95^{\circ}00'W$ July 8, 1963 49-73m 12'
Try Net D. Dockins
- C 2872 Lusiad Exped. LSDH-16 Seychelles Is., Indian
Ocean $04^{\circ}31'S$ $54^{\circ}30'E$ dredge Oct. 19, 1962
George Shor (SIO63-150)
- C 2873 MV71-I-14 Lobster Camp, E. side of Guadalupe
Is., Baja Calif. $29^{\circ}00'N$ $118^{\circ}13.6'W$ inter-
tidal May 21, 1971 R/V Agassiz C. Hubbs
S. Luke
- C 2874 SIO63-510 Golfo de Tehuantepec, off Chiapas,
Mexico $15^{\circ}20'N$ $93^{\circ}47.5'W$ 137-165m 12' Try
Net July 10, 1963 D. Dockins
- C 2879 NAGA S-9A 60-6081 CN 629 Gulf of Thailand
Dec. 12, 1960 2218
- C 2895 TO5801 Zihuatanejo, Guerrero, Mexico ca.
 $17^{\circ}35'N$ $101^{\circ}30'W$ dip net June 9, 1958
- C 2892 Mag Bay A-20 off Bahia Magdalena, Baja
Calif. Sur, Mex. $24^{\circ}54'N$ $113^{\circ}08'W$ 1229-
1146m 6' Sigsbee trawl Jan. 31, 1964 R/V
Horizon C. Hubbs (SIO64-14)
- C 2893 Mag Bay A-20 off Bahia Magdalena, Baja
Calif. Sur, Mex. $24^{\circ}54'N$ $113^{\circ}08'W$ 1229-1146m
6' Sigsbee trawl Jan. 31, 1964 R/V Horizon
C. Hubbs (SIO64-14)
- Family Callianassidae
- Callianassa affinis Holmes
- C 2867 Dana Point, Calif. N. San Clemente excavated
marine site May 13, 1969 F. Rokop
- C 2886 Tip of Pt. Loma, San Diego, Calif. Nov. 14,
1955 P.W. Johnson
- C 2888 La Jolla, Calif. 1915-1916 H.O. Falk
- C 1604 Palomar St. Reef, La Jolla, Calif. inter-
tidal sandstone rocks, hand collected Jan.
8, 1975 coll. S. Luke
- Callianassa californiensis Dana
- C 2860 San Diego, Calif. intertidal ca. 1973
Ed Brothers
- C 2882 Mud flats along mouth of Tijuana River,
Imperial Beach, Calif. July 13, 1913 Wm. E.
Ritter
- C 2885 Mission Bay at San Diego Place, San Diego,
Calif. Dec. 10, 1954 P.W. Johnson
- C 2890 Beach just S. of Lagoon, Friday Harbor,
Washington Myrtle Johnson
- C 1586 Fiesta Island, Mission Bay Mud Flats, San
Diego, Calif. intertidal hand collection
Jan. 9, 1974 coll. S. Luke
- C 3648 Santa Barbara Cove, Mission Bay, San Diego,
Calif. slurp gun intertidal -1.2 tide
Feb. 17, 1977 S. Luke
- Callianassa cf. californiensis Dana
- C 1832 'ECCE' LM-27 Laguna Manuela, Baja Calif.,
Mexico $28^{\circ}14'N$ $114^{\circ}08.5'W$ Lagoon intertidal
Aug. 4, 1975 coll. Hemingway, S. Luke
- Callianassa gigas Dana
- C 2889 Left side of San Diego Yacht Club, San
Diego, Calif. sand bottom Jan. 28, 1953
P.W. Johnson
- C 2891 San Diego, Calif. June 18, 1909 $32^{\circ}40.7'N$
 $117^{\circ}08.8'W$
- Callianassa sp.
- C 2894 Lagoon Beach, Coos Bay, Oregon? ca. $43^{\circ}N$
 $124^{\circ}20'W$ June 4, 1961 0.0 level Bernar 01MB
- C 2887 Rocky beach N. of Scripps Inst. of Ocean.
Nov. 14, 1916 P.S. Barnhart
- C 2876 La Jolla Beach & Tennis Club, La Jolla,
Calif. April 15, 1966
- C 2875 1957III30(A) Eastern most end of Carlsbad
Lagoon, screen bag dredge J. Kentner
- C 2871 Mission Bay, San Diego, Calif. May 28
- C 2870 Point Loma Light House, San Diego, Calif.
Aug. 17, 1962
- C 2869 Mission Bay, San Diego, Calif.
- C 2868 SIO 49-159 S. of Rio Santo Tomas, Baja
Calif. Norte, Mexico 0-2 ft. $31^{\circ}31'N$
 $116^{\circ}40'W$ Nov. 20, 1949 C. Hubbs
- C 2866 SIO48-87 Laguna Coyote, E. of Pta. Abregos
 $26^{\circ}48'22"N$ $113^{\circ}27'30"W$ 3 ft. 17' goby seine
Feb. 14, 1948 C. Hubbs
- C 2862 Bahia San Quintin, Baja Calif. Norte, Mex-
ico, West Bay high intertidal muddy sand
with rocks Ulva deeper Oct. 7, 1971 S. Luke
- C 2861 San Diego, Calif. intertidal ca. 1973 Ed
Brothers
- C 2776 San Lucas Cove, ca. 7 mi. S. of Santa Ro-
salia, Baja Calif. Sur, Mex. ca. $27^{\circ}15'N$
 $112^{\circ}17'W$ Mar. 25, 1976 R. Bauer
- C 3560 SB#56 Altata, Sialoa, Mex. beach ca. $24^{\circ}40'N$
 $107^{\circ}52'W$ 20-30 ft. cores Apr. 18, 1960
M/V Orca A. Flechsig
- C 1016 MV68-I-29 W. of Isla del Espiritu Santa,
Bahia de La Paz, Jan. 12, 1968 $24^{\circ}24.3'N$
 $110^{\circ}23.7'W$ $24^{\circ}25.6'N$ $110^{\circ}25.5'W$ 82-119m
40' otter trawl coll. C. Hubbs
- C 1017 MV68-I-9 E. of Punta Gorda in Cape Region,
N.E. of outer Gorda bank Jan. 10, 1968
 $23^{\circ}02.2'N$ $109^{\circ}28.1'W$ $23^{\circ}05.0'N$ $109^{\circ}28.7'W$
97-187m otter trawl coll. C. Hubbs
- Upogebia pugettensis (Dana)
- C 2884 Crown Point, Mission Bay, San Diego, Calif.
Oct. 14, 1955 P.W. Johnson
- C 2881 Mission Bay, San Diego, Calif. Feb. 23,
1963 Arlo Fast
- Upogebia cf. pugettensis (Dana)
- C 1831 'ECCE' LM-27 Laguna Manuela, Baja Calif.
Mexico $28^{\circ}14'N$ $114^{\circ}08.5'W$ lagoon inter-
tidal Aug. 4, 1975 coll. Hemingway, Luke
- C 1806 'ECCE' B.T.-22 Bahia Tortugas, Baja Calif.
 $27^{\circ}41'N$ $114^{\circ}53'W$ upper mid-intertidal coll.
Hemingway, Luke July 31, 1975
- Upogebia sp.
- C 3526 Coyote Bay, Bahia Concepcion, Baja Calif.
Sur, Mexico ca. $26^{\circ}40'N$ $111^{\circ}50'W$ April 16,
1974
- C 2883 La Jolla, Calif. ? June 29, 1906 15-7m

- C 2880 TEPE70-30 Agualargana Is., Holandes Cay, Panama $09^{\circ}35'54"N$ $78^{\circ}46'58"W$ 0-60 ft. SCUBA Sept. 27, 1970 coral reef R/V A. Helix, W. Newmann, S. Luke
- C 1183 MV73-I-63 S.W. of San Jose, Guatemala $13^{\circ}22.0'N$ $91^{\circ}18.5'W$ $13^{\circ}23.0'N$ $91^{\circ}20.0'W$ 159-146m 40' otter trawl April 16, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Gen. Indet.
- C 3310 DFH66-9 Port Arkansas, Texas, at Institute, off Marine Science Pier, tide trap summer 1964 D. Hoesel
- C 2878 NAGA S-4 60-0232 Cat. #42-00493 12 mi. off Pt. Ong Dien $13^{\circ}26.2'N$ $109^{\circ}31.3'E$ 141m 10' beam trawl Mar. 3, 1960 mud & sand
- C 2877 NAGA 9A 60-1065 coll. no. CN613a-Gulf of Siam $11^{\circ}13'50"N$ $99^{\circ}41'30"E$ 39m 16' beam trawl Dec. 11, 1960 Matsui
- C 2651 RR65-42 Bahia Agua Verde, Baja Calif. Sur $25^{\circ}30.7'N$ $111^{\circ}04.2'W$ 5 ft. noxfish July 12, 1965 W. Baldwin (SIO65-296)
- C 1244 MV73-I-21 E.S.E. from Punta San Telmo, nearer Pta. Lizardo Mexico $18^{\circ}06.5'N$ $102^{\circ}57.3'W$ $18^{\circ}07.0'N$ $102^{\circ}58.6'W$ 37-38m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1279 MV73-I-38 Golfo de Tehuantepec, Mexico $15^{\circ}31.0'N$ $93^{\circ}22.0'W$ $16^{\circ}31.0'N$ $93^{\circ}23.1'W$ 22m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1257 MV73-I-61 Champerico, Guatemala $13^{\circ}40.0'N$ $91^{\circ}43.0'W$ $13^{\circ}41.3'N$ $91^{\circ}46.0'W$ 117-112m 40' otter trawl April 15, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

Family Thalassinidae

- Gen. Indet.
- C 2177 P191-60 off Santa Rosalia, Baja Calif. $28^{\circ}41.0'N$ $112^{\circ}06.0'W$ 35-26m 10' otter trawl March 25, 1960 coll. R. Parker
- C 1177 MV73-I-40 Golfo de Tehuantepec, Mexico $14^{\circ}44.8'N$ $93^{\circ}00.0'W$ $14^{\circ}41.2'N$ $93^{\circ}02.0'W$ 82-88m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

Section ANOMURA

Superfamily PAGURIDEA

Family Lithodidae

- Hapalogaster cavicauda Stimpson
- C 743 Point Loma, March 7, 1963 cat. No. XVIII-94
- C 783 Pacific Grove, California February 1921 coll. Myrtle Johnson
- C 782 Friday Harbor, Washington 1921 coll. Myrtle Johnson
- Acantholithodes hispidus (Stimpson)
- C 3666 DW76-5-5 Alert Bay, British Columbia, rocky intertidal Aug. 27, 1976 D. Wilke
- C 647 MB-37 AVB Set #1 Shrimp trap $33^{\circ}57'35"N$ $119^{\circ}28'30"W$ 174m set July 19, 1969 coll. Roger Green (Fisheries)
- Cryptolithodes sitchensis Brandt
- C 773 Off Bird Rock, La Jolla, Calif. 40 ft. SCUBA Aug. 6, 1965 coll. D. Leighton
- C 772 Cortez Bank, Southern California May 13, 1963 depth ~30 ft. Black Douglas
- C 2752 Boomer Beach, La Jolla, Calif. 45 ft. SCUBA in kelp beds June 9, 1976 D. White
- Lopholithodes foraminatus (Stimpson)
- C 3064 SI076-323 Cortes Bank, off S. Calif. 110m otter trawl Sept. 17, 1976 R/V D.S. Jordan
- C 775 9 miles W. of Pt. Loma depth 110m Nov. 1960 R-6-5-2-5-79
- Paralomis verrilli (Benedict)
- C 1626 Trawl #9 San Clemente Basin, Calif. $32^{\circ}26.0'N$ $117^{\circ}54.0'W$ $32^{\circ}25.6'N$ $117^{\circ}49.8'W$ 1596-1600m 16' otter trawl Sept. 5, 1975 R/V Oconostota coll. J. Siebenaller
- C 1624 Trawl #8 San Clemente Basin, Calif. $32^{\circ}28.0'N$ $117^{\circ}46.7'W$ $32^{\circ}27.6'N$ $117^{\circ}54.5'W$ 1527-1545m 16' otter trawl Sept. 5, 1974 R/V Oconostota coll. J.F. Siebenaller
- C 996 M-6, Sta. 1 San Diego Trough $32^{\circ}27.3'N$ $117^{\circ}30.7'W$ $32^{\circ}21.5'N$ $117^{\circ}27.0'W$ 1244m 25' otter trawl Aug. 11, 1971 R/V Agassiz coll. Matsui
- C 993 MV68-I-49 Guaymas Basin, Calif. Gulf $27^{\circ}23.0'N$ $111^{\circ}19.5'W$ $27^{\circ}11.5'N$ $111^{\circ}31.7'W$ 1792-1875m 41' Marinovich otter trawl Jan. 16, 1968 coll. C. Hubbs R/V Washington
- C 944 MV71-I-16 Bank - northeast of Isla de Guadalupe $29^{\circ}27.5'N$ $117^{\circ}19.2'W$ 896m free vehicle trap May 23, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 946 MV71-I-26 West of Islas San Benitos $28^{\circ}52.2'N$ $115^{\circ}49.7'W$ free vehicle trap 2003m May 25, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 776 Isaacs-Agassiz Fish trap $30^{\circ}23.2'N$ $119^{\circ}58.5'W$ 706m Sept. 5, 1965
- C 777 SI059-364 1728m $31^{\circ}0.5'N$ $118^{\circ}6.0'W$ Oct. 27, 1959 coll. George Schick
- C 781 Operation Blindsight $27^{\circ}22.4'N$ $111^{\circ}20.5'W$ $27^{\circ}10.1'N$ $111^{\circ}29.6'W$ 1866m 25' otter trawl Jan. 14, 1970 R/V Agassiz coll. E. Kampa
- C 754 Rokop 70-I-3 San Diego Trough $32^{\circ}26.1'N$ $117^{\circ}30.7'W$ $32^{\circ}22.5'N$ $117^{\circ}28.8'W$ 1259-1244m 25' otter trawl Oct. 26, 1970 R/V Agassiz coll. F. Rokop, R. McConaughey, S. Luke
- C 1683 A-17 Afterthot II West Cortez Basin $32^{\circ}25.3'N$ $119^{\circ}30.4'W$ $32^{\circ}24.8'N$ $119^{\circ}29.9'W$ 1362m 25' otter trawl May 7, 1975 R/V Agassiz coll. J.F. Siebenaller
- Paralomis multispina (Benedict)
- C 802 Rokop 71-II-20 San Diego Trough $32^{\circ}24.7'N$ $117^{\circ}27.75'W$ $32^{\circ}29.2'N$ $117^{\circ}30.2'W$ 1226-1204m 25' otter trawl Jan. 18-19, 1971 R/V Agassiz coll. F. Rokop
- C 937 MV71-I-62 San Diego Trough $32^{\circ}21.8'N$ $117^{\circ}24.0'W$ $32^{\circ}30.7'N$ $117^{\circ}32.8'W$ 1235m 25' otter trawl June 1-2, 1971 R/V Agassiz coll. C. Hubbs, S. Luke, R. Wisner
- C 953 MV71-I-17 bank N.E. of Isla de Guadalupe $29^{\circ}28.9'N$ $117^{\circ}17.1'W$ 1198m free vehicle trap May 23, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 948 MV71-I-59 S.E. of San Clemente Is. $32^{\circ}31.8'N$ $117^{\circ}58.7'W$ May 31, 1971 1399m free vehicle trap R/V Agassiz coll. C. Hubbs, S. Luke
- C 943 SI071-90 San Diego Trough $32^{\circ}25.3'N$ $117^{\circ}28.9'W$ $32^{\circ}35.1'N$ $117^{\circ}33.7'W$ 1234m 25' otter trawl June 22, 1971 R/V Agassiz coll. R. McConaughey
- C 969 Rokop 71-38 San Diego Trough $32^{\circ}36.3'N$ $117^{\circ}32.4'W$ $32^{\circ}32.1'N$ $117^{\circ}27.7'W$ 1208m 25' otter trawl April 21, 1971 R/V Agassiz coll. F. Rokop
- C 997 M-6, Sta. 1, San Diego Trough $32^{\circ}27.3'N$ $117^{\circ}30.7'W$ $32^{\circ}21.5'N$ $117^{\circ}27.0'W$ 1244m 25' otter trawl Aug. 11, 1971 R/V Agassiz coll. Matsui

- C 1008 M-7, Sta. 1 San Diego Trough $32^{\circ}25.8'N$
 $117^{\circ}28.8'W$ $32^{\circ}30.7'N$ $117^{\circ}31.9'W$ 1225-1244m
 otter trawl Sept. 14, 1971 R/V Agassiz
 coll. Matsui
- C 1104 M10-Sta. 1A San Diego Trough $32^{\circ}26.2'N$
 $117^{\circ}31.6'W$ $32^{\circ}30.4'N$ $117^{\circ}34.5'W$ 1189m 25'
 otter trawl Feb. 9, 1972 R/V Oconostota
 coll. T. Matsui
- C 1681 A-17 Afterthot II West Cortez Basin $32^{\circ}25.3'N$
 $119^{\circ}30.4'W$ $32^{\circ}24.8'N$ $119^{\circ}29.9'W$ 1362m 25'
 otter trawl May 7, 1975 R/V Agassiz coll.
 J.F. Siebenaller
- C 1677 A-19 Afterthot II West Cortez Basin
 $32^{\circ}27.7'N$ $119^{\circ}33.8'W$ $32^{\circ}27.9'N$ $119^{\circ}34.1'W$
 1445m 25' otter trawl May 7, 1975 R/V
 Agassiz coll. J. Siebenaller
- C 793 Rokop 70-I-12 San Diego Trough $32^{\circ}37.0'N$
 $117^{\circ}32.6'W$ $32^{\circ}33.2'N$ $117^{\circ}33.1'W$ 1171-1217m
 25' otter trawl Oct. 29, 1970 R/V Agassiz
 F. Rokop, R. McConaughey, S. Luke
- C 778 SIO59-364 1728m $31^{\circ}0.5'N$ $118^{\circ}6.0'W$ Oct. 27,
 1959 coll. George Schick
- C 779 Acc. 1463 cat. 1746 6 mi. S. of Coronado
 Is., Baja Calif., free trap to 1362m May 19,
 1959 coll. George Schick
- C 731 SIO68-106 Golfo de Calif. E. of Isla Carmen
 & N. of Isla Catalina $25^{\circ}56.6'N$ $110^{\circ}37.5'W$
 Jan. 22-23, 1968 1280m 3-cham. free vehicle
 R/V Washington coll. C. Hubbs & Pty.
- C 701 MV66-III-7 off Pta. Mezquite, B.C. $32^{\circ}07.0' -$
 $32^{\circ}04.4'N$ $117^{\circ}15.2' - 117^{\circ}12.4'W$ 1335-1244m 40'
 trawl Dec. 8, 1966 coll. C.L. Hubbs
- C 641 SIO70-7 Sixty Mile Bank to No Name Basin
 $31^{\circ}50.7'N$ $118^{\circ}08.0'W$ - $31^{\circ}55.8'N$ $118^{\circ}22.2'W$
 768m free vehicle trap, Dec. 16, 1969 R/V
 Melville coll. C. Hubbs, R. Wisner, S. Luke
- C 642 SIO67-57 MV67-1A-14 April 24-29, 1967
 $29^{\circ}31.6'N$ $117^{\circ}19.2'W$ N.E. of Guadalupe Id.,
 Mexico, bottom trap, 1563m
- C 644 SIO65-57 MV67-1A-14 April 24-29, 1967
 $29^{\circ}31.6'N$ $117^{\circ}19.2'W$ N.E. of Guadalupe Id.,
 Mexico, bottom trap, 1563m
- C 645 SIO64-1029 Santa Cruz Basin: $33^{\circ}46.0'N$
 $119^{\circ}37.0'W$ 1829m April 23, 1950 rock dredge
 Disposal Area survey, Sta. A (position &
 depth for this station taken from: Faughn
 et al., M5 1957 (SIO Library reprint No.
 15462)
- C 646 MV68-I-45 Golfo de Calif. N.E. of Conception
 Is., Jan. 14-15, 1968 3 cham. free vehicle
 trap C. Hubbs & pty R/V Washington
- C 650 SIO69-486 San Diego Trough IKMT $32^{\circ}17.0'$ to
 $37.1'N$ $117^{\circ}29.5'$ to $30.0'W$ Dec. 13, 1969
 Depth ~1250m on mud bottom R/V Melville Cr.
 I.R. Hessler, F. Rokop, S. Luke
- C 652 S.D. Trough 25' otter trawl Dec. 13, 1969
 $32^{\circ}23.5' - 32^{\circ}28.8'N$ $117^{\circ}31.75' - 117^{\circ}31.01'W$
 (1420) 1207-1234m mud bottom R/V Melville
 coll. R. Hessler, F. Rokop, S. Luke
- Paralithodes Rathbuni (Benedict)
 C 941 Shrimp trap set #3 La Jolla Canyon ~90 ft.
 Nov. 12, 1969 coll. Perrin & Green B.C.F.
- Paralithodes californiensis (Benedict)
 C 394 La Jolla Bay from diving saucer ~500 ft.
 depth 1965
- C 393 La Jolla sub-canyon 750 ft. depth Cousteau
 diving saucer Jan. 31, 1964
- C 774 Diving saucer - Fager-Flechsig St. 908
 Either W. of Pt. Loma ~9 mi. or W. of La
 Jolla ~3 mi. 16' otter trawl, 110-366m
 Jan. 21 or 28, 1965
- C 1559 M150T-17 Pt. Sal, Calif. $34^{\circ}54.2'N$
 $120^{\circ}48.9'W$ $34^{\circ}52.2'N$ $120^{\circ}49.1'W$ 132m 25'
 otter trawl April 2, 1974 R/V Agassiz
 coll. T. Matsui, B. Burnett
- C 1704 La Jolla Canyon, La Jolla, Calif. 91m gill
 net June 14, 1975 coll. Tomlinson (local
 fisherman)
- Neolithodes diomedaeae (Benedict)
 C 392 Circe Leg XI, 255 (Mag II-4) sta. no.
 $11^{\circ}30.5'N$ $74^{\circ}09.3'W$ rock dredge 1225m
 1608-1810 Jan. 11, 1969 coll. J. Coats-
 worth
- C 784 Colnett-MWT #18 Nov. 24, 1964 1048-1120
 212m coll. D. Brown. Jerde Banco de San
 Isidro ca. $31^{\circ}07'N$ $116^{\circ}35'W$ R/V Horizon
- C 780 Operation Blind Spot $27^{\circ}22.4'N$ $111^{\circ}20.5'W$
 $27^{\circ}10.1'N$ $111^{\circ}29.6'W$ 1866m 25' otter trawl
 Jan. 14, 1970 R/V Agassiz coll. E. Kampa
- C 795 Rokop 71-II-24 Tanner Basin $32^{\circ}41.0'N$
 $119^{\circ}30.5'W$ $32^{\circ}46.5'N$ $119^{\circ}25.9'W$ 1317-1363m
 25' otter trawl Jan. 20, 1971 R/V Agassiz
 coll. F. Rokop, R. McConaughey
- C 794 Rokop 70-I-12 San Diego Trough $32^{\circ}37.0'N$
 $117^{\circ}32.6'W$ $32^{\circ}33.2'N$ $117^{\circ}33.1'W$ 1171-1217m
 25' otter trawl Oct. 29, 1970 R/V Agassiz
 F. Rokop, R. McConaughey, S. Luke
- C 800 Rokop 71-II-27 Tanner Basin $32^{\circ}52.2'N$
 $119^{\circ}32.5'W$ $32^{\circ}46.4'N$ $119^{\circ}31.0'W$ 1391-1373m
 25' otter trawl Jan. 21, 1971 R/V Agassiz
 coll. F. Rokop
- C 940 Rokop 70-I-9 Tanner Basin $32^{\circ}53.4'N$
 $119^{\circ}33.8'W$ $32^{\circ}49.5'N$ $119^{\circ}31.9'W$ 1398m 25'
 otter trawl Oct. 28, 1970 R/V Agassiz
 F. Rokop, R. McConaughey, S. Luke
- C 1529 M-15 OT-1 San Diego Trough $32^{\circ}31.7'N$
 $117^{\circ}34.1'N$ $32^{\circ}25.7'N$ $117^{\circ}28.4'W$ 1225m 25'
 otter trawl March 27, 1974 R/V Agassiz
 coll. T. Matsui, B. Barnett
- C 971 Rokop 71-35 Tanner Basin $32^{\circ}51.8'N$
 $119^{\circ}33.8'W$ $32^{\circ}47.8'N$ $119^{\circ}31.3'W$ 1391-1372m
 25' otter trawl April 20, 1971 R/V Agassiz
 coll. F. Rokop
- C 992 MV68-I-49 Guaymas Basin, Calif. Gulf
 $27^{\circ}23.0'N$ $111^{\circ}19.5'W$ $27^{\circ}11.5'N$ $111^{\circ}31.7'W$
 1792-1875m 41' Marinovich otter trawl Jan.
 16, 1968 coll. C. Hubbs R/V Washington
- C 1543 ML5 OT-11 Pta. Piedras Blancas, Calif.
 $35^{\circ}24.4'N$ $121^{\circ}42.8'W$ $35^{\circ}30.6'N$ $121^{\circ}52.7'W$
 1189-1170m 25' otter trawl March 31, 1974
 R/V Agassiz coll. Matsui, Burnett
- C 1563 ML5 OT-22 off Del Mar, Calif. $32^{\circ}55.0'N$
 $117^{\circ}32.8'W$ $33^{\circ}01.2'N$ $117^{\circ}40.5'W$ 920m 25'
 otter trawl April 4, 1974 R/V Agassiz coll.
 Matsui, Burnett
- C 1623 Trawl #7 Tanner Basin, Calif. $32^{\circ}50.2'N$
 $119^{\circ}31.7'W$ $32^{\circ}41.9'N$ $119^{\circ}31.0'W$ ca. 1200-
 1300m 16' otter trawl Sept. 5, 1974 R/V
 Oconostota coll. J.F. Siebenaller
- C 966 Rokop 71-41 Tanner Basin $32^{\circ}51.0'N$
 $119^{\circ}32.0'W$ $32^{\circ}47.0'N$ $119^{\circ}28.5'W$ 1391m 25'
 otter trawl July 13, 1971 R/V Agassiz
 coll. F. Rokop
- Glyptolithodes cristatipes Faxon
 C 651 S.W. Corner of Coronado Bank 3-chambered
 trap 183m April 12, 1969 "E.B. Scripps"
 coll. R. McConaughey
- Lithodes panamensis (Faxon)
 C 663 MV68-I-14 Baja Calif. off Cape region
 $23^{\circ}07.5'N$ $109^{\circ}20.5'W$ free vehicle trap 795m
 Jan. 10, 1968 C. Hubbs & party

Gen. Indet.

- C 1612 ARIES VII 54D Milwaukee Seamount Group,
N.W. of Midway $32^{\circ}17.4'N$ $172^{\circ}47.7'E$ 732-
375m dredge haul Aug. 20, 1971 R/V T. Wash-
ington coll. R.V. Mead
- C 1617 Trawl #4 Santa Catalina Basin, Calif.
 $32^{\circ}55.7'N$ $118^{\circ}22.7'W$ $32^{\circ}59.2'N$ $118^{\circ}27.4'W$
1099-1104m 25' otter trawl Sept. 4, 1974
R/V Oconostota coll. J. Siebenaller
- C 1619 Trawl #5 San Clemente Basin, Calif. $33^{\circ}03.0'W$
 $118^{\circ}14.6'W$ $33^{\circ}06.2'N$ $108^{\circ}19.7'W$ 1112-1115m
16' otter trawl Sept. 4, 1974 R/V Oconostota
coll. J.F. Siebenaller
- C 1675 A-15 Afterthot II East Cortez Bank $32^{\circ}32.0'N$
 $118^{\circ}53.1'W$ $32^{\circ}32.7'N$ $118^{\circ}53.6'W$ 1298m 25'
otter trawl May 6, 1975 R/V Agassiz coll.
J. Siebenaller

Superfamily GALATHEIDEA

Family Galatheidae

Munidopsis verrilli Benedict

- C 1025 Rokop 71-51 San Diego Trough $32^{\circ}27.0'N$
 $117^{\circ}29.0'W$ $32^{\circ}21.3'N$ $117^{\circ}27.1'W$ 1238-1257m
25' otter trawl Oct. 23, 1971 coll. F. Rokop,
S. Luke
- C 1827 Allozyme A-28 Catalina Basin $32^{\circ}56'N$ $118^{\circ}24'W$
25' otter trawl 1143m Aug. 6, 1975 R/V
Agassiz coll. Siebenaller
- C 637 SIO69-486 San Diego Trough $32^{\circ}17.0'$ to $37.1'N$
 $117^{\circ}29.5'$ to $30.0'W$ Dec. 13, 1969 Depth
~1250m IKMT or mud bottom R/V Melville Cr. 1
R. Hessler, F. Rokop, S. Luke
- C 636 San Diego Trough 25' otter trawl, Dec. 13,
1969 $32^{\circ}23.5'$ - $32^{\circ}28.8'N$ $117^{\circ}31.75'$ - $117^{\circ}31.01'W$
(1420) 1207-1234m mud bottom, 3600 MWO R/V
Melville coll. R. Hessler, F. Rokop, S. Luke
- C 669 Santa Cruz Basin 1741-1924m 5 ft. Isaacs-Kidd
scoop dredge April 2, 1952
- C 686 SIO63-17 San Diego Trough $32^{\circ}25.2'$ - $32^{\circ}23.9'N$
 $117^{\circ}27.6'$ - $117^{\circ}34.2'W$ 732-1280m 10' IKMT Feb.
8, 1963 coll. R.L. Wisner
- C 683 Baja Slope Exped. April 28, 29, 1961 $30^{\circ}52'N$
 $30^{\circ}42'N$ $116^{\circ}53'W$ $116^{\circ}51'W$ 1986-2008m 30'
otter trawl muddy green bottom (see #C 682)
- C 708 P-145 HR-3 Santa Cruz Basin $33^{\circ}40.5'N$
 $119^{\circ}29.3'W$ May 11, 1960 1920-1939m 16' otter
trawl coll. Parker
- C 704 Baja Slope Exped. B-S-14 $27^{\circ}10'N$ $115^{\circ}20'N$
Cedros Trough 4133-4169m 10' beam trawl May
6-7, 1961 coll. C. Hubbs & pty
- C 703 H52-41 Santa Cruz Basin S. of Santa Cruz Is.
 $33^{\circ}48.0'N$ $33^{\circ}43.0'N$ $119^{\circ}40.0'$ $119^{\circ}33.0'W$
1741-1924m 5' Isaacs Kidd April 2, 1952 R/V
Horizon coll. C.L. Hubbs & pty
- C 763 P-145-60 16' otter trawl $33^{\circ}40.5'N$ $119^{\circ}29.3'W$
1880-1936m March 11, 1960 coll. R. Parker
- C 769 SIO65-445 Basin N.W. of Sixty mile Bank
 $32^{\circ}10.0'N$ $118^{\circ}29.9'W$ - $32^{\circ}19.9'N$ $118^{\circ}35.3'W$
1615-1664m 10' IKMT Sept. 24, 1965 coll.
C. Hubbs, R. Wisner, W. Newman
- C 792 Rokop 70-I-12 San Diego Trough $32^{\circ}37.0'N$
 $117^{\circ}32.6'W$ $32^{\circ}33.2'N$ $117^{\circ}33.1'W$ 1171-1217m
25' otter trawl Oct. 29, 1970 R/V Agassiz
F. Rokop, R. McConaughey, S. Luke
- C 803 Rokop 71-II-20 San Diego Trough $32^{\circ}24.7'N$
 $117^{\circ}27.7'W$ $32^{\circ}29.2'N$ $117^{\circ}30.2'W$ 1226-1204m
25' otter trawl Jan. 18-19, 1971 R/V Agassiz
coll. F. Rokop
- C 938 MV71-I-62 San Diego Trough $32^{\circ}21.8'N$
 $117^{\circ}24.0'W$ $32^{\circ}30.7'N$ $117^{\circ}32.8'W$ 1235m 25'
otter trawl June 1-2, 1971 R/V Agassiz
coll. C. Hubbs, S. Luke

- C 964 Rokop 71-41 Tanner Basin $32^{\circ}51.0'N$
 $119^{\circ}32.0'W$ $32^{\circ}47.0'N$ $119^{\circ}28.5'W$ 1391m 25'
otter trawl July 13, 1971 R/V Agassiz coll.
F. Rokop
- C 970 Rokop 71-38 San Diego Trough $32^{\circ}36.3'N$
 $117^{\circ}32.4'W$ $32^{\circ}32.1'N$ $117^{\circ}27.7'W$ 1208m 25'
otter trawl April 21, 1971 R/V Agassiz
coll. F. Rokop
- C 984 M-4 Sta. 1 (SIO71-90) San Diego Trough
 $32^{\circ}25.3'N$ $117^{\circ}28.9'W$ $32^{\circ}35.1'N$ $117^{\circ}33.7'W$
1417m 25' otter trawl June 22, 1971 R/V
Agassiz coll. R. McConaughey
- C 982 HR-3 P-145 Santa Cruz Basin $33^{\circ}40.5'N$
 $119^{\circ}29.3'W$ 1880-1936m 16' otter trawl
coll. R. Parker May 11, 1960
- C 976 Rokop 71-45 San Diego Trough $32^{\circ}25.0'N$
 $117^{\circ}26.8'W$ $32^{\circ}26.0'N$ $117^{\circ}28.1'W$ 1208-1244m
25' otter trawl July 14, 1971 R/V Agassiz
coll. F. Rokop
- C 1004 M-7 Sta. 1 San Diego Trough $32^{\circ}26'N$
 $117^{\circ}28.8'W$ $32^{\circ}30.7'N$ $117^{\circ}31.9'W$ 1225-1244m
40' otter trawl Sept. 14, 1971 R/V Agassiz
coll. Matsui
- C 998 M-6, Sta. 1 San Diego Trough $32^{\circ}27.3'N$
 $117^{\circ}30.7'W$ $32^{\circ}21.5'N$ $117^{\circ}27.0'W$ 1244m 25'
otter trawl Aug. 11, 1971 R/V Agassiz
coll. Matsui
- C 1009 M-7, Sta. 3 San Clemente Basin $32^{\circ}33.7'N$
 $118^{\circ}10.1'W$ $32^{\circ}26.5'N$ $118^{\circ}05.8'W$ 1792-1866m
40' otter trawl Sept. 16, 1971 R/V Agassiz
coll. Matsui
- C 1528 M-15 OT-1 San Diego Trough $32^{\circ}31.7'N$
 $117^{\circ}34.1'N$ $32^{\circ}25.7'N$ $117^{\circ}28.4'W$ 1225m 25'
otter trawl March 27, 1974 R/V Agassiz
Coll. T. Matsui, B. Barnett
- C 1567 SIO73-321 San Clemente Basin $32^{\circ}26.0'N$
 $117^{\circ}49.2'W$ $32^{\circ}27.8'N$ $117^{\circ}57.7'W$ 1750m 25'
otter trawl July 27, 1973 R/V Agassiz
coll. R. Rosenblatt
- C 1652 Sta. 15, Catalina Basin, Calif. $32^{\circ}58.4'N$
 $118^{\circ}26.8'W$ $32^{\circ}55.4'N$ $118^{\circ}22.3'W$ 1121-1137m
16' otter trawl Dec. 10, 1972 R/V Agassiz
coll. P. Jumars
- Munidopsis quadrata Faxon
- C 1653 Sta. 15 Cata Lina Basin, Calif. $32^{\circ}58.4'N$
 $118^{\circ}26.8'W$ $32^{\circ}55.4'N$ $118^{\circ}22.3'W$ 1121-1137m
16' otter trawl Dec. 10, 1972 R/V Agassiz
coll. P. Jumars
- C 1828 Allozyme A-28 Catalina Basin $32^{\circ}56'N$
 $118^{\circ}24'N$ 25' otter trawl 1143m Aug. 6,
1975 R/V Agassiz coll. Siebenaller
- C 2380 H53-21 off E. side of San Clemente Is.,
Calif. $32^{\circ}58.3'N$ $118^{\circ}21.5'W$ ca. 466m Isaacs
Kidd diving dredge April 28, 1953 L. Kidd
- C 692 R/V Oconostota San Diego Trough $32^{\circ}35'$ to
 $32^{\circ}40'N$ $117^{\circ}28'$ to $117^{\circ}32'W$ 1097-1177m 4'
pipe stem dredge Nov. 7, 1969 coll. F.
Rokop, S. Luke
- C 1027 SIO71-202 San Diego Trough $32^{\circ}35.0'N$
 $118^{\circ}08.9'W$ $32^{\circ}32.0'N$ $118^{\circ}05.0'W$ 1829m
40' otter trawl Nov. 3, 1971 coll. T.
Matsui M8-5
- C 1048 MV72-II-26 off Arica Chile $18^{\circ}44.7'S$
 $70^{\circ}40.7'W$ $18^{\circ}40.2'S$ $70^{\circ}35.1'W$ 1097-1152m
25' otter trawl May 7, 1972 R/V T. Wash-
ington coll. R. Wisner, S. Luke
- C 638 SIO69-486 San Diego Trough $32^{\circ}17'o$ to $37.1'N$
 $117^{\circ}29.5'$ to $30.0'W$ Dec. 13, 1969 Depth
~1250m IKMT on mud bottom R/V Melville Cr. 1
coll. R. Hessler, F. Rokop, S. Luke
- C 634 San Diego Trough, 25' otter trawl, Dec. 13,
1969 $32^{\circ}23.5'$ $32^{\circ}28.8'N$ $117^{\circ}31.75'$ $117^{\circ}31.01'W$
(1420) 1207-1234m, mud bottom, 3600 M.W.O.
R/V Melville coll. R. Hessler, F. Rokop,
S. Luke

C 687	SIO63-17 San Diego Trough $32^{\circ}25.2' - 32^{\circ}23.9'N$ $117^{\circ}27.6' - 117^{\circ}34.2'W$ 732-1280m 10' IKMT Feb. 8, 1963 coll. R.L. Wisner	C 1002	M-6, Sta. 2 San Diego Trough $32^{\circ}56.0'N$ $117^{\circ}30.0'W$ $32^{\circ}51.2'N$ $117^{\circ}31.4'W$ 732-880m 25' otter trawl Aug. 13, 1971 R/V Agassiz coll. Matsui
C 707	P-145 HR-3 Santa Cruz Basin $33^{\circ}40.5'N$ $119^{\circ}29.3'W$ May 11, 1960 2469-2487m 16' otter trawl coll. Parker	C 1038	MV72-II-27 off Arica, Chile $18^{\circ}40.5'S$ $70^{\circ}36.0'W$ $18^{\circ}32.2'S$ $70^{\circ}29.8'W$ 768-968m 25' otter trawl May 7, 1972 R/V T. Washington coll. R. Wisner, S. Luke
C 762	P-145 16' otter trawl $33^{\circ}40.5'N$ $119^{\circ}29.3'W$ 1880-1936m March 11, 1960 coll. R. Parker	C 1531	M-15 OT-2 off Encinitas, Calif. $33^{\circ}01.4'N$ $117^{\circ}18.7'W$ - $33^{\circ}02.2'W$ 1170-19.2'W 51m 25' otter trawl March 29, 1974 R/V Agassiz coll. Matsui, Burnett
C 756	Rokop 70-I-9 Tanner Basin $32^{\circ}53.4'N$ $119^{\circ}33.8'W$ $32^{\circ}49.5'N$ $119^{\circ}31.9'W$ 1397m 25' otter trawl Oct. 28, 1970 R/V Agassiz F. Rokop, R. McConaughey, S. Luke	C 1608	Sta. 16 Santa Catalina Basin $32^{\circ}56.6'N$ $118^{\circ}16.7'W$ - $33^{\circ}03'N$ $118^{\circ}17.2'W$ 1097m IKMT- Hit Bottom Dec. 10, 1972 R/V Agassiz coll. R. Hessler
C 755	Rokop 70-I-3 San Diego Trough $32^{\circ}26.1'N$ $117^{\circ}30.7'W$ - $32^{\circ}22.5'N$ $117^{\circ}28.8'W$ 1244-1259m 25' otter trawl Oct. 26, 1970 R/V Agassiz coll. F. Rokop, R. McConaughey, S. Luke	C 1616	Trawl #4 Santa Catalina Basin, Calif. $32^{\circ}55.7'N$ $118^{\circ}22.7'W$ - $32^{\circ}59.2'N$ $118^{\circ}27.4'W$ 1099-1104m 25' otter trawl Sept. 4, 1974 R/V Oconostota coll. J. Siebenaller
C 791	Rokop 70-I-12 San Diego Trough $32^{\circ}37.0'N$ $117^{\circ}32.7'W$ - $32^{\circ}33.2'N$ $117^{\circ}33.1'W$ 1170-1216m 25' otter trawl Oct. 29, 1970 R/V Agassiz F. Rokop, R. McConaughey, S. Luke	C 1618	Trawl #5 Santa Catalina Basin, Calif. $33^{\circ}03.0'N$ $118^{\circ}14.6'W$ $33^{\circ}06.2'N$ $118^{\circ}19.7'W$ 1112-1115m 16' otter trawl Sept. 4, 1974 R/V Oconostota coll. J.F. Siebenaller
C 789	Cruise M-1 Sta. #2 San Diego Trough $32^{\circ}53.8'N$ $117^{\circ}29.9'W$ $32^{\circ}58.9'N$ $117^{\circ}33.8'W$ 768m 25' otter trawl Feb. 3, 1971 R/V Agassiz coll. Matsui	C 1622	Trawl #7 Tanner Basin, Calif. $32^{\circ}50.2'N$ $119^{\circ}31.7'W$ $32^{\circ}41.9'N$ $119^{\circ}31.0'W$ ca. 1200- 1300m 16' otter trawl Sept. 5, 1974 R/V Oconostota coll. J.F. Siebenaller
C 796	Rokop 71-II-24 Tanner Basin $32^{\circ}41.0'N$ $119^{\circ}30.5'W$ $32^{\circ}46.5'N$ $119^{\circ}25.9'W$ 1317-1363m 25' otter trawl Jan. 20, 1971 R/V Agassiz coll. F. Rokop, R. McConaughey	C 1620	Trawl #6 Tanner Basin, Calif. $32^{\circ}43.3'N$ $119^{\circ}28.9'W$ $32^{\circ}50.2'N$ $119^{\circ}31.7'W$ 1362m 16' otter trawl Sept. 5, 1974 R/V Oconostota coll. J.F. Siebenaller
C 799	Rokop 71-II-27 Tanner Basin $32^{\circ}52.2'N$ $119^{\circ}32.5'W$ $32^{\circ}46.4'N$ $119^{\circ}31.0'W$ 1391-1373m 25' otter trawl Jan. 21, 1971 R/V Agassiz coll. F. Rokop, R. McConaughey	C 1625	Trawl #8, San Clemente Basin, Calif. $32^{\circ}28.0'N$ $117^{\circ}46.7'W$ $32^{\circ}27.6'N$ $117^{\circ}54.5'W$ 1527-1545m 16' otter trawl Sept. 5, 1974 R/V Oconostota coll. J.F. Siebenaller
C 804	Rokop 71-II-20 San Diego Trough $32^{\circ}24.7'N$ $117^{\circ}27.75'W$ $32^{\circ}29.2'N$ $117^{\circ}30.2'W$ 1226-1204m 25' otter trawl Jan. 18-19, 1971 R/V Agassiz coll. F. Rokop	C 1629	Trawl #10 off La Jolla, Calif. $32^{\circ}55.5'N$ $117^{\circ}37.4'W$ $32^{\circ}51.0'N$ $117^{\circ}36.0'W$ 896m 16' otter trawl Sept. 6, 1974 R/V Oconostota coll. F.F. Siebenaller
C 805	Rokop 71-II-28 San Diego Trough $32^{\circ}37.0'N$ $117^{\circ}33.2'W$ $32^{\circ}34.3'N$ $117^{\circ}33.8'W$ 1184-1217m 25' otter trawl Jan. 21, 1971 R/V Agassiz coll. F. Rokop	C 1693	A-27 Afterthot II off Encinitas, Calif. $32^{\circ}59.6'N$ $117^{\circ}34.1'W$ $33^{\circ}00.3'N$ $117^{\circ}34.5'W$ 750m 25' otter trawl May 9, 1975 R/V Agassiz coll. J. Siebenaller
C 939	MV71-I-62 San Diego Trough $32^{\circ}21.8'N$ $117^{\circ}24.0'W$ - $32^{\circ}30.7'N$ $117^{\circ}32.8'W$ 1235m 25' otter trawl June 1-2, 1971 R/V Agassiz coll. C. Hubbs, S. Luke	C 1690	A-24 Afterthot II San Diego Trough $32^{\circ}52.1'N$ $117^{\circ}42.1'W$ - $32^{\circ}52.3'N$ $117^{\circ}41.9'W$ 1057m 25' otter trawl May 8, 1975 R/V Agassiz coll. J. Siebenaller
C 942	SI071-90 San Diego Trough $32^{\circ}25.3'N$ $117^{\circ}28.9'W$ $32^{\circ}35.1'N$ $117^{\circ}33.7'W$ 1234m 25' otter trawl June 22, 1971 R/V Agassiz coll. R. McConaughey	C 1687	A-20 Afterthot II San Nicholas Basin $32^{\circ}02.9'N$ $119^{\circ}02.9'W$ $32^{\circ}02.2'N$ $119^{\circ}02.6'W$ 1746m 25' otter trawl May 7, 1975 R/V Agassiz coll. J. Siebenaller
C 963	Rokop 71-41 Tanner Basin $32^{\circ}51.0'N$ $119^{\circ}32.0'W$ $32^{\circ}47.0'N$ $119^{\circ}28.5'W$ 1391m 25' otter trawl July 13, 1971 R/V Agassiz coll. F. Rokop	C 1674	A-15 Afterthot II East Cortez Bank $32^{\circ}32.0'N$ $118^{\circ}53.1'W$ $32^{\circ}32.7'N$ $118^{\circ}53.6'W$ 1298m 25' otter trawl May 6, 1975 R/V Agassiz coll. J. Siebenaller
C 972	Rokop 71-35 Tanner Basin $32^{\circ}51.8'N$ $119^{\circ}33.8'W$ $32^{\circ}47.8'N$ $119^{\circ}31.3'W$ 1391-1372m 25' otter trawl April 20, 1971 R/V Agassiz coll. F. Rokop	Munidopsis <i>aspera</i> (Henderson)	
C 981	HR-3 P-145 Santa Cruz Basin $33^{\circ}40.5'N$ $119^{\circ}29.3'W$ 1880-1936m 16' otter trawl coll. R. Parker May 11, 1960	C 757	Rokop 70-I-9 Tanner Basin $32^{\circ}53.4'N$ $119^{\circ}33.8'W$ $32^{\circ}49.5'N$ $119^{\circ}31.9'W$ 1398m 25' otter trawl Oct. 28, 1970 R/V Agassiz F. Rokop, R. McConaughey, S. Luke
C 975	Rokop 71-45 San Diego Trough $32^{\circ}25.0'N$ $117^{\circ}26.8'W$ $32^{\circ}26.0'N$ $117^{\circ}28.1'W$ 1208-1244m 25' otter trawl July 14, 1971 R/V Agassiz coll. F. Rokop	C 786	Cruise M-1 Sta. #2 San Diego Trough $32^{\circ}53.8'N$ $117^{\circ}29.9'W$ - $32^{\circ}58.9'N$ $117^{\circ}33.8'W$ 741-768m 25' otter trawl Feb. 3, 1971 coll. Matsui
C 974	Rokop 71-39 San Diego Trough $32^{\circ}37.0'N$ $117^{\circ}32.6'W$ $32^{\circ}36.3'N$ $117^{\circ}32.5'W$ 1162-1199m 25' otter trawl July 12, 1971 R/V Agassiz coll. F. Rokop	C 797	Rokop 71-II-24 Tanner Basin $32^{\circ}41.0'N$ $119^{\circ}30.5'W$ $32^{\circ}46.5'N$ $119^{\circ}25.9'W$ 1317-1363m 25' otter trawl Jan. 20, 1971 R/V Agassiz coll. F. Rokop, R. McConaughey
C 973	Rokop 71-37 San Diego Trough $32^{\circ}28.9'N$ $117^{\circ}29.7'W$ $32^{\circ}24.3'N$ $117^{\circ}24.6'W$ 1195-1098m 25' otter trawl April 21, 1971 R/V Agassiz coll. F. Rokop	C 965	Rokop 71-41 Tanner Basin $32^{\circ}51.0'N$ $119^{\circ}32.0'W$ $32^{\circ}47.0'N$ $119^{\circ}28.5'W$ 1391m 25' otter trawl July 13, 1971 R/V Agassiz coll. F. Rokop
C 1005	M-7, Sta. 1 San Diego Trough $32^{\circ}25.8'N$ $117^{\circ}28.8'W$ $32^{\circ}30.7'N$ $117^{\circ}31.9'W$ 1225-1244m 40' otter trawl Sept. 14, 1971 R/V Agassiz coll. Matsui		

- C 985 M-4 Sta. 1 (SI071-90) San Diego Trough
 $32^{\circ}25.3'N$ $117^{\circ}28.9'W$ $32^{\circ}35.1'N$ $117^{\circ}33.7'W$
1234m 25' otter trawl June 22, 1971 R/V
Agassiz coll. R. McConnaughey
- C 1001 M-6, Sta. 2 San Diego Trough $32^{\circ}56.0'N$
 $117^{\circ}30.0'W$ $32^{\circ}51.2'N$ $117^{\circ}31.4'W$ 732-860m
25' otter trawl Aug. 13, 1971 R/V Agassiz
coll. Matsui
- C 1039 MV72-II-27 off Arica, Chile $18^{\circ}40.5'S$
 $70^{\circ}36.0'W$ $18^{\circ}32.2'S$ $70^{\circ}29.8'W$ 768-968m 25'
otter trawl May 7, 1972 R/V T. Washington
coll. R. Wisner, S. Luke
- C 1541 M15 OT-11 Pta. Piedras Blancas, Calif.
 $35^{\circ}24.4'N$ $121^{\circ}42.8'W$ - $35^{\circ}30.6'N$ $121^{\circ}52.7'W$
1189-1170m 25' otter trawl March 31, 1974
R/V Agassiz coll. Matsui, Burnett
- C 1562 M15 OT-22 off Del Mar, Calif. $32^{\circ}55.0'N$
 $117^{\circ}32.8'W$ - $33^{\circ}01.2'N$ $117^{\circ}40.3'W$ 920m 25'
otter trawl April 4, 1974 R/V Agassiz coll.
Matsui, Burnett
- C 1609 Sta. 16, Santa Catalina Basin $32^{\circ}56.6'N$
 $118^{\circ}16.7'W$ $33^{\circ}03'N$ $118^{\circ}17.2'W$ 1097m IKMT-
Hit Bottom Dec. 10, 1972 R/V Agassiz coll.
R. Hessler
- C 1621 Trawl #7 Tanner Basin, Calif. $32^{\circ}50.2'N$
 $119^{\circ}31.7'W$ $32^{\circ}41.9'N$ $119^{\circ}31.0'W$ ca. 1200-
1300m 16' otter trawl Sept. 5, 1974 R/V
Oconostota coll. J.F. Siebenaller
- C 1694 A-27 Afterthot II off Encinitas, Calif.
 $32^{\circ}59.6'N$ $117^{\circ}34.1'W$ $33^{\circ}00.3'N$ $117^{\circ}34.5'W$
750m 25' otter trawl May 9, 1975 R/V
Agassiz coll. J. Siebenaller
- C 1650 CalCofi 74126/II off Pta. Piedras Blancas
 $35^{\circ}43.3'N$ $121^{\circ}44.1'W$ - $35^{\circ}35.8'N$ $121^{\circ}44.8'W$
914m 25' otter trawl #5 Dec. 10, 1974 R/V
Agassiz coll. T. Matsui
- C 2278 SI076-95 N. of Catalina Is., Calif.
 $33^{\circ}33.5'N$ $118^{\circ}39'W$ Mar. 9, 1976 585-534m
40' otter trawl R/V Agassiz coll. S. Luke
- C 2281 SI076-96 N. of Catalina Is., Calif.
 $33^{\circ}33.5'N$ $118^{\circ}38'W$ Mar. 9, 1976 556-585m
40' otter trawl R/V agassiz coll. S. Luke
- Munidopsis antonii (A. Milne Edwards)
- C 688 SI065-222 Basin off Bahia Magdalena
 $24^{\circ}37.5'W$ - $24^{\circ}21.3'N$ $113^{\circ}29.0'W$ - $113^{\circ}125'W$
3427-3621m 45' otter trawl June 25, 1965
coll. C. Hubbs, Stover, Wisner
- C 684 SI065-221 Basin off Bahia Magdalena
 $24^{\circ}24.3'W$ - $24^{\circ}39.4'N$ $113^{\circ}16.0'W$ - $113^{\circ}31.1'W$
3563-3621m 6' Sigsbee beam trawl June 24,
1965 coll. C. Hubbs, Stover, Wisner
- C 1035 MV72-II-32 off St. San Juan, Peru $15^{\circ}39.2'S$
 $76^{\circ}13.6'W$ $15^{\circ}52.8'S$ $76^{\circ}04.2'W$ 3475m 25'
otter trawl May 10, 1972 R/V T. Washington
coll. R. Wisner, S. Luke
- C 664 SI070-22 Baja Calif. Abyssal plain $31^{\circ}19.7'N$
 $119^{\circ}39.2'W$ - $31^{\circ}08.2'N$ 35.5'W 3599-3676m 25'
otter trawl Dec. 18, 1969 R/V Melville coll.
C. Hubbs, R. Wisner, S. Luke
- Munidopsis villosa Faxon
- C 1040 MV2-II-27 off Arica, Chile $18^{\circ}40.5'S$
 $70^{\circ}36.0'W$ $18^{\circ}32.2'S$ $70^{\circ}29.8'W$ 768-968m 25'
otter trawl May 7, 1972 R/V T. Washington
coll. R. Wisner, S. Luke
- Munidopsis depressa (Faxon)
- C 706 SI068-83 S. of Isle San Pedro, B.C. $27^{\circ}40.0'W$
 $27^{\circ}38.1'N$ $111^{\circ}22.6'W$ - $111^{\circ}20.1'W$ 931-952m 40'
balloon trawl Jan. 16, 1968 R/V Washington
coll. C. Hubbs, R. Wisner
- Munidopsis bairdii Smith
- C 712 Vermilion Sea Exped. Trawl #1 $23^{\circ}58.4'N$
 $108^{\circ}59.5'W$ March 8, 1959 10' IKMT 3292-1920m
SI059-361 coll. R.L. Wisner
- 682 Baja Slope Exped. April 28, 29, 1961
 $30^{\circ}52'N$ - $30^{\circ}42'W$ $116^{\circ}53'W$ - $116^{\circ}51'W$ 1986-2008m
30' otter trawl muddy green bottom (see #C
683) P-274-61
- Munidopsis hamata Faxon
- C 764 SI064-14 (Mag. Bay A-20) Jan. 31, 1964
 $24^{\circ}59'N$ $113^{\circ}14'W$ 6' beam trawl 1147-1229m
Jan. 31, 1964 coll. Hubbs, Wisner
- Munidopsis hystrix Faxon
- C 1026 SI071-202 San Diego Trough $32^{\circ}35.0'N$
 $118^{\circ}08.9'W$ $32^{\circ}32.0'N$ $118^{\circ}05.0'W$ 1829m 40'
otter trawl Nov. 3, 1971 coll. T. Matsui
- C 766 SI064-14 (Mag. Bay A-20) Jan. 31, 1964
 $24^{\circ}59.0'N$ $113^{\circ}00.5'W$ - $24^{\circ}49.3'N$ $113^{\circ}14.2'W$
1229-1147m 6' Sigsbee beam trawl coll.
C. Hubbs, R. Wisner
- C 758 SI063-17 San Diego Trough $32^{\circ}25.2'N$
 $117^{\circ}27.6'W$ - $32^{\circ}23.9'N$ $117^{\circ}34.2'W$ 732-1280m
10' IKMT Feb. 8, 1963 coll. R.L. Wisner
- C 785 Cruise M-1 Sta #2 Feb. 3, 1971 $32^{\circ}53.8'N$
 $117^{\circ}29.9'W$ - $32^{\circ}58.9'N$ $117^{\circ}33.8'W$ 741-769m
25' otter trawl San Diego Trough coll. Matsui
- C 1000 M-6, Sta. 2 San Diego Trough $32^{\circ}56.0'N$
 $117^{\circ}30.0'W$ $32^{\circ}51.2'N$ $117^{\circ}31.4'W$ 732-860m
25' otter trawl Aug. 13, 1971 R/V Agassiz
coll. Matsui
- C 1692 A-27 Afterthot II off Encinitas, Calif.
 $32^{\circ}59.6'N$ $117^{\circ}34.1'W$ $33^{\circ}00.3'N$ $117^{\circ}34.5'W$
750m 25' otter trawl May 9, 1975 R/V Agassiz
coll. J. Siebenaller
- Munidopsis scabra Faxon
- C 702 SI063-17 San Diego Trough $32^{\circ}25.2'W$ - $32^{\circ}23.9'N$
 $117^{\circ}27.6'W$ - $117^{\circ}34.2'W$ 732-1280m 10' IKMT
Feb. 8, 1963 coll. R.L. Wisner
- Munidopsis rostrata A. Milne Edw.
- C 705 Baja Slope Exped. P274-61 $30^{\circ}52'W$ - $30^{\circ}42.3'N$
 $116^{\circ}53'W$ - $116^{\circ}50.7'W$ 1986-2008m 30' otter
trawl April 28, 29, 1961 coll. Parker Boyd
- Mundopsis sericea Faxon
- C 765 SI064-14 (Mag. Bay A-20) Jan. 31, 1964
 $24^{\circ}59.0'N$ $113^{\circ}00.5'W$ - $24^{\circ}49.3'N$ $113^{\circ}14.2'W$
1229-1147m 6' Sigsbee beam trawl coll.
C. Hubbs, R. Wisner
- Munidopsis diomedaeae (Faxon)
- C 2907 MV72-II-26 off Arica, Chile $18^{\circ}42'S$ $70^{\circ}37'W$
May 7, 1972 1097-1152m 25' otter trawl R/V
T. Washington S. Luke
- C 1212 MV73-I-81 S. of Punta Guiones, Costa Rica
 $09^{\circ}32.5'N$ $85^{\circ}43.0'W$ $09^{\circ}36.7'N$ $85^{\circ}40.5'W$
1157-1154m 10' IKMT April 20, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1673 A-15 Afterthot II East Cortez Bank $32^{\circ}32.0'N$
 $118^{\circ}53.1'W$ $32^{\circ}32.7'N$ $118^{\circ}53.6'W$ 1298m 25'
otter trawl May 6, 1975 R/V Agassiz coll.
J. Siebenaller
- C 1679 A-19 Afterthot II West Cortez Basin
 $32^{\circ}27.7'N$ $119^{\circ}33.8'W$ $32^{\circ}27.9'N$ $119^{\circ}34.1'W$
1445m 25' otter trawl May 7, 1975 R/V
Agassiz coll. J. Siebenaller
- C 1682 A-17 Afterthot II West Cortez Basin
 $32^{\circ}25.3'N$ $119^{\circ}30.4'W$ $32^{\circ}24.8'N$ $119^{\circ}29.9'W$
1362m 25' otter trawl May 7, 1975 R/V
Agassiz coll. J.F. Siebenaller
- C 1686 A-20 Afterthot II San Nicholas Basin
 $32^{\circ}02.9'N$ $119^{\circ}02.9'W$ - $32^{\circ}02.2'N$ $119^{\circ}02.6'W$
1746m 25' otter trawl May 7, 1975 R/V
Agassiz coll. J. Siebenaller
- C 1051 MV72-II-27 off Arica- Chile $18^{\circ}40.5'S$
 $70^{\circ}36.0'W$ $18^{\circ}32.2'S$ $70^{\circ}29.8'W$ 768-968m 25'
otter trawl May 7, 1972 R/V T. Washington
coll. R. Wisner, S. Luke

C 1010	M-7, Sta. 3 San Clemente Basin $32^{\circ}33.7'N$ $118^{\circ}10.1'W$ $32^{\circ}26.5'N$ $118^{\circ}05.8'W$ 1792-1866m 40' otter trawl Sept. 16, 1971 R/V Agassiz coll. Matsui	C 714	MV70-III-3 Baja Calif. Abyssal plain $31^{\circ}24.0'N$ $31^{\circ}38.8'N$ $120^{\circ}14.5'W$ - $120^{\circ}10.3'W$ 3880m 25' otter trawl March 21, 1970 R/V Melville coll. R. Wisner, F. Rokop, S. Luke
C 1006	M-7 Sta. 1 San Diego Trough $32^{\circ}25.8'N$ $117^{\circ}28.8'W$ $32^{\circ}30.7'N$ $117^{\circ}31.9'W$ 1225-1244m 40' otter trawl Sept. 14, 1971 R/V Agassiz coll. Matsui	C 668	MV70-III-8 Baja Calif. abyssal plain $31^{\circ}47.5'N$ $32.0'W$ $120^{\circ}19.0'W$ - $18.0'W$ 3916m 25' otter trawl March 23, 1970 R/V Melville coll. R. Wisner, F. Rokop, S. Luke
C 978	MV65-I-4 North of tip of Cedros Is. $28^{\circ}55.3'N$ $115^{\circ}47.9'W$ $28^{\circ}46.3'N$ $115^{\circ}41.2'W$ 1536-1511m 6' Sigsbee trawl June 10, 1965 R/V Horizon coll. C. Hubbs, R. Wisner	C 666	SI070-22 Baja Calif. abyssal plain $31^{\circ}29.7'N$ $119^{\circ}39.2'W$ - $31^{\circ}08.2'N$ $35.5'W$ 3600- 3676m 25' otter trawl Dec. 18, 1969 R/V Melville coll. C. Hubbs, R. Wisner, S. Luke
C 979	Op. Blind Spot, Gulf of Calif. $27^{\circ}22.5'N$ $111^{\circ}20.9'W$ $27^{\circ}14.0'N$ $111^{\circ}24.5'W$ 2729-1875m 25' otter trawl June 14, 1970 R/V Agassiz coll. E. Kampa	C 698	MV65-I-57 S.W. of Cabo San Lucas $22^{\circ}30.8'N$ $22^{\circ}37.2'N$ $110^{\circ}03.8'W$ - $110^{\circ}15.5'W$ 2505-2889m 6' Sigsbee beam trawl June 29-30, 1965 coll. C. Hubbs
C 980	Op. Blind Spot, Gulf of Calif. $27^{\circ}11.5'N$ $111^{\circ}31.8'W$ $27^{\circ}19.5'N$ $111^{\circ}22.5'W$ 1719-2067m 25' otter trawl June 15, 1970 R/V Agassiz coll. E. Kampa	C 790	Cruise M-1 Sta. #2 San Diego Trough $32^{\circ}53.8'N$ $117^{\circ}29.9'W$ $32^{\circ}58.9'N$ $117^{\circ}33.8'W$ 768m 25' otter trawl Feb. 3, 1971 R/V Agassiz coll. Matsui
C 983	M-4 Sta. 1 (SI071-90) San Diego Trough $32^{\circ}25.3'N$ $117^{\circ}28.9'W$ $32^{\circ}35.1'N$ $117^{\circ}33.7'W$ 1234m 25' otter trawl June 22, 1971 R/V Agassiz coll. R. McConaughey	C 1041	MV72-II-27 off Arica, Chile $18^{\circ}40.5'S$ $70^{\circ}36.0'W$ $18^{\circ}32.2'S$ $70^{\circ}29.8'W$ 768-968m 25' otter trawl May 7, 1972 R/V T. Washington coll. R. Wisner, S. Luke
C 987	MV66-III-21 (SI066-547) W.S.W. of Cortez Bank $32^{\circ}05'N$ $120^{\circ}29'W$ $32^{\circ}03'N$ $120^{\circ}30'W$ 3775-3790m 40' otter trawl Dec. 11, 1966 coll. C. Hubbs	C 1049	MV72-II-26 off Arica, Chile $18^{\circ}44.7'S$ $70^{\circ}40.7'W$ $18^{\circ}40.2'S$ $70^{\circ}35.1'W$ 1097-1152m 25' otter trawl May 7, 1972 R/V T. Washington coll. R. Wisner, S. Luke
C 1627	Trawl #9 San Clemente Basin, Calif. $32^{\circ}26.0'N$ $117^{\circ}54.0'W$ $32^{\circ}25.5'N$ $117^{\circ}49.8'W$ 1596-1600m 16' otter trawl Sept. 5, 1974 R/V Oconostota coll. J. Siebenaller	Munida quadrispina Benedict	
C 697	MV66-I-6 off W. Coast of Baja Calif. $31^{\circ}07.4'N$ - $31^{\circ}03.1'N$ $117^{\circ}57.0'W$ - $118^{\circ}02.0'W$ 1463-1719m otter trawl, March 31, 1966 coll. C. Hubbs, R. Wisner, Stover	C 1546	M15-OT-13 Pta. Piedras Blancas, Calif. $35^{\circ}32.1'N$ $121^{\circ}24.5'W$ $35^{\circ}37.9'N$ $121^{\circ}29.7'W$ 567-603m 25' otter trawl April 1, 1974 R/V Agassiz coll. T. Matsui, B. Burnett
C 700	MV66-III-7 off Pta. Mezquite, B.C. $32^{\circ}07.0'N$ $32^{\circ}04.4'N$ $117^{\circ}15.2'W$ - $117^{\circ}12.4'W$ 1335-1244m 40' trawl Dec. 8, 1966 coll. C.L. Hubbs	C 1554	M15 OT-14 off San Simeon, Calif. $35^{\circ}32.4'N$ $121^{\circ}16.2'W$ - $35^{\circ}35.3'N$ $121^{\circ}19.7'W$ 256m 25' otter trawl April 1, 2, 1974 R/V Agassiz coll. Matsui, Burnett
C 767	MV68-I-75 S. part of Guaymas Basin $26^{\circ}42.9'N$ $110^{\circ}58.2'W$ - $26^{\circ}46.5'N$ $111^{\circ}03.5'W$ 1684-1723m 25' otter trawl Jan. 22, 1968 R/V Washington coll. C. Hubbs, T. Cukr	C 760	SI063-17 San Diego Trough $32^{\circ}25.2'N$ $117^{\circ}27.6'W$ - $117^{\circ}34.2'W$ 732-1280m 10' IKMT Feb. 8, 1963 coll. R.L. Wisner
C 696	SI068-82 Guaymas Basin, Mexico $27^{\circ}23.0'N$ $27^{\circ}11.5'N$ $111^{\circ}19.5'W$ - $111^{\circ}31.7'W$ Jan. 15-16, 1968 41' Marinovich balloon trawl 1792- 1875m coll. C. Hubbs, R. Wisner isopod parasite <u>Bopyrus</u> removed (see C 1456)	C 710	135°43'W 53°18'N Dredge Aug. 20, 1957 A.E. Jones
C 635	San Diego Trough 25' otter trawl Dec. 13, 1969 $32^{\circ}23.5'N$ - $32^{\circ}28.8'N$ $117^{\circ}31.75'W$ $117^{\circ}31.01'W$ (1420) 1207-1234m mud bottom, 3600 M.W.O. R/V Melville coll. R. Hessler, F. Rokop, S. Luke	C 672	San Clemente Isle, Channel Is., Calif. July 19, 1905
<i>Munidopsis subquamosa</i> Henderson		C 673	San Clemente Island July 9, 1908 $33^{\circ}0.2'N$ $118^{\circ}31.3'W$
C 1047	MV72-II-26 off Arica Chile $18^{\circ}44.7'S$ $70^{\circ}40.7'W$ $18^{\circ}40.2'S$ $70^{\circ}35.1'W$ 1097-1152m 25' otter trawl May 7, 1972 R/V T. Washington coll. R. Wisner, S. Luke	C 691	Skagett Bay, Puget Sound, Washington May 2, 1946 coll. A.E. Noble
<i>Munidopsis</i> sp.		C 670	Off San Diego, Calif. July 7, 1908 $32^{\circ}46.5'N$ $118^{\circ}20.5'W$ trawling 503m
C 3512	SS-72, 41-DB central E. Pacific $12^{\circ}31.8'N$ $122^{\circ}27.5'W$ dredge box 4481m April 14, 1972 R/V Sea Scope	Munida cf. quadrispina Benedict	
C 3655	CIRCE 124 DR S. of Madagascar $26^{\circ}27.2'S$ $46^{\circ}07.3'E$ rock dredge 1783-1838m Sept. 29, 1968 J. Coatsworth	C 2659	B6411-3TR#112 Pta. Marquis, Baja Calif. Sur $23^{\circ}34'N$ $110^{\circ}23'W$ 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas (SI064-867)
C 1530	P-274-61 Baja Slope Exped. BS-1 $30^{\circ}52.0'N$ $116^{\circ}53.0'W$ $30^{\circ}42.3'N$ $116^{\circ}50.7'W$ 1986-1975m 30' otter trawl April 28, 1961 coll. Boyd & Parker	Munida hispida Benedict	
C 665	SI070-22 Baja Calif. abyssal plain $31^{\circ}19.7'N$ $119^{\circ}39.2'W$ $31^{\circ}08.2'N$ $35.5'W$ 3600-3676m 25' otter trawl Dec. 18, 1969 R/V Melville coll. C. Hubbs, R. Wisner, S. Luke	C 3608	1250 ft. gill net from skiff Jan. 26, 1977 coll. R. McConaughey, R. Kiwala
<i>Munidopsis</i> sp.		C 945	MV71-I-31 between San Benitos and Cedros $28^{\circ}17.7'N$ $115^{\circ}29.1'W$ $28^{\circ}17.2'N$ $115^{\circ}27.2'W$ 329-311m 6' Sigsbee trawl May 27, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
C 675	SOB-13(III) N.E. Guadalupe Is., Mexico 823- 540m Feb. 16, 1960	C 675	SOB-13(III) N.E. Guadalupe Is., Mexico 823- 540m Feb. 16, 1960
C 681	Shrimp trap (string #2) 70-110 ft. $32^{\circ}51'48''N$ $117^{\circ}16'26''W$ coll. R. Green, W. Perrin <u>Miss Behavior</u> Dec. 11, 1968	C 294	Submarine Canyon $32^{\circ}56.5'N$ $120^{\circ}05.8'W$ 384m dredge hauls Oct. 1938 coll. F.P. Shepard
C 2738	Vermilion Sea VSS-104 bay, E. side of Angel de La Guardia, ca. $29^{\circ}17'N$ $113^{\circ}21'W$ 73m shell dredge April 10, 1959 R. Parker	Munida tenella Benedict	
C 711	P-176 off Costa de Hermosillo $28^{\circ}27.8'N$ $112^{\circ}08.8'W$ shell dredge 82m March 23, 1960 coll. Parker	C 2738	Vermilion Sea VSS-104 bay, E. side of Angel de La Guardia, ca. $29^{\circ}17'N$ $113^{\circ}21'W$ 73m shell dredge April 10, 1959 R. Parker

- C 693 MV68-I-65 E. of Isla Angel de La Guarda
 $29^{\circ}19.9'$ - $29^{\circ}20.4'$ N $113^{\circ}10.4'$ - $113^{\circ}12.0'$ W
 283-265m 25' otter trawl Jan. 20, 1968
 coll. C. Hubbs, R. Wisner, T. Cukr
- C 674 RR61-23 Mexico, Baja Calif. Sur Golfo de
 Calif. off Punta Pulmo June 17, 1961 16'
 otter trawl
- Munida debilis Benedict
- C 770 P-164-60 off Estero de Tastiota $28^{\circ}13.8'$ N
 $111^{\circ}46.7'$ W- $28^{\circ}15.0'$ N $111^{\circ}48.0'$ W 75-64m
 10' otter trawl sand March 21, 1960 coll.
 R. Parker
- Munida perlata Benedict
- C 761 SIO59-361 Vermilion Sea Expedition Trawl
 #1 $23^{\circ}58.4'$ N $108^{\circ}59.5'$ W 3292-1920m 10'
 IKMT March 8, 1959 coll. R.L. Wisner
- Munida fulgens Faxon
- C 689 SIO68-55 N.E. of outer Gorda Bank, Baja
 Calif. $23^{\circ}02.2'$ - $23^{\circ}05.0'$ N $109^{\circ}28.1'$ -
 $109^{\circ}28.7'$ W 97-199m 41' Marinovich trawl
 Jan. 10, 1968 coll. C. Hubbs, R. Wisner
- Munida sp.
- C 1613 ARIES VII 54D Milwaukee Seamount Group,
 N.W. of Midway $32^{\circ}17.4'$ N $172^{\circ}47.7'$ E 732-
 357m dredge haul Aug. 1971 R/V T. Washington coll. R.V. Mead
- C 2931 STYX-7 MPE 680920 Sta. 1 Nero Bank
 $27^{\circ}58.8'$ N $177^{\circ}56.5'$ W 60-73m rock dredge
 Sept. 20, 1968 R/V Agassiz W. Newman
- Galathea californiensis Benedict
- C 3659 Saucer Dive #345 due W. of Bird Rock, La
 Jolla, Apr. 17, 1965 110-200m R. Ford
- C 2398 SIO65-113 Coronado Bank, San Diego Co.
 $32^{\circ}40'30"$ N $117^{\circ}27'20"$ W 230m diving saucer
 April 22, 1965 C. Hubbs
- C 771 Sea Lab 57 picked off Gorgonians from ~250'
 canyon
- C 709 Sixty-mile Bank off San Diego in stomach of
 Rock Cod from local fish mkt. Jan. 14, 1965
- C 676 $32^{\circ}51.5'$ N $117^{\circ}16.4'$ W July 3, 1906
- C 677 With a sponge from Rock Cod Banks May 18,
 1908
- C 680 Shrimp trap (String #4) $90^{\circ}110'$ $32^{\circ}51'56"$ N
 $117^{\circ}16'29"$ W coll. R. Green, W. Perrin Miss
Behavior Dec. 10, 1968
- C 690 La Jolla, Calif. April 11, 1946 depth 400'
 spit up by Rock Cod coll. B.W. Walker
- Pleuroncodes planipes Stimpson
- C 1568 S1073-321 San Clemente Basin $32^{\circ}26.0'$ N
 $117^{\circ}49.2'$ W $32^{\circ}27.8'$ N $117^{\circ}57.7'$ W 1750m 25'
 otter trawl July 27, 1973 R/V Agassiz coll.
 R. Rosenblatt
- C 1223 MV73-I-62 near edge of Continental Shelf
 $13^{\circ}24.8'$ N $91^{\circ}18.8'$ W $13^{\circ}26.7'$ N $91^{\circ}21.8'$ W
 130-121m 40' otter trawl April 16, 1973
 Guatemala R/V Agassiz coll. C. Hobbs, S. Luke
- C 429 SIO69-236 Baja Calif. Coast $25^{\circ}31.9'$ N
 $112^{\circ}27.2'$ W to $25^{\circ}30.4'$ N $112^{\circ}26.5'$ W 100m
 April 20, 1969 16' otter trawl D. Dockins &
 party Leptopecten latiauritas commensal on
 legs (removed)
- C 438 SIO69-234 Baja Calif. Coast 45-40m
 $25^{\circ}40.5'$ N $112^{\circ}13.8'$ W to $25^{\circ}39.2'$ N $112^{\circ}13.0'$ W
 16' otter trawl April 19, 1969 D. Dockins &
 pty Leptopecten latiaurites scallop on legs
- C 432 SIO69-235 Baja Calif. Coast $25^{\circ}39.2'$ N
 $112^{\circ}13.0'$ W to $25^{\circ}38'N$ $112^{\circ}112.8'$ W 40m April
 19, 1969 16' otter trawl D. Dockins Lepto-
pecten latiauritus commensal on legs (removed)
- C 678 MV68-I-75 Baja Calif. Golfo de Calif. in S.
 part of Guaymas Basin Jan. 22, 1968 25'
 otter trawl 1684-1701m C. Hubbs & party
- C 1160 MV73-I-28 N. of Acapulco, Mexico $17^{\circ}25.3'$ N
 $101^{\circ}21.6'$ W- $17^{\circ}25.0'$ N $101^{\circ}19.5'$ W 117-102m 40'
 otter trawl April 6, 1973 R/V Agassiz coll.
 C. Hubbs, S. Luke
- C 1166 $27^{\circ}10'N$ $115^{\circ}35'W$ Nov. 20, 1970 surface
 bucket coll. Capt Arne Skadberg M/S
 Ferncliff
- C 1181 MV73-I-63 S.W. of San Jose, Guatemala
 $13^{\circ}22.0'$ N $91^{\circ}18.5'$ W $13^{\circ}23.0'$ N $91^{\circ}30.0'$ W
 159-146m 40' otter trawl April 16, 1973
 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1225 MV73-I-68 ca. S.W. of Corinto, Nicaragua
 $12^{\circ}09'N$ $87^{\circ}32'W$ $12^{\circ}11.5'$ N $87^{\circ}35.5'$ W 112m
 40' otter trawl April 17, 1973 R/V
- C 1218 Agassiz coll. C. Hubbs, S. Luke
- C 1218 MV73-I-64 off Pt. Remidios, El Salvador
 $13^{\circ}09.5'$ N $89^{\circ}42.0'$ W $13^{\circ}09.0'$ N $89^{\circ}44.0'$ W
 17m 40' otter trawl April 16, 1973 R/V
- C 1230 MV73-I-70 W. of Cabode Santa Elena, Costa
 Rica $10^{\circ}50.2'$ N $86^{\circ}20.0'$ W $10^{\circ}53.2'$ N
 $86^{\circ}24.3'$ W 194m 25' otter trawl April 18,
 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1251 MV73-I-69 Southern Nicaragua $11^{\circ}07.0'$ N
 $86^{\circ}35.0'$ W $11^{\circ}08.0'$ N $86^{\circ}34.0'$ W 150-160m
 40' otter trawl April 18, 1973 R/V
- C 1258 Agassiz coll. C. Hubbs, S. Luke
- C 1258 MV73-I-47 S. of Champerico, Guatemala
 $13^{\circ}50.0'$ N $92^{\circ}01.7'$ W $13^{\circ}52.5'$ N $92^{\circ}02.3'$ W
 113-106m 40' otter trawl April 13, 1973
 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1561 Off Del Mar, Calif. 1st week of Feb. 1973
 Caught on superstructure of submarine
 "Tang" Norman W. Shriver, Commander
- C 1611 Krill I Sta. 5 off Baja Calif. Sur Mexico
 $25^{\circ}44.8'$ N $114^{\circ}42.8'$ W May 29, 1974 Neuston
 net #3 surface 0015-0115 R/V Agassiz
- Gen. Indet.
- C 1157 MV73-I-9 N.E. of Is. Maria Madre $21^{\circ}57.0'$ N
 $106^{\circ}10.0'$ W $21^{\circ}56.0'$ N $106^{\circ}11.0'$ W 51m 40'
 otter trawl March 31, 1973 R/V Agassiz
 coll. Carl Hubbs, S. Luke
- C 1399 Yvonne Is., near bomb craters Cactus and
 La Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$
 $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected
 Sept. 1971 to May 1972 coll. T. Dana, R.
 Nolan, T. Scanland
- C 3254 Loma Sea Valley, due W. of Pt. Loma, otter
 trawl #1 Jan. 21, 1965 326-351m Fager
 ST-908
- C 713 Downwind dredge haul 8/ D.W. 5 $19^{\circ}40.5'$ S
 $80^{\circ}22'W$
- C 685 Recorder Expedition - Red 81 pipe dredge
 N. of Sibutu Passage, S.W. of Pearl Bank,
 N.E. of Borneo. Sept. 4, 1961 569m camera
 sta. REC-16 coll. Cable & Wireless Ltd.
- C 695 Shell Dredge - Parker - VSS-28 Just off
 shore landing S.W. side of Ceralbo Isla.
 Golfo de Calif. March 29, 1959 depth 64m
- C 699 H48-92 Asuncion Bay, at anchor $27^{\circ}10'N$
 $114^{\circ}17'W$ Feb. 17, 1948 048° true from
 Asuncion Pt. 1-1/2 mi. off surface, dip
 net & light coll. C.L. Hubbs
- C 3344 SIO64-166 No Name Basin, off Baja Calif.
 Norte $32^{\circ}07.3'$ N $118^{\circ}24.9'$ W 400-550m rock
 dredge Mar. 19, 1964 (0600-0800) R/V Argo
 Student Cruise
- C 2185 MV65-I-19 off Bahia Asuncion Baja Calif.
 $27^{\circ}01.5'$ N $114^{\circ}16.4'$ W 99-108m 30' otter
 trawl June 15, 1965 R/V Horizon coll.
 C. Hubbs

Superfamily HIPPIDEA

Family Albuneidae

Lophomastix diomedae Benedict

- C 1129 Middle Rock, Coronado Is., Mexico August 13, 1958
- C 1130 Guadalupe Is., Mexico 100 ft. SCUBA screening top 3" of sand bottom coll. Connie Limbaugh
- C 1131 Middle Rock, Coronado Islands, Mexico Sept. 17, 1958
- C 1128 Coronado Islands, Mexico
- C 2941 SIO59-307 Papalote Bay, Punta Banda, Baja Calif. Norte Aug. 10, 1959 ca. 35 ft. coarse sand on outer edge of kelp bed SCUBA & pronoxfish J. Quast

Blepharipoda occidentalis Randall

- C 431 Oceano, Calif. Sept. 1, 1955 Sta. 6B (oceano outfall report) C. Limbaugh
- C 2943 Isla San Martin, Baja Calif. Norte, Mexico 30°38.2'N 116°05.6'W Sept. 14, 1952 from stomach of jewfish - black seabass
- Stereolepsis gigas
- C 2940 La Jolla, Calif. July 5, 1914
- C 662 La Jolla, Calif. in front of La Jolla Beach & Tennis Club 8-10 ft. depth. April 2, 1970 gill net R. Kiwala, R. McConaughey
- C 2939 Bahia Todos Santos, Campo La Jolla, Punta Banda, Baja Calif. Norte, Mex. on the beach July 28, 1968 T. Cukr
- C 3468 End of Windamere Ct., ocean side of N. Mission Beach, San Diego, Calif. intertidal Nov. 3, 1976 Mariska Emry

Lepidopa californica Efford

- C 2942 La Jolla Beach & Tennis Club, La Jolla, Calif. Jan. 21, 1955 Paul W. Johnson
- C 2944 Torrey Pines State Beach, San Diego, Calif. April 16, 1950 molted Aug. 20, 1950 died Feb. 5, 1951
- C 2948 Scripps Beach, in front of Scripps Inst., La Jolla, Calif. July 17, 1957 Pedro Mercado

Lepidopa myops Stimpson

- C 2945 RR61-3 Cabo San Lucas, Baja Calif. Sur, Mex. 22°52'32"N 109°53'52"W to 20 ft. rotenone & diving June 12, 1961 R. Rosenthal (SIO61-225)

Family Hippidae

Emerita talpoida

- C 2962 Sandbridge, Virginia summer 1966 F. Rokop
- Emerita analoga (Stimpson)
- C 2968 S. Windansea Beach, La Jolla, Calif. April 29, 1966
- C 2967 Scripps Inst., La Jolla, Calif. sandy beach N. of Pier June 30, 1960 D. Detrich
- C 2966 Bodega Bay, Calif. May 7, 1966
- C 2965 N. Punta Descanso, Baja Calif. Norte, Mexico March 6, 1963 mid beach zone M. Knight
- C 2964 Playa de La Mission, N. of Ensenada, Baja Calif. Norte, Mexico Aug. 13, 1961 I.E. Efford
- C 2963 H51-20 sandy cove, S. side of Pta. Banda, E. of fish camp 31°43.2'N 116°42.0'W shallow Feb. 3, 1951 Baird seine C. Hubbs
- C 2757 Sta. D-2 Oso Flaco, Calif. Mar. 13, 1956 35°02'52"N 120°38'12"W sand beach Rechner IMR Ref. S6-5
- C 1894 'ECCE' PB-38 Pta. Baja, Baja Calif. 29°57'N 115°48'W mid intertidal Aug. 9, 1975 coll. Hemingway, Luke

- C 1865 'ECCE' SR-35 Sta. Rosalillita, Baja Calif. 28°40'N 114°14'W rocky intertidal Aug. 7, 1975 coll. Hemingway, Luke
- C 1842 'ECCE' B.T.-25 Bahia Tortugas, Baja Calif. 27°41'N 114°53'W sand beach high tide Aug. 1, 1975 coll. Hemingway, Luke
- C 1887 'ECCE' San Juanito Bay, Baja Calif. Sur 26°14'N 112°28'W sandy beach intertidal July 20, 1975 coll. Hemingway, Luke
- C 1575 Pacific Beach, Calif. Crystal Pier, hand collected off pilings, intertidal Feb. 6, 1974

Section BRACHYURA

Subsection GYMNOPLEURA

Family Raninidae

Raninoides loevis (Latreille)

- C 2960 Free Port, Texas 18m
- Raninoides cf. loevis (Latreille)
- C 2062 El Golfo II BT-150 Banderas Bay, Mex. 20°44'N 105°24.6'W June 2, 1965 95 ft. 20' otter trawl coll. T. Matsui

Raninoides ecuadorensis Rathbun

- C 2970 Bacanyon Cruise Sta. #63 Cabo San Lucas, Baja Calif., Sur, Mex. 22°52.9'N 109°53.5'W 110-128m Feb. 15, 1962 1440 coll. prob. by geologists

- C 1660 TEPE70-7 Isla Jicaron, Panama 07°15.7'N 81°45.3'W Sept. 16, 1970 64m Rock Dredge R/V A. Helix coll. W. Newman, S. Luke

Raninoides benedicti Rathbun

- C 2961 RR65-50+51 Bahia Santa Inez 26°58.5'N 111°57'W 40' otter trawl 40-82m July 14, 1965 C. Hubbs (SIO65-304+5)

- C 2739 Vermilion Sea VSS-104 bay, E. side of Angel de La Guarda, 29°17'N 113°21'W 73m shell dredge April 10, 1959 R. Parker

- C 1185 MV73-I-96 Golfo de Nicoya, Costa Rica 09°27.3'N 84°30.1'W 09°27.7'N 84°31.3'W 31m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

Ranilia fornicate (Faxon)

- C 3505 MV68-I-9 E. of Pta. Gorda, Gulf of Calif. Mex. 23°04'N 109°28.5'W 97-187m otter trawl Jan. 10, 1968 R/V T. Washington C. Hubbs

- C 2969 SIO60-349 Bahia San Cristobal, Baja Calif. Norte 27°24'N 114°40'W 73m otter trawl Aug. 20, 1960 1800-1820 6008-B12337

- C 2642 SIO57-223 Melpomene Cove, Isla Guadalupe, Baja Calif., 28°51'N 118°16.8'W 27-73m pipe stem dredge Dec. 18, 1957 C. Hubbs on 'Stranger'

Renilia muricata Milne-Edwards

- C 2959 From Bahamas ca. Oct. 1956 Conrad Limbaugh

Symethis variolosa (Fabricius)

- C 1666 TEPE70-3 Panama, Pacific side 07°19.1'N 81°45.2'W 07°19.3'N 81°45.6'W 22-31m Rock Dredge Sept. 15, 1970 R/V A. Helix coll. W. Newman, S. Luke

Gen. Indet.

- C 3506 Lusiad LSD-H-16 Seychelles Is., Indian Ocean 04°31'S 54°30'E dredge Oct. 19, 1962 R/V Horizon G. Shor (SIO63-150)

cf. Gymnopleura

- C 1974 SIO66-555 Owens Channel, S. side of Flinders Group, Queensland, Australia 20-30 ft. Sept. otter trawl coll. McConaughey

Subsection DROMIACEA

Superfamily DROMIIDEA

Family Dromiidae

Dromidia larraburei Rathbun

C 37 SI060-390 Magdalena Bay, N. side of Marga-
rita Is., Baja Calif. Sur, 30°-60 ft. 10'
otter trawl Aug. 24, 1960 F.H. Berry

C 39 SI064-892 Bahia Asuncion, Baja Calif. Sur
27°07'N 114°10'W 59-44m 17' otter trawl
Nov. 17, 1964 (B64111-30)

C 36 SI064-870 between Pta. Marquis & Pta. Lobos,
Baja Calif. 23°47'N 110°46'W 64m 16' otter
trawl Nov. 10, 1964 R/V B. Douglas (B64111-6)

C 2135 Reef collection on S.W. end of Guadalupe
Island, Baja Calif. Mexico ca. 28°55'N
118°15'W Dec. 8, 1946 coll. W. Williams

C 2223 Haul 3181 off San Diego, Calif. 32°28.5'N
117°15.3'W 55m Feb. 10, 1912 coll. "Agassiz"

C 34 Yacht "Remath" Santa Maria Bay, Baja Calif.
April 3, 1920 coll. Michael Crandell 1696

Hypoconcha panamensis Smith

C 1268 MV73-I-39 N.E. Shore of Golfo de Tehuan-
tepec Mexico 14°42.0'N 92°54.1'W 14°44.0'N
92°56.0'W 55m 40' otter trawl April 10,
1973 R/V Agassiz coll. C. Hubbs, S. Luke

C 1123 MV73-I-8 N.E. of Isla Maria Madre, Tres
Marias Islas, Mexico 21°56.1'N 106°12.2-
10.0'W 55m 40' otter trawl March 31, 1973
R/V Agassiz coll. C. Hubbs, S. Luke

C 1662 TEPE70-7 Isla Jicaron, Panama 07°15.7'N
81°45.3'W Sept. 16, 1970 64m Rock Dredge
R/V A. Helix coll. W. Newman, S. Luke

C 751 SI070-70 Sonora, Mexico off Cerro Colorado
240' shrimp trawler 37m March 17-18, 1970
McConaughey & Dockins

C 30 Mag Bay A-6 S.W. of Boca de Animas, Baja
Calif. Sur, 25°39.5'N 112°07.6'W ca. 12m
6' IKMT Jan. 28, 1964 broken shell bottom
R/V Horizon C. Hubbs (SI064-5)

Gen. Indet.

C 1656 Jem 72-3 (SI073-177) Indonesia McCluer
Gulf-N. end 01°13.1'S 130°34'E 11-15m 16'
otter trawl Dec. 16, 1972 J.E. McCosker

Superfamily THELXIOPEIDEA

Family Thelxiopeidae

Paromola faxoni (Schmitt)

C 307 6 mi. off between Pt. Loma & La Jolla Calif.

1500 ft. April 8-11, 1946 G.T. Werner

C 2397 SI065-113 Coronado Bank, San Diego Co.
32°40'30"N 117°27'20"W 230m diving saucer
April 22, 1965 C. Hubbs

C 716 Cabo Colnett, Baja Calif. Mexico 31°07'N
16°36'W Nov. 17-18, 1964 91-141m fish trap
#1 C.W. Jerde

C 391 Colnett-Midwater trawl #20 101m Nov. 24,
1964 D. Brown, C.W. Jerde - Cabo Colnett,
Baja Calif., Mexico

C 41 Off San Diego, Calif. Dec. 10, 1968
32°52'26"N 117°16'36"W 60 to 100 ft. shrimp
trap "Miss Behavior" R. Green & W. Perrin

Thelxiope sp.

C 2183 MV65-I-19 off Bahia Ascencion, Baja Calif.
Sur 27°01.5'N 114°16.3'W 99-108m 30' otter
trawl June 15, 1965 R/V Horizon coll. S. Luke

Gen. Indet.

C 2172 Antipode 8 144D Seychelles 08°17.6'S
58°55.1'E Feb. 4, 1971 490m chain Rock
Dredge R/V Melville coll. J. Coatsworth

Subsection OXYSTOMATA

Family Dorippidae

Ethusa ciliatiftons Faxon

C 1227 MV73-I-68 ca. S.W. of Corinto, Nicaragua
12°09'N 87°32'W 12°11.5'N 87°35.5'W 112m
40' otter trawl April 17, 1973 R/V

Agassiz coll. C. Hubbs, S. Luke

C 239 SI065-275 (RR65-21) Canal de San Jose Golfo
de Calif. Baja Calif. 24°59'N 110°42'W 40'
otter trawl 209m July 8, 1965 R. Rosenbaltt

Ethusa lata Rathbun

C 2740 Vermilion Sea VSS-104 bay, E. side of Angel
de La Guarda, ca. 29°17'N 113°21'W 73m
shell dredge April 10, 1959 R. Parker

C 2240 6108B-52 Banderas Bay, Mexico 20°41'N
105°23.5'W 10' otter trawl 63-65m Aug. 21,
1961 coll. F.H. Berry (SIO62-52)

C 2144 El Golfo II BT-156 off Pta. San Telmo,
Mexico 18°27.3'N 103°36'W 90-100 ft. 20'
otter trawl June 3, 1965 coll. Jerde

C 2114 6108-B-50 Banderas Bay, Mexico 20°41'N
105°22'W 10' otter trawl #11 46-55m Aug.
21, 1961 coll. F.H. Berry

C 1115 MV73-I-2 N.E. of Maria Madre Is., Tres
Marias Is., Mexico 22°00'N 106°16'W 82-88m
25' otter trawl March 30, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke

C 1154 MV73-I-9 N.E. of Is. Maria Madre 21°57.0'N
106°10.0'W 21°56.0'N 106°11.0'W 51m 40'
otter trawl March 31, 1973 R/V Agassiz
coll. Carl Hubbs, S. Luke

C 1199 MV73-I-95 Golfo de Nicoya, Costa Rica
09°27.5'N 84°21.7'W 09°28.3'N 84°24.2'W
26-24m 25' otter trawl April 22, 1973 R/V

Agassiz coll. C. Hubbs, S. Luke

C 1238 MV73-I-73 Cabo Blanco, Costa Rica 09°46.6'N
85°25.0'W 09°47.5'N 85°26.7'W 60m 25' otter
trawl April 18, 1973 R/V Agassiz coll.
C. Hubbs, S. Luke

C 1255 MV73-I-61 Champerico, Guatemala 13°40.0'N
91°43.0'W 13°41.3'N 91°46.0'W 117-112m
40' otter trawl April 15, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke

C 1295 MV73-I-12 Bahia Chamela, Mexico 19°32.5'N
105°10.5'W 19°35.0'W 105°11.0'W 66-71m 40'
otter trawl April 2, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke

C 1373 MV73-I-67 N. Nicaragua 12°41.2'N 87°43.0'W
12°43.0'N 87°46.6'W 59-53m 40' otter trawl
April 17, 1973 R/V Agassiz coll. C. Hubbs,
S. Luke

C 1411 SI070-253- 6-1/2 mi. N.W. of Cabo Lobos
29°58.0'N 112°50.5'W 30°00.0'N 112°53.6'W
91m 17' otter trawl April 26, 1969 coll.
Moser MB-6904-6 TR#151

C 1442 H49-167 E. of S. end of Coronado Is., Mex-
ico 32°23.5'N 117°10.6'W 32°24.9'N
117°10.6'W 27-31m CAS pipe dredge on sand
bottom Nov. 27, 1949 coll. C. Hubbs on
'Orca'

C 1246 MV73-I-21 E.S.E. from Punta San Telmo,
nearer Pta. Lizardo, Mexico 18°06.5'N
102°57.3'W 18°07.0'N 102°58.6'W 37-38m 40'
otter trawl April 4, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke

C 237 Acc. 1617 SI063-518 Golfo de Tehran-tepec,
Mexico 15°37'N 95°22'W 64m try net July 12,
1963 coll. D. Dockins & pty

Ethusina cf. faxonii Rathbun

C 1034 MV72-II-32 off Pt. San Juan, Pera 15°39.2'S
76°13.6'W 15°52.8'S 76°04.2'W 3475m 25'
otter trawl May 10, 1972 R/V T. Washington
coll. R. Wisner, S. Luke

- Ethusina gracilipes (Miers)
- C 1211 MV73-I-81 S. of Punta Guiones, Costa Rica
09°32.5'N 85°43.0'W-09°36.7'N 85°40.5'W
1157-1454m 10' IKMT April 20, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 977 MV65-I-50 S.W. of Cabo San Lucas 22°42.5'N
110°21.0'W 22°41.4'N 110°12.0'W 1893-1957m
6' Sigsbee trawl June 28, 1965 R/V Horizon
coll. C. Hubbs, R. Wisner
- C 235 MV65-I-55 S.W. of Cabo San Lucas, Baja Calif.
Sur. Mex. 22°33'N 110°06'W 2714-2886m 45'
otter trawl June 29, 1965 R/V Horizon
C. Hubbs
- Clythrocerus planus Rathbun
- C 2639 SI057-223 Melpomene Cove, Isla Guadalupe,
Baja Calif. 28°51'N 118°16.8'W 27-73m pipe
stem dredge Dec. 18, 1957 C. Hubbs on
'Stranger'
- C 2154 H48-229 Bahia Desanso, E. of Sugar Loaf
Rock, Baja Calif. ca. 32°20'N 117°05'W
20-26m pipe dredge Aug. 13, 1948 coll.
C. Hubbs on 'E.W. Scripps'
- C 2163 MV71-I-1 Isla de Guadalupe, Baja Calif.
28°51.5'N 118°16.3'W 95-81m 6' Sigsbee
trawl May 18, 1971 R/V Agassiz coll.
C. Hubbs, S. Luke
- C 238 SI054-222 S. end of Guadalupe Is., Baja
Calif. Norte Nov. 18, 1954 49-37m pipe
dredge C. Hubbs 'Orca'
- Family Leucosiidae
- Ebalia cristata Rathbun
- C 12 SI065-257 Bahia de La Paz, Baja, Calif. Sur.,
Mexico 24°19'N 110°26'W 55-80m 40' otter
trawl July 5, 1965 W. Baldwin RR65-3
- C 13 MV68-I-29 Bahia de La Paz, Baja Calif. Sur.,
Mexico 24°25'N 110°25'W 82-119m 40' otter
trawl Jan. 12, 1968 R/V T. Washington
C. Hubbs
- C 720 SI070-253 MB-6904-6 TR#151 29°58.0'N
112°50.5'W 30°00.0'N 112°53.6'W 91m 17'
otter trawl April 26, 1969 6-1/2 mi. N.W.
of Cabo Lobos coll. Moser
- Ebalia sp.
- C 1254 MV73-I-61 Champerico, Guatemala 13°40.0'N
91°43.0'W 13°41.3'N 91°46.0'W 117-112m 40'
otter trawl April 15, 1973 R/V Agassiz coll.
C. Hubbs, S. Luke
- C 9 SI063-513 Golfo de Tehuantepec, Mexico
15°07.5'N 93°25'W 91-110m 12' try net July
10, 1963 D. Dockins
- Lithadia cumingii Bell
- C 10 6108B-12 off W. side of Tres Marias Is.,
Mexico 21°40'N 106°42.5'W 144-152 ft. 16'
otter trawl Aug. 14, 1961 F.H. Berry (SI062-
12)
- Uhlia ellipticus Stimpson
- C 1106 MV73-I-1 La Paz Pier, B.C. Mexico 24°11'46"N
110°18'07"W March 29, 1973 from pier pilings
coll. C. Hubbs, S. Luke
- Persephona townsendi (Rathbun)
- C 7 6108B-50 Banderas Bay, Mexico 20°41'N
105°22'W Aug. 21, 1961 46-55m 10' otter
trawl #11 F.H. Berry (SI062-50)
- C 2140 SI062-36 6108B-36 below Puerto Vallarta,
Mexico 20°41'N 105°22'W 118-130 ft. 16'
otter trawl #9 Aug. 19, 1961 coll. F.H. Berry
- C 1192 MV73-I-96 Golfo de Nicoya, Costa Rica
09°27.3'N 84°30.1'W 09°27.7'N 84°31.3'W 31m
25' otter trawl April 22, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1193 MV73-I-95 Golfo de Nicoya, Costa Rica
09°27.5'N 84°21.7'W 09°28.3'N 84°24.3'W 26-
24m 25' otter trawl April 22, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 748 SI070-70 Sonora, Mexico off Cerro Colorado
240' shrimp trawler 37m March 17-18, 1970
R. McConaughey & D. Dockins
- C 2 6108B-37 Banderas Bay, Mexico 20°41'N
105°20'W Aug. 19, 1961 F.H. Berry 10' otter
trawl 6-9m
- Persephona cf. orbicularis Bell
- C 1110 MV73-I-2 N.E. of Maria Madre Is. Tres Marias
Is., Mexico 22°00'N 106°16'W 82-88m 25'
otter trawl March 30, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 11 6108 B-52 Banderas Bay, Mexico 20°41'N
105°24'N 10' otter trawl #73 63-65m Aug.
21, 1961 R/V B. Douglas F.H. Berry
- Randallia americana (Rathbun)
- C 29 RR65-4 Bahia de La Paz, Baja Calif. Sur.,
Mexico 24°26'N 110°29'W 201-220m 40' otter
trawl July 6, 1965 R. Rosenblatt (SI065-258)
- C 21 SI065-257 Bahia de La Paz, Baja Calif. Sur.,
Mexico 24°19'N 110°26'W 55-80m 40' otter
trawl July 5, 1965 W. Baldwin RR65-3
- C 2741 Vermilion Sea VSS-104 bay, E. side of
Angel de La Guarda, ca. 29°17'N 113°21'W
73m shell dredge April 10, 1959 R. Parker
- C 2165 RR65-38 W. side of Isla Monserate, Gulf
of Calif. 25°39'N 111°04.7'W 40' otter
trawl July 11, 1965 coll. R. Rosenblatt
(SI065-292)
- C 724 SI070-251 MB-6904-3 TR#148 27°46.5'N
110°45.0'W-27°46.5'N 110°43.0'W 46m 17'
otter trawl April 29, 1969 11-1/2 mi. S.E.
of Guaymas Mexico coll. Moser
- C 721 SI070-253 MB-6904-6 TR#151 29°58.0'N
112°50.5'W 30°00.0'N 112°53.6'W 91m 17'
otter trawl April 26, 1969 6-1/2 mi. N.W.
of Cabo Lobos coll. Moser
- Randallia bulligera Rathbun
- C 28 El Golfo II Sta. 50-6 Altamura Is.,
Sinaloa, Mexico 24°43'N 108°10'W 34m 20'
otter trawl May 26, 1965 coll. T. Matsui
- C 2450 El Golfo II BT-157 Guerrero, Mexico
17°34'N 101°31.2'W 90-160 ft. 20' otter
trawl June 4, 1965 T. Matsui
- C 2321 H51-27 Bahia Todos Santos Baja Calif.
Norte ca. 31°45'N 116°40'W 37m dredge
Feb. 5, 1951 coll. C. Hubbs on 'Orca'
- C 1274 MV73-I-38 Golfo de Tehuantepec, Mexico
15°30.0'N 93°22.0'W 15°31.0'N 92°23.1'W
22m 40' otter trawl April 10, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1292 MV73-I-12 Bahia Chamela, Mexico 19°32.5'N
105°10.5'W 19°35.0'N 105°11.0'W 66-71m
40' otter trawl April 2, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1909 SI064-869 below Pta. Marquis, Baja Calif.
23°45'N 110°42'W 31-35m 16' otter trawl
Nov. 10, 1964 R/V Black Douglas
- C 2061 El Golfo II-BI-150 Banderas Bay, Mexico
20°44'N 105°24.6'W June 2, 1965 95 ft.
20' otter trawl coll. T. Matsui
- C 2152 H48-229 Bahia Descanso, E. of Sugar Loaf
Rock, Baja Calif. ca. 32°20'N 117°05'W
20-26m pipe dredge Aug. 13, 1948 coll.
C. Hubbs on 'E.W. Scripps'
- C 1572 SI065-161 El Golfo II BT-152 20°14.6'N
105°36.5'W off Jalisco, Mexico 32m 20'
otter trawl June 3, 1965 coll. Matsui,
Jerde

- Randallia ornata (Randall)
- C 744 MV68-I-64 Golfo de Calif. S.E. of San Felipe 30°20.0'N 114°10.0'W-30°21.2'N 114°11.0'W 148-225m 25' otter trawl Jan. 19, 1968 R/V Washington C. Hubbs & pty
- C 390 La Jolla, California depth 60' Dec. 14, 1951 coll. Geo. Wrenham
- C 38 South Coronado Is. Baja Calif. Mexico Aug. 2, 1948 on E.W. Scripps coll. C. Hubbs
- C 387 H49-167b,c, Baja Calif. off S. end of Coronado Is. 27-31m Carl Hubbs & party 'Orca' Nov. 27, 1949 ca. 32°24.2'N 117°12.0'W
- C 35 Sand Dollar beds La Jolla, Calif. Sept. 22, 1957 coll. C. Limbaugh and M. Rydell
- C 27 SIO Acc 1421 32°38'N 117°14'W off Pt. Loma dredge haul Nov. 3, 1907
- C 24 SIO52-203 Blanca Bay, 2 mi. E. of Punta Blanca, Baja Calif. Norte Nov. 4, 1952 K.S. Norris Try Net to 30 ft.
- C 20 Sand Dollar beds depth 35' SIO La Jolla, Calif. Sept. 26, 1957 coll. C. Limbaugh and D. DeOre
- C 15 SIO52-211 Bahia San Carlos, Baja Calif. Norte, Mexico Sept. 8, 1952 from Tuna Tender Try net ca. 40 ft. R/V 'Orca' K.S. Norris
- C 33 Scripps Inst. of Ocean. Beach April 1963 P. Taylor XVIII-3008
- C 2728 San Diego, Calif. 1954
- C 2222 Haul 3181 off San Diego, Calif. 32°28.5'N 117°15.3'W 55m Feb. 10, 1912 coll. "Agassiz"
- C 2215 H51-26 Bahia Todos Santos, Baja Calif. Norte Feb. 5, 1951 18-22m coll. C. Hubbs on 'Orca'
- Randallia sp.
- C 40 H49-167a,b,c E. end of Coronado Is., Baja Calif. Norte ca. 32°24'N 117°12.0'W 27-31m CAS pipe dredge Nov. 27, 1949 'Orca' C. Hubbs
- C 25 Off San Diego, Calif. 30m in kelp large dredge 32°38.6'N 117°15.6'W rock bottom
- Iliacantha hancocki Rathbun
- C 4 El Golfo II Sta. 50-6 Altamura Is. Sinaloa, Mexico 24°43'N 108°10'W 34m 20' otter trawl May 26, 1965 coll. T. Matsui
- C 3 6108B-75 off Boca Teacapan, Sinaloa, Mexico 22°15'N 106°03'W Aug. 25, 1961 176-178 ft. 16' otter trawl F.H. Berry (SIO62-75)
- C 5 6108B-52 Banderas Bay, Mexico 20°41'N 105°24'W Aug. 21, 1961 63-65m 10' otter trawl #73 R/V B. Douglas F.H. Berry (SIO62-52)
- C 2032 P159-60 Islas Tres Marias, Mexico 22°30.8'N 106°01.2'W March 11, 1960 46-57m 10' otter trawl coll. R. Parker
- C 1111 MV73-I-2 N.E. of Maria Madre Is. Tres Marias Is., Mexico 22°00'N 106°16'W 82-88m 25' otter trawl March 30, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1122 MV73-I-8 N.E. of Isla Maria Madre, Tres Marias Islas, Mexico 21°56.1'N 106°12.2-10.0'W 55m 40' otter trawl March 31, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1133 MV73-I-23 Pta. Lizardo, Michoacan, Mexico 18°05.2'N 102°56.0'W 18°07.2'N 103°00'W 75-70m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1148 MV73-I-9 N.E. of Is. Maria Madre 21°57.0'N 106°10.0'W 21°56.0'N 106°11.0'W 51m 40' otter trawl March 31, 1973 R/V Agassiz coll. Carl Hubbs, S. Luke
- C 1191 MV73-I-96 Golfo de Nicoya, Costa Rica 09°27.3'N 84°30.1'W 09°27.7'N 84°31.3'W 31m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1291 MV73-I-12 Bahia Chamela, Mexico 19°32.5'N 105°10.5'W 19°35.0'W 105°11.0'W 66-71m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1201 MV73-I-94 Golfo de Nicoya, Costa Rica 09°37.4'N 84°49.0'W 09°37.7'N 84°51.8'W 86m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1264 MV73-I-39 N.E. Shore of Golfo de Tehuantepec, Mexico 14°42.0'N 92°54.1'W 14°44.0'N 92°56.0'W 55m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 927 TEPE70-19 Islas Cavada, Islas Secas ca. 08°N 82°W bought from Panamanian shrimp boat, ca. 40m R/V Alpha Helix coll. Newman, Dana, Luke Sept. 23, 1970
- C 749 SIO70-70 Sonora, Mexico off Cerro Colorado 240' shrimp trawler 37m March 17-18, 1970 R. McConaughey & Dockins
- C 717 SIO70-253 MB-6904-6 TR#151 29°58.0'N 112°50.5'W 30°00.0'N 112°53.6'W 91m 17' otter trawl April 26, 1969 6-1/2 mi. N.W. of Cabo Lobos Coll. Moser
- C 433 SIO69-235 Baja Calif. Coast 25°39.2'N 112°13.0'N to 25°38.1'N 112°12.8'W 73m April 19, 1969 16' otter trawl D. Dockins & pty
- C 14 SIO63-523 Golfo de Tehuantepec, Mexico 15°41'N 96°07.5'W 73-37m 12' try net July 15, 1963 D. Dockins
- C 18 SIO63-518 Golfo de Tehuantepec, Mexico 15°57.5'N 95°22.5'W 64m try net July 12, 1963 D. Dockins
- Iliacantha schmitti Rathbun
- C 23 RR65-3 Bahia de La Paz, Baja Calif. Sur, Mexico 24°19'N 110°26'W 55-80m 40' otter trawl July 5, 1965 W. Baldwin SIO65-257
- C 22 SIO65-292 W. side of Isla Monserrate, Gulf of Calif., Mexico 25°39'N 111°04.7'W 40' otter trawl July 11, 1965 R. Rosenblatt
- C 26 SIO65-294 W. side of Isla Monserrate, Baja Calif. 25°38'N 111°04'W 91-73m 40' otter trawl July 12, 1965 R. Rosenblatt RR65-40
- C 19 No information
- C 16 RR65-97 Bahia de La Paz, Baja Calif. Sur, Mexico 24°25'N 110°36'W 119-128m 40' otter trawl July 24, 1965 R. Rosenblatt SIO65-350
- Iliacantha sp.
- C 17 SIO64-867 between Pta. Lobos & Pta. Marquis, Baja Calif. Sur 23°34'N 110°23'W 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas (B6411-3)
- Gen. Indet.
- C 1134 MV73-I-23 Pta. Lizardo Michoacan, Mexico 18°05.2'N 102°56.0'W 18°07.2'N 103°00'W 75-70m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1144 MV73-I-22 Pta. Lizardo, Michoacan, Mexico 18°06.7'N 102°56.0'W 18°07.5'N 102°57.3'W 22-24m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1158 MV73-I-9 N.E. of Is. Maria Madre 21°57.0'N 106°10.0'W 21°56.0'N 106°11.0'W 51m 40' otter trawl March 31, 1973 R/V Agassiz coll. Carl Hubbs, S. Luke
- C 1239 MV73-I-73 Cabo Blanco, Costa Rica 09°46.6'N 85°25.0'W 09°47.5'N 85°26.7'W 60m 25' otter trawl April 18, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1387 Yvonne Is., near bomb craters Cactus and La Crosse, Eniwetok Atoll, ca. 11°50'N 162°10'E 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland

C 1376 MV73-I-15 N. part of Bahia Chamela, Mexico
 $19^{\circ}34.8'N$ $105^{\circ}08.1'W$ $19^{\circ}34.0'N$ $105^{\circ}07.4'W$
 15-18m 40' otter trawl April 2, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke

C 1668 TEPE70-3 Panama, Pacific side $07^{\circ}19.1'N$
 $81^{\circ}45.2'W$ $07^{\circ}19.3'N$ $81^{\circ}45.6'W$ 22-31m Rock
 Dredge Sept. 15, 1970 R/V A. Helix coll.
 W. Newman, S. Luke

Family Calappidae

Calappa convexa Saussure

C 2452 El Golfo II BT-157 Guerrero, Mexico
 $17^{\circ}34'N$ $101^{\circ}31.2'W$ 90-160 ft. 20' otter
 trawl June 4, 1965 T. Matsui

Calappa gallus (Herbst)

C 216 SIO67-45 Toro Point, Panama, Atlantic side
 March 23, 1967 0-15 ft. rotenone, R. Rosen-
 blatt

Calappa springeri Rathbun

C 221 BWI Bahamas, New Providence Is., summer
 1956 C. Limbaugh

Calappa saussurei Rathbun

C 1288 MV75-I-12 Bahia Chamela, Mexico $19^{\circ}32.5'N$
 $105^{\circ}10.5'W$ $19^{\circ}35.0'W$ $105^{\circ}11.0'W$ 66-71m
 40' otter trawl April 2, 1973 R/V Agassiz
 coll. C. Hubbs, S. Luke

C 217 RR65-50&51 Bahia Santa Inez, Baja Calif.
 Sur, Mexico $26^{\circ}59'N$ $111^{\circ}58'W$ 40-82m 40'
 otter trawl July 14, 1965 C. Hubbs

C 213 MV68-I-28 Bahia de La Paz, Baja Calif. Sur,
 Mexico $24^{\circ}23.5'N$ $110^{\circ}22'W$ 59-77m 40' otter
 trawl Jan. 12, 1968 R/V T. Washington
 C. Hubbs

C 215 RR65-40 W. side of Isla Monserrate, Baja
 Calif. Sur $25^{\circ}38'N$ $111^{\circ}04'W$ 91-73m 40'
 otter trawl July 12, 1965 R. Rosenblatt
 (SIO65-294)

C 214 RR65-38 W. side of Isla Monserrate, Baja
 Calif. Sur $25^{\circ}39'N$ $111^{\circ}04.5'W$ 40' otter
 trawl July 11, 1965 R. Rosenblatt (SIO65-
 292)

C 219 RR65-3 Bahia de La Paz, Baja Calif. Sur,
 Mexico $24^{\circ}19'N$ $110^{\circ}26'W$ 55-80m 40' otter
 trawl July 5, 1965 W. Baldwin

C 218 MV68-I-37 Bahia Santa Inez, Baja Calif.
 Sur, Mexico $26^{\circ}58'N$ $111^{\circ}40'W$ 62m 41' otter
 trawl Jan. 14, 1968 R/V T. Washington
 C. Hubbs

Calappa sp.

C 220 Sta. 79 Capricorn Exped. LiFukri Is., Tonga,
 inside reef, intertidal Dec. 29, 1952

Mursia gaudichaudii (Milne-Edwards)

C 2320 H51-27 Bahia Todos Santos, Baja Calif.
 Norte ca. $31^{\circ}45'N$ $116^{\circ}40'W$ 37m dredge Feb.
 5, 1951 coll. C. Hubbs on 'Orca'

C 1043 MV72-II off Mejillones Bay $22.8^{\circ}W$ $70.5^{\circ}W$
 bought from Chilean fishing boat April 27,
 1972 ca. 5 mts. R/V T. Washington coll.
 R. Wisner- S. Luke

C 954 MV71-I-1 Isla de Guadalupe, Mexico $28^{\circ}51.5'N$
 $118^{\circ}16.0'W$ - $118^{\circ}16.5'W$ 95-81m 6' Sigsbee
 trawl May 18, 1971 R/V Agassiz coll. C.
 Hubbs, S. Luke

C 1702 CalCofi 74126/II Piedras Blancas, Calif.
 $35^{\circ}46.3'N$ $121^{\circ}24.7'W$ $35^{\circ}48.5'N$ $121^{\circ}25.9'W$
 73m 16' otter trawl #4 Dec. 10, 1974 R/V
 Agassiz coll. T. Matsui, Burnett

C 2213 Off Southern Calif. otter trawl $33^{\circ}33.7'N$
 $118^{\circ}02.6'W$ May 22, 1975 0805-0913 227m R/V
 Agassiz coll. G. Boehlert, R. Bauer

C 1215 MV73-I-41 Golfo de Tehuantepec, Mexico
 $14^{\circ}49.2'N$ $93^{\circ}06.7'W$ $14^{\circ}52.6'W$ $93^{\circ}06.5'W$
 91-101m 25' otter trawl April 11, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke

C 1176 MV73-I-40 Golfo de Tehuantepec, Mexico
 $14^{\circ}44.8'N$ $93^{\circ}00.0'W$ $14^{\circ}41.2'N$ $93^{\circ}02.0'W$ 82-
 88m 40' otter trawl April 10, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke

C 1165 Between Long Point and Isthmus Harbor, Cata-
 lina Is., Calif. ca. 183m 25' otter trawl
 on sand bottom March 7, 1973 R/V E.B. Scripps
 coll. R. Bauer, D. Diener

C 1132 MV73-I-23 Pta. Lizardo, Michoacan, Mexico
 $18^{\circ}05.2'N$ $102^{\circ}56.0'W$ - $18^{\circ}07.2'N$ $103^{\circ}00'W$
 75-70m 40' otter trawl April 4, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke

C 1231 MV73-I-70 W. of Cabo de Santa Elena, Costa
 Rica $10^{\circ}50.2'N$ $86^{\circ}20.0'W$ $10^{\circ}53.2'N$
 $86^{\circ}24.3'W$ 194m 25' otter trawl April 18,
 1973 R/V Agassiz coll. C. Hubbs, S. Luke

C 1228 MV73-I-68 ca. S.W. of Corinto Nicaragua
 $12^{\circ}09'N$ $87^{\circ}32'W$ $12^{\circ}11.5'N$ $87^{\circ}35.5'W$ 112m
 40' otter trawl April 17, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke

C 1222 MV73-I-62 near edge of Continental Shelf
 $13^{\circ}24.8'N$ $91^{\circ}18.8'W$ $13^{\circ}26.7'N$ $91^{\circ}21.8'W$
 130-121m 40' otter trawl April 18, 1973
 Guatemala R/V Agassiz coll. C. Hubbs,
 S. Luke

C 1219 MV73-I-64 off Pt. Remidios, El Salvador
 $13^{\circ}09.5'N$ $89^{\circ}42.0'W$ $13^{\circ}09.0'N$ $89^{\circ}44.0'W$
 17m 40' otter trawl April 16, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke

C 1261 MV73-I-46 Champerico, Guatemala $13^{\circ}55.6'N$
 $92^{\circ}02.5'W$ $13^{\circ}53.5'N$ $92^{\circ}02.5'W$ 91-104m 40'
 otter trawl April 13, 1973 R/V Agassiz
 coll. C. Hubbs, S. Luke

C 1259 MV73-I-47 S. of Champerico, Guatemala
 $13^{\circ}50.0'N$ $92^{\circ}01.7'W$ $13^{\circ}52.5'N$ $92^{\circ}02.5'W$
 113-106m 40' otter trawl April 13, 1973
 R/V Agassiz coll. C. Hubbs, S. Luke

C 1256 MV73-I-61 Champerico, Guatemala $13^{\circ}40.0'N$
 $91^{\circ}43.0'W$ $13^{\circ}41.3'N$ $91^{\circ}46.0'W$ 117-112m
 40' otter trawl April 15, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke

C 1252 MV73-I-69 Southern Nicaragua $11^{\circ}07.0'N$
 $86^{\circ}35.0'W$ $11^{\circ}08.0'N$ $86^{\circ}34.0'W$ 150-160m
 40' otter trawl April 18, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke

C 234 MV68-I-9 E. of Punta Gorda region Golfo de
 Calif. Mexico $23^{\circ}02.2'N$ $109^{\circ}28.1'-28.7'W$
 otter trawl I:10:68 97-187m C. Hubbs,
 T. Cukr & pty

C 1284 MV73-I-12 Bahia Chamela, Mexico $19^{\circ}32.5'N$
 $105^{\circ}10.5'W$ $19^{\circ}35.0'W$ $105^{\circ}11.0'W$ 66-71m 40'
 otter trawl April 2, 1973 R/V Agassiz
 coll. C. Hubbs, S. Luke

C 1369 MV73-I-67 N. Nicaragua $12^{\circ}41.2'N$ $87^{\circ}43.0'W$
 $12^{\circ}43.0'N$ $87^{\circ}46.6'W$ 59-53m 40' otter trawl
 April 17, 1973 R/V Agassiz coll. C. Hubbs,
 S. Luke

C 1536 M-15 OT-5 off San Onofre, Calif. $33^{\circ}17.0'N$
 $117^{\circ}31.2'W$ - $33^{\circ}16.2'N$ $117^{\circ}30.0'W$ 27m 25'
 otter trawl March 29, 1974 R/V Agassiz
 coll. Matsui, Burnett

C 1539 M15 OT-9 off Long Beach, Calif. $33^{\circ}53.3'N$
 $118^{\circ}09.2'W$ - $118^{\circ}07.6'W$ 49m 40' otter trawl
 March 29, 1974 R/V Agassiz coll. Matsui,
 Burnett

C 233 Acc. 1584 SIO62-701 9 mi. W.N.W. of Mar-
 quis Pt. Baja Calif. Mex. $23^{\circ}58'N$ $111^{\circ}01'W$
 91m 16' otter trawl Dec. 4, 1962 coll.
 F.H. Berry

C 222 Acc. 1227 Mag Bay A-11 $24^{\circ}00.2'-02.2'N$
 $112^{\circ}12.2'-12.9'W$ Jan. 29, 1964 106-97m

C 223 Acc. 1423 trawl material off San Clemente
 Id. S. Calif. July 19, 1905

- C 224 MV65-I-47 Baja Calif. Sur Mex. Morgan Bank hook & line ca. 60' from stomach of Epinephelus niveatus VI:27-65 C.L. Hubbs & pty
- C 225 Acc. 1237 Pt. Arguello, Calif. (W. of Lompoc) 37m 2117-2137 pst. III:1:1963 B6303-1 Tr#77 coll. F.H. Berry
- C 226 SIO65-275 (RR65-14) Canal de San Jose Golfo de Calif. Baja Calif. 24°59.8'N-58.2'N 110°42.7'-42.0'W 40' otter trawl July 8, 1965 210m R. Rosenblatt
- C 228 SIO65-350 (RR65-97) Bahia de La Paz Golfo de Calif. Sur.
- C 230 SIO65-275 (RR65-21) Golfo de Calif. Canal de San Jose 24°59'N 110°42'W 40' otter trawl 210m July 8, 1965 R. Rosenblatt & pty
- C 232 MV65-I-44 Baja Calif. Sur Mex. off Boca Flor de Malva 24°12'N 111°30'W 102-95m 45' otter trawl VI:27:65 C.L. Hubbs & pty
- C 241 MV65-I-43 S. of Isla Santa Margarita Baja Calif. Sur Mex. 24°12.5'N 111°28.5'W 45' otter trawl VI:27:65 coll. C.L. Hubbs
- C 227 Holt Exped. Sta. 7 Baja Calif. Sur Mexico 26°05'N 113°35'W 229-293m 10' otter trawl Dec. 2, 1960 C. Boyd (SIO60-466)
- C 240 Mag Bay A-29 off Bahia Magdalena, Baja Calif. Sur 24°29.5'N 112°09'W 88m 30' otter trawl Feb. 3, 1964 C. Hubbs R/V Horizon (SIO64-20)
- C 231 SIO63-515 Golfo de Tehuantepec, Mexico 14°22.5'N 92°30'W 64-55m 12' try net July 11, 1963 D. Dockins
- Cycloes bairdii Stimpson
- C 1174 MV73-I-15 N. part of Bahia Chameala, Mex. 19°34.8'N 105°08.1'W 19°34.0'N 105°07.4'W 15-18m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 208 Acc. 1585 SIO63-522 Golfo de Tehuantepec Mex. 15°44'N 96°06'W 9-27m 12' try net July 15, 1963 coll. D. Dockins
- C 211 SIO67-40 Isla Saboga, Pearl Island, Panama rotenone & diving 0-10 ft. Porites March 30, 1967 R. Rosenblatt
- C 880 TEPE70-4 Pacific side of Panama 07°19.3'N 81°45.5'W 07°19.3'N 81°45.3'W 22-24m small epi'benthic sled Oct. 15, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- C 1573 SIO65-161 El Golfo II BT-152 20°14.6'N 105°36.5'W off Jalisco, Mexico 32m 20' otter trawl June 3, 1965 coll. Matsui, Jerde C. Hubbs, S. Luke
- C 1170 MV73-I-14 Bahia Chameala, Mexico 19°34.2'N 105°08.2'W 19°33.7'N 105°07.4'W 27-18m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1141 MV73-I-22 Pta. Lizardo, Michoacan, Mexico 18°06.7'N 102°56.0'W 18°07.5'N 102°57.3'W 22-24m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 2186 6108-B-60 Tres Marias, Mexico 21°28'N 106°31'W 114-133 ft. Aug. 23, 1961 10' otter trawl coll. F.H. Berry
- C 2451 El Golfo II BT-157 Guerrero, Mexico 17°34'N 101°31.2'W 90-160 ft. 20' otter trawl June 4, 1965 T. Matsui
- Hepatus chilensis Milne Edwards
- C 1044 MV72-II off Mejillones Bay, Chile 22.8°S 70.5°W bought from Chilean fishing boat April 27, 1972 ca. 5 mts. R/V T. Washington coll. R. Wisner, S. Luke
- Hepatus kossmanni Neumann
- C 229 El Golfo II BT-164 near Salina Cruz, Oaxaca, Mexico 16°03.6'N 95°19'W 44m 20' otter trawl June 7, 1965 T. Matsui
- C 206 El Golfo II 50-6 Altamura Is., Sinaloa, Mexico 24°43.0'N 108°10.4'W 34m 20' otter trawl May 26, 1965 R/V Agassiz T. Matsui 6108B-70 off Nayarit, Mexico 22°02'N 105°45'W Aug. 24, 1961 88-98 ft. 16' otter trawl #19 H. DeWitt
- C 201 6108B-52 Banderas Bay, Mexico 20°41'N 105°24'W Aug. 21, 1961 63-65m 10' otter trawl #73 R/V B. Douglas F.H. Berry
- C 200 6108B-51 Banderas Bay, Mexico 20°41'N 105°22'W Aug. 21, 1961 46-55m 10' otter trawl F.H. Berry (SIO62-51)
- C 2064 El Golfo II BT-150 Banderas Bay, Mex. 20°44'N 105°24.6'W June 2, 1965 95 ft. 20' otter trawl coll. T. Matsui
- C 1184 MV73-I-96 Golfo de Nicoya, Costa Rica 09°27.3'N 84°30.1'W 09°27.7'N 84°31.3'W 31m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1195 MV73-I-95 Golfo de Nicoya, Costa Rica 09°27.5'N 84°21.7'W 09°28.3'N 84°24.2'W 26-24m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1273 MV73-I-38 Golfo de Tehuantepec, Mexico 15°30.0'N 93°22.0'W 15°31.0'N 93°23.1'W 22m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1331 Ensenada Camp N. of San Felipe, Baja Calif., Mexico ca. 31°N 114°48'W Aug. 1966 intertidal
- C 1379 MV73-I-65 Golfo de Fonseca, Salvador 13°06.5'N 87°57.6'W-13°05.1'N 87°59.5'W 24-29m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1580 SIO62-702 7 mi. N.W. of Pta. Marquis 23°59.8'N 110°58.9'W 24°00.8'N 110°59.4'W 55m 16' otter trawl Dec. 4, 1962 B6212-2 coll. F.H. Berry
- C 196 6108B-71 off Nayarit, Mexico 22°03'N 105°43.4'W Aug. 24, 1961 66-70 ft. 16' otter trawl #20 H. DeWitt
- C 908 TEPE70-16 Puerto Armuelles, Panama 08°16.0'N 82°51.5'W 3 cham trap 31m Sept. 20-21, 1970 R/V Alpha Helix 1400-0600 coll. W. Newman, T. Dana, S. Luke
- C 205 FB62-43 Panama Viejo XI:28 to XII:11-1959.
- C 199 SIO63-517 Acc. 1586 Golfo de Tehuantepec, Mexico 14°45'N 92°35'W 17-18m 1515-1545t. 12' try net July 11, 1963 coll. D. Dockins & pty
- C 195 SIO63-504 Golfo de Tehuantepec Mexico Oxaca. off Santa Cruz 15°57'N 95°00'W 51-73m July 8, 1963 12' try net D. Dockins & pty
- C 189 SIO62-236 S. arm of Bahia de Los Angeles Baja Calif. Norte ca. 28°56'N 113°32'W 22-37m shrimp trawlers April 26, 1962 R. Rosenblatt
- C 198 6108B-72 off Nayarit, Mexico 22°05'N 105°42'W Aug. 24, 1961 48-50 ft. 16' otter trawl H. DeWitt (SIO62-72)
- Hepatus cf. kossmanni Neumann
- C 1873 'ECCE' SJ San Juanito Bay, Baja Calif. Sur 26°12'N 112°28'W 4m otter trawl to 20 ft. sandy bay July 20, 1975 coll. Hemingway, Luke
- C 202 Mag Bay A-6 S.W. from Boca de Animas, Baja Calif. Sur, Mexico 25°39.5'N 112°07.6'W Jan. 28, 1964 broken shell bottom M/V Horizon 6' IKMT C. Hubbs (SIO64-5) ca. 13m
- Hepatus lineatus Rathbun
- C 207 SIO64-880 N.N.W. of Cabo San Lazaro, Baja Calif. Sur. 24°53'N 112°19'W 53-57m 16' otter trawl Nov. 15, 1964 (B6411-18)

- C 197 SI064-881 Acc. 1618 4 mi. N.W. of Isla Magdalena Baja Calif. Sur Mex. $24^{\circ}53.7'N$ $55.0'N$ $112^{\circ}20'19.8'W$ 73m 16' otter trawl Nov. 15, 1964 R/V Black Douglas
- C 747 SI070-70 Sonora, Mexico off Cerro Colorado 240' shrimp trawler 37m March 17-18, 1970 R. McConaughey & D. Dockins
- C 194 SI064-870 between Pta. Marquis & Pta. Lobos Baja Calif. $23^{\circ}47'N$ $110^{\circ}46'W$ 64m 16' otter trawl Nov. 10, 1964 R/V B. Douglas (B6411-6)
- C 191 B6411-3 TR#112 between Pta. Lobos & Pta. Marquis, Baja Calif. Sur. $23^{\circ}34'N$ $110^{\circ}23'W$ 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas
- C 191 RR65-50&51 Bahia Santa Inez, Baja Calif. Sur $26^{\circ}59'N$ $111^{\circ}58'W$ 40-82m 40' otter trawl July 14, 1965 C. Hubbs (SI065-304&5)
- C 190 B6212-1 trawl 62 9 mi. W.N.W. of Pta. Marquis, Baja Calif. Sur. $23^{\circ}59'N$ $111^{\circ}02'W$ 91m 16' otter trawl Dec. 4, 1962 F.H. Berry
- Hepatus cf. lineatus Rathbun
- C 193 B6212-13 TR-65 16 mi. N.W. of Pta. Marquis, Baja Calif. Sur. $24^{\circ}06'N$ $111^{\circ}08'W$ 37m 16' otter trawl Dec. 4, 1962 J. Copp (SI062-708)
- C 210 Mag Bay C-11 ca. 3 mi. off shore N. of Boca de Soledad, Magdalena Bay, Baja Calif. Sur $25^{\circ}18.0'N$ $112^{\circ}11.0'W$ 22-24m otter trawl Feb. 1, 1964 B.J. Zahuranec (SI064-79)
- Hepatus princeps (Herbst)
- C 950 TEPE70-30 Aghalargana Is., Holandes Cay San Blas Is., SCUBA $09^{\circ}35'54''N$ $78^{\circ}46'58''W$ 0-60 ft. Oct. 1, 1970 R/V Alpha Helix coll. W. Newmann, S. Luke
- Heptatus sp.
- C 1371 MV73-I-67 N. Nicaragua $12^{\circ}41.2'N$ $87^{\circ}43.0'W$ $12^{\circ}43.0'N$ $87^{\circ}46.6'W$ 59-53m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 204 SI062-730 Bahia Santa Maria Baja Calif. $24^{\circ}42.8'N$ $112^{\circ}13.9'W$ 0-118' 10' otter trawl December 8, 1962
- Osachila lata Faxon
- C 1285 MV73-I-12 Bahia Chamela, Mexico $19^{\circ}32.5'N$ $105^{\circ}10.5'W$ $19^{\circ}35.0'W$ $105^{\circ}11.0'W$ 66-71m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Gen. Indet.
- C 212 MV68-I-110 between Islas Santa Catalina & Monserrate, Baja Calif. Sur $25^{\circ}39'N$ $110^{\circ}53'W$ 470-494m 25' otter trawl Jan. 26, 1968 R/V T. Washington C. Hubbs
- C 1386 Yvonne Is., near bomb craters Cactus and La Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 1409 Yvonne Is., near bomb craters Cactus and La Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan and T. Scanland
- Subsection BRACHYGNATHA
- Superfamily BRACHYRHYNCHA
- Family Euryalidae
- Pseudocorystes sicarius (Poeppig)
- C 1050 MV72-II off Mejillones Bay, Chile $22.8^{\circ}S$ $70.5^{\circ}W$ bought from Chilean fish boat April 27, 1972 ca. 5 mts. R/V T. Washington coll. R. Wisner, S. Luke
- Family Portunidae
- Syrella serrata (Forskal)
var. paramarnosa in Estampador (1949)
- C 3052 NAGAS-9A60-0886 Gulf of Thailand $10^{\circ}21'12''N$ $102^{\circ}19'12''E$ 59m dip net Nov. 13, 1960
- Scylla serrata (Forskal)
- C 3051 NAGA59-30 E. of Philippines $08^{\circ}13'00''N$ $131^{\circ}36'00''E$ Aug. 31, 1959 dip net (SI061-600)
- Ovalipes ocellatus (Herbst)
- C 631 Sandbridge, Virginia - summer 1966 coll. Frank Rokop
- Charybdis bimaculata (Miers)
- C 2985 NAGA S-4 60-0212 S. China Sea $15^{\circ}14'00''N$ $109^{\circ}22.9'E$ Feb. 27, 1960 110-198m 10' beam trawl
- C 2984 NAGA S-4 60-0208 South China Sea $12^{\circ}14.8'N$ $109^{\circ}16'E$ 85 ft. 10' beam trawl Feb. 25, 1960 Nhatrang Bay
- Charybdis callianassa (Herbst)
- C 2987 NAGA SS-11A 61-0210 Timor Sea $12^{\circ}15.0'S$ $129^{\circ}13.5'E$ April 6, 1961 31m dip net
- C 2986 NAGAS-4 60-0215 S. China Sea $15^{\circ}40'00''N$ $109^{\circ}43'30''E$ 476m Feb. 27, 1960 (SI061-649)
- Charybdis curtidentata Stephenson
- C 3065 Lusiad H-17 50 mi. E. of Seychelles $04^{\circ}26.5'N$ $56^{\circ}20'E$ Oct. 17, 1962 45-70m dredge R/V Horizon C.W. Jerde
- Charybdis feriatus (Linnaeus)
- C 3053 NAGA S-9A 60-1074 Gulf of Thailand $12^{\circ}09'55''N$ $100^{\circ}50'36''E$ 16' otter trawl Dec. 12, 1960 34m
- C 2991 NAGA S9 60-0943 Gulf of Thailand $07^{\circ}38'42''N$ $101^{\circ}19'42''E$ 46m lm net tow Nov. 17, 1960
- C 2990 NAGA S9 60-0941 Gulf of Thailand $07^{\circ}38'42''N$ $101^{\circ}19'42''E$ 46m dip net Nov. 16, 1970 (SI061-683)
- C 2989 NAGA S835 60-0820 Nhatrang Bay ca. $06^{\circ}48'N$ $108^{\circ}E$ 86-115m Oct. 3, 1960
- C 2988 NAGA S3-60-0103 Gulf of Thailand $10^{\circ}49'00''N$ $100^{\circ}31'00''E$ 55m dip net Jan. 20, 1960
- Charybdis miles (de Haan)
- C 2996 NAGA S8 60-0777 Nhatrang Bay $12^{\circ}09'40''N$ $109^{\circ}24'00''E$ Sept. 20, 1960 93m 6' beam trawl (SI061-672)
- C 2995 NAGA S7 60-0636 Gulf of Thailand $10^{\circ}19'50''N$ $102^{\circ}25'50''E$ 60m 6' beam trawl Aug. 7, 1960
- C 2994 NAGA S4 60-0237 S. China Sea $12^{\circ}09.7'N$ $109^{\circ}24.7'E$ Mar. 4, 1960 93m 10' beam trawl
- C 2993 NAGA S4 60-0212 S. China Sea $15^{\circ}40'00''N$ $109^{\circ}22.9'E$ Feb. 27, 1960 110-198m 10' beam trawl
- C 2992 NAGA S1 59-0052 Gulf of Thailand $08^{\circ}40'00''N$ $102^{\circ}18'30''W$ 70m 40' otter trawl Oct. 24, 1959
- Charybdis natator (Herbst)
- C 2997 NAGA S6 60-0431 S. China Sea $08^{\circ}30'20''N$ $106^{\circ}05'30''E$ 24m 2m net tow May 25, 1960 Ilot Boise
- Charybdis river sandersoni Alcock
- C 2998 NAGA S4 60-0212 S. China Sea $15^{\circ}40'00''N$ $109^{\circ}22.9'E$ Feb. 27, 1960 110-198m 10' beam trawl
- Charybdis truncata (Fabricius)
- C 3003 NAGA S-9A 60-1103 Gulf of Thailand $13^{\circ}05'50''N$ $100^{\circ}26'10''E$ 19m 16' otter trawl Dec. 13, 1960
- C 3002 NAGA S-9A 60-1097 Gulf of Thailand $12^{\circ}39'25''N$ $100^{\circ}15'45''E$ 29m 16' otter trawl Dec. 13, 1960

- C 3001 NAGA S9A 60-1077 Gulf of Thailand
12°21'18"N 101°31'55"E 31m 16' otter
trawl Dec. 12, 1960 (SI061-635)
- C 3000 NAGA S7 60-0636 Gulf of Thailand
10°19'50"N 102°25'50"E 60m 6' beam trawl
Aug. 7, 1960
- C 2999 NAGA S5 60-0316 Gulf of Thailand
09°46'15"N 100°10'30"E 23m 6' beam trawl
April 22, 1960
- Charybdis vadorum Alcock
- C 3007 NAGA S-10 61-0045 S. China Sea 15°41'00"N
108°39'18"E Jan. 24, 1961 31m 7' beam trawl
(SI061-691)
- C 3006 NAGA S9A 60-1106 Gulf of Thailand
13°21'45"N 100°32'43"E 10m 16' otter trawl
Dec. 14, 1960 Ke Siehang
- C 3004 NAGA S3 60-0104 Gulf of Thailand 09°37'00"N
100°21'00"E 26-31m 6' beam trawl Jan. 20,
1960 Phangan
- C 3005 NAGA S4 60-0211 S. China Sea 15°41'00"N
108°41'00"E Feb. 27, 1960 37m 10' beam trawl
(SI061-573)
- Charybdis edwardsi
- C 604 Lusiad 29 Dec. 31, 1962 XVIII-32 05°02'N
53°01'E Leene & Buitendijk
- C 605 Lusiad 22 Dec. 18, 1962 (2000-2115) 00°04'N
55°03'E XVIII-36 Leene & Buitendijk
- Lupocycclus auigedentatus
- C 624 Cruise Lusiad H-16 dredge at Seychelles
Oct. 19, 1962
- Thalamita sima Milne-Edwards
- C 3057 NAGA S-9A 60-1097 Gulf of Thailand
12°39'25"N 100°15'45"E 29m 16' otter trawl
Dec. 13, 1960
- C 3056 NAGA S-9A 60-1094 Gulf of Thailand
12°16'45"N 100°07'15"E Dec. 13, 1960 23m
16' otter trawl
- C 3055 NAGA S-8 60-0833 S. China Sea 06°14'50"N
105°47'10"E Oct. 5, 1960 49m 6' beam trawl
- C 608 Lusiad H-17 SIO Oct. 19, 1962 04°26'S 56°20"E
dredge XVIII-29
- C 3054 NAGA S-2 59-131 between Ko Lau & Ko Siehon
13°01'45"N 100°50'30"E 11 ft. 40' otter
trawl Dec. 15, 1959
- Portunus acuminatus (Stimpson)
- C 1522 MV73-I-8 N.E. of Isla Maria Madre, Mexico
Tres Marias Islas 21°56.1'N 106°12.2'-10.0'W
55m 40' otter trawl March 31, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1512 MV73-I-9 N.E. of Isla Maria Madre, Mexico
21°57.0'N 106°10.0'W 21°56.0'N 106°11.0'W
51m 40' otter trawl March 31, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1509 MV73-I-39 Golfo de Tehuantepec, Mexico
14°42.0'N 92°54.1'W 14°44.0'N 92°56.0'W 55m
40' otter trawl April 10, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- Portunus angustus Rathbun
- C 529 Magdalena Bay, off Pt. Tosca Baja Calif.
Sur. Mexico 65-75 ft. Feb. 3, 1964
- Portunus asper (Milne-Edwards)
- C 505 El Golfo II - BT164 June 7, 1965 0242-0310
44m sandy bottom 20' otter trawl 16°03.6'N
95°19'W Matsui & Jerde two one gal. jars
- C 507 El Golfo II Sta. BT162 20' otter trawl
15°48.5'N 95°58'W June 6, 1965 1809-1827 ca.
55m Jerde & Matsui
- C 510 El Golfo II Sta. BT150 20' otter trawl
20°44'N 105°24.6'W June 2, 1965 1100-1130
90-100 ft. sandy mud bottom Banderas Bay
Jerde & Matsui
- C 477 Cruise 6108-B-72 Mexico Aug. 24, 1961 2245-
2300 pst 22°04.8'N 105°42.5'W to 22°06.8'N
105°42.2'W 16' otter trawl #21 DeWitt &
Perkins
- C 1515 6108-B-73 off Nayarit, Mexico coll. DeWitt
22°08'N 105°44'W Aug. 24, 1961 65 ft. 16'
otter trawl
- C 427 6108 B-74 Mexico 22°11'N 105°52'W Aug. 25,
1961 0100-0130 pst 16' otter trawl #23
F.H. Berry & party
- C 473 Cruise 6108B-75 Aug. 25, 1961 0300-0330
Mexico 22°15'N 106°03'W 16' otter trawl
#24 F.H. Berry & H. DeWitt
- C 474 Cruise 6108 B-69 Aug. 24, 1961 2020-2035
Mexico 21°55.5'N 105°46.8'W to 21°57.7'N
105°46.5'W 16' otter trawl #18 H. Perkins
& H. DeWitt
- C 426 6108 B-68 Mexico Aug. 24, 1961 21°54.2'N
105°50.5'W to 21°55'N 105°49.2'W 1935-1950
PST 16' otter trawl #17 coll. Perkins &
DeWitt
- C 587 16°50'N 100°W June 15, 1952 XVIII-15 L.
Berner
- C 513 El Golfo II Sta. 50-5 ~25°N 108°W Altamura
Island, Mexico, May 26, 1965 1820-1850 80m
w.o. on bottom 20' otter trawl Matsui &
Jerde
- C 509 El Golfo II Sta. BT165 20' otter trawl
16°07'N 95°07'W June 7, 1965 0436-0500
18m Jerde & Matsui two qt. jars
- C 499 El Golfo II Sta. 50-6 Mexico, Altamura Is.,
May 26, 1965 20' otter trawl 24°43.0'N
108°10.4'W R/V Agassiz Matsui 34m
- C 502 El Golfo II Acapulco Harbor, Mexico June
5, 1965 0810-0830 10' otter trawl, sandy
mud bottom, ~20 ft. depth Jerde & Pine
- C 428 SI063-517 Golfo de Tehuantepec, Mexico
14°45'N 92°35'W 17-18m July 11, 1963
1515-1545 12' try net coll. D. Dockins
- C 909 TEPE70-16 Puerto Armuelles, Panama
08°16.0'N 82°51.5'W 3-cham. trap 31m
Sept. 20-21, 1970 R/V Alpha Helix 1400-
1600 coll. W. Newman, T. Dana, S. Luke
- C 475 6108 B-50 Banderas Bay, Mexico 20°42'N
105°22'W Aug. 21, 1961 46-55m 10' otter
trawl #11 F.H. Berry (SI062-50)
- C 1508 MV73-I-39 Golfo de Tehuantepec, Mexico
14°42.0'N 92°54.1'W 14°44.0'N 92°56.0'N
55m 40' otter trawl April 10, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1511 MV73-I-9 N.E. of Isla Maria Madre, Mexico
21°57.0'N 106°10.0'W 21°56.0'N 106°11.0'W
51m 40' otter trawl March 31, 1973 R/V
- C 1514 MV73-I-96 Golfo de Nicoya, Costa Rica
09°27.3'N 84°30.1'W 09°27.7'N 84°31.3'W
31m 25' otter trawl April 22, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1516 MV73-I-66 Golfo de Fonseca, El Salvador
13°07.6'N 88°07.0'W 13°06.5'N 88°05.0'W
18m 40' otter trawl April 17, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1517 MV73-I-15 N. part of Bahia Chamela, Mexico
19°34.8'N 105°08.1'W 19°34.0'N 105°07.4'W
15-18m 40' otter trawl April 2, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1518 MV73-I-22 Pta. Lizardo, Michoacan, Mexico
18°06.7'N 102°56.0'W 18°07.5'N 102°57.3'W
22-27m 40' otter trawl April 4, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke

- C 1519 MV73-I-95 Golfo de Nicoya, Costa Rica
09°27.5'N 84°21.7'W 09°28.3'N 84°24.2'W
26-14m 25' otter trawl April 22, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 1520 MV73-I-37 Golfo de Tehuantepec 15°24.8'N
93°33.3'W-15°25.6'N 93°34.1'W 46-48m 40'
otter trawl April 10, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1521 MV73-I-38 Golfo de Tehuantepec, Mexico
15°30.0'N 93°22.0'W 15°31.0'N 93°23.1'W
22m 40' otter trawl April 10, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1523 MV73-I-73 Cabo Blanco, Costa Rica 09°46.6'N
85°25.0'W 09°47.5'N 85°26.7'W 60m 25' otter
trawl April 18, 1973 R/V Agassiz coll. S.
Luke, C. Hubbs
- Portunus xantusii (Stimpson)
C 516 RR65-97 Bahia de La Paz, Gulf of Calif. 40'
otter trawl 119-128m July 24, 1965
- C 515 SI065-257 RR65-3 Bahia de La Paz, Gulf of
Calif., Baja Calif. Sur July 5, 1965 24°20'N
110°27'W to 24°18'N 110°25'W 55-73m R.
Rosenblatt
- C 525 MV68-I-29 Baja Calif. Sur Mexico W. of Isa-
bel Espiritu Santo, Jan. 12, 1968 40' otter
trawl 82-110m Hubbs, Wisner, McConaughey &
pty R/V T. Washington
- C 524 SI065-257 (RR65-3) Bahia de La Paz, Golfo
de Calif. Baja Calif. 40' otter trawl 55-79m
July 5, 1965 coll. R. Rosenblatt
- C 523 SI065-275 (RR65-74) Canal de San Jose,
Golfo de Calif. 24°59.8'N 110°42.9'W July 8,
1965 9m 40' otter trawl R. Rosenblatt
- C 522 SI065-294 Golfo de Calif., Mexico 40' otter
trawl 91-73m RR65-40
- C 521 MV65-I-67 Canal de Ceralbo, Baja Calif. Sur
Mexico 80-84m 45' otter trawl July 2, 1965
coll. C.L. Hubbs & pty
- C 520 RR65-38
- C 519 SI064-871 off Baja Calif. Sur 23°57.8'N
111°00.0'W 91-93m 16' otter trawl Nov. 10,
1964 R/V Black Douglas
- C 526 SI065-275 (RR65-21) Golfo de Calif., Canal
de San Jose, Baja Calif. 24°59'N 110°42'W
40' otter trawl 210m July 8, 1965 R. Rosen-
blatt
- C 527 SI062-701 9 mi. W.N.W. of Marquis Pt. Baja
Calif. Mexico 91m 16' otter trawl Dec. 4,
1962 23°58'N 111°01'W F.H. Berry
- C 530 Gulf of Calif. W. of S. part of Isla Expir-
itu Santo, Baja Calif. otter trawl 59-77m
Jan. 12, 1968 1604-1644
- C 517 SI065-293
- C 602 Marquis Pt. Sta. 62 (trawl) F.W.S.
23°56'N 110°56'W Dec. 4, 1962 XVIII-49
- C 589 At Marquis Pt. trawl-62 91m 23°56.8'N
110°51'W Dec. 4, 1962 XVIII-53 coll. F.W.S.
- C 728 SI070-251 MB-6904-3 TR#148 27°46.5'N
110°45.0'W 27°46.5'N 110°43.0'W 46m 17'
otter trawl April 23, 1969 11-1/2 mi. S.E.
of Guaymas, Mexico coll. Moser
- C 1487 MV73-I-72 Pt. Guinones, Costa Rica
09°47.3'N 85°34.0'W 09°46.3'N 85°34.3'W
104m 25' otter trawl April 19, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1486 MV73-I-94 Golfo de Nicoya, Costa Rica
09°37.4'N 84°49.0'W 09°37.7'N 84°51.8'W
86m 25' otter trawl April 22, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1485 MV73-I-74 Cabo Blanco, Costa Rica 09°33.2'N
85°12.8'W 09°34.1'N 85°14.0'W 79-75m 25'
otter trawl April 19, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1484 MV73-I-73 Cabo Blanco, Costa Rica 09°46.6'N
85°25.0'W 09°47.5'N 85°26.7'W 60m 25' otter
trawl April 18, 1973 R/V Agassiz coll.
C. Hubbs, S. Luke
- C 514 USFWS B6212-1 Trawl 62 SI062-601 (2 jars)
large & small
- Portunus xantusii (Stimpson)
C 585 Lobster trap 60' dive XVIII-18 28°52'N
118°17'W C. Limbaugh
- C 584 Mission Bay, San Diego, Calif. Dec. 10,
1954 coll. Paul W. Johnson
- C 583 San Diego Bay, San Diego, Calif. Feb. 28,
1953 coll. Paul W. Johnson
- C 588 H-36 SIO dipnet April 15, 1952 27°44'N
114°50'W XVIII-52
- C 594 Playa Maria Bay Sept. 1, 1952 28°51'N
114°24'W Try Net 35 ft. XVIII-56 K.S.
Norris
- C 597 Punta Bunda, Aug. 10, 1949 XVIII-46 31°45'N
116°44'W dive 35 ft. J.C. Quast
- C 601 31°44'N 116°41'W surface dipnet Feb. 2,
1951 XVIII-14 Hubbs
- C 609 Off SIO April 25, 1963 60 ft. depth coll.
P. Wiebe XVIII-75
- C 613 Ballast Point, San Diego (was haul 1239)
32°41.2'N 117°14.0'W July 10, 1906
- C 614 San Diego Bay, California trawl (near
quarantine sta.) Sept. 6-7, 1915
- C 618 Carsbad Lagoon 1957 III-23(C) #3 Kettner.
- C 626 In Tijuana River, July 12, 1958 32°32'N
117°06'W XVIII-38
- C 628 Marquis Pt. Sta. #62 Dec. 4, 1962 23°56.8'N
110°51'W trawl F.W.S. XVIII-31
- C 629 Scripps pier, La Jolla, Calif. dip net &
nite lite, May 7, 1951 C.L. Hubbs
- C 630 SI070-54 Baja Calif. Mexico 28°50.7'N
118°14.2'W Jan. 24, 25, 1970 428m Free
Vehicle coll. Hubbs, Hoese
- C 415 Mexico, Baja Calif. Norte Los Angeles Bay
at anchor ~1/2 mi. off shore from motel and
air strip April 7, 1959 R.J. Krejsa
- C 416 SI059-301 Baja Calif. Norte Mexico Bahia
de Todos Antos, along N. side of Punta
Banda, Aug. 7, 1959 Rosenblatt
- C 418 SIO H48-45 Baja Calif. Turtle Bay
- C 420 SIO64-867 Baja Calif. Sur between Punta
Lobos & Punta Marquis 23°33.3'-34.3'N,
110°22.5'-23.9'W
- C 421 SIO63-501 B-3 Golfo de Tehuantepec July 8,
1963 2000-2030 27m
- C 422 MV65-I-18 Bahia Asuncion, Baja Calif. Mexico
July 15, 1965 27°08'N 114°17'W 12m coll.
C.L. Hubbs
- C 423 SIO H47-133 San Diego Gas & Electric Co.
intake tunnel San Diego, Calif. July 3-30,
1947 H47-133
- C 436 SI069-235 Baja Calif. Coast 40m 25°39.2'N
112°13.0'W to 25°38.1'N 112°12.8'W April
19, 1969 16' otter trawl D. Dockins
- C 437 SI069-234 Baja Calif. Coast 45-40m 25°40.5'N
112°13.8'W to 25°39.2'N 112°13.0'W 16' otter
trawl April 19, 1969 D. Dockins & pty
- C 479 SI062-731 USFWS B6212-31 (TR76)
- C 485 SI063-1053 Baja Calif. Norte, Bahia San
Quintin, base of west arm 30°27'17"N
116°02'00"W Dec. 1, 1963 coll. K. Redford
& pty
- C 684 SI064-879 5 mi. S.W. of Isla Santa Marga-
rita, Baja Calif. Sur 24°18.2-18.6'N
111°50.0-51.4'W 88-90m Nov. 13, 1964 16'
otter trawl R/V Black Douglas
- C 487 SI064-892 Mexico, Asuncion Bay 27°05.8'N
114°08.3'W otter trawl 40-44m Nov. 17,
1964 R/V Black Douglas

- C 501 El Golfo II - Sta. BT-197 June 15, 1965
0340 surface dip net night light Central Mexico 13m depth coll. Jerde
- C 531 San Diego Bay, San Diego, Calif. at Gas & Electric Co. water intake Dec. 18, 1947 coll. J.L. McHugh
- C 414 SIO60-373 Baja Calif. Mexico Magdalena Bay
- C 413 SIO64-888 Baja Calif. 2.6 mi. W. off Punta Pequena $26^{\circ}13.8'N$ $112^{\circ}31.6'W$ 37-40m otter trawl Nov. 16, 1964 Black Douglas
- C 412 SIO64-871 off Baja Calif. Sur. $23^{\circ}57.8'N$ $111^{\circ}00.0'W$ 91-93m 16' otter trawl Nov. 10, 1964 R/V Black Douglas
- C 411 Exp. El Golfo II Sta. 50-6 Altamura Is., Mexico, Sinaloa $24^{\circ}43'N$ $108^{\circ}10'W$ 200MWO 20' otter trawl May 26, 1965 coll. Matsui
- C 410 SIO62-236 Baja Calif. Norte S. arm of Bahia de Los Angeles shrimp trawl April 26, 1962 R. Rosenblatt
- C 409 RR65-23
- C 408 H52-159 Mexico, Baja Calif. S.E. side of San Geronimo Isl. surface collection dip net & drop light Aug. 28, 1952 K.S. Norris & party
- C 407 Banderas Bay, Mexico $20^{\circ}41'N$ $105^{\circ}20'W$ to $20^{\circ}40'N$ $105^{\circ}19'W$ 10' otter trawl Aug. 19, 1961 1330-1415 PST 6-9m coll. F.H. Berry & party
- C 406 San Quentin Bay, Baja Calif. 1/4 mi. N.W. of graveyard April 20, 1947 coll. Carl J. Johnson
- C 405 South Coronado Isl. Baja Calif. Nov. 9, 1946 coll. Carl Hubbs on the E.W. Scripps
- C 404 SIO68-171 Sinola, Mazatlan, Mexico supratidal, sand south end of Pta. Sabalo 1-6' Jem 68-8 March 20, 1968 coll. by McCosker
- C 402 SIO64-878 B6411-15 $24^{\circ}18.9'N$ - $19.0'W$ $111^{\circ}47.6-48.6'W$
- Portunus xantisii minimus (Rathbun)
- C 419 SIO64-867 Baja Calif. 2 mi. S.W. of peninsula between Punta Marquis & Punta Lobos 64m otter trawl $23^{\circ}33'N$ $110^{\circ}22'W$ Nov. 9, 1964
- C 478 SIO64-867 Baja Calif. Sur Mexico $23^{\circ}33'$ - $34.3'N$ $110^{\circ}22'$ - $23.9'W$ 64m Nov. 9, 1964 R/V Black Douglas
- C 480 Gulf of Calif. W. of S. part of Espiritu Santo, Baja Calif. 59-77m otter trawl Jan. 12, 1968 C. Hubbs & T. Cukr
- C 481 SIO64-870 Baja Calif. Sur Mexico $23^{\circ}46.5'N$ $110^{\circ}45.7'W$ Mexico 64m Nov. 10, 1964 otter trawl
- C 482 SIO65-310 Baja Calif. Mexico Bahia Santa Inez $27^{\circ}03'N$ $111^{\circ}57'W$ surface dip net & light, July 14, 1965 R. Rosenblatt & pty 2000-2300
- C 483 Mag Bay A-6 Jan. 29, 1964 $25^{\circ}35.9'N$ $112^{\circ}07.6'W$ 137m 6' IKMT C.L. Hubbs
- C 484 SIO62-730 Bahia Santa Maria, Baja Calif. Mexico $24^{\circ}42.8'N$ $112^{\circ}13.9'W$ 0-118 ft. 10' otter trawl Dec. 8, 1962 H.C. Perkins
- C 518 SIO62-717 Bahia Magdalena, N.W. of Yellow Bluff, Baja Calif. Mexico $24^{\circ}44'N$ $112^{\circ}00'W$ 0-10' 150' beach seine Dec. 6, 1962 coll. R.L. Wisner
- C 491 SIO62-734 Bahia Santa Maria, Baja Calif., Mexico Dec. 9, 1962 $24^{\circ}45.8'N$ $112^{\circ}15.9'W$ 0-20 ft. chemfish
- Portunus xantisii affinis (Faxon)
- C 910 TEPE70-16 Puerto Armuelles, Panama $08^{\circ}16.0'N$ $82^{\circ}51.5'W$ 3 cham. trap 31m Sept. 20-21, 1970 R/V Alpha Helix 1400-0600 coll. W. Newman, T. Dana, S. Luke
- C 931 TEPE70-19 Isla Cavada, Islas Secas Ca. $08^{\circ}N$ $82^{\circ}W$ Sept. 23, 1970 R/V Alpha Helix Ca. 40m bought from Panamanian shrimp boat coll. W. Newman, T. Dana, S. Luke
- C 1116 MV73-I-2 N.E. of Maria Madre Is. Tres Marias Is., Mexico $22^{\circ}00'N$ $106^{\circ}16'W$ 82-88m 25' otter trawl March 30, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1502 MV73-I-8 N.E. of Isla Maria Madre Tres Marias Is. $21^{\circ}56.1'N$ $106^{\circ}12.2'W$ 40' otter trawl March 31, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1503 MV73-I-21 Pta. Lizardo, Mexico $18^{\circ}06.5'N$ $102^{\circ}57.3'W$ $18^{\circ}07.0'N$ $102^{\circ}58.6'W$ 37-38m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1504 MV73-I-20 Pta. Lizardo, Mexico $18^{\circ}05.0'N$ $102^{\circ}57.5'W$ $18^{\circ}06.0'N$ $102^{\circ}59.8'W$ 46-49m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1505 MV73-I-68 S.W. of Corinto, Nicaragua $12^{\circ}09'N$ $87^{\circ}32'W$ $12^{\circ}11.5'N$ $87^{\circ}35.5'W$ 112m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1506 MV73-I-67 Northern Nicaragua $12^{\circ}41.2'N$ $87^{\circ}43.0'W$ $12^{\circ}43.0'N$ $87^{\circ}46.6'W$ 59-53m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1507 MV73-I-39 Golfo de Tehuantepec, Mexico $14^{\circ}42.0'N$ $92^{\circ}54.1'W$ $14^{\circ}44.0'N$ $92^{\circ}56.0'W$ 55m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1513 MV73-I-9 N.E. of Isla Maria Madre, Mexico $21^{\circ}57.0'N$ $106^{\circ}10.0'W$ $21^{\circ}56.0'N$ $106^{\circ}11.0'W$ 51m 40' otter trawl March 31, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 424 XVIII-42 at Alcapulco Harbor $16^{\circ}50'N$ $100^{\circ}W$ June 15, 1953 coll. Benner
- C 425 6108-B-52 Banderas Bay, Mexico, $20^{\circ}40.9'N$ $105^{\circ}22.5'W$ to $20^{\circ}41.5'N$ $105^{\circ}24.2'W$ Aug. 21, 1961 1715-1745 10' otter trawl coll. F.H. Berry & party
- C 440 TO-58-1 Sta. 48 $09^{\circ}08'N$ $90^{\circ}12'W$ May 13, 1958 large nekton net, oblique tow, 450m out, 5 knots (0139) Maurice Blackburn
- C 441 TO-58-1 Sta. 57 $05^{\circ}32'N$ $85^{\circ}05'W$ May 17, 1958 large 5' nekton net, oblique tow, 450m out, 5 knots (0139) Maurice Blackburn
- C 442 TO-58-1 Sta. 59 $05^{\circ}34'N$ $81^{\circ}29'W$ May 18, 1958 large 5' nekton net, oblique tow, 450mm out, 5 knots (0134) Maurice Blackburn
- C 443 TO-58-1 Sta. 61 $05^{\circ}30'N$ $77^{\circ}57'W$ May 19, 1958 large 5' nekton net, oblique tow, 450m 5 knots (0338) Maurice Blackburn
- C 444 TO-58-1 Sta. 63 large 5' nekton net, oblique tow 450m out, 5 knots Maurice Blackburn May 20, 1958
- C 445 TO-58-1 Sta. 69 $06^{\circ}42'N$ $81^{\circ}14'W$ May 24, 1958 large nekton 5' net, oblique tow, 450m out, 5 knots Maurice Blackburn
- C 446 TO-58-1 Sta. 71 $08^{\circ}28'N$ $84^{\circ}21'W$ May 25, 1958 (0041) large 5' nekton net Maurice Blackburn
- C 447 TO-58-1 Sta. 73 $10^{\circ}36'N$ $87^{\circ}29'W$ May 26, 1968 (0126) large 5' nekton net, oblique haul, 450m out depth by attached BT = 80m Maurice Blackburn
- C 448 TO-58-1 Sta. 96 $16^{\circ}39'N$ $100^{\circ}05'W$ June 2, 1958 (2325) large 5' nekton net, Maurice Blackburn
- C 449 TO-58-2 Sta. 8 $13^{\circ}41'N$ $94^{\circ}04'W$ Nov. 24, 1958 (0153) 5' net Maurice Blackburn

- C 451 TO-58-2 Sta. 12-1 $15^{\circ}36'N$ $94^{\circ}55'W$ Nov. 26, 1958 (0450) 5' net BT 170m depth Maurice Blackburn
- C 452 TO-58-2 Sta. 15-1 $14^{\circ}55'N$ $95^{\circ}59'W$ Nov. 28, 1958 (1100) 5' net, 110m BT trace Maurice Blackburn
- C 453 TO-58-2 Sta. 19-1 $14^{\circ}41'N$ $96^{\circ}59'W$ Nov. 30, 1958 (1425) 5' net, 25-35 m. Maurice Blackburn
- C 454 TO-58-2 Sta. 22 $15^{\circ}31'N$ $97^{\circ}44'W$ Dec. 1, 1958 (0010) 5' net, 450m wire out, Maurice Blackburn
- C 455 TO-58-1 Sta. 13 $15^{\circ}30'N$ $98^{\circ}33'W$ Jan. 27, 1959 (0100) 5 x 5 net Maurice Blackburn
- C 456 TO-59-1 Sta. 15 $13^{\circ}39'N$ $97^{\circ}06'W$ Jan. 28, 1959 (0046) 5 x 5 net Maurice Blackburn
- C 457 TO-59-1 Sta. 18 $15^{\circ}45'N$ $97^{\circ}06'W$ Jan. 28, 1959 (2220) 5 x 5 net Maurice Blackburn
- C 458 TO-59-1 Sta. 22 $13^{\circ}47'N$ $95^{\circ}51'W$ Jan. 30, 1959 (0450) 5 x 5 net Maurice Blackburn
- C 459 TO-59-1 Sta. 26 $14^{\circ}47'N$ $93^{\circ}49'W$ Feb. 6, 1959 (2330) 5 x 5 net, 60m wire out 256m water Maurice Blackburn
- C 460 TO-59-1 Sta. 28 $12^{\circ}41'N$ $91^{\circ}31'W$ Feb. 7, 1959 (2245) 5 x 5 net Maurice Blackburn
- C 461 TO-59-1 Sta. 41 $16^{\circ}23'N$ $99^{\circ}28'W$ Feb. 16, 1959 (2242) 5 x 5 net, B 35m @ 25 out 10m Maurice Blackburn
- C 462 TO-59-1 Sta. 43 $17^{\circ}15'N$ $101^{\circ}37'W$ Feb. 17, 1959 (2240) 5 x 5 net 335m wire out, Maurice Blackburn
- C 463 TO-59-2 Sta. 82 $13^{\circ}40'N$ $94^{\circ}00'W$ Sept. 11, 1959 (0115) 5' net, 350m Maurice Blackburn (wire ?)
- C 464 TO-59-2 Sta. 84 $16^{\circ}28'N$ $99^{\circ}33'W$ Sept. 13, 1969 (0130) 5' net 350m (wire ?) 5 knots Maurice Blackburn
- C 465 TO-59-2 Sta. 85 5' net, $17^{\circ}10'N$ $101^{\circ}17'W$ Sept. 15, 1959 (2320) 350m wire Maurice Blackburn
- C 466 TO-61-1 Sta. 2 $15^{\circ}00'N$ $97^{\circ}00'W$ March 18, 1961 (0305) 5' net Maurice Blackburn
- C 467 TO-61-1 Sta. 5 $13^{\circ}33'N$ $95^{\circ}59'W$ March 19, 1961 (0535) 5' net Maurice Blackburn
- C 468 TO-61-1 Sta. 22 $13^{\circ}58'N$ $95^{\circ}22'W$ March 29, 1961 (0540) 5' net Maurice Blackburn
- C 469 TO-61-1 Sta. 29 $14^{\circ}20'N$ $94^{\circ}00'W$ April 3, 1961 (0200) 5' net Maurice Blackburn
- C 470 TO-61-1 Sta. 32 $15^{\circ}58'N$ $95^{\circ}02'W$ April 4, 1961 (0320) 5' net Maurice Blackburn
- C 471 TO-61-1 Sta. 36 $13^{\circ}40'N$ $95^{\circ}07'W$ April 5, 1961 (0345) 5' net Maurice Blackburn
- C 472 TO-61-1 Sta. 38 $14^{\circ}20'N$ $95^{\circ}52'W$ April 6, 1961 (0455) 5' net Maurice Blackburn
- C 450 TO-58-2 Sta. 10-1 $14^{\circ}15'N$ $95^{\circ}03'W$ Nov. 25, 1958 (0450) 5' net Maurice Blackburn
- C 493 El Golfo II-Golfo de Tehuantepec, Mexico, Sta. BT164 June 7, 1965 0242-0310 $16^{\circ}03.6'N$ $95^{\circ}19'W$ 44m sandy bottom, Matsui 20' otter trawl
- C 494 El Golfo II-Mexico June 6, 1965 0931-0956 Sta. BT-161 trawl #1 100 ft. $15^{\circ}47'N$ $96^{\circ}59'W$ 20' otter trawl sandy bottom C. Jerde
- C 495 El Golfo II-Mexico June 6-7, 1965 2312-0012 20' otter trawl 91-110m $15^{\circ}55'N$ $95^{\circ}24'W$ Sta. BT-163 trawl #1 Jerde & Matsui
- C 500 El Golfo II-Sta. BT-161 trawl #2 June 6, 1965 1010-1045 Mexico $15^{\circ}47'N$ $96^{\circ}59'W$ 100' 20' otter trawl Jerde & Matsui
- C 504 El Golfo II BT-163 trawl #2 Mexico $15^{\circ}55'N$ $95^{\circ}24'W$ June 7, 1965 0117-0137 91m mud bottom 20' otter trawl Matsui & Pine two one gal. jars
- C 508 El Golfo II Sta. BT-162 20' otter trawl $15^{\circ}48.5'N$ $95^{\circ}58'W$ June 6, 1965 1809-1827 ca. 55m Jerde & Matsui
- C 586 $16^{\circ}50'N$ $100^{\circ}W$ June 15, 1952 XVIII-15 L. Beener
- Portunus cf. xantusii cf. xantusii Stimpson
- C 2226 Haul 3181 off San Diego, Calif. $32^{\circ}28.5'N$ $117^{\circ}15.3'W$ 55m Feb. 10, 1912 coll. "Agassiz"
- Portunus argentatus (Milne-Edwards)
- C 3009 NAGA S-4 60-0283 off Saigon $07^{\circ}37'00"N$ $108^{\circ}10'00"E$ Feb. 16, 1960 79m dip net
- C 3008 NAGA S-4 60-0237 S. China Sea $12^{\circ}09.7'N$ $109^{\circ}24.7'E$ Mar. 4, 1960 93m 10' beam trawl
- Portunus gracilimanus (Stimpson)
- C 3010 NAGA S-9A 60-1074 Gulf of Thailand $12^{\circ}09'55"N$ $100^{\circ}50'36"E$ 16' otter trawl Dec. 12, 1960 (SI061-689) Cat. 43-00169
- C 3011 NAGA S-9A 60-1085 Gulf of Thailand $12^{\circ}19'15"N$ $100^{\circ}43'40"E$ 29m 16' otter trawl Dec. 13, 1960 sand
- C 3012 NAGA S-9A 60-1097 Gulf of Thailand $12^{\circ}39'25"N$ $100^{\circ}15'45"E$ 29m 16' otter trawl Dec. 13, 1960
- Portunus hastatoides Fabricius
- C 3025 NAGA S-9A 60-1103 Gulf of Thailand $13^{\circ}05'50"N$ $100^{\circ}26'10"E$ 19m 16' otter trawl Dec. 13, 1960
- C 3024 NAGA S-9A 60-1097 Gulf of Thailand $12^{\circ}39'25"N$ $100^{\circ}15'45"E$ 29m 16' otter trawl Dec. 13, 1960
- C 3023 NAGA S-9A 60-1094 Gulf of Thailand $12^{\circ}16'45"N$ $100^{\circ}07'15"E$ 23m 16' otter trawl Dec. 13, 1960 (SI061-690)
- C 3022 NAGA S-9A 60-1091 Gulf of Thailand $12^{\circ}17'28"N$ $100^{\circ}18'40"E$ Dec. 13, 1960 30m 16' otter trawl
- C 3021 NAGA S-9A 60-1085 Gulf of Thailand $12^{\circ}19'15"N$ $100^{\circ}43'40"E$ Dec. 13, 1960 29m 16' otter trawl sand
- C 3020 NAGA S-9A 60-1077 Gulf of Thailand $12^{\circ}21'18"N$ $101^{\circ}31'55"E$ Dec. 12, 1960 31m 16' otter trawl (SI061-635)
- C 3019 NAGA S-9A 60-1071 Gulf of Thailand $11^{\circ}51'15"N$ $99^{\circ}54'45"E$ 19m 16' otter trawl Dec. 12, 1960
- C 3018 NAGA S-9A 60-1052 Gulf of Thailand $11^{\circ}59'24"N$ $102^{\circ}11'06"E$ 27m 7' beam trawl Dec. 10, 1960 Ko Chang
- C 3017 NAGA S-9A 60-1049 Gulf of Thailand $11^{\circ}36'42"N$ $102^{\circ}26'00"E$ 33m 7' beam trawl Dec. 10, 1960
- C 3016 NAGA S-4 60-0211 S. China Sea $15^{\circ}41'00"N$ $108^{\circ}41'00"E$ Feb. 27, 1960 37m 10' beam trawl (SI061-573)
- C 3015 NAGA S-4 60-0206 Nhatrang Bay $12^{\circ}09'30"N$ $109^{\circ}17'30"E$ Feb. 23, 1960 15m 10' beam trawl
- C 3014 NAGA S-3 60-0104 Gulf of Thailand $09^{\circ}37'00"N$ $100^{\circ}21'00"E$ 26-31m 6' beam trawl Jan. 20, 1960 Phangan
- C 3013 NAGA S-3 60-0102 Gulf of Thailand $12^{\circ}33'00"N$ $100^{\circ}44'00"E$ Jan. 19, 1960 27m 6' beam trawl KoKhram Yai
- Portunus minutus (Shen)
- C 3026 NAGA S-9A 60-1085 Gulf of Thailand $12^{\circ}19'15"N$ $100^{\circ}43'00"E$ 29m 16' otter trawl Dec. 13, 1960
- Portunus orbitosinus
- C 603 Lusiad H-17 SIO Oct. 19, 1962 XVIII-34 $04^{\circ}26'S$ $56^{\circ}20'E$ Dredge

<i>Portunus pelagicus</i> (Linnaeus)		C 3047 NAGA S-3 60-0104 Gulf of Thailand 09°37'00"N 100°21'00"E Jan. 20, 1960 26-31m 6' beam trawl
C 3033 NAGA S-9 60-1097 Gulf of Thailand 12°39'25"N 100°15'45"E 29m 16' otter trawl Dec. 13, 1960		
C 3032 NAGA S-10 61-0156 Gulf of Thailand 13°20"N 100°35'E Feb. 12, 1961 dip net		C 2643 SI057-223 Melpomene Cove, Isla Guadalupe, Baja Calif. 28°51'N 118°16.8'W 27-73m pipe stem dredge Dec. 18, 1957 C. Hubbs on 'Stranger'
C 3031 NAGA S-9 60-0845 Gulf of Thailand 12°54'30"N 100°26'30"E 20m 6' beam trawl Nov. 9, 1960		C 591 Australia, Queensland, Princess Charlotte Bay 2mi. offshore between Bizant and Normandy Rivers, 25 ft. depth, otter trawl, Sept. 29, 1966 coll. R. McConaughey
C 3030 NAGA S-8 60-0820 Nhatrang Bay 06°43'30"N 107°58'00"E Oct. 3, 1960 115m		C 729 SI062-701 Baja Calif. Mexico 23°58'N 111°01'W 9 mi. W.N.W. of Marquis Pt. 91m 16' otter trawl Dec. 4, 1962 coll. F.H. Berry
C 3029 NAGA S-7 60-0699 Gulf of Thailand 13°12'00"N 100°51'00"E dip net 13m Aug. 15, 1960		C 730 SI070-251 MB-6904-3 TR#148 27°46.5'N 110°45.0'W 27°46.5'N 110°43.0'W 46m 17' otter trawl April 23, 1968 11-1/2 mi. S.E. of Guaymas, Mexico coll. Moser
C 3028 NAGA S-7 60-0566 Gulf of Thailand 12°59'00"N 100°15'00"E dip net Aug. 2, 1960		C 1582 SI062-702 7 mi. N.W. of Pta. Marquis 23°59.8'N 110°58.9'W 24°00.8'N 110°59.4'W 55m 16' otter trawl Dec. 4, 1962 B6212-2 coll. F.H. Berry
C 3027 NAGA S-3 60-0110 Gulf of Thailand 06°22'15"N 102°14'00"E Jan. 22, 1960 27m 6' beam trawl		C 1524 MV73-I-14 Bahia Chamela, Mexico 19°34.2'N 105°08.2'W 19°33.7'N 105°07.4'W 27-18m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
<i>Portunus pulchricristatus</i> (Gordon)		C 1417 MV65-II-10 Mangrove Lagoon on E. side of St. Margarita Is. Almejas Bay 24°22.66'N 111°42.6'W June 15, 1965 7 ft. rotenone & hand net
C 3040 NAGA S-9a 60-1085 Gulf of Thailand 12°19'15"N 100°43'00"E Dec. 13, 1960 29m 16' otter trawl		C 492 SI054-222 S. end of Guadalupe I. Mexico 37-49m Nov. 18, 1954 C.L. Hubbs
C 3039 NAGA S-9a 60-1059 Gulf of Thailand 11°53'25"N 100°53'30"E 44m 7' beam trawl Dec. 11, 1960		C 490 SI064-63 Mag Bay B-24 Yellow Bluff Feb. 6, 1964
C 3038 NAGA S-9a 60-1056 Gulf of Thailand 11°43'00"N 101°33'07"E 57m 7' beam trawl Dec. 11, 1960 (SI061-687)		C 489 Mag Bay C-19 Baja Calif. Sur Boca de Sole- dad Feb. 7, 1964 B.J. Zahuvanec & pty
C 3037 NAGA S-9a 60-1046 Gulf of Thailand 11°25'00"N 102°12'12"E 60m 7' beam trawl Dec. 10, 1960		C 488 SI064-883 Baja Calif. Sur 25°35.8'N 112°18.5'W to 25°36.4'N 112°20.8'W 73-77m 16' otter trawl Nov. 16, 1964 R/V Black Douglas
C 3036 NAGA S-9 60-0853 Gulf of Thailand 10°04'10"N 100°19'10"E 55m 6' beam trawl Nov. 9, 1960 (SI061-677)		C 476 H48-87, 87A Baja Calif. Laguna Coyote near Punta Abreojos C.L. & L.C. Hubbs and G.A. Bartholomew Jr. Feb. 14, 15, 1948
C 3035 NAGA S-4 60-0237 S. China Sea 12°09.7'N 109°24.7'E Mar. 4, 1960 93m 10' beam trawl		<i>Callinectes arcuatus</i> Ordway
C 3034 NAGA S-4 60-0211 S. China Sea 15°41'00"N 108°41'00"E 37m 10' beam trawl Feb. 27, 1960 (SI061-573)		C 1501 MV73-I-65 Golfo de Fonseca 13°06.5'N 87°57.6'W 13°05.1'N 87°59.5'W 24-29m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
C 3046 NAGA S-9A 60-1052 Gulf of Thailand 11°59'24"N 102°11'06"E 27m 7' beam trawl Dec. 10, 1960		C 1416 MV73-I-66 Golfo de Fonseca, El Salvador 13°07.0'N 88°07.0'W 13°06.5'N 88°05.0'W 18m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
<i>Portunus rubromarginatus</i> (Lanchester)		C 888 TEPE 70-8 Pta. Fea, Bahia Damas, Is. Coiba 07°23'35"N 81°38'45"E intertidal chemfish- scuba Sept. 17, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
C 3041 NAGA S-9 60-0941 Gulf of Thailand 07°38'42"N 101°19'42"E dip net 46m Nov. 16, 1960 (SI061-683)		C 610 Viego Sta. FB 2-43 Panama Nov. 28, 1959 XVIII-43
<i>Portunus sanguinolentus</i> (Herbst)		C 595 Santa Maria Bay, Dec. 9, 1962 24°47'N 112°16'W 0-5 ft. dip net XVIII-45 D. Dockins
C 3044 NAGA S-9 60-0865 Gulf of Thailand 09°54'12"N 101°50'06"E Nov. 11, 1960 68m dip net		C 578 Panama Feb-May, 1949 XVIII-41 MV "Renown"
C 3043 NAGA S-4 60-0264 S. China Sea 11°02'N 108°59'00"E Mar. 8, 1960 59m dip net (SI061- 653)		C 579 B6111-13 June 27, 1961 XVIII-20 24°40'N 112°08'W F.H. Berry
C 3042 NAGA S-3 60-0152 Gulf of Thailand 10°41'15"N 103°03'00"E 26m 2m tow Jan. 27, 1960 (SI061-712)		C 576 Almejas Bay, Aug. 24, 1960 dipnet 24°30'N 111°42'W XVIII-54 Berry
<i>Portunus sinuosodactylus</i> Stephenson (Holotype)		C 572 6108 B Sta. 39 Aug. 19, 1961 XVIII-24 20°40'N 105°30'W Berry
C 3045 NAGA S-9 60-0895 Gulf of Thailand 10°12'48"N 103°32'30"E Nov. 13, 1960 26m 6' beam trawl		C 569 8°40'N 79°45'W July 22, 1952 XVIII-16 coll. E.W. Kates
<i>Portunus tweediei</i> (Shen)		
C 3050 NAGA S-9a 60-1091 Gulf of Thailand 12°17'28"N 100°18'40"E Dec. 13, 1960 30m 16' otter trawl		
C 3049 NAGA S-9a 60-1071 Gulf of Thailand 11°51'15"N 99°54'45"E Dec. 12, 1960 19m 16' otter trawl		
C 3048 NAGA S-9a 60-1052 Gulf of Thailand 11°59'24"N 102°11'06"E Dec. 10, 1960 27m 7' beam trawl		

- C 566 Mag Bay C-14 Baja Calif. Sur Mangrove Channel N. of Magdalena Bay S.W. of Devils Bend
 C 567 At Santa Illaria Bay Aug. 26, 1960 bag seine 27°25'N 112°24'W XVIII-47 coll. Berry
 C 563 SI064-84 Mag Bay C-16 Baja Calif. Sur between Boca de Soledad and Boca Santo Domingo
 C 558 SI064-874 Bahia Almejas, Baja Calif. Sur 70°-78° 16' otter trawl 24°26'N 111°43'W Nov. 11, 1964 1926-2005 PST R/V Black Douglas
 C 557 6108 B-39 Banderas Bay, Mexico North side of Bay, 7-1/2 miles from village 150' beach seine Aug. 19, 1961 F.H. Berry & pty
 C 417 SIO H48-45 Baja Calif. Turtle Bay
 C 497 El Golfo II - Mazatlan Harbor, Mexico May 29, 1965 2130 surface dip net - Matsui
 C 503 El Golfo II Mazatlan Harbor, Mexico May 31, 1965 0100 dip net & light
 C 512 El Golfo II Sta. 50-5 ~25°N 108°W Altamura Island May 26, 1965 1820-1850 80 m.w.o. on bottom 20' otter trawl Matsui & Jerde
 C 533 SI068-530 Baja Calif. Mexico Sur Rancho Leonero (Punta Soledad 5 mi. S.E. of Buena Vista) brackish pond May 26, 1968 R. Kiwala
 C 534 SI064-76 Mag Bay C-8 Jan. 31, 1964
 C 535 Mag Bay C-18 Baja Calif. Sur S. of Boca Soledad I. Sancta Magdelena Feb. 6, 1964
 C 536 Mag Bay C-9 Baja Calif. Sur. opposite Matancitas Jan. 31, 1964
 C 538 Mag Bay C-13 Baja Calif. Sur Arroyo Soledad (E. of Boca Soledad) Feb. 3, 1964
 C 539 Mag Bay C-12 Baja Calif. Sur near Boca de Soledad Feb. 2, 1964
 C 540 Mag Bay C-15 Baja Calif. Sur between Boca de Soledad & Boca Santo Domingo Feb. 5, 1964
 C 551 Isla Margreta, Mexico, Baja Calif. Almejas Bar 6111 B-34 Nov. 29-30, 1961 2000-900 PST Dip Net coll. Stewart et al.
 C 552 6108 B-46 Banderas Bay, Mexico just inside river mouth 1100 PST Aug. 21, 1961 60' beach seine F.H. Berry
 C 553 Lagoon N. of Bahia Magdalena, S.W. of Devils Bend, Baja Calif. Mexico Jan. 30, 1964
Callinectes bellicosus (Stimpson)
- C 1771 'ECCE' MEPA-16A Estero de Pta. Abreojos, Baja Calif. mangrove lagoon July 26, 1975 26°47.5'N 113°56.5'W upper intertidal coll. Hemingway, Luke
 C 1789 'ECCE' E.C.-19 Estero de Coyote, Baja Calif. Sur 26°49'N 113°31.5'W intertidal July 28, 1965 coll. Hemingway, Luke
 C 1759 'ECCE' EPA-13A Estero de Punta Abreojos, Baja Calif. common sense seine 3-4 ft. 26°45.5'N 113°40'W July 26, 1975 coll. Hemingway, Luke
 C 1835 'ECCE' LM-27 Laguna Manuela, Baja Calif., Mexico 28°14'N 114°08.5'W lagoon intertidal Aug. 4, 1975 coll. Hemingway, Luke
 C 550 SI064-83 Mag Bay C-15 between Boca de Soledad & Boca Santo Domingo Feb. 5, 1964
 C 554 SI062-735 Bahia Santa Maria, Baja Calif. Dec. 9, 1962 150' beach seine 24°47'N 112°14'W coll. F.H. Berry
 C 548 SI068-175 Sinaloa, Mexico, Mazatlan N. Pta. Sabalo JEM 68-12
 C 547 SI062-231 Bahia de Los Angeles E. side of Punta Arenas, Baja Calif. Norte 150' bag seines April 25, 1962 C.L. Hubbs
 C 545 SI065-310 Bahia Santa Inez, Baja Calif. Mexico, surface dip net & light 27°03'N 111°57'W July 14, 1965 2000-2300 coll. R. Rosenblatt & pty
- C 546 6208-9 6 La Paz, Mexico Dip netted at night in La Paz anchorage Sept. 4, 1962
 C 543 Mag Bay C-14 Baja Calif. Sur Mangrove channel N. of Magdalena Bay S.W. of Devils Bend
 C 544 Mag Bay C-7 Baja Calif. Sur Mangrove lagoon channel north of Magdalena Bay Jan. 31, 1964 Zahuranec, Giberson
 C 541 Mag Bay Feb. 1964 15' Naval base T. Hopkins
 C 537 Mag Bay C-9 Baja Calif. Sur opposite Matancitas Jan. 31, 1964
 C 532 SI068-239 D.F.H. 68-15 20 mi. S. of Guaymas Bahia de Guasimas
 C 498 El Golfo II - Mazatlan Harbor - Mexico May 29, 1965 2130 surface dip net - Matsui
 C 555 SI064-82 Mag Bay C-14 main channel N. of Boca de Soledad
 C 556 SI063-530 Bahia Kino, Sonora Mexico, N. side: beach S. of Punta Ignacio Aug. 7, 1963 0800-1100 60' beach seine 0-8 ft. sand bottom, water 90°F J. Copp & pty
 C 559 SI062-108 B6111-20 Magdalena Bay Baja Calif. Sur 150' beach seine 24°44.2'N 112°08.5'W Nov. 28, 1961 1500-1600 F.H. Berry & pty
 C 560 SI065-174 MV65-II-1 Baja Calif. Sur Mexico, W. side of Almejas Bay
 C 561 SI065-177 MV65-II-5 near west coast of Almejas Bay, Baja Calif. Sur. Mex. otter trawl, June 13, 1965 B.J. Zahuranec
 C 565 SI061-268 Golfo de Calif., Baja Calif., Espiritu Santo Id. Isla Partida, June 23, 1961 coll. R. Rosenblatt
 C 564 SIO H48-87 Baja Calif., Laguna Coyote near Punta Abreojos Feb. 14, 1948 C. Hubbs & pty
 C 568 El Golfo Sta. 25 Nov. 20, 1963 1900 dip net 26°54'N 111°57'W XVIII-13 coll. Fleminger
 C 570 Magdalena Bay, Nov. 28, 1961 2000-0100 PST 24°40'N 112°W XVIII-50 coll. U.S.F.W.S.
 C 571 S. of San Felipe - Gulf of Calif. Baja Calif. Sept. 17, 1963 T. Hopkins
 C 573 Magdalena Bay Aug. 23, 1960 4 ft. 24°40'N 112°W XVIII-28 Berry
 C 575 Almejas Bay, Aug. 24, 1960 dip net 24°30'N 111°42'W XVIII-54 Berry
 C 577 San Felipe June 6, 1951 XVIII-44 31°N 115°12'W F. Wylie
 C 580 30°26'N 116°02'W Nov. 5, 1961 XVIII-25 Hubbs
 C 398 Mexico: Banderas Bay 6108-B-39 North side of Bay 7-1/2 miles from village 150' beach seine Aug. 19, 1961 F.H. Berry & party
 C 623 Magdalena Bay, Baja Calif. Sur Mexico Jan. 31, 1964
 C 582 Bahia de Los Angeles April 21, 1962 28°57'N 113°35'W seine at 12' XVIII-55
 C 581 Guaymas Harbor April 12, 1957 27°56'N 110°58'W dipnet XVIII-51
 C 625 Guaymas Harbor, Mexico 27°56'N 110°58'W March 22, 1939 XVIII-35 coll. Johnson
 C 627 Vermillion Sea Sta. #22 March 27, 1959 27°56'N 110°58'W surface dipnet XVIII-23
Callinectes marginatus (A. Milne Edwards)
 C 919 TEPE 70-30 Agualargana Is. Holundes Cay, San Blas, Panama 09°35'54"N 78°46'58"W 0-60 ft. scuba on coral Sept. 27, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke

- Callinectes ornatus Ordway
- C 918 TEPE70-30 Aguilarana Is. Holandes Cay,
San Blas, Panama $09^{\circ}35'54"N$ $78^{\circ}46'58"W$
0-60 ft. scuba on coral Sept. 27, 1970
R/V Alpha Helix coll. W. Newman, T. Dana,
S. Luke
- Callinectes sapidus Rathbun
- C 549 Sarah Creek, near York River, Gloucester
Pt., Virginia coll. F. Rokop
- Gen. Indet.
- C 3529 Coyote Bay, Bahia Concepcion Baja Calif.
Sur, Mexico cz. $26^{\circ}40'N$ $111^{\circ}50'W$ April
15, 1974
- C 562 La Paz, Golfo de Calif., Baja Calif. light
May 16, 1969 2000 J.N.W.
- C 598 Australia, Queensland; off shelf of W.
coast of Stanley Id. Flinders group inside
Great Barrier Reef 15-18m otter trawl Sept.
26, 1966 C.L. Hubbs
- C 1657 Mag Bay C-3 N.W. end of Bahia Magdalena;
Isla $24^{\circ}43.7'N$ $112^{\circ}08.3'W$ Jan. 29, 1964 60'
beach seine (SIO64-71) coll. Zahuranec sand
beach
- C 2426 DFH66-9 Port Arkansas, Texas, at Institute
of Marine Science Pier tide trap summer
1964 D.F. Hoese
- C 2409 RR65-55 Bahia Santa Inez, Baja Calif. Sur,
 $27^{\circ}56.5'N$ $112^{\circ}00.5'W$ 0-5 ft. noxfish July
14, 1965 B.W. Walker
- Arenaeus mexicanus (Gerstaecker)
- C 396 SIO63-522 Golfo de Tehuantepec, Mexico
 $15^{\circ}44'N$ $96^{\circ}06'W$ 9-27m 12' try net July 15,
1963 coll. D. Dockins
- C 397 Mexico: Banderas Bay 6108-B-39 North side
of Bay 7-1/2 miles from village 150' beach
seine Aug. 19, 1961 F.H. Berry & party
- C 617 6108-B Sta. 40 Aug. 19, 1961 1230 PST
XVIII-19 U.S.F.W.S.
- C 607 Marquis Pt. Dec. 4, 1962 XVIII-37 $23^{\circ}57'N$
 $110^{\circ}51'W$ seine surface Berry
- C 606 Bahia Banderas June 28, 1962 1900-2200
 $20^{\circ}40'N$ $105^{\circ}30'W$ XVIII-33 360 ft. Kato
- C 395 Mag Bay-11-C Baja Calif. Sur. Mexico 3 mi.
offshore north of Boca de Soledad Feb. 1,
1964 Bernard Johnson & Allen Stone
- Cronius ruber (Lamarck)
- C 401 Magdalena Bay, Bay Calif. Sur Jan. 29, 1964
- C 1121 MV73-I-8 N.E. of Isla Maria Madre Tres
Maria Islas, Mexico $21^{\circ}56.1'N$ $106^{\circ}12.2-$
 $10.0'W$ 55m 40' otter trawl March 31, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 399 SIO64-65 Punta Pequena, Bahia San Juanico,
Baja Calif. Sur. $26^{\circ}13'N$ $112^{\circ}28'W$ 12 ft.
Feb. 8, 1964 Chem-poison Kobayashi
- C 400 SIO61-253 Mexico, Baja Calif. Sur. Mertos
Bay, June 20, 1961 Chemfish R. Rosenblatt
& party
- C 542 Mag Bay Feb. 1964 15' Naval base T. Hopkins
- C 885 TEPE70-5 N. shore of Isla Jicaron $07^{\circ}17'20" N$
 $81^{\circ}47'15" W$ 1-2' tidepools chemfish-scuba
Sept. 16, 1970 R/V Alpha Helix coll. W.
Newman, T. Dana, S. Luke
- C 403 Cruise MV65-I-33 Baja Calif. Sur. Bahia
Asuncion Dip Net June 22, 1965 2048-2400
- Euphyllax dovii Stimpson
- C 1646 Jordan 65 W. of Galapagos Is. MWT#138 $04^{\circ}05'S$
 $96^{\circ}31'W$ 30m 45' x 45' MWT Sept. 7, 1971
- C 1645 Jordan 65 W. of Galapagos Is. Sta. 144
 $04^{\circ}00'S$ $97^{\circ}02'W$ 30m 45' x 45' MWT Sept. 8,
1971
- C 596 Shellback Sta. 161 July 30, 1952 XVIII-21
Berner
- C 612 Shellback Sta. #162 XVIII-40 July 30, 1951
0915-1030 Berner
- C 615 Shellback Sta. #163-SB H52-88 July 30, 1952
dip net Wooster XVIII-39
- C 616 M.V. Renown Jan. 27, 1952 XVIII-48 65 mi.
NNE of Cape San Francisco, Ecuador dip net
- C 1610 Krill II Sta. 18 W. of Isla Cocos $08^{\circ}21'N$
 $96^{\circ}12.0'W$ dip net ($96^{\circ}12.0'W$) June 13, 1974
2000-2100
- C 1571 Set #10 Eastern Pacific $04^{\circ}49'N$ $94^{\circ}07'W$
Feb. 4, 1974 coll. R.E.H.-Nat. Mar. Fish.
Service
- C 1570 Fishing vessel off Costa Rica $09^{\circ}19'N$
 $86^{\circ}06'W$ purse seine Jan. 31, 1974 coll.
R.C. Dotson
- C 1500 MV73-I-35A off Pta. Chipehua, S.W. of
Salina Cruz, Mexico $15^{\circ}57'N$ $95^{\circ}19'W$ sur-
face dip-net night-light April 9, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 1496 MV73-I-22 Pta. Lizardo, Michoacan, Mex.
 $18^{\circ}06.7'N$ $102^{\circ}56.0'W$ - $18^{\circ}07.5'N$ $102^{\circ}57.3'W$
22-24m 40' otter trawl April 4, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1494 JFK #5 $9^{\circ}53'N$ $96^{\circ}17'W$ 2300 time March 27,
1973 J. Ploeger
- C 1493 MV73-I-37 Golfo de Tehuantepec, Mexico
 $15^{\circ}24.8'N$ $93^{\circ}33.3'N$ $15^{\circ}25.6'N$ $93^{\circ}34.1'W$
46-48m 40' otter trawl April 10, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 1492 MV73-I-21 Pta. Lizardo, Mexico $18^{\circ}06.5'N$
 $102^{\circ}57.3'W$ $18^{\circ}07.0'N$ $102^{\circ}58.6'W$ 37-38m 40'
otter trawl April 4, 1973 R/V Agassiz coll.
C. Hubbs, S. Luke
- C 1491 MV73-I-38 Golfo de Tehuantepec, Mexico
 $15^{\circ}30.0'N$ $93^{\circ}22.0'W$ - $15^{\circ}31.0'N$ $93^{\circ}23.1'W$
22m 40' otter trawl April 10, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1490 MV73-I-20 Pta. Lizardo, Mexico $18^{\circ}05.0'N$
 $102^{\circ}57.5'W$ $18^{\circ}06.0'W$ $102^{\circ}59.8'W$ 46-49m
40' otter trawl April 4, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1489 MV73-I-39 Golfo de Tehuantepec, Mexico
 $14^{\circ}42.0'N$ $92^{\circ}54.1'W$ $14^{\circ}44.0'N$ $92^{\circ}56.0'W$
55m 40' otter trawl April 10, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1042 MV72-II off Peru, May 11, 1972 $13^{\circ}52.9'S$
 $77^{\circ}40.7'W$ dip net-night light at surface
R/V T. Washington coll. R. Wisner, S. Luke
- C 745 EASTROPAC 67AL-1 Sta. 306A 1030+5R $02^{\circ}27.0'S$
 $84^{\circ}06.0'W$ March 29, 1967 Dipnet
- C 574 East Tropics Sta. H71 dip net $20^{\circ}41'S$ $98^{\circ}42'W$
Dec. 3, 1955 2000 PST XVIII-27 coll. A.
Ebeling
- C 3597 Cruise III off Costa Rica $09^{\circ}07'N$ $87^{\circ}01'W$
Mar. 11, 1975 string & raw fish bait C.W.
Potter
- C 3596 Off Acapulco, Mex. April 4, 1973 Forel #3
Set #1 $16^{\circ}10'N$ $102^{\circ}20'W$ M/V Anne M C.W.
Oliver
- C 3595 Off Panama $07^{\circ}30'N$ $89^{\circ}00'W$ June 2, 1971
M/V Kerri M LaGrange
- C 3594 #KEWI-001 off Columbia $02^{\circ}50'N$ $84^{\circ}55'W$ Set
020 Mar. 3, 1975 K.E. Wallace
- C 3593 Off Central America Feb. 11, 1975 $07^{\circ}51'N$
 $98^{\circ}16'W$ Set #023 M/V J. M. Martinac A.D.
Bates
- C 3569 Pan Pacific Cruise #110 caught in net
 $03^{\circ}51'N$ $86^{\circ}18'W$ Jan. 16, 1975 G.L. Fried-
richsen

- Euphyllax robustus A. Milne Edwards
 C 1120 MV73-I-8 N.E. of Isla Maria Madre, Tres
 Marias Islas, Mexico $21^{\circ}56.1'N$ $106^{\circ}12.2'W$
 $10.0'W$ 55m 40' otter trawl March 31, 1973
- C 1488 MV73-I-39 Golfo de Tehuantepec, Mexico
 $14^{\circ}42.0'N$ $92^{\circ}54.1'W$ $14^{\circ}44.0'N$ $92^{\circ}56.0'W$
 55m 40' otter trawl April 10, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke
- C 1495 MV73-I-21 Pta. Lizardo, Mexico $18^{\circ}06.5'N$
 $102^{\circ}57.3'W$ $18^{\circ}07.0'N$ $102^{\circ}58.6'W$ 37-38m 40'
 otter trawl April 4, 1973 R/V Agassiz coll.
 C. Hubbs, S. Luke
- C 1497 MV73-I-67 Northern Nicaragua $12^{\circ}41.2'N$
 $87^{\circ}43.0'W$ $12^{\circ}43.0'N$ $87^{\circ}46.6'W$ 59-53m 40'
 otter trawl April 17, 1973 R/V Agassiz
 coll. C. Hubbs, S. Luke
- C 1498 MV73-I-20 Pta. Lizardo, Michoacan, Mexico
 $18^{\circ}05.0'N$ $102^{\circ}57.5'W$ $18^{\circ}06.0'N$ $102^{\circ}59.8'W$
 46-49m 40' otter trawl April 4, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke
- C 1499 MV73-I-96 Golfo de Nicoya, Costa Rica
 $09^{\circ}27.3'N$ $84^{\circ}30.1'W$ $09^{\circ}27.7'N$ $84^{\circ}31.3'W$ 31m
 25' otter trawl April 22, 1973 R/V Agassiz
 coll. C. Hubbs, S. Luke
- C 1510 MV73-I-9 N.E. of Isla Maria Madre, Mexico
 $21^{\circ}57.0'N$ $106^{\circ}10.0'W$ $21^{\circ}56.0'N$ $106^{\circ}11.0'W$
 51m 40' otter trawl March 31, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke
- C 1581 SIO62-702 7 mi. N.W. of Pta. Marquis $23^{\circ}59.8'N$
 $24^{\circ}00.8'N$ $110^{\circ}59.4'W$ 55m 16' otter trawl Dec.
 4, 1962 B6212-2 coll. F.H. Berry
- C 632 Bahia San Felipe, Baja Calif. March 1, 1951
 shrimp trawl coll. Geo. Mattson, John Twohy
- C 511 El Golfo II Sta. BT150 20' otter trawl
 $200^{\circ}44'N$ $105^{\circ}24.6'W$ June 2, 1965 1100-1130
 90-100 ft. sandy mud bottom Banderas Bay
 Jerde & Matsui
- C 506 El Golfo II Sta. BT162 20' otter trawl
 $15^{\circ}58.5'N$ $95^{\circ}58'W$ June 6, 1965 1809-1827 ca.
 55m Jerde & Matsui
- C 496 El Golfo II - Mazatlan Harbor, Mexico May
 29, 1965 2130 surface dip net - Matsui
- Gen. Indet.
- C 600 SIO66-526 Australia, Queensland: Flinders
 Id. Flinder group, surface dip net, nite
 light, Sept. 26, 1966 Carl L. Hubbs
- C 599 Australia, Queensland; off shelf of W. coast
 of Stanley Id. Flinders group inside Great
 Barrier Reef 15-18m otter trawl Sept. 26,
 1966 C.L. Hubbs
- C 1398 Yvonne Is., near bomb craters Cactus and La
 Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$
 0-60 ft. SCUBA & hand collected Sept. 1971
 to May 1972 coll. T. Dana, R. Nolan, T.
 Scanland
- C 528 FAS 8R-II Station "Quince" $22^{\circ}54'N$ $122^{\circ}30'E$
 ~70 mi. East of Formosa June 17-18, 1966
 1930-0500 night light dipnet U.S.N.S. Charles
 H. Davis (T-AGOR-5) G.V. Pickwell USNEL
- C 611 DoDo VI Sta. 45 Aug. 18, 1964 2330 SIO std.
 net 200 M.W.O. R. Stewart
- C 619 Lusiad Sta. #31 Aug. 1, 1962 1915-2000 night
 light, dip net Charles Jerde
- C 620 DoDo VI Sta. #59 Aug. 25, 1964 1329-1243(3)
 Std. M. net 200m R/V Argo
- C 621 DoDo VI Sta. #51 Aug. 21, 1964 0130(-3)
 IOSN gear 200 M.W.O. D. Wirth
- C 622 DoDo VI Sta. #7 Aug. 6, 1964 1800 dip net
 surface
- C 590 SIO66-556 Australia Queensland; Princess
 Charlotte Bay, surface dipnet night light
 $14^{\circ}11'S$ $144^{\circ}13'E$ Sept. 1966 J. Faughn an
 insect included
- C 1976 SIO66-555 Owens Channel, S. side of Flinders
 group, Queensland, Australia 20-30 ft. Sept.
 1966 otter trawl coll. McConaughey
- C 1975 SIO66-555 Owens Channel, S. Side of Flinders
 group, Queensland, Australia 20-30 ft. Sept.
 1966 otter trawl coll. McConaughey
- C 1978 TEPE70-28 Agualagarna Is., Holandes Cay
 $09^{\circ}35'30"N$ $78^{\circ}46'00"W$ 5-15' chemfish SCUBA
 Oct. 4, 1970 R/V A. Helix coll. W. Newman,
 S. Luke
- C 2150 6108B-71 off Nayarit, Mexico $22^{\circ}03'N$
 $105^{\circ}43.5'W$ Aug. 24, 1961 66-70 ft. otter
 trawl #20 coll. H. DeWitt (SIO62-71)
- C 2169 Monsoon P-240-60 off Soembawa Is.,
 $08^{\circ}02.0'N$ $118^{\circ}08.5'E$ 57m orange peel grab
 Oct. 27, 1960 coll. Parker, Rowland
- C 2376 Capricorn Sta. 76 Tongotabu, in harbor
 $175^{\circ}10'W$ $21^{\circ}10'S$ intertidal Dec. 26, 1952
 R/V Horizon Martin Johnson
- C 2390 El Golfo II BT-156 off Pta. San Telmo,
 Michoacan $18^{\circ}27.3'N$ $103^{\circ}36'W$ 90-100 ft.
 20' otter trawl June 3, 1965 T. Matsui
- C 2438 El Golfo II BT-164 Salina Cruz, Mexico
 $16^{\circ}03.6'N$ $95^{\circ}19'W$ 44m 20' otter trawl
 June 7, 1965 T. Matsui
- C 2717 Eniwetak Atoll, Marshall Is., $11^{\circ}22.5'N$
 $162^{\circ}25'E$ rotenone & SCUBA 0-25 ft. 1972-
 1974 R. Nolan (RSN)
- C 2769 Mulege, Baja Calif. Sur, Mexico ca.
 $26^{\circ}50'N$ $112^{\circ}W$ mouth of Mulege River in
 lagoon - common sense seine Mar. 25,
 1975 R. Bauer
- C 3062 NAGA S-7 60-579 Gulf of Thailand
 $11^{\circ}48'30"N$ $99^{\circ}57'30"E$ dipnet Aug. 3, 1960
 24m
- C 3061 NAGA S-8 60-0828 S. China Sea $05^{\circ}28'50"N$
 $106^{\circ}37'40"E$ Oct. 4, 1960 55m 2.5' dredge
- C 3060 NAGA S-9A 60-1085 off Ko Chang $12^{\circ}19.3'N$
 $100^{\circ}43.7'E$ Dec. 13, 1960 33m 16' otter
 trawl
- C 3059 NAGA S-9A 60-1106 off Ko Si Chang
 $13^{\circ}21.8'N$ $100^{\circ}32.7'E$ Dec. 14, 1960 12m
 16' otter trawl
- C 3058 NAGA S-11B 61-257 Darwin Bay, Australia ca.
 $13^{\circ}S$ $132^{\circ}E$ Apr. 21, 1961 dip net (SIO61-
 701)
- C 3603 Indopac Leg VIII, Sta. VIII-5 Banda Sea
 $04^{\circ}49.5'S$ $128^{\circ}08.6'E$ dip net Sept. 8, 1976
 2000 R/V T. Washington B. Shor
- C 3606 Indopac Leg VI, Sta. VI-1 off T'aipei,
 Taiwan $25^{\circ}12'N$ $121^{\circ}58'E$ neuston July 31,
 1976 1942-1958 R/V T. Washington
- C 3605 Indopac Leg V, Sta. V-18 China Sea $25^{\circ}17'N$
 $124^{\circ}29'E$ neuston July 25, 1976 1133-1145
 R/V T. Washington
- C 3604 Indopac Leg VIII, Sta. VIII-6 Banda Sea
 $04^{\circ}09'S$ $130^{\circ}35.5'E$ dip net Sept. 9, 1976
 1900 R/V T. Washington B. Shor
- C 3602 Indopac Leg VIII, Sta. VIII-1 N.W. of Dar-
 win, Auxtralia $10^{\circ}50.5'S$ $129^{\circ}38'E$ dip net
 Sept. 4, 1976 0500 R/V T. Washington B.
 Shor
- Family Potamonidae
- Pseudothelphusa sp.
- C 1062 Sierra Surutato, Arroyo San Rafael, at
 La Joya, Sinaloa, Mexico Feb. 19, 1964
 coll. J. Copp
- C 2276 Sierra Surutato, Sinaloa, Mexico, arroyo
 along Los Hornos-Surutato Road, 3.1 mi.
 N.W. of Surutato Feb. 24, 1969 coll.
 J. Copp

Family Atelecyclidae

Trachycarcinus corallinus Faxon

C 1037 MV72-II-27 off Arica, Chile $18^{\circ}40.5'S$
 $70^{\circ}36.0'W$ $18^{\circ}32.2'S$ $70^{\circ}29.8'W$ 768-968m 25'
 otter trawl May 7, 1972 R/V T. Washington
 coll. R. Wisner, S. Luke

Family Cancridae

Cancer plebejus Poeppig

C 1045 MV72-II off Mejillones Bay $22.8^{\circ}S$ $70.5^{\circ}W$
 bought from Chilean fishing boat April 27,
 1965 ca. 5 mts. R/V T. Washington coll.
 R. Wisner, S. Luke

Cancer porteri Rathbun

C 92 Holt Exped. Sta. 7 Baja Calif. Sur, Mexico
 $26^{\circ}05'N$ $113^{\circ}35'W$ 229-293m 10' otter trawl
 Dec. 2, 1960 C. Boyd (SI060-466)

C 95 MV69-II-11 E. of Bahia San Francisquito,
 Baja Calif. March 5, 1969 $28^{\circ}29.5'N$ $112^{\circ}37'W$
 fish trap 476m R/V E.B. Scripps R. McCon-
 naughay (SI069-207)

C 653 SI070-43 Baja Calif. Mexico Jan. 20, 21,
 1970 $29^{\circ}09.6'N$ $118^{\circ}16.0'W$ 439m free vehicle
 trap off Guadalupe Is. coll. Hubbs,
 McConaughey

C 654 SI070-54 Baja Calif. Mexico Jan. 24, 25,
 1970 $28^{\circ}50.7'N$ $118^{\circ}14.2'W$ 428m S.E. of S.E.
 end of Guadalupe Is. Free Vehicle trap

C 715 MV70-IV-2 Baja Calif., Is. de Guadalupe
 $29^{\circ}09.8'N$ $118^{\circ}16.2'W$ April 21, 13, 1970
 256m 3 cham - free vehicle trap R/V E.
 Scripps coll. C. Hubbs, R. McConaughey &
 party

C 947 MV71-I-39 W. of Cabo San Quintin $30^{\circ}22.2'N$
 $116^{\circ}07.4'W$ free vehicle trap 201m May 28,
 1971 R/V Agassiz coll. C. Hubbs, S. Luke

C 93 Magdalena Bay $24^{\circ}00.2''-02'2''N$ $112^{\circ}12'2''-$
 $12'9''W$ Jan. 29, 1964 97-106m 1352-1428 PST
 Modified I-K 6'MWT C. Hubbs & party

Cancer polyodon Poepping

C 1046 MV72-II off Mejillones Bay $22.8^{\circ}S$ $70.5^{\circ}W$
 bought from Chilean fishing boat. April 27,
 1972 ca. 5 mts. R/V T. Washington coll.
 R. Wisner, S. Luke

Cancer productus (Randall)

C 125 DFH66-28 Duxbury Reef, Bolinas Calif. rocky
 intertidal May 7, 1966 W. Newman

C 91 Off Scripps Inst. Pier Sept. 1965 Sealab II
 (2nd team) A. Fleichsig

C 1636 CalCofi 74126/II off San Luis Obispo, Calif.
 $35^{\circ}50.5'N$ $121^{\circ}29.0'W$ $35^{\circ}48.8'N$ $121^{\circ}28.0'W$
 99m 16' otter trawl #3 Dec. 10, 1974 R/V
 Agassiz coll. Matsui, Burnett

C 2191 Baja 69-11B off Bahia Asuncion, Baja Calif.
 Sur $27^{\circ}01'N$ $114^{\circ}21.1'W$ 201m pipe dredge
 Feb. 23, 1969 R/V Oconostota

C 1556 M15 OT-15 off Morro Bay, Calif. $35^{\circ}24.7'N$
 $121^{\circ}00.4'W$ - $35^{\circ}06.5'N$ $121^{\circ}03.0'W$ 99m 25'
 otter trawl April 2, 1974 R/V Agassiz coll.
 Matsui, Burnett

C 1555 M15 OT-14 off San Simeon, Calif. $35^{\circ}32.4'N$
 $121^{\circ}16.2'W$ $35^{\circ}35.3'N$ $121^{\circ}19.7'W$ 256m 25'
 otter trawl April 1-2, 1974 R/V Agassiz
 coll. Matsui, Burnett

C 310 Boulder patch off Tijuana River 40-70 ft.
 water coll. by divers Gherardi, Fager, North
 Pacific Grove, Calif. Feb. 1921 coll. Myrtle
 Johnson

Cancer amphioetus Rathbun

C 107 Cedros Is., Baja Calif. Norte Mexico ca.
 $27^{\circ}58'N$ $115^{\circ}13'W$ Sept. 1, 1908 trawl at 33m

C 109 Cedros Is., Baja Calif. Norte, Mexico
 $27^{\circ}57.5'N$ $115^{\circ}13.2'W$ Sept. 1, 1908 Haul 1630

C 112 La Jolla, Calif. (15-7 meters depth) June
 29, 1906

Cancer cf. amphioetus Rathbun

C 2743 Vermilion sea VSS-104 bay, E. side of Angel
 de La Guarda, ca. $29^{\circ}17'N$ $113^{\circ}21'W$ 73m shell
 dredge April 10, 1959 R. Parker

Cancer antennarius Stimpson

C 1591 Palomar St. Reef, La Jolla, Calif. inter-
 tidal sandstone rocks, hand collected Jan.
 8, 1974 coll. S. Luke

C 1815 'ECCE' B.T.-23 Bahia Tortugas, Baja Calif.
 $27^{\circ}41'N$ $114^{\circ}53'W$ SCUBA 10-15-ft. July 31,
 1975 coll. Hemingway, Luke

C 1892 'ECCE' PB-38 Pta. Baja, Baja Calif.
 $29^{\circ}57'N$ $115^{\circ}48'W$ mid-intertidal Aug. 9,

1975 coll. Hemingway, Luke

C 1860 'ECCE' SR-35 Sta. Rosalilita, Baja Calif.
 $28^{\circ}40'N$ $114^{\circ}14'W$ rocky intertidal Aug. 7,
 1975 coll. Hemingway, Luke

C 1753 'ECCE' BT-23 rocky point 1 mi. E. of town,
 Bahia Tortugas, Baja Calif. July 31, 1975
 $27^{\circ}41'N$ $114^{\circ}53'W$ SCUBA 10-15 ft. coll.

Hemingway, Luke

C 1732 'ECCE' PA-9 rocky point E. of Pta. Abreojos,
 Baja Calif. Sur W. side of Bahia La Baliza
 tide pools MLLW $26^{\circ}44'N$ $113^{\circ}35'W$ July 25,
 1975 coll. Hemingway, Luke

C 1718 'ECCE' PA-3 rocky point E. of Pta. Abreojos,
 Baja Calif. Sur W. side of Bahia La Baliza
 W. of Campo Media July 24, 1975 $26^{\circ}44'N$
 $113^{\circ}35'W$ upper mid-intertidal hand collec-
 tion sandstone coll. Hemingway, Luke

C 1902 'ECCE' BT-22 Bahia Tortugas, Baja Calif.
 Sur $27^{\circ}41'N$ $114^{\circ}53'W$ upper-mid-intertidal
 July 31, 1975 coll. Hemingway, Luke

C 159 Rock Crab + from the tip of Pt. Loma, San
 Diego County, Calif. X-15-1955 Paul Johnson
 coll.

C 186 SIO59-354 off Bird Rock, La Jolla, Calif.
 600' wall net, diving Sept. 25, 1959 C.

Hubbs 40-45 ft.

C 176 Cancer crab from Mission Bay, San Diego
 County, Calif. XII-10-1954 Paul W. Johnson
 coll.

C 181 South Coronado Is., Baja Calif. Nov. 9,
 1949 coll. Carl Hubbs on the E.W. Scripps
 pipe dredge

C 178 DFH66-28 Duxbury Reef, Bolinas Bay, Bolinas
 Calif. intertidal rocks May 7, 1966
 W. Newman

C 179 Rosarita Beach, III-6-1963 Baja Norte,
 Calif. coll. T. Hopkins

C 182 La Jolla Shores, deep water canyon

C 183 Material taken in trap at the end of the
 pier SIO La Jolla, Calif. Feb. 28, 1916

C 184 Captured off La Jolla, Calif. (Juvenile)

C 185 Carlsbad Lagoon, Calif. III-23-1957 Kettner

C 188 Rock Crab from the tip Point Loma, San
 Diego County, Calif. X-15-1955 Paul W.
 Johnson coll.

C 741 Dana Point, Calif. N. San Clemente from
 excavated Marina site. Now subtidal May

13, 1969 coll. T. Cukr, F. Rokop

Cancer cf. antennarius Stimpson

C 2184 MV65-I-19 off Bahia Asuncion, Baja Calif.
 $27^{\circ}01.5'W$ $114^{\circ}16.4'W$ 99-108m 30' otter
 trawl June 15, 1965 R/V Horizon coll.

C. Hubbs

- C 1525 Off Scripps Inst., La Jolla, Calif. 40 ft.
SCUBA on artificial reef experiment March
12, 1974 Det. J. Garth
- Cancer anthonyi Rathbun
- C 1872 'ECCE' SR-36 Sand beach, Sta. Rosalillita,
Baja Calif. $28^{\circ}40'N$ $114^{\circ}12'W$ 0-8 ft. beach
seine Aug. 7, 1975 coll. Hemingway, Luke
- C 94 MV69-IV-2A outer coast off Isla de Todos
Santos $31^{\circ}50.0'N$ $116^{\circ}50.9'W$ 84m free
vehicle trap April 8, 1969 R/V E.B. Scripps
C. Hubbs (SI069-225)
- C 97 B6303-1 TR#77 Pta. Arguello 37m Mar. 1,
1963 (2117-2137) F.H. Berry
- C 1566 M15 OT-20 off Summerland, Calif $34^{\circ}17.5'N$
 $120^{\circ}48.9'W$ $34^{\circ}17.9'N$ $120^{\circ}49.1'W$ 75m 40'
otter trawl April 2, 1974 R/V Agassiz coll.
Matsui, Burnett
- C 96 Dredge Imperial Beach, So. Calif. 20 meters
(mud bottom) Oct. 25, 1956
- C 102 Todos Santos Bay, Punta Banda Baja Calif.
Mexico coll. on beach July 18, 1968
- C 105 Rosarita Beach, Baja March 6, 1963 T. Hopkins
- 10 tide
- C 106 Cancer Crab from San Diego Bay, San Diego
County, Calif. January 28, 1953 coll. Paul
W. Johnson
- C 113 Rocky shore S. of Scripps Inst., La Jolla,
Calif. Sept. 23, 1915, California coll.
P.S. Barnhart
- C 117 3 Mi. off La Jolla Beach, Calif. taken in
fisherman's net Dec. 11, 1945
- C 115 La Jolla, Calif. years 1915-1916 (Aug.-Dec.
1915) H.O. Falk coll.
- C 119 MV69-II-10 E. of Bahia San Francquito,
Baja Calif. Norte $28^{\circ}28.4'N$ $112^{\circ}40.5'W$ 174m
3 cham. trap March 5, 1969 R. McConaughey
(SI069-206)
- C 120 Bahia, San Carlos Baja Calif. Norte Sept. 8,
1952 K.S. Norris & party
- C 122 Carlsbad Lagoon, Carlsbad, Calif. otter trawl
E&W May 29, 1957 Kettner
- C 124 SI062-236 S. arm of Bahia de Los Angeles,
Baja Calif. Norte April 26, 1962 ca.
 $28^{\circ}56'N$ $113^{\circ}32'W$ shrimp trawlers 22-37m
R. Rosenblatt
- C 130 SI0 52-219, Hassler Cove, San Martin Id.,
Baja 0-70' depth Sept. 12, 1952 coll. K.
Norns
- C 177 San Diego Bay, Left side of San Diego Yacht
Club (sand bottom) Jan. 28, 1956 coll. Paul
W. Johnson
- C 1119 On beach half buried in sand under Scripps
Pier, La Jolla, Calif. caught live May 17,
1973 1310 hrs. coll. S. Luke
- C 1534 M15 OT-6 off San Onofre, Calif. $33^{\circ}16.6'N$
 $117^{\circ}32.0'W$ $33^{\circ}15.5'N$ $117^{\circ}30.6'W$ 54m 25'
otter trawl March 29, 1974 R/V Agassiz coll.
Matsui, Burnett
- C 1548 M15 OT-8 N. of Dana Pt., Calif. $33^{\circ}32.9'N$
 $117^{\circ}49.2'W$ - $33^{\circ}32.3'N$ $117^{\circ}48.1'W$ 53-48m 40'
otter trawl March 29, 1974 R/V Agassiz
coll. Matsui, Burnett
- C 1550 M15 OT-5 off San Onofre, California
 $33^{\circ}17.0'N$ $117^{\circ}31.2'W$ $38^{\circ}16.2'N$ $117^{\circ}30.0'W$
27m 25' otter trawl March 29, 1974 R/V
Agassiz coll. T. Matsui, B. Burnett
- Cancer gracilis Dana
- C 2216 H51-26 Bahia Todos Santos, Baja Calif.
Norte Feb. 5, 1951 18-22m coll. C. Hubbs
on 'Orca'
- C 139 S. of Punta Canoas - Baja $29^{\circ}20'N$ $115^{\circ}02'W$
Sept. 6, 1952
- C 141 Boulder Patch off Tijuana River 40-70 ft.
Ghelardi, North, Fager
- C 140 SI054-189 & 190 Cryler Cove, San Miguel Is.
Calif. $34^{\circ}03'N$ $120^{\circ}21.5'W$ 4-40 ft. Sept.
16, 1954 C. Hubbs
- C 147 H49-37 off S. Coronado Is., Baja Calif.
Norte, Mex. $32^{\circ}24'36''N$ $117^{\circ}14'W$ 27-15m CAS
dredge Apr. 23, 1949 C. Hubbs on 'Orca'
- C 143 Sand Dollar bed, May 14, 1963 off Scripps
Inst., La Jolla, Calif. coll. P. Wiebe det.
T. Hopkins Cat. XVIII-76
- C 142 Off S. end of Coronado Is., Baja Calif.
27-31m Nov. 27, 1949 coll. C. Hubbs on
'Orca'
- C 146 3 mi. off La Jolla Beach Club, La Jolla,
Calif. taken in fisherman's net Dec. 11,
1945
- C 145 Playa Maria Bay, Baja Calif. 0-10' Sept. 1,
1952 coll. C. Limbaugh
- C 1634 CalCofi 74126/II off San Francisco, Calif.
 $37^{\circ}07.6'N$ $122^{\circ}20.6'W$ - $37^{\circ}08.6'N$ $122^{\circ}23.0'W$
37m 16' otter trawl #2 Dec. 9, 1974 R/V
Agassiz coll. T. Matsui, B. Burnett
- Cancer magister Dana
- C 753 Seventow-Leg 7 Hessler Sta. $44^{\circ}52'15.4'N$
 $174^{\circ}18.8'W$ Korovin Bay, Alaska 35-42m
Epibenthic sled July 22, 1970 R/V Washington
coll. R. Hessler, F. Rokop, S. Luke
- C 1558 M15 OT-16 off Pismo Beach, Calif. $35^{\circ}05.0'N$
 $120^{\circ}47.5'W$ - $35^{\circ}06.2'N$ $120^{\circ}46.6'W$ 70m 25'
otter trawl April 2, 1974 R/V Agassiz
coll. Matsui, Burnett
- Cancer oregonensis (Dana)
- C 3664 DW76-5-5 Alert Bay, Critish Columbia, rock
intertidal Aug. 27, 1976 D. Wilke
- C 123 Friday Harbor, Washington July 1921 coll.
Johnson and Snook
- C 128 Olympic Peninsula, Washington coll. by
David Jensen
- C 138 Dredge material Humbolt Bay, Calif. July
18, 1916 coll. F.B. Sumner
- Cancer jordani Rathbun
- C 98 DFH66-28 Duxbury Reef, Bolinas Bay,
Bolinas, Calif. rocky intertidal May 7,
1966 W. Newman
- C 2153 H48-229 Bahia Descanso, E. of Sugar Loaf
Rock, Baja Calif. ca. $32^{\circ}20'N$ $117^{\circ}05'W$
20-26m pipe dredge Aug. 13, 1948 coll.
C. Hubbs on E.W. Scripps
- C 2158 H48-215-222 S. Coronado Is., Baja Calif.
 $32^{\circ}23'N$ $117^{\circ}11'W$ Aug. 11, 1948 15-55m
pipe stem dredge coll. C. Hubbs on 'E.W.
Scripps'
- C 2217 H51-26 Bahia Todos Santos, Baja Calif.
Norte Feb. 5, 1951 18-22m coll. C. Hubbs
on 'Orca'
- C 2237 No. 233 from head of Monterey Canyon, Calif.
 $36^{\circ}49'N$ $121^{\circ}49'W$ 27-37m Sept. 20, 1938 coll.
F.P. Shepard
- C 2322 H51-27 Bahia Todos Santos, Baja Calif. Norte
ca. $31^{\circ}45'N$ $116^{\circ}40'W$ 37m dredge Feb. 5, 1951
coll. C. Hubbs on 'Orca'
- C 99 From bottom of U.S. Destroyer Base San
Diego, Calif. June 1, 1922
- C 100 False or Mission Bay (foot of Haynes St.)
San Diego, Calif. April 15, 1919
- C 101 Tidepools, Rocks N. of Scripps Pier, La
Jolla July 12, 1958 coll. D. Detrich
- C 108 SI059-307 Pta. Banda, S. side, in Papalote
Bay, Baja Calif. Norte 35' pro-noxfish &
SCUBA Aug. 10, 1959 C. Hubbs
- C 127 H51-24 Bahia Todos Santos, Baja Calif. Norte
 $31^{\circ}44'N$ $116^{\circ}40'W$ 7-13m small trawl Feb. 4,
1951 C. Hubbs on 'Orca'

- C 103 S. Coronado Is., Baja Calif. Norte pipe dredge C. Hubbs Aug. 2, 1948
- C 115 South Coronado Is., Baja Calif. Nov. 9, 1946 pipe dredge coll. C. Hubbs on 'E.W. Scripps'
- C 104 San Diego Bay, left side of San Diego Yacht Club (sand bottom) Jan. 28, 1953 coll. Paul W. Johnson
- C 110 $32^{\circ}52'N$ $117^{\circ}16'W$ Calif. June 27, 1906 (was haul 1145)
- C 111 Off SIO La Jolla, Calif. 40' Scuba March 21, 1969 coll. R. Kiwala
- C 135 Small trawl 1000 ft. off end of SIO pier, La Jolla, Calif. April 29, 1917
- C 134 Off San Diego, Calif. $35^{\circ}52'N$ $117^{\circ}15.9'W$ June 27, 1906 (was haul 1146)
- C 129 Trawling at 18m - Cedros Isl. Sept. 1, 1908 Haul #1631
- C 132 Tip of Pt. Loma, San Diego, Calif. Nov. 14, 1955 coll. Paul W. Johnson cat. 1674
- C 133 Sand dollar beds, La Jolla, Calif. Sept. 22, 1957 coll. C. Limbaugh and M. Rydell
- C 136 Kelp holdfast, La Jolla, Calif. Dec. 4, 1915 coll. H.O. Tank and P.S. Barnhart
- C 137 Dredge haul off Pt. Loma, San Diego, Calif. Nov. 3, 1907
- C 1592 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 1315 Point Loma, San Diego, Calif. Sept. 22, 1968
- Cancer sp.
- C 1914 Baja 69-10 Baja Calif. Sur $26^{\circ}17.7'N$ $113^{\circ}46.2'W$ Feb. 22, 1969 310m pipe dredge w/chain bag R/V Oconostota
- C 2701 Off Scripps Inst. Pier, La Jolla, Calif. $32^{\circ}52'N$ $117^{\circ}15.5'W$ Sept. 25, 1975 dip net surface, commensal on Pelagia noctiluca (Forskal) N. Holland
- C 309 S. of Marine Room, La Jolla, Calif. Intertidal May 20, 1969 coll. T. Cukr
- C 1057 From subumbrellar surface of Pelagia off Carlsbad, California 1972 donated by Envicon Inc., San Diego
- C 1103 SIO72-86 San Luis Obispo, Co., San Simeon about 1/4 mi. N. of Pt. inside edge of Macrocystis bed May 13, 1972 Rotenone & SCUBA 25-35' coll. R. Rosenblatt
- C 1551 ML5 OT-7 off San Clemente, Calif. $33^{\circ}24.5'N$ $117^{\circ}40.6'W$ $33^{\circ}23.4'N$ $117^{\circ}39.5'W$ 64m 25' otter trawl March 29, 1974 R/V Agassiz coll. Matsui, Burnett
- C 1635 CalCofi 74126/II off San Luis Obispo, Calif. $35^{\circ}50.5'N$ $121^{\circ}29.0'W$ $35^{\circ}48.8'N$ $121^{\circ}28.0'W$ 99m 16' otter trawl #3 Dec. 10, 1974 R/V Agassiz coll. Matsui, Burnett
- C 131 H49-167a,b,c E. end of Coronado Is., Baja Calif. Norte ca. $32^{\circ}24'N$ $117^{\circ}12'W$ 27-31m CAS pipe dredge Nov. 27, 1949 'Orca' C. Hubbs
- Family Xanthidae
- Carpilius corralinus Herbst
- C 935 TEPE 70-30 Agualargana Is. Holandes Cay, San Blas, Panama, $09^{\circ}35'54"N$ $78^{\circ}46'58"W$ 0-60 ft. Scuba on coral Sept. 27, 1970 R/V Alpha Helix coll. Newman, Dana, Luke
- Carpilodes sp.
- C 54 SIO62-58 Maria Magdalena Is., Tres Marias Is., Mex. $21^{\circ}23.8'N$ $106^{\circ}24.4'W$ 0-20 ft. rotenone & diving Aug. 23, 1961 F.H. Berry (6108B-58)
- Actaea setigera (Milne Edwards)
- C 917 TEPE 70-30 Agualargana Is., Holandes Cay, San Blas, Panama, $09^{\circ}35'54"N$ $78^{\circ}46'58"W$ 0-60 ft. Scuba on coral Sept. 27, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- C 72 Clipperton Island, Oct. 20, 1956, C. Limbaugh et al.
- Glyptoxanthus labyrinthicus (Stimpson)
- C 62 Punta Penasco, Sonora, Mexico April 22, 1951
- Daira americana Stimpson
- C 901 TEPE 70-13 Islas Ladrones, Panama $07^{\circ}52.20'N$ $82^{\circ}27.75'W$ Sept. 19, 1970 R/V Alpha Helix coll. Newman, Dana, Luke intertidal & in cave, scuba & chemfish
- Medaeus lobipes Rathbun
- C 47 B6411-3 TR#112 between Pta. Lobos & Pta. Marguis, Baja Calif. Sur, Mexico $23^{\circ}34'N$ $110^{\circ}23'W$ 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas (SIO64-867)
- C 50 SIO64-870 between Pta. Lobos & Pta. Marquis, Baja Calif. $23^{\circ}47'N$ $110^{\circ}46'W$ 64m 16' otter trawl Nov. 10, 1964 R/V B. Douglas (B6411-6)
- Cycloxyanthops novemdentatus (Lockington)
- C 298 MV67-IB-7 off N.E. anchorage, Isla Guadalupe, Mex. $29^{\circ}09.7'N$ $118^{\circ}16.8'W$ 10m 3 chamber trap May 1-2, 1967 R/V E.B. Scripps R. McConaughey (SIO67-76)
- C 303 SIO59-354 Bird Rock, San Diego, Calif. 600' wall net & SCUBA 40-45 ft. Sept. 25, 1959 C. Hubbs
- C 290 Acc 1238 off Scripps Pier SIO, La Jolla, Calif. Dec. 29, 1967
- C 291 Acc 1060 Spanish Blight and Beach, foot of jetty, San Diego Bay Dec. 21, 1915 coll. P.S. Barnhart
- C 293 Shell Beach, 20' Calif. July 23, 1964 under rocks
- C 295 Acc 1210 La Jolla Beach & Tennis Club, La Jolla, Calif. April 15, 1966
- C 296 Acc 1210, La Jolla Beach & Tennis Club, La Jolla, Calif. April 15, 1966
- C 1802 'ECCE' BT-22 Bahia Tortugas, Baja Calif. $27^{\circ}41'N$ $114^{\circ}53'W$ upper mid-intertidal July 31, 1975 coll. Hemingway, Luke
- C 1752 'ECCE' BT-23 rocky point 1 mi. E. of town, Baja Tortugas, Baja Calif. July 31, 1975 $27^{\circ}41'N$ $114^{\circ}53'W$ SCUBA 10-15 ft. coll. Hemingway, Luke
- C 299 Acc 1400 from tip of Pt. Loma, San Diego County, Calif. Nov. 5, 1955 coll. P.W. Johnson
- C 301 N. Bird Rock, La Jolla, Calif. Intertidal Jan. 2, 1969 coll. T. Cukr, F. Rokop
- C 302 Tidepools S. of Marine Room, La Jolla, Calif. April 18, 1969 coll. P. Wood
- C 304 Acc 1554, Quast Rock, La Jolla, Calif. July 29, 1959
- C 311 South of Marine Room, La Jolla, Calif. Intertidal May 20, 1969 coll. T. Cukr
- C 738 Dana Point, Calif. N. San Clemente from excavated marina site. Now subtidal May 13, 1969 coll. T. Cukr, F. Rokop
- C 1705 Bird Rock, La Jolla, Calif. hand collected rocky intertidal lowtide 0530 June 26, 1975 coll. Harry Phillips
- Cycloxyanthops vittatus (Stimpson)
- C 3063 SIO61-225 Cabo San Lucas, Baja Calif. Sur Mexico $22^{\circ}52'32"N$ $109^{\circ}53'52"W$ 0-20 ft. rotenone & SCUBA June 12, 1961 R. Rosenblatt

- C 1054 RR65-11 (SI065-265) Isla San Jose
24°52'25"N 110°37.0'W S. side of Isl. 20'
chemfish-SCUBA July 7, 1965 coll. R. Rosenblatt
- C 297 SI065-330 Ildefonso Is., S. end, Baja Calif.
Sur 26°38'N 111°26.5'W 0-40 ft. chemfish &
SCUBA July 19, 1965 R. Rosenblatt (RR65-76)
- Cycloanthrops cf. vittatus (Stimpson)
- C 294 Acc 1410 Reef N. of SIO Pier, La Jolla,
Calif. July 3, 1946 coll. Sam Hinton
- C 292 Acc 1212 off Pt. Tosca, Magdalena Bay,
Baja Calif. Sur Mexico 67-75' Feb. 3, 1964
- Cycloanthrops sp.
- C 300 6111B-43 Pta. Entrada, Magdalena Bay, Baja
Calif. Sur 24°32.5'N 112°04.8'W 0-40 ft.
rotenone & SCUBA Dec. 1, 1961 J. Stewart
(SI062-131)
- Leptodius occidentalis (Stimpson)
- C 3527 Coyote Bay, Bahia Concepcion, Baja Calif.
Sur, Mexico ca. 26°40'N 111°50'W Apr. 16,
1974
- C 45 SI062-228 S. arm of Bahia de Los Angeles,
Baja Calif. Norte 28°55.6'N 113°33.8'W 6'
chemfish April 24, 1962 C. Hubbs
- C 42 SI062-231 E. side of Pta. Arenas, Bahia de
Los Angeles 28°59.9'N 113°34'W 6m 150' bag
seine Apr. 25, 1962 C. Hubbs
- C 44 San Felipe, Baja Calif., Golfo de Calif.
under rocks, N. of town April 4, 1963 det.
by T. Hopkins
- C 65 Beach North of Northern fishing camp of San
Luis Gonzaga Baja Calif. Norte, Mexico, May
1961 coll. C. Hubbs
- C 71 Gulf of Calif., Baja Calif. Mexico ca. 13
miles South of San Felipe rocky tide pools
March 16, 1968 F. Rokop, coll.
- C 81 Puerto Penasco S. of Rocky Pt. Golfo de
Calif. Mexico tidepools 0630 Calif. May 30,
1969 coll. T. Cukr
- C 89 SI065-289 Agua Verde Bay, Baja Calif. Sur
Mexico 25°31.2'N 111°04.8'W 0-10 ft. nox-
fish & skindiving July 11, 1965 B. Walker
(SI065-289)
- C 1773 'ECCE' MEPA-16A Esterode Pta. Abreojos,
Baja Calif. 26°47.5'N 113°56'W magrove
lagoon upper July 26, 1975 coll. Hemingway,
Luke
- C 2056 RR65-30 near Pta. San Telmo, Baja Calif.
25°18'N 110°57.5'W July 10, 1965 0-10 ft.
noxfish & snorkel rocky coll. B. Walker
- C 2407 RR65-55 Bahia Santa Inez, Baja Calif. Sur
27°56.5'N 112°00.5'W 0-5 ft. noxfish July
14, 1965 B. Walker
- C 2653 RR65-42 Agua Verde Bay, Baja Calif. Sur
25°30.7'N 111°04.2'W 5-ft. noxfish July 12,
1965 (SI065-296) B. Walker
- C 2772 El Regueson, S. of Mulege, Baja Calif. Sur
Mexico ca. 26°50'N 112°W among rocks near
mangroves Mar. 26, 1975 R. Bauer
- Leptodius floridanus (Gibbes)
- C 925 TEPE70-35 S.E. end of Niaklubir Is.,
Holandes Cay, San Blas, Panama 0-4 ft.
09°35'07"N 78°44'27"W Oct. 7, 1970 R/V
Alpha Helix col.. Newman, Dana Luke
- Leptodius sp.
- C 2775 El Regueson, S. of Mulege, Baja Calif. Sur,
Mexico ca. 26°50'N 112°W among rocks near
mangroves Mar. 26, 1975 R. Bauer
- C 2474 San Ignacio Lagoon, Baja Calif. Sur, Mexico
ca. 26°45'N 113°12'W rocky intertidal hand
coll. March 23, 1976 S. Luke
- C 85 SI060-390 Magdalena Bay, N. side of Margarita
Is., Baja Calif. Sur ca. 30-60 ft. 10' otter
trawl Aug. 24, 1960 6008-B F.H. Berry
- C 75 SI062-235 Bahia de Los Angeles, Baja Calif.
Sur, Mexico 29°01.1'N 113°35.2'W 1-1/2m
chemfish April 26, 1962 sand beach C. Hubbs
- Xanthodius stimpsoni (Milne-Edwards)
- C 67 SI061-225 RR61-3 Cabo San Lucas, Baja Calif.
Sur, Mexico 22°52'32"N 109°53'52"W 0-20 ft.
rotenone & SCUBA June 12, 1961 R. Rosenblatt
- C 61 Inside Pt. Tosca Lagoon, Magdalena Bay, Baja
Calif. 10-20' Feb. 4, 1964
- Xanthodius hebes Stimpson
- C 48 N. end of Algodones Bay, N. of San Carlos
Bay, Sonora, Mexico March 1968 J. McCosker
- C 2055 RR65-30 Near Pta. San Telmo, Baja Calif.
25°18'N 110°57.5'W July 10, 1965 0-10 ft.
noxfish & snorkel rocky coll. B. Walker
- C 69 RR65-37 Agua Verde Bay, Baja Calif. Sur,
Mexico 25°31'N 111°04'W 10-15 ft. chemfish
& SCUBA July 11, 1965 R. Rosenblatt (SI065-291)
- Xanthodius denticulatus (White)
- C 926 TEPE70-35 S.E. end of Niaklubir Is.,
Holandes Cay, San Blas, Panama 0-4 ft.
09°35'07"N 78°44'27"W Oct. 7, 1970 R/V
Alpha Helix coll. Newman, Dana, Luke
- Lophopanopeus bellus (Stimpson)
- C 284 DFH66-28 Duxbury Reef, Bolinas Bay,
Bolinas, Calif. rocky intertidal May 7,
1966 W. Newman
- C 287 No data
- C 289 Duxbury Reef, Bolinas Bay, Calif.
- C 283 Acc 1396 Pacific Grove, Calif. Feb. 1921
coll. M. Johnson
- Lophopanopeus cf. bellus (Stimpson)
- C 740 Dana Point, Calif. N. San Clemente from
excavated marina site. Now subtidal May 13,
1969 coll. T. Cukr
- Lophopanopeus diegensis Rathbun
- C 278 Acc 1412 La Jolla canyon rim La Jolla,
Calif. 12'-30' and 60' Sept. 8, 1955
- C 277 Acc 1557 Mission Bay, Calif. San Diego
March 16, 1903 Cat. XVIII-80 Det. T.
Hopkins
- C 276 Acc 1145 Coronado Beach, Calif. March 26,
1908 coll. M. Johnson
- C 271 Off Palos Verdes peninsula, L.A. County,
intertidal June 6, 1969 coll. R. Kiwala,
R. Gregg
- Lophopanopeus frontalis (Rathbun)
- C 667 MV68-I-29 Baja Calif. Mexico 45-65 fms.
24°24.3'-24°25.6'N 110°23.7'110°25.5'W
W. of Isla del Espiritu Santo, Bahia de La
Paz, 82-119m 40' otter trawl, Jan. 12,
1968 coll. C. Hubbs Faith Sweeny eye -
68-152-D Sp 152D
- C 279 Acc 1058 Pier Pilings. San Diego Bay, Calif.
Dec. 6-7, 1915 coll. H.O. Falk
- Lophopanopeus heathii Rathbun
- C 274 DFH66-28 Duxbury Reef, Bolinas Bay, Bolinas
Calif. rocky intertidal May 7, 1966
W. Newman
- C 275 Acc 1396 Pacific Grove, Calif. Feb. 1921
coll. Myrtle Johnson
- C 273 Acc 1223 Pt. Loma, Calif. March 7, 1963
Cat. XVIII-83 Det. T. Hopkins
- Lophopanopeus leucomanus (Lockington)
- C 270 Off Pt. Loma, Restricted military area,
tidepools April 11, 1969 coll. T. Cukr
- C 288 Dec. 2, 1958 from HF #15 Sample 6
- C 286 Acc 1557 Mission Bay Channel March 16,
1963 Det. T. Hopkins

- C 285 Acc 1219 Rosarita Beach, Baja Calif. Norte Mexico 1 mi. South under rock tidepools T.H. Hopkins
- C 282 Acc 1057 Kelp holdfast La Jolla, Calif. Dec. 4, 1915 coll. H.O. Falk and P.S. Barnhart
- C 281 Acc 1116 La Jolla, Calif. Aug.-Dec. 1915 coll. H.O. Falk
- C 280 Acc 1053 Mission Bay, San Diego. Cold oyster bed near inlet. Nov. 18, 1915
- Lophopanopeus lockingtoni Rathbun
- C 758 Scripps sea water system, La Jolla, Calif.
- C 272 Sea water filter system. Scripps Aquar. La Jolla, Calif. Mar. 19, 1969 coll. C. Farwell
- Lophopanopeus sp.
- C 1589 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- Panopeus sp.
- C 74 Puerto Penasco, Sonora, Mexico S. of Rocky Pt., tidepools May 30, 1969 0530 T. Cukr
- C 82 Off Mazatlan Mexico May 6, 1959
- C 86 SIO61-268 Espiritu Santo Is., Isla Partida, Baja Calif. Sur $24^{\circ}32.6'N$ $110^{\circ}23'W$ 1-3 ft. noxfish June 23, 1961 B. Walker (RR61-46)
- C 1788 'ECCE' EC-19 Esterode Coyote, Baja Calif. Sur $26^{\circ}49'N$ $113^{\circ}31.5'W$ intertidal $26^{\circ}49'N$ $113^{\circ}31.5'W$ coll. Hemingway, Luke
- C 1903 'ECCE' MEPA-16A Esterode Pta. Abreojos Baja Calif. mangrove lagoon, upper intertidal $26^{\circ}47.5'N$ $113^{\circ}56'W$ July 26, 1975 coll. Hemingway, Luke
- cf. Hexapanopeus cf. orcutti Rathbun
- C 1312 SIO67-133 Ensenada camp N. of San Felipe, Baja Calif. ca. $31^{\circ}N$ $114^{\circ}48'W$ 0-2 ft. May 22-23, 1966 hand net coll. D. Hoese
- Eurypanopeus ovatus (Benedict & Rathbun)
- C 88 No information
- Eurypanopeus transversus (Stimpson)
- C 84 Mangrove lagoon & Bch Punta Abreojos, Baja Calif. Sur Jan. 26, 1964
- Eurypanopeus sp.
- C 83 SIO62-721 N. end of Bahia Magdalena, Baja Calif. Sur ca. $24^{\circ}49'N$ $112^{\circ}02.5'W$ 0-4 ft. chemfish Dec. 7, 1962 F.H. Berry (B6212-21)
- Eurytium affine (Streets & Kingsley)
- C 1333 Ensenada Camp N. of San Felipe, Baja Calif. Mexico ca. $31^{\circ}N$ $114^{\circ}48'W$ Aug. 1965 intertidal
- C 2771 El Regueson, S. of Mulege, Baja Calif., Sur, Mexico ca. $26^{\circ}50'N$ $112^{\circ}W$ among rocks near mangroves Mar. 26, 1975 R. Bauer
- C 53 March 1968, Gulf of Calif. 13 miles S. of San Felipe, Baja Calif., Mexico intertidal coll. F. Rokop
- Micropanope areolata Rathbun
- C 90 MV68-I-35 Bahia Santa Inez, Baja Calif. Sur $26^{\circ}56.5'N$ $111^{\circ}58'W$ 37m otter trawl Jan. 14, 1968 R/V T. Washington C. Hubbs
- Micropanope xantusii (Stimpson)
- C 76 Clipperton Island, October 20, 1956 C. Limbaugh
- C 78 Cape San Lucas, Baja Calif. Sur Mexico 0-160' Aug. 20, 1957 id North
- cf. Micropanope
- C 1107 MV73-I-1 La Paz Pier, B.C. Mexico $24^{\circ}11'46"N$ $110^{\circ}18'07"W$ March 29, 1973 from pier pilings coll. C. Hubbs, S. Luke
- Paraxanthias taylori (Stimpson)
- C 1588 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 1911 Just S. of La Jolla Beach & Tennis Club, La Jolla, Calif. Feb. 2, 1970 intertidal coll. R. Bauer
- C 70 SIO54-222 S. end of Guadalupe Is., 49-37m Nov. 18, 1954 pipe dredge C. Hubbs 'Orca'
- C 46 No information
- C 49 SIO, La Jolla, Calif. Scuba diving depth: unknown Jan. 1969 coll. R. Kiwala
- C 58 From the tip of Pt. Loma, San Diego County, Calif. Oct. 31, 1955 coll. Paul Johnson San Diego Area Feb. 23, 1963 det. T. Hopkins Cat. XVIII-78
- C 64 Off SIO 40' La Jolla, Calif. Mar. 27, 1969 coll. R. Kiwala
- C 66 S. of Marine Room, intertidal La Jolla Calif. May 20, 1969 coll. T. Cukr
- C 68 La Jolla sand dollar beds SIO pier, La Jolla, Calif. Sept. 4, 1957 (depth 30' 40') coll. C. Limbaugh
- C 736 Dana Point Calif., N. San Clemente from excavated Marina site. Now subtidal May 13, 1969 coll. T. Cukr, F. Rokop
- Paraxanthias cf. taylori (Stimpson)
- C 382 Farnsworth Ridge near Catalina Is. Oct. 9, 1969 coll. Kiwala & Wilke 100 ft.
- Menippe frontalis A. Milne-Edwards
- C 55 S. end of Bay, San Blas, Nayarit, Mexico 10 ft. March 21, 1968 T. Dana
- Pilumnus gonzalensis Rathbun
- C 246 Puerto Penasco, Golfo de Calif. Mexico tidepools Oct. 19, 1968 0700 PST coll. T. Cukr
- cf. Pilumnus cf. gonzalensis Rathbun
- C 1335 Ensenada Camp N. of San Felipe, Baja Calif. Mexico ca. $31^{\circ}N$ $114^{\circ}48'W$ Aug. 1965 intertidal
- Pilumnus limosus Smith
- C 746 Puerto Penasco Gulfo de Calif. Mexico tidepool Oct. 9, 1968 coll. T. Cukr
- Pilumnus spinohirsutus (Lockington)
- C 1590 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 742 Dana Point, Calif. N. San Clemente from excavated Marina site, now subtidal May 13, 1969 coll. T. Cukr, F. Rokop
- C 264 Acc 1550 Knepler shoat, Pt. Abreojos, Baja Calif. Mexico 50-60' Feb. 9, 1964
- C 263 Acc 1224, Rosarita Beach, Baja Calif. Norte Mexico Mar. 6, 1963 XVIII-3007
- C 262 Off SIO La Jolla, Calif. April, 1969
- C 261 Seawater filter system Scripps Aquar. La Jolla, Calif. Jan. 26, 1969 coll. C. Farwell
- C 260 In seawater filter system Scripps Aquar. La Jolla, Calif. Jan. 15, 1969 coll. C. Farwell
- C 259 Acc 1554 Quast Rock, La Jolla, Calif. July 29, 1959 Quan #1
- C 258 Acc 1000 tidepools N. of Scripps pier, La Jolla, Calif. Jan. 28, 1915 coll. P.S. Barnhart
- C 257 Acc 1218 Mission Bay, San Diego, Calif. Mar. 30, 1963 Det. T. Hopkins
- C 256 Seawater system filter. Scripps Aquar. La Jolla, Calif. Jan. 30, 1969 coll. C. Farwell Id. T. Cukr
- C 252 Acc 1470 tidepools N. of SIO pier, La Jolla, Calif. Jan. 26, 1960 coll. S. Hinton
- C 250 Acc 1045 La Jolla pier pilings, Nov. 6, 1915
- C 248 SIO H48-87 Laguna Coyote, near Punta Abreojos Baja Calif. Sur Feb. 14, 1948 C.L. Hubbs & pty

- Pilumnus stimpsonii Miers
- C 1305 SI068-242 5 mi. N.W. of Guaymas, Sonora, Mexico ca. $27^{\circ}58'N$ $111^{\circ}00'W$ April 12, 1968 0-4 ft. chemfish & handnets coll. D. Hoese
- C 251 SI068-166 Algodones Bay, N. of San Carlos Bay, Sonora, Mexico 10 ft. in Porites March 17, 1968 J. McCosker
- Pilumnus townsendi Rathbun
- C 255 SI062-212 E. side of Isla Cerraja, Bahia de Los Angeles, Baja Calif. Sur $29^{\circ}00'N$ $113^{\circ}34'W$ 0-20 ft. chemfish April 19, 1962 C. Hubbs
- C 247 Puerto Penasco Golfo de Calif. Mexico tidepools Oct. 19, 1968 0700 PST coll. T. Cukr
- C 245 Acc 1246 La Paz, Baja Calif. Mexico Dec. 15, 1959 coll. Lemehe
- C 244 N. of Bird Rock, La Jolla, Calif. intertidal Jan. 2, 1969 coll. T. Cukr, F. Rokop
- C 243 Acc 1612 SI060-390 Magdalena Bay, N. side Margarita Is., Baja Calif. Sur Mexico 30'-60' otter trawl Aug. 24, 1960
- C 242 Acc 1217 Mag. Bay E-4, Baja Calif. Sur Mangrove channel N. of Bahia Magdalena S.W. of Devils Bend
- Pilumnus xantusii (Stimpson)
- C 254 HF6C July 18, 1958
- Pilumnus sp.
- C 308 S. of Marine Room, La Jolla, Calif. intertidal May 20, 1969 coll. T. Cukr
- C 253 Acc 1574 off Mazatlan, Mexico May 6, 1959
- C 249 SI061-185 Bahia de Los Angeles, Baja Calif. Norte $28^{\circ}56.3'N$ $113^{\circ}34.3'W$ 2-1/2 ft. noxfish May 4, 1961 C. Hubbs
- C 2087 DoDo 7 Hon Trung Lon Nov. 11, 1964 1030-1135 coll. T. Matsui
- Heteractaea lunata (Milne-Edwards & Lucas)
- C 43 Cape San Lucas, Baja Calif. Sur, Mexico 0-160' Aug. 20, 1957 id North
- Eriphia squamata Stimpson
- C 60 Puerto Penasco, Sonora, Mexico tidepools May 30, 1969 0630 T. Cukr
- C 2054 RR65-30 near Pta. San Telmo, Baja Calif. $25^{\circ}18'N$ $110^{\circ}57.5'W$ rocky 0-10' noxfish & snorkel July 10, 1965 coll. B. Walker
- C 51 RR65-35 Aqua Verde Bay, Baja Calif. Sur Mexico $25^{\circ}31.2'N$ $111^{\circ}04.8'W$ 0-10' noxfish & skindiving July 11, 1965 B.W. Walker (SI065-289)
- C 52 SI058-148 Bahia de Los Angeles, Baja Calif. Norte, Mexico April 16, 1957 tidepools R. Martin
- C 56 San Felipe, Baja Calif. Golfo de Calif. under rodes N. of town April 7, 1963 det. by Hopkins
- C 57 Magdalena Bay, Baja Calif. Mexico April 2, 1920 Acc 1551
- C 59 Puerto Penasco, Sonora, Mexico tidepools 0700 Oct. 19, 1968 T. Cukr
- C 881 TEPE70-5 N. shore Isla Jicaron, Panama $07^{\circ}17'20"N$ $81^{\circ}47'15"W$ 1-2' tidepools chemfish-Scuba Sept. 16, 1970 R/V A. Helix coll. W. Newman, T. Dana, S. Luke
- C 890 TEPE70-8 Pta. Fea, Bahia Damas, Isla Coiba $07^{\circ}23'35"N$ $81^{\circ}38'45"W$ Chemfish-Scuba intertidal Sept. 17, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- C 1330 Ensenada Camp N. of San Felipe, Baja Calif. Mexico ca. $31^{\circ}N$ $114^{\circ}48'W$ Aug. 1965 intertidal
- Domecia hispida Eydoux & Souleyet
- C 1031 Socorro Is., Mexico, Bahia Cornwallis S.E. side of Is. 5-20 ft. SCUBA living in coral Feb. 19, 1972 coll. R. Kiwala
- Trapezia cymodoce ferruginea Latreille
- C 882 TEPE70-5 N. Shore Isla Jicaron, Panama $07^{\circ}17'20"N$ $81^{\circ}47'15"W$ 1-2' tidepools chemfish - Scuba Sept. 16, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- C 895 TEPE70-12 Islas Ladrones, Panama $07^{\circ}52'N$ $82^{\circ}27'W$ on floating debris Sept. 19, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke (one individual is extreme variation)
- C 900 TEPE70-13 Islas Ladrones, Panama $07^{\circ}52'20"N$ $82^{\circ}27.75'W$ Sept. 19, 1970 intertidal & in cave, chemfish & Scuba R/V Alpha Helix coll. Newman, Dana, Luke
- C 912 TEPE70-17 Islas Secas, N.E. bays of Isla Callada $07^{\circ}59.3'N$ $82^{\circ}01.5'W$ intertidal Scuba Sept. 23, 1970 R/V Alpha Helix coll. W.A. Newman, T. Dana, S. Luke
- C 1032 Socorro Is., Mexico, Bahia Cornwallis S.E. side of Is. 5-20' Scuba living in coral Feb. 19, 1972 coll. R. Kiwala
- Trapezia digitalis Latreille
- C 267 Acc 1562 associated with stony coral, Cabo San Lucas, Baja Calif. Mexico skin diving 20 ft. March 24, 1964
- Trapezia sp.
- C 268 Trop. Pac. Midway Lagoon 20 ft. Dec. 11, 1953
- C 269 6108B-19 Tres Marias Is., Maria Madre Is., Mexico $21^{\circ}31'N$ $106^{\circ}33'W$ 0-25 ft. poison & SCUBA Aug. 15, 1961 F.H. Berry (SI062-19)
- C 266 Acc 1276 Midway lagoon 20 ft. (1600) Trop. Pac. Nov. 11, 1953
- C 2716 Eniwetok Atoll, Marshall Is., $11^{\circ}22.5'N$ $162^{\circ}25'E$ rotenone & SCUBA 0-25 ft. 1972-1974 R. Nolan (RSN)
- C 265 From coral head, Cape San Lucas, Baja Calif. Mexico shallow water SCUBA April 1968 coll. R. McConaughey
- Quadrella nitida Smith
- C 1197 MV73-I-95 Golfo de Nicoya, Costa Rica $09^{\circ}27.5'N$ $84^{\circ}21.7'W$ $09^{\circ}28.3'N$ $84^{\circ}24.2'W$ 26-24m 25' otter trawl April 22, 1975 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1661 TEPE70-7 Isla Jicaron, Panama $07^{\circ}15.7'N$ $81^{\circ}45.3'W$ Sept. 16, 1970 64m rock dredge R/V A. Helix coll. W. Newman, S. Luke
- Gen. Indet.
- C 79 MV65-I-29 Bahia Asuncion $27^{\circ}02'N$ $114^{\circ}21'W$ 113m 45' otter trawl June 21, 1965 coll. R. Wisner, A. Stover
- C 87 No information
- C 936 TEPE70-7 off Pta. David, Isla Jicaron, Panama $7^{\circ}15.7'N$ $81^{\circ}45.3'W$ Sept. 16, 1970 rock dredge 200 ft. terrace 64m R/V Alpha Helix coll. Newman, Dana, Luke living on rock with bryozoans
- C 1117 MV73-I-2 N.E. of Maria Madre Is., Tres Marias Is., Mexico March 30, 1973 82-88m 25' otter trawl $22^{\circ}00'N$ $106^{\circ}16'W$ R/V Agassiz coll. C. Hubbs, S. Luke
- C 1126 MV73-I-8 N.E. of Isla Maria Madre, Tres Marias Is., Mexico $21^{\circ}56.1'N$ $106^{\circ}12.2-10'W$ 55m 40' otter trawl March 31, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1137 MV73-I-23 Pta. Lizardo, Michoacan, Mexico $18^{\circ}05.2'N$ $102^{\circ}56.0'W$ $18^{\circ}07.2'N$ $103^{\circ}00'W$ 75-70m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1155 MV73-I-9 N.E. of Is. Maria Madre $21^{\circ}57.0'N$ $106^{\circ}10.0'W$ $21^{\circ}56.0'N$ $106^{\circ}11.0'W$ 51m 40' otter trawl March 31, 1973 R/V Agassiz coll. Carl Hubbs, S. Luke

- C 1267 MV73-I-39 N.E. Shore of Golfo de Tehuantepec, Mexico $14^{\circ}42.0'N$ $92^{\circ}54.1'W$ $14^{\circ}44.0'N$ $92^{\circ}56.0'W$ 55m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1278 MV73-I-38 Golfo de Tehuantepec, Mexico $15^{\circ}30.0'N$ $93^{\circ}22.0'W$ $15^{\circ}31.0'N$ $93^{\circ}23.1'W$ 22m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1282 MV73-I-37 Golfo de Tehuantepec, Mexico $15^{\circ}24.8'N$ $93^{\circ}33.3'W$ $15^{\circ}25.6'N$ $93^{\circ}34.1'W$ 46-48m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1286 MV73-I-12 Bahia Chamela, Mexico $19^{\circ}32.5'N$ $105^{\circ}10.5'W$ $19^{\circ}35.0'W$ $105^{\circ}11.0'W$ 66-71m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1316 San Diego, Calif. Point Loma Sept. 22, 1968
- C 1336 Ensenada Camp N. of San Felipe, Baja Calif. Mexico ca. $31^{\circ}N$ $114^{\circ}48'W$ Aug. 1965 intertidal
- C 1375 MV73-I-67 N. Nicaragua $12^{\circ}41.2'N$ $87^{\circ}43.0'W$ $12^{\circ}43.0'N$ $87^{\circ}46.6'W$ 59-53m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1388 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 1389 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 3527 Coyote Bay, Bahia Concepcion, Baja Calif. Sur, Mexico ca. $26^{\circ}40'N$ $111^{\circ}50'W$ April 16, 1974
- C 1390 Yvonne Is., near bomb craters Cactus and La Crosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 1391 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 1392 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 1393 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 1408 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetok Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 1607 Mission Bay, San Diego, Calif. hotel pier pilings, intertidal hand collection Feb. 6, 1974 coll. S. Luke
- C 1432 MV68-I-29 W. of Isla del Espiritu Santo, Bahia de La Paz $24^{\circ}24.5'N$ $110^{\circ}23.7'W$ $24^{\circ}25.6'N$ $110^{\circ}25.5'W$ 82-119m 40' otter trawl Jan. 12, 1968 R/V T. Washington coll. C. Hubbs
- C 1669 TEPE70-3 Panama, Pacific side $07^{\circ}19.1'N$ $81^{\circ}45.2'W$ $07^{\circ}19.3'N$ $81^{\circ}45.6'W$ 22-31m Rock Dredge Sept. 15, 1970 R/V A. Helix coll. W. Newman, S. Luke
- C 1912 MV73-I-94 Golfo de Nicoya, Costa Rica $09^{\circ}37.5'N$ $84^{\circ}50'W$ 25' otter trawl 86m April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1910 RR65-14 (SI065-275) Canalde San Jose, Golfo de Calif., Baja Calif. $24^{\circ}59.8'N$ $110^{\circ}42.9'W$ 210m 40' otter trawl July 8, 1965 coll. R. Rosenblatt
- C 1967 Lusiad Expedition LSD H-17 dredge ca. $04^{\circ}30'S$ $54^{\circ}30'E$ Seychelles Is. Oct. 19, 1962 coll. G. Shor R/V Horizon
- C 1965 Dodo 7 Hong Trung Noh, Southern Cambodia $08^{\circ}21'N$ $104^{\circ}38'E$ Nov. 11, 1964 0830-1000 tidepool shore collection T. Matsui SI065-44
- C 1961 Lusiad Exped. LSD H-16 dredge $04^{\circ}31'S$ $54^{\circ}30'E$ Seychelles Is. Oct. 19, 1962 coll. G. Shor R/V Horizon SI063-150
- C 2039 RR65-69 Carmen Is., Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ N. end of Pt. Lobos 0-20' noxfish July 17, 1965 coll. B. Walker (SI065-323)
- C 2063 El Golfo II BT-150 Banderas Bay, Mexico $20^{\circ}44'N$ $105^{\circ}24.6'W$ June 2, 1965 95 ft. 20' otter trawl coll. T. Matsui
- C 2187 6108B-60 Tres Marias Is., Mexico $21^{\circ}28'N$ $106^{\circ}31'W$ 114-133 ft. 10' otter trawl #14 Aug. 23, 1961 coll. F.H. Berry
- C 2149 Japanyon (JYN) III-50 off Yokohama, Japan $34^{\circ}53.5'N$ $139^{\circ}45.25'E$ 460m dredge July 17, 1961 coll. Shepard on 'S.F. Baird'
- C 2232 SB-51 Tombola at S.W. tip of Isla San Jose ca. $24^{\circ}45'N$ $110^{\circ}35'W$ intertidal April 15, 1960 coll. A. Flechsig on 'Orca'
- C 2247 SB-39 beach 5 mi. N. of Guaymas, Sonora, Mexico ca. $27^{\circ}55'N$ $111^{\circ}W$ intertidal April 10, 1960 coll. A. Flechsig on 'Orca'
- C 2375 Capricorn Sta. 74 Tongotabu, in harbor $175^{\circ}10'W$ $21^{\circ}10'S$ intertidal Dec. 26, 1952 R/V Horizon Martin Johnson
- C 2371 Capricorn Sta. 35 Ocean Is., S.E. reef $00^{\circ}52'S$ $169^{\circ}35'E$ intertidal +3 under rocks R/V Horizon Nov. 30, 1952 Martin Johnson
- C 2430 DFH66-9 Port Arkansas, Texas, off Institute off Marine Science Pier tide trap summer 1964 D.F. Hoese
- C 2482 Capricorn 76 on edge of rise $20^{\circ}36'S$ $174^{\circ}57.5'W$ dredge 70m Dec. 27, 1952 1420 R/V Horizon Martin Johnson
- C 2699 Capricorn Haul #34 S.E. reef, Ocean Island $00^{\circ}52'S$ $169^{\circ}35'E$ intertidal on broken coral Nov. 30, 1952 R/V Horizon M.W. Johnson
- C 2715 Eniwetok Atoll, Marshall Is., $11^{\circ}22.5'N$ $162^{\circ}25'E$ rotenone & SCUBA 0-25 ft. 1972-1974 R. Nolan (RSN)
- C 2714 Eniwetok Atoll, Marshall Is., $11^{\circ}22.5'N$ $162^{\circ}25'E$ rotenone & SCUBA 0-25 ft. 1972-1974 R. Nolan (RSN)
- C 3652 CIRCE Rodrigues Is., Indian Ocean $19^{\circ}43'S$ $63^{\circ}30'E$ hand collect. 12-15 ft. Montipora reef Aug. 29, 1968 Donovan
- C 3541 S.B. #27-35 Bahia de Los Angeles, Baja Calif. Norte core samples 9-55 ft. Apr. 7-9, 1960 M/V 'Orca'

Family Goneplacidae

Trizocarcinus dentatus (Rathbun)

- C 312 MV68-I-37 Bahia Santa Ines, Baja Calif. Sur, Mexico $26^{\circ}58'N$ $111^{\circ}40'W$ 62m 41' otter trawl Jan. 14, 1968 R/V T. Washington C. Hubbs

C 314 MV68-I-29 Bahia de La Paz, Baja Calif. Sur Mexico $24^{\circ}25'N$ $110^{\circ}25'W$ 82-119m 40' otter trawl Jan. 12, 1968 R/V T. Washington C. Hubbs

C 313 RR65-50 & 51 Bahia Santa Inez, Baja Calif. Sur, Mexico $26^{\circ}59'N$ $111^{\circ}58'W$ 40-82m 40' otter trawl July 14, 1965 C. Hubbs

cf. Gonoplax

C 1293 MV73-I-12 Bahia Chamela, Mexico $19^{\circ}32.5'N$ $105^{\circ}10.5'W$ $19^{\circ}35.0'W$ $105^{\circ}11.0'W$ 66-71m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

Specocarcinus californiensis (Lockington)

C 323 SIO62-236 S. arm of Bahia de Los Angeles, Baja Calif. ca. $28^{\circ}56'N$ $113^{\circ}32'W$ 22-37m shrimp trawlers April 26, 1962 R. Rosenblatt

C 660 $32^{\circ}40.7'N$ $117^{\circ}08.8'W$ June 18, 1909

C 315 West Basin, San Pedro

Panopanax sp.

C 324 SIO62-236 S. arm of Bahia de Los Angeles, Baja, Calif. Norte ca. $28^{\circ}56'N$ $113^{\circ}32'W$ 22-37m shrimp trawlers April 26, 1962 R. Rosenblatt

Eucratopsis sp.

C 317 RR65-3 Bahia de La Paz, Baja Calif. Sur, Mexico $24^{\circ}19'N$ $110^{\circ}26'W$ 40' otter trawl 55-80m July 5, 1965 W. Baldwin (SI065-257)

C 316 MV68-I-29 W. of Isle Espiritu Santo in Bahia de La Paz $24^{\circ}24'N$ $110^{\circ}23'W$ Jan. 12, 1968 82-119m otter trawl C. Hubbs, T. Cukr

Chasmocarcinus latipes Rathbun

C 320 MV68-I-37 Bahia Santa Ines, Baja Calif. Sur Mexico $26^{\circ}58'N$ $111^{\circ}40'W$ 62m 41' otter trawl Jan. 14, 1968 R/V T. Washington C. Hubbs

C 319 MV68-I-29 Bahia de La Paz, Baja Calif. Sur Mexico $24^{\circ}25'N$ $110^{\circ}25'W$ Jan. 12, 1965 82-119m 40' otter trawl R/V T. Washington C. Hubbs

C 1298 Bacanyon Cruise Sta. 63 Cabo San Lucas, Baja Calif. $22^{\circ}52.9'N$ $109^{\circ}53.5'W$ 110-128m Feb. 15, 1962 1440 PST

Chasmocarcinus ferrugines Glassel

C 1205 MV73-I-94 Golfo de Nicoya Costa Rica $09^{\circ}37.4'N$ $84^{\circ}49.0'W$ $09^{\circ}37.7'N$ $84^{\circ}51.8'W$ 86m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

cf. Chasmocarcinus

C 1189 MV73-I-96 Golfo de Nicoya, Costa Rica $09^{\circ}27.3'N$ $84^{\circ}30.1'W$ $09^{\circ}27.7'N$ $84^{\circ}31.3'W$ 31m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

Gen. Indet.

C 1294 MV73-I-12 Bahia Chamela, Mexico $19^{\circ}32.5'N$ $105^{\circ}10.5'W$ $19^{\circ}35.0'N$ $105^{\circ}11.0'W$ 66-71m otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

C 1670 TEPE70-3 Panama, Pacific side $07^{\circ}19.1'N$ $81^{\circ}45.2'W$ $07^{\circ}19.3'N$ $81^{\circ}45.6'W$ 22-31m Rock Dredge Sept. 15, 1970 R/V A. Helix coll. W. Newman, S. Luke

C 1938 SIO62-212 E. side of Cerraja, Bahia de Los Angeles, Baja Calif. April 19, 1962 $29^{\circ}00.3'N$ $113^{\circ}33.7'W$ chemfish 0-20 ft. coll. Hubbs, Rosenblatt

C 2021 SIO63-174 S. side of Islete Negro, S.W. corner of Isla Guadalupe, Baja Calif. 0-65 ft. SCUBA & chemfish April 23, 1963 1930-1100 coll. J. Stewart, A. Stover

C 2038 RR65-69 Carmen Is., Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ N. end at Pt. Lobos 0-20 ft. noxfish July 17, 1965 coll. B. Walker

C 2374 Capricorn Sta. 35 Ocean Is., S.E. reef $00^{\circ}52'S$ $169^{\circ}35'E$ intertidal +3 under rocks Nov. 30, 1952 Martin Johnson R/V Horizon

C 2116 RR65-3 Bahia de La Paz, Baja Calif. $24^{\circ}19'N$ $110^{\circ}26'W$ 40' otter trawl 55-80m July 5, 1965 coll. W. Baldwin SI065-257

C 1968 Lusiad Expedition LSD H17 dredge ca. $04^{\circ}30'S$ $54^{\circ}30'E$ Seychelles Is. Oct. 19, 1962 coll. G. Shor R/V Horizon

C 1960 Lusiad Exped. LSD H-16 dredge $40^{\circ}31'S$ $54^{\circ}30'E$ Seychelles Is. Oct. 19, 1962 coll. G. Shor R/V Horizon SI063-150

Family Pinnotheridae

Pinnotheres ostreum Say

C 1923 York River at Vims Gloucester Pt., Virginia summer 1966 coll. F. Rokop

Fabia lowei Rathbun

C 1929 Ballast Point, San Diego, Calif. $32^{\circ}41.2'N$ $117^{\circ}14.0'W$ July 10, 1906

Fabia subquadrata Dana

C 1928 Scripps Inst. Beach, outer reef of rocks, La Jolla, Calif. Feb. 13, 1915 coll. P.S. Barnhart from gill (branchial) cavity of Mytilus californicus

C 1918 Scripps Inst. Pier, Jan. 28, 1965 commensal with Mytilus californiensis

Fabia sp.

C 1236 From Mytilus californica, La Jolla, Calif. 1966

Dissoclactylus sp.

C 2742 Vermilion Sea VSS-104 bay, E. side of Angel de La Guarda, ca. $29^{\circ}17'N$ $113^{\circ}21'W$ 73m shell dredge April 10, 1959 R. Parker

C 1874 'ECCE' SJ San Juanito Bay, Baja Calif. Sur $26^{\circ}12'N$ $112^{\circ}28'W$ 4m otter trawl to 20 ft. sandy bay July 20, 1975 coll. Hemingway, Luke

Pinnixa barnharti Rathbun

C 1920 La Jolla Canyon, La Jolla, Calif. 40 ft. SCUBA April 1969 coll. H. Clifford, T. Scanland from Molpadia arenicola

C 1924 Silver Strand, S. of Coronado, Calif. March 16, 1937

Pinnixa faba (Dana)

C 1931 Osoflaco, San Luis Obispo Co., Calif. April 11, 1955 coll. C. Limbaugh

Pinnixa cf. occidentalis Rathbun

C 1055 Oconostota Sta. 1 off La Jolla Cove, $32^{\circ}52.2'N$ $117^{\circ}17.4'W$ Nov. 4, 1969 73m Van Veen grab R/V Oconostota through a 0.42mm sieve coll. F. Rokop, S. Luke

Pinnixa transversalis (Milne-Edwards & Lucas)

C 2173 P191-60 Santa Rosalia, Baja Calif. $28^{\circ}41.0'N$ $112^{\circ}06.0'W$ March 25, 1960 35-26m 10' otter trawl coll. R. Parker

Pinnixa tubicola Holmes

C 1925 Kelp holdfast, La Jolla, Calif. Dec. 4, 1915 coll. H.O. Falk & P.S. Barnhart U.S. Nat. Mus. id. 152 786

Pinnixa sp.

C 1921 Sumner Canyon of Scripps Canyon, La Jolla Calif. 70 ft. SCUBA April 1969 coll. T. Scanland, R. Kiwala from Chaetopteridae tube

C 1916 Rosarita Beach, Baja Calif. Norte, Mexico below Tijuana June 1955

C 1915 Mag Bay A-6 Jan. 29, 1964 6' IKMT

25 $^{\circ}$ 35.9'N $112^{\circ}07.6'W$ coll. C. Hubbs 137m C 1886 'ECCE' San Juanito Bay, Baja Calif. Sur $26^{\circ}14'N$ $112^{\circ}28'W$ sandy beach intertidal July 20, 1975 coll. Hemingway, Luke

- C 1136 MV73-I-23 Pta. Lizardo, Michoacan, Mexico
 $18^{\circ}05.2'N$ $102^{\circ}56.0'W$ $18^{\circ}07.2'N$ $103^{\circ}00'W$
 75-70m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1323 SIO67-133 Ensenada Camp N. of San Felipe, Baja, Calif. ca. $31^{\circ}N$ $114^{\circ}48'W$ 0-2 ft. hand net & sieve May 22, 23, 1967 coll. D. Hoesse
- C 1557 M15 OT-15 off Morro Bay, Calif. $35^{\circ}24.7'N$ $121^{\circ}00.4'W$ $35^{\circ}06.5'N$ $121^{\circ}03.0'W$ 99m 25' otter trawl April 2, 1974 R/V Agassiz coll. Matsui, Burnett
- C 1839 'ECCE' LM-28 Laguna Manuela, Baja Calif. Mexico $28^{\circ}24'N$ $114^{\circ}08.5'W$ sand beach mid-intertidal Aug. 4, 1975 coll. Hemingway, Luke
- Opisthopus transversus Rathbun
- C 3644 Devils Slide area, La Jolla, Calif. 15 ft. SCUBA Apr. 29, 1969 with Megathura crenulata T. Scanland
- C 2255 Hanging Valley, South branch of Scripps Submarine Canyon, La Jolla, Calif. 140 ft. SCUBA March 12, 1976 coll. G. Sullivan from Hinnites multirugosus Gale
- C 1932 San Diego Bay, San Diego, Calif. July 28, 29, 1915 coll. P.S. Barnhart from mantle cavity of Megathura crenulata
- C 1930 Mud flats of La Playa, San Diego, Calif. San Diego Bay commensal from large Bullas Nov. 9, 1927 coll. P.S. Barnhart
- C 1927 San Pedro breakwater, Los Angeles, Calif. Sept. 1916 found in mantle cavity of Megathura crenulata
- C 1926 SIO59-354 Bird Rock, La Jolla, Calif. surf to 45 ft. 600' wall net Sept. 25, 1959
- C 1922 La Jolla Cove, La Jolla, Calif. 25 ft. SCUBA April 26, 1959 coll. T. Cukr
- C 1919 Doheny Beach, N. of San Clemente, Calif. from mantle cavity of Aplysia vaccaria coll. J. Jance
- C 1917 S. of La Jolla Beach & Tennis Club, La Jolla, Calif. Intertidal May 20, 1969 from mantle cavity of Zirfaea pilosbyri Lowe (rough piddock)
- C 739 In Stichopus californicus Dana Point, Calif. from excavated marine site. Now subtidal May 13, 1969 coll. T. Cukr, F. Rokop
- Gen. Indet.
- C 2170 Monsoon P-240-60 off Soembawa Is. $08^{\circ}02.0'N$ $118^{\circ}08.5'E$ orange peel grab 57m Oct. 27, 1960 coll. Parker, Rowland
- C 1971 SIO66-555 Owens Channel, S. Side of Flinders group, Queensland, Australia 20-30 Ft. Sept. 1966 otter trawl coll. R. McConaughey
- C 1913 MB-6904-4 TR#149 S. end of Tiburon Is. $28^{\circ}48'N$ $112^{\circ}10'W$ 17' otter trawl 25m April 25, 1969 coll. Moser
- C 1598 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 3542 SB #27-35 Bahia de Los Angeles, Baja Calif. Norte core samples 9-55 ft. Apr. 7-9, 1960 M/V 'Orca' A. Flechsig

Family Cymopoliidae

Cymopolia cf. lucasii (Rathbun)

- C 305 B6411-3 TR #112 between Pta. Lobos & Pta. Marquis, Baja Calif. Sur $23^{\circ}34'N$ $110^{\circ}23'W$ 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas (SIO64-867)

- Cymopolia sp.
- C 2465 RR65-31 off Pta. San Telmo, Baja Calif. Sur, ca. $25^{\circ}18'N$ $110^{\circ}57'W$ 10' otter trawl July 10, 1965 W. Baldwin
- C 2181 RR65-50+51 Bahia Santa Inez Baja Calif. $26^{\circ}58'N$ $111^{\circ}55'W$ 40-82m 40' otter trawl July 14, 1965 coll. C. Hubbs
- C 2188 6105-H Sta. 13 above Pta. Colnett, Baja Calif. Norte $31^{\circ}09'N$ $116^{\circ}34'W$ 33-48m 10' midwater trawl June 5, 1961 coll. Hodnett
- C 2162 MV71-I-1 Isla de Guadalupe, Baja Calif. $28^{\circ}51.5'N$ $118^{\circ}16.3'W$ 95-81m 6' Sigbee trawl May 18, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 306 RR65-40 W. side of Isla Monserrate, Baja Calif. Sur $25^{\circ}38'N$ $111^{\circ}04'W$ 91-73m 40' otter trawl July 12, 1965 R. Rosenblatt (SIO65-294)
- C 2165 RR65-38 W. side of Isla Monserrate, Gulf of Calif. $25^{\circ}39'N$ $111^{\circ}04.7'W$ 40' otter trawl July 11, 1965 coll. R. Rosenblatt (SIO65-292)
- C 2224 Haul 3181 off San Diego, Calif. $32^{\circ}28.5'N$ $117^{\circ}15.3'W$ 55m Feb. 10, 1912 coll. "Agassiz"

Family Grapsidae

- Grapsus grapsus (Linnaeus)
- C 2727 Galapagos Is., Ecuador
- C 902 TEPE70-13 Islas Ladrones, Panama $07^{\circ}52.20'N$ $82^{\circ}27.75'W$ Sept. 19, 1970 intertidal & in cave, chemfish & scuba R/V Alpha Helix coll. Newman, Dana, Luke
- C 915 TEPE70-17 Islas Secas, N.E. bays of Islas Cavada $07^{\circ}59.3'N$ $82^{\circ}01.5'W$ intertidal scuba Sept. 23, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- C 355 5601-S Magdalena Bay, Baja Calif. Oct. 1, 1956 1000 PST
- C 364 SIO67-37 Panama Pacific 1/4 mi. N. of Punta Cruz, I. San Jose March 28, 1967 coll. R. Rosenblatt
- C 363 RR61 Ceralbo Isld. Gulf of Calif. intertidal June 22, 1961 coll. D. Leighton
- C 362 El Golfo II Sta. XI 0930-1130 Los Animas Id. May 16, 1965
- C 361 Magdalena Bay, Baja Calif. Crest 26 July 2, 1951
- C 360 Ceralbo Is. Tidelands Gulf of Calif. Baja Calif. March 29, 1959 coll. Lemcke
- C 359 SIO68-187 Sonora, Mexico W. end of Algodones Bay Jem 68-4 coll. McCosker
- C 358 Galapagos Isld. outer Sandoz "M.V. Renown" Oct.-Dec. 1948
- C 357 Skin diving off rocks islands near La Paz, Bahia, Calif. Sept. 4, 1962, J. McGowan and Brown 6208-9-6
- C 356 40.45 D-18 Sept. 13, 1950 under flood light coll. Eckles
- Pachygrapsus crassipes Randall
- C 2473 San Ignacio Lagoon, Baja Calif. Sur, Mex. ca. $26^{\circ}45'N$ $113^{\circ}12'W$ rocky intertidal hand collec. Mar. 23, 1976 S. Luke
- C 1934 MV71-I-28 Isla San Benitos del Oeste, Baja Calif. $28^{\circ}18'N$ $115^{\circ}33'W$ rocky intertidal May 26, 1971 coll. C. Hubbs, S. Luke R/V Agassiz
- C 1898 'ECCE' PB-39 Pta. Baja, Baja Calif. $29^{\circ}57'N$ $115^{\circ}48'W$ high intertidal Aug. 9, 1975 coll. Hemingway, Luke
- C 1877 'ECCE' Pta. Peguena, Baja Calif. Sur, Mexico $26^{\circ}14'N$ $112^{\circ}28.5'W$ rocky intertidal July 20, 1975 coll. Hemingway, Luke

- C 1859 'ECCE' SR-35 Santa Rosalilita, Baja Calif.
Mexico $28^{\circ}40'N$ $114^{\circ}14'W$ rocky intertidal
Aug. 7, 1975 coll. Hemingway, Luke
- C 1849 'ECCE' SR-34 Pta. Santa Rosalia, Baja
Calif. $28^{\circ}40'N$ $114^{\circ}14'W$ rocky intertidal
Aug. 6, 1975 coll. Hemingway, Luke
- C 1833 'ECCE' LM-27 Laguna Manuela, Baja Calif.
Mexico $28^{\circ}14'N$ $114^{\circ}08.5'W$ lagoon intertidal Aug. 4, 1975 coll. Hemingway, Luke
- C 1819 'ECCE' LM-26 Laguna Manuela Point Baja
Calif. $28^{\circ}13.5'N$ $114^{\circ}11'W$ high rocky intertidal Aug. 4, 1975 coll. Hemingway, Luke
- C 1801 'ECCE' B.T.-22 Bahia Tortugas, Baja Calif.
 $27^{\circ}41'N$ $114^{\circ}53'W$ upper mid-intertidal
July 31, 1975 coll. Hemingway, Luke
- C 1787 'ECCE' E.C.-19 Estero de Coyote, Baja
Calif. Sur $26^{\circ}49'N$ $113^{\circ}31.5'W$ intertidal
July 28, 1975 coll. Hemingway, Luke
- C 1774 'ECCE' MEPA-16A Esterode Pts. Abreojos,
Baja Calif. $26^{\circ}47.5'N$ $113^{\circ}56.5'W$ July 26,
1975 mangrove lagoon upper intertidal coll.
Hemingway, Luke
- C 1743 'ECCE' P.A.-18 Pta. Abreojos, Baja Calif.
rocky point W. of desalinization plant
 $26^{\circ}43.5'N$ $113^{\circ}35.5'W$ high intertidal
July 27, 1975 coll. Hemingway, Luke
- C 1742 'ECCE' P.A.-7 rocky point E. of Pta. Abreojos
Baja Calif. W. side of Bahia La Baliza
 $26^{\circ}44'N$ $113^{\circ}35'W$ mid-tide zone July 25, 1975
coll. Hemingway, Luke
- C 1731 'ECCE' P.A.-9 rocky point E. of Pta. Abreojos
Baja Calif. W. side of Bahia La Baliza
 $26^{\circ}44'N$ $113^{\circ}35'W$ tidepools MLLW July 25,
1975 coll. Hemingway, Luke
- C 1729 'ECCE' P.A.-8 rocky point E. of Pta. Abreojos
Baja Calif. W. side of Bahia La Baliza
 $26^{\circ}44'N$ $113^{\circ}35'W$ high rocks MLLW July 25,
1975 coll. Hemingway, Luke
- C 1719 'ECCE' P.A.-2-B rocky point E. of Pta.
Agrejos, Baja Calif. Sur W. of Bahia La
Baliza $26^{\circ}44'N$ $113^{\circ}35'W$ mid-tide zone hand
collected July 24, 1975 coll. Hemingway,
Luke
- C 1707 'ECCE' P.A.-1 rocky point E. of Pta. Abreojos
Baja Calif. Sur. W. side of La Baliza Bay,
W. of Campo Media $26^{\circ}44'N$ $113^{\circ}35'W$ July 23,
1975 intertidal head collection coll. Hem-
ingway, Luke
- C 1593 Palomar St. Reef, La Jolla, Calif. inter-
tidal sandstone rocks, hand collected Jan.
8, 1974 coll. S. Luke
- C 1576 Pacific Beach, Calif. Crystal Pier, hand
collected off pilings, intertidal, Feb. 6,
1974
- C 951 MV71-I Islote Negro, W. of Isla de Guada-
lupe, Mexico $28^{\circ}54.5'N$ $118^{\circ}17.2'W$ rocky
intertidal May 23, 1971 R/V Agassiz coll.
C. Hubbs, S. Luke
- C 958 MV71-I-38 Isla San Martin, Mexico $30^{\circ}29'N$
 $116^{\circ}07'W$ intertidal May 28, 1971 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 339 Pt. Loma, San Diego, Calif. June 24, 1906
(wash haul) 4014
- C 340 SIO60-15 Guadalupe Id., Mexico, tidepool
Jan. 27, 1960
- C 341 La Jolla pier piles Nov. 6, 1915
- C 331 SIO68-187 Sonora, Mexico N. end of Alga-
donnes Bay coll. McCosker
- C 325 Stripped shore crab, 21.6 miles South of
Tijuana, northern Baja Calif. Mexico
March 28, 1954 coll. Paul W. Johnson
- C 326 Stripped shore crab, tip of Pt. Loma, San
Diego County, Calif. Nov. 14, 1955 coll.
Paul W. Johnson
- C 327 No information
- C 328 North reef SIO, La Jolla, Calif. Feb. 8,
1963 cat. XVIII-77
- C 329 No information
- C 330 Bay float, San Diego, Calif. Nov. 9, 1958
coll. J. Prodonovitch
- C 332 Juveniles - no informantion
- C 333 "Casa" area - La Jolla, Calif. rocky inter-
tidal area July 11, 1968 coll. T. Cukr
- C 334 Mangrove Lagoon & beach. Punta Abreojos,
Baja Calif. Sur Jan. 26, 1964
- C 335 Shore collection Magdalina Bay, Baja Calif.
June 11, 1951
- C 336 SIO64-10 Magdalena Bay, Baja Calif. Sur
Mexico A-12 $24^{\circ}37'N$ $112^{\circ}07'W$ Jan. 29, 1964
- C 337 Off Mazatlan, Mexico May 6, 1959
- C 338 La Jolla, California years 1915-1916 (Aug.-
Dec. 1915) coll. H.O. Falk
- Pachygrapsus transversus (Gibbes)
- C 2408 RR65-55 Bahia Santa Inez, Baja Calif. Sur
 $27^{\circ}56.5'N$ $112^{\circ}00.5'W$ 0-5 ft. noxfish July
14, 1965 B. Walker
- C 2057 RR65-30 Near Pta. San Telmo, Baja Calif.
 $25^{\circ}18'N$ $110^{\circ}57.5'W$ July 10, 1965 0-10 ft.
noxfish & snorkel coll. B. Walker
- C 903 TEPE70-13 Islas Ladrones, Panama $07^{\circ}52.20'N$
 $82^{\circ}27.75'W$ Sept. 19, 1970 intertidal & in
cave, chemfish & scuba R/V Alpha Helix coll.
Newman, Dana Luke
- C 920 TEPE70-30 Aguilarana Is. Holandes Cay, San
Blas, Panama $09^{\circ}35'54"N$ $78^{\circ}46'58"W$ 0-60 ft.
scuba on coral Sept. 27, 1970 R/V Alpha
Helix coll. W. Newman, T. Dana, S. Luke
- C 889 TEPE70-8 Pta. Fea, Bahia Damas, Isla Coiba
 $07^{\circ}23'35"N$ $81^{\circ}38'45"W$ chemfish-scuba inter-
tidal Sept. 17, 1970 R/V Alpha Helix coll.
W. Newman, T. Dana, S. Luke
- C 345 Cocos Is. Eastern Pacific March 18, 1963
coll. T. Chase
- C 344 SIO62-341 Clipperton Id. $10^{\circ}N$ $109^{\circ}W$
Dec. 10, 1950
- C 343 SIO65-289 Agua Verde Bay $25^{\circ}31.2'N$ $111^{\circ}04.8'W$
0-15 ft. July 11, 1965 B.W. Walker
- Pachygrapsus minutus (Linnaeus)
- C 1015 Taken off loose Japanese long line buoy
 $93^{\circ}20'W$ $12^{\circ}34'N$ April 26, 1972 coll. C.W.
Oliver on Lois Seaver I
- C 1384 Off Columbia, S. America, Pacific Ocean
 $5^{\circ}03'N$ $82^{\circ}02'W$ April 11, 1973 on floating
buoy coll. Bob Olson M/V Trinidad
- C 1579 Chain Y3 Mid Atlantic Ocean $45^{\circ}11'N$ $27^{\circ}56'W$
Aug. 8, 1964 SOSC Ref. 198
- C 1631 C BOG I N. Pacific Ocean $34^{\circ}12'9"N$
 $141^{\circ}24.7'W$ glass balls and dipnet Aug. 14,
1972 1700-1745
- C 1937 Scripps Inst. of Ocean. beach, La Jolla,
Calif. Aug. 7, 1918 coll. P.S. Barnhart &
Snook
- C 1939 MV66-III-14 Cortez Bank, off Calif.
 $32^{\circ}24.6'N$ $119^{\circ}10.0'W$ from floating life
jacket Dec. 10, 1966 R/V Horizon coll.
C. Hubbs
- C 1941 Dip net & surface light, Pacific Ocean
 $30^{\circ}N$ $125^{\circ}23'W$ Nov. 12, 1948 1830-2100 PST
S48-3 McHugh, Huffer
- C 1942 10 mi. W. of Pta. Quepos, Costa Rica ca.
 $09^{\circ}30'N$ $84^{\circ}25'W$ Oct. 26-27, 1949 M/V
Renown
- C 1945 On Japanese fishing float July 5, 1956
 $31^{\circ}52'N$ $141^{\circ}00'W$
- C 1946 Lusiad III Dec. 6, 1962 1700 $25^{\circ}02.3'S$
 $104^{\circ}11.6'E$ caught on hydrophone cable

- C 1948 Drift Float Eastern N. Pacific $31^{\circ}44'N$ $138^{\circ}32'W$ April 3, 1968 coll. B. J. Zahuranec, L.W. Shearer R/V USNS Davis
- C 1950 Scripps Inst. Beach, La Jolla, Calif. Nov. 1939
- C 1951 6301-2 G Sta. 110-50 off Pta. Canoas, Baja Calif. $29^{\circ}N$ $116^{\circ}30'W$ from USAF Nose Cone Feb. 10, 1963 1100 dipnet coll. J. Lawson
- C 1970 TP 67 Trans. Pac. Exped. Kurile Is., Japan ca. $44^{\circ}N$ $152^{\circ}E$ Sept. 18, 1953 from floating log & fish net float
- C 1953 SI060-264 Tethys Leg II at core Sta. 43 & 44 ca. $8^{\circ}N$ $157^{\circ}30'W$ at surface, nite lite July 25-26, 1960 2030-0020
- C 1955 Tethys Exped. Leg ii core Sta. 42 July 25, 1960 ca. $6^{\circ}N$ $158^{\circ}W$
- C 1959 SI070-102 Climax II Sta. A-5 $27^{\circ}52'N$ $155^{\circ}13'W$ dipnet Aug. 31, 1961
- C 1969 5508B Nor Pac Exped. SI066-167 ca. $45^{\circ}42'N$ $125^{\circ}59'W$ off Portland, Oregon enroute Sta. 59 Aug. 16, 1955 1830 PST R/V Horizon dip net on green glass globe
- C 342 Clipperton Island Oct. 1956 C. Limbaugh et al.
- Pachygrapsus marinus (Rathbun)
- C 1964 PAS 5506F June 1955 $28^{\circ}48'N$ $129^{\circ}35'W$ coll. L. Berner & pty
- Pachygrapsus sp.
- C 3525 TSDY-XI N.E. of Hawaii $30^{\circ}46.9'N$ $144^{\circ}54.9'W$ surface dip net Mar. 12, 1974 R/V T. Washington J. McGowan, V. Loeb
- C 3523 TSDY-XI F.C. #10 N. of Hawaii $28^{\circ}20.5'N$ $154^{\circ}59.6'W$ surface dip net Mar. 10, 1974 R/V T. Washington J. McGowan, V. Loeb
- C 3521 TSDY-XI F.C. #6 N. of Hawaii $28^{\circ}20.9'N$ $154^{\circ}58.0'W$ dip net surface May 3, 1974 0905 R/V T. Washington J. McGowan, V. Loeb
- C 3276 150 mi. off San Diego, Calif. taken off 30 lbs. Hawksbill sea turtle by fishermen Oct. 19, 1976 Bob Flusher Capt. 'Cat Special'
- C 3600 Set 023 off Central America $09^{\circ}20'N$ $96^{\circ}31'W$ near floating log Mar. 1, 1975 C.W. Potter
- C 3599 Cruise JFK II off Central America $09^{\circ}51'N$ $98^{\circ}40'W$ Feb. 27, 1972 on glass fish float Coe
- C 3586 Off Costa Rica on glass fishing float $08^{\circ}17'N$ $87^{\circ}48'W$ Mar. 10, 1975 C.W. Potter
- C 3584 Concho - S. of Manzanillo, Mex. $18^{\circ}18'N$ $104^{\circ}45'W$ floating log May 3, 1971 N.M.F.S.
- C 3582 TSDY XI F.C. #3 N. of Hawaii $27^{\circ}56.0'N$ $154^{\circ}54.5'W$ fishing float Feb. 27, 1974 R/V T. Washington J. McGowan, V. Loeb
- C 3580 TSDY XI F.C. #8 N. of Hawaii $28^{\circ}02.1'N$ $155^{\circ}00.7'W$ fishing float Mar. 9, 1974 R/V T. Washington J. McGowan, V. Loeb
- C 3578 KLV 014X W. of Islas Marias, Mexico $21^{\circ}32'N$ $107^{\circ}51'W$ on floating log Feb. 16, 1975 set 023 Conte Bianco, Ken LaVeille
- C 3575 TSDY-XI off Baja Calif., fish float $31^{\circ}21.4'N$ $141^{\circ}17.6'W$ Mar. 13, 1974 R/V T. Washington J. McGowan, V. Loeb
- C 3573 TSDY XI N. of Hawaii $28^{\circ}12.0'N$ $154^{\circ}43.0'W$ floating beer bottle Mar. 7, 1974 R/V T. Washington J. McGowan, V. Loeb
- C 3571 TSDY XI off S. Calif. $32^{\circ}45.9'N$ $126^{\circ}37.8'W$ from fishing float March 16, 1974 R/V T. Washington J. McGowan, V. Loeb
- C 3567 Pan Pacific Cruise #110 from stomach of a Brown Shark $01^{\circ}20'S$ $82^{\circ}23'W$ on G.L. Friedricksen Jan. 24, 1975
- C 3682 TSDY XI-F.C.12 E.N. Pacific $31^{\circ}21.4'N$ $141^{\circ}17.6'W$ dip net glass float Mar. 13, 1974 R/V T. Washington J. McGowan
- C 3681 TSDY XI N. of Hawaii Feb. 24, 1974 $28^{\circ}19.4'N$ $155^{\circ}02.5'W$ dip net R/V T. Washington V. Loeb
- C 3674 TSDY XI F.C. #5 A-3 N. of Hawaii $28^{\circ}01.8'N$ $155^{\circ}09.0'W$ dip net Mar. 4, 1974 R/V T. Washington J. McGowan
- C 3650 Cruise 100 DAB 017 off Central America $11^{\circ}58'N$ $93^{\circ}42'W$ off Ridley turtle Jan. 30, 1975 D.A.B. M/V San Juan
- C 2751 Southtow 13 dipnet Sta. 5 above Hawaii $28^{\circ}20'-10'N$ $155^{\circ}16'-154^{\circ}54'W$ Feb. 5, 1973 1530, on rope around glass float
- C 2724 Ursa Major Sta. 26-2 Sept. 2, 1964 ca. $43^{\circ}38'N$ $155^{\circ}02'W$ from glass float M. Knight
- C 2725 Climax II Sta. A-2 surface dipnet $27^{\circ}09.24'N$ $155^{\circ}32.5'W$ Aug. 27, 1969 0200-0400
- C 350 20 Mi. S.W. of Montapallo, Gulf of Dulce on the ship "Renown" March 31, 1949 coll. E.W. Kates & P. Sandoz
- C 1300 Jordan 77 Eastern Pacific Ocean, Mexico $14^{\circ}25'N$ $119^{\circ}21'W$ picked off floating container Feb. 13, 1973 coll. C. Love
- C 1966 Dodo 7 Hong Trung Noh, Southern Cambodia $08^{\circ}21'N$ $104^{\circ}38'E$ Nov. 11, 1964 0830-1000 tidepool shore collection T. Matsui SI065-44
- C 1560 S.W. of Cocos Is., Costa Rica $05^{\circ}20'N$ $88^{\circ}20'W$ collected off piece of log by G.M. Armstrong April 21, 1974 A.M. M/V Bold Contender coll. Bill Perin NMFS for more information
- Hemigrapsus nudus (Dana)
- C 3665 DW76-5-5 Alert Bay, British Columbia, rock intertidal Aug. 27, 1976 D. Wilke
- C 956 MV71-I-38 Isla San Martin, Mexico $30^{\circ}29'N$ $116^{\circ}07'W$ intertidal SCUBA May 28, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 365 Camp Baker in San Francisco Bay, N. of Golden Gate Bridge, Shore collecting by hand coll. T. Cukr Aug. 3, 1968 1:00-2:00 PST
- C 366 SI062-222 E. side of Punta Arena, Bahia de Los Angeles, Baja Calif. Norte April 23, 1962 C.L. Hubbs
- C 367 No information
- C 368 La Jolla, Calif. SIO Aug. 1, 1963
- C 369 La Jolla, Calif. tidepools-rocks N. of Scripps pier July 12, 1958 coll. D. Detrich
- Hemigrapsus oregonensis (Dana)
- C 1606 Mission Bay, San Diego, Calif. hotel pier pilings, intertidal hand collection Feb. 6, 1974 coll. S. Luke
- C 1585 Fiesta Island, Mission Bay Mud Flats, San Diego, Calif. intertidal hand collection Jan. 9, 1974 coll. S. Luke
- C 1463 Argyle Lagoon, Friday Harbor, Washington tip net in Zostera beds May 21, 1973 coll. R. Bauer
- C 1297 San Diego Bay, near Quarantine Station San Diego, Calif. Sept. 6-7, 1915 trawl
- C 957 MV71-I-38 Isla San Martin, Mexico $30^{\circ}29'N$ $116^{\circ}07'W$ intertidal SCUBA May 28, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 370 La Jolla, Calif. tidepools-rocks N. of Scripps pier July 12, 1958 coll. D. Detrich
- C 371 Mission Bay, San Diego
- C 372 SI063-1053 Bahia San Quintin, base of west arm Baja Calif. Norte Mexico $30^{\circ}27'N$ $116^{\circ}02'W$ Salt Marsh Dec. 1, 1963 coll. K. Radford & party
- C 373 SI068-147 San Felipe, Gulf of Calif. Aug. 1965 C. Losey & D.F. Hoese

- C 374 San Diego, mud flats, mouth of Tijuana River No. 912 haul 3141 Aug. 1, 1913 coll. Wm. E. Ritter
- C 375 SI062-231 Bahia de Los Angeles, Baja Calif. Norte E. side of Punta Arenas 150' bag seines April 25, 1962 C.L. Hubbs & party
- C 376 No information
- C 377 Bodega, mud beach, May 7, 1966
- C 380 No information
- C 379 SI062-235 Bahia de Los Angeles, Baja Calif. Norte $29^{\circ}01.1'N$ $113^{\circ}35.2'W$ 1.5m chemfish April 26, 1962 C. Hubbs sand beach
- C 378 No information
- C 384 Gulf of Calif. Baja Calif. Mexico ca. 13 mi. S. of San Felipe - rocky tidepools March 16, 1968 coll. F. Rokop
- Hemigrapsus sp.
- C 1334 Ensenada Camp N. of San Felipe, Baja Calif. Mexico ca. $31^{\circ}0N$ $114^{\circ}48'W$ Aug. 1964 intertidal
- C 3601 Indopac Leg III-DN3 Philippine Sea $19^{\circ}37.9'N$ $123^{\circ}52.8'E$ dip net June 5, 1976 0200 R/V T. Washington
- Plagusia immaculata Lamarck
- C 3598 Cruise JFKII off Central America $09^{\circ}51'N$ $98^{\circ}40'W$ Feb. 27, 1972 on glass fish float Coe
- C 3592 Off Central America on tree floating $14^{\circ}35'N$ $109^{\circ}14'W$ Feb. 5, 1973 M/V Kerri M, C.W. Oliver
- C 3590 Cruise #114 Katherine Lisa off Central America, on floating log $12^{\circ}11'N$ $97^{\circ}17'W$ Jan. 24, 1975 J.F. Lambert
- C 3587 Off Costa Rica on glass fishing float $08^{\circ}17'N$ $08^{\circ}17'N$ $87^{\circ}48'W$ Mar. 10, 1975 C.W. Potter
- C 3577 KLV014X W. of Islas Marias, Mexico $21^{\circ}32'N$ $107^{\circ}51'W$ on floating log Feb. 16, 1975 set 023 Conte Bianco Ken LaVeille
- C 3568 Pan Pacific Cr. #110 on floating log $01^{\circ}27'N$ $84^{\circ}06'W$ Jan. 24, 1975 G.L. Friedricksen
- C 321 Floating on bamboo $6^{\circ}30'N$ $82^{\circ}23'W$ surface temp. $84.2^{\circ}F$ April 26, 1963 coll. C. Mitchell (F.W.S.)
- C 2422 Eurydice Leg 7, dipnet #2, on a coconut floating on surface $09^{\circ}02.6'N$ $127^{\circ}02.8'E$ Mar. 10, 1975 R/V T. Washington
- C 1963 SI064-121 Peninsular de Nicoya, Costa Rica $10^{\circ}30'N$ $85^{\circ}57'W$ Oct. 9, 1963 surface floating log coll. Hunter
- C 1958 SI062-21 Maria Magdalena Id., Tres Marias Is. $21^{\circ}28'N$ $106^{\circ}26'W$ dip net Aug. 15-16, 1961 1930-0300 coll. C. Tuthill 6108B-21
- C 1957 Circe Sta. T-1 South China Sea dipnet April 28, 1968 0030 coll. J. Pine
- C 1954 SI054-174 Islas Galapagos, Ecuador June or July 1954 coll. Herman Hawkins on tuna clipper 'Liberty Bell'
- C 1949 SI067-290 off Cabo San Lucas, Baja Calif. TOW Mas Exped. $22^{\circ}26.3'N$ $109^{\circ}41.5'W$ Nov. 17, 1967 1900+7 attached to puffer fish
- C 1947 Lusiad Sta. 2 July 2, 1962 $1000^{\circ}11'W$ $94^{\circ}56'E$ coll. James Gast
- C 1565 Set #352-N.E. of Galapagos Is. $04^{\circ}42'N$ $88^{\circ}22'W$ April 13, 1974 coll. of floating glass ball M/V Bold Contender coll. G.M. Armstrong see C 1560
- C 1383 Off Columbia, S. America, Pacific Ocean $5^{\circ}03'N$ $81^{\circ}57'W$ April 11, 1973 on floating ball Japanese longline glass ball M/V Trinidad coll. Bob Olson
- C 1014 Taken off loose Japanese long line buoy $93^{\circ}20'W$ $12^{\circ}34'N$ April 26, 1973 coll. C.W. Oliver on Lois Seaver I
- C 899 TEPE70-12 Islas Ladrones, Panama $07^{\circ}52'N$ $82^{\circ}27'W$ on floating debris Sept. 19, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- Plagusia sp.
- C 1956 Tethys Exped. Leg II core Sta. 42 July 25, 1960 ca. $60^{\circ}N$ $158^{\circ}W$
- C 1944 Off Peninsula de Nicoya, Costa Rica $09^{\circ}45'N$ $85^{\circ}43'N$ April 14, 1965 Balsa log coll. #22 Hunter & Mitchell (USFWS)
- C 1943 10 mi. W. of Pta. Quepos, Costa Rica ca. $09^{\circ}30'N$ $84^{\circ}25'W$ Oct. 26-27, 1949 M/V Renown
- C 1940 Off Peninsula de Nicoya, Costa Rica $10^{\circ}N$ $86^{\circ}W$ April 2, 1963 coll. Mitchell (F.W.S.)
- C 2928 STYX-7 MPE 680912 Sta. 2 Wake Is. $19^{\circ}17'N$ $166^{\circ}33.5'E$ Sept. 12, 1968 1573m free vehicle trap R/V Agassiz W. Newman
- C 3589 Off Central America on floating wood paneling $09^{\circ}45'N$ $97^{\circ}30'W$ Feb. 25, 1975 C.W. Potter
- Percnon gibbesi (Milne-Edwards)
- C 318 Magdalena Bay, Baja Calif. inside Pt. Tosca lagoon 10-20' Feb. 4, 1964 Acc 1547
- Percnon sp.
- C 2373 Capricorn Sta. 35 Ocean Is., S.E. reef $00^{\circ}52'S$ $169^{\circ}35'E$ intertidal & 3 under rocks R/V Horizon Nov. 30, 1952 Martin Johnson
- Sesarma sp.
- C 352 Danger Island 1958
- Tetragrapsus jouyi (Rathbun)
- C 1936 Bahia San Luis Gonzaga, Baja Calif. Golfo de Calif. beach just N. of fishing camp poison May 2, 1961 coll. C. Hubbs
- C 1933 San Felipe, Baja Calif., Mexico Golfo de Calif. under rocks N. of town April 4, 1963
- Gen. Indet.
- C 1394 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetak Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 1395 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetak Atoll, ca. $11^{\circ}30'N$ $162^{\circ}10'E$ 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- C 2377 Capricorn Sta. 76 Tongotabu, in harbor, $175^{\circ}10'W$ $21^{\circ}10'S$ intertidal Dec. 26, 1952 R/V Horizon Martin Johnson
- C 2697 Capricorn Haul #34 S.E. reef, Ocean Island $00^{\circ}52'S$ $169^{\circ}35'E$ intertidal on broken coral Nov. 30, 1952 R/V Horizon M.W. Johnson
- C 2936 STYX-7 MPE 680921 Sta. 2 Kure Atoll $28^{\circ}23'n$ $178^{\circ}22'W$ Sept. 21, 1968 R/V Agassiz W. Newman
- Family Gecarcinidae
- Gecarcinus planatus Stimpson
- C 1159 DW73-25 N.W. side of Caleta Trueno, Socorro Is. Feb. 27, 1973 Mexico on the beach coll. D. Wilkie, R. Kiwala
- C 1030 Socorro Is., Mexico, Revilla Gigedos found in burrows of dirt & volcanic rock crevices at 1500 ft. elevation Feb. 15, 1972 coll. R. Kiwala
- C 934 TEPE70-11 Isla Montuosa, Panama $80^{\circ}14'50"N$ $7^{\circ}28'30"W$ hand collected on beach by Capt. Terry Hansen Sept. 18, 1970 R/V Alpha Helix W. Newman, T. Dana, S. Luke
- Gecarcinus quadratus Saussure
- C 353 Cano Isle, Costa Rica, Pacific Coast March 21, 1920 coll. Capt. Crandell, E. Milchael

Family Ocypodidae

Ocypode albicans Bose

C 2431 DFH66-9 Port Arkansas, Texas, at institute off Marine Science Pier tidetrap summer 1964 D.F. Hoese

Ocypode gaudichaudii Milne-Edwards

C 891 TEPE 70-8 Pta. Fera, Bahia Damas, Panama 07°23'35"N 81°38'45"W chemfish & SCUBA intertidal Sept. 17, 1970 R/V A. Helix W. Newman, S. Luke

C 879 TEPE70-2 W. of Pta. David, Isla Jicaron 07°17.2'N 82°52.8'W shore collection Sept. 15, 1970 R/V A. Helix W. Newman, S. Luke

Ocypode occidentalis Stimpson

C 348 Sand beach, Cape San Lucas, Baja Calif. Sur. Mexico June 13, 1961 RR-61 coll. D. Leighton

C 347 SI063-532 Sonora Bahia Kino, Mexico, N. side of beach. So. of Punta Ignacio Aug. 17, 1963 2000-2230 60' beach seine coll. J. Copp

C 354 Bahia Kino dunes, N.W. of Puerto Kino, sand, Sonora Mexico Aug. 7, 1965 coll. Joe Copp

C 346 SI068-171 Sinola, Mazatlan, Mexico, supratidal, sand at south end of Pta. Sabalo 1-6 ft. coll. McCosker March 20, 1968 JEM 68-8

Uca princeps (Smith)

C 1786 'ECCE' E.C.-19 Estero de Coyote, Baja Calif. Sur 26°49'N 113°31.5'W intertidal July 28, 1975 coll. Hemingway, Luke

C 1772 'ECCE' MEPA-16A Estero de Pta. Abreojos, Baja Calif. mangrove lagoon upper intertidal 26°47.5'N 113°56.5'W July 26, 1975 coll. Hemingway, Luke

C 1303 SI068-242 5 mi. N.W. of Guaymas, Sonora Mexico ca. 27°58'N 111°00'W April 12, 1968 0-4 ft. chemfish & handnets coll. D. Hoese

Uca crenulata (Lockington)

C 1834 'ECCE' LM-27 Laguna Manuela, Baja Calif. Mexico 28°14'N 114°08.5'W lagoon intertidal Aug. 4, 1975 coll. Hemingway, Luke

C 1905 'ECCE' MEPA-16A Esterode Pta. Abreojos, Baja Calif. upper intertidal July 26, 1975 coll. Hemingway, Luke 26°47.5'N 113°56.5'W

C 1766 'ECCE' EPA-14B Estero de Pta. Abreojos, Baja, Calif. 26°45.5'N 113°40'W highest high tide zone July 26, 1975 coll. Hemingway, Luke

C 1906 'ECCE' E.C.-19 Estero de Coyote, Baja Calif. Sur 26°49'N 113°31.5'W intertidal July 28, 1975 coll. Hemingway, Luke

C 1900 'ECCE' SR-33 high saline lagoon S. of Sta. Rosalilita, Baja Calif. 28°40'N 114°14'W intertidal Aug. 6, 1925 coll. Hemingway, Luke

C 1337 Few miles S. of San Felipe, Baja Calif. Gulf, ca. 31°N 114°48'W intertidal Aug. 1965

Uca monilifera Rathbun

C 349 N. end of Montague Id. W. side of Colo. River Gulf of Calif., W. Mexico from burrows in mud April 13, 1951 coll. Mr. & Mrs. Ralph Davis

C 351 1/4 mile W. of Montagu Isle, Gulf of Calif. Baja Calif. Mexico April, 1953

Gen. Indet.

C 2378 Capricorn Sta. 74 Tongatabu, in harbor, 175°10'W 21°10'S intertidal Dec. 26, 1952 R/V Horizon Martin Johnson

C 1407 Yvonne Is., near bomb craters Cactus and LaCrosse, Eniwetok Atoll, ca. 11°30'N 162°10'E 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, and T. Scanland

Superfamily OXYRHYNCHA

Family Majidae

Eucinetops lucasi Stimpson

C 2107 SI065-289 Agu Verde Bay, Golfo de Calif. 25°31.2'N 111°04.8'W 0-15 ft. July 11, 1965 coll. B. Walker

C 2051 RR65-30 near Pta. San Telmo, Baja Calif. 25°18'N 110° 57.5'W July 10, 1965 0-10 ft. noxfish & snorkel rocky coll. B. Walker

Eucinetops rubella Rathbun

C 2193 RR65-69 Carmen Is., Gulf of Calif. ca. 26°04'N 111°05'W N. end of Pta. Lobos 0-20 ft. noxfish July 7, 1965 coll. B. Walker

Eupogonatha bifida Rathbun

C 734 MB-6904-4 TR #149 April 25, 1969 28°47.0'N 112°10.0'W 28°49.7'N 112°10.6'W 25m 17 ft. otter trawl 6-1/2 mi. E. of S. end of Tiburon Is. coll. Moser

C 727 SI070-251 MB-6904-3 TR #148 27°46.5'N 110°45.0'W 27°46.5'N 110°43.0'W 46m 17 ft. otter trawl April 23, 1969 11-1/2 mi. S.E. of Guaymas, Mexico coll. Moser

C 1125 MV73-I-8 N.E. of Isla Maria Madre, Tres Marias Islas, Mexico 21°56.1'N 106°12.2'-10.0'W 55m 40' otter trawl March 31, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

C 1152 MV73-I-9 N.E. of Is. Maria Madre 21°57.0'N 106°10.0'W 21°56.0'N 106°11.0'W 51m 40' otter trawl March 31, 1973 R/V Agassiz coll. Carl Hubbs, S. Luke

C 1180 MV73-I-40 Golfo de Tehuantepec, Mexico 14°44.8'N 93°00.0'W 14°41.2'N 93°02.0'W 82-88m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

C 1270 MV73-I-39 N.E. shore of Golfo de Tehuantepec, Mexico 14°42.0'N 92°54.1'W 14°44.0'N 92°56.0'W 55m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

C 1296 MV73-I-12 Bahia Chamela, Mexico 19°32.5'N 105°10.5'W 19°35.0'N 105°11.0'W 66-71m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke

C 2091 SI057-209 S. & S.W. of Isla Nego, Baja Calif. W. shore of Guadalupe Is. 28°54.2'N 118°17.5'W shell dredge 33-55m Dec. 14, 1957 coll. C. Hubbs on 'Stranger'

C 2180 RR65-50&51 Bahia Santa Inez, Baja Calif. 26°58'N 111°55'W 40-82m 40' otter trawl July 14, 1965 coll. C. Hubbs

C 2190 P176-60 off Costa de Hermosillo, Sonora, Mexico 28°27.8'N 112°08.8'W 82m shell dredge March 23, 1960 coll. R. Parker

C 2207 MV65-I-67 Canal de Ceralbo, on W. side of Pta. Gorda 24°11'N 109°59'W 81-84m 45' otter trawl July 2, 1965 R/V Horizon coll. C. Hubbs

C 2133 Cedros Island, Baja Calif., Mexico trawling at 33m Sept. 1, 1908 ca. 28°15'N 115°15'W

C 2175 P191-60 off Santa Rosalia, Baja Calif., 28°41.0'N 112°06.0'W 35-26m 10' otter trawl March 25, 1960 coll. R. Parker

C 2060 El Golfo II BT-150 Banderas Bay, Mexico 20°44'N 105°24.6'W June 2, 1965 95 ft. 20' otter trawl coll. T. Matsui

- C 2661 B6411-3 TR #112 Pta. Marquis, Baja Calif. Sur 23°34'N 110°23'W 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas (SI064-867)
- C 2746 Vermilion Sea VSS-104 bay, E. side of Angel de La Guarda, ca. 29°17'N 113°21'W 73m shell dredge April 10, 1959 R. Parker
- Collodes gibbosus (Bell)
- C 1190 MV73-I-96 Golfo de Nicoya, Costa Rica 09°27.3'N 84°30.1'W 09°27.7'N 84°31.3'W 31m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1414 MV73-I-95 Golfo de Nicoya, Costa Rica 09°27.5'N 84°21.7'W 09°28.3'N 84°24.2'W 26-24m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1481 MV73-I-22 near Pt. Lizardo, Michoacan 18°06.7'N 102°56.0'W 18°07.5'N 102°57.3'W 22-24m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Collodes granosus Stimpson
- C 1275 MV73-I-38 Golfo de Tehuantepec, Mexico 15°30.0'N 93°22.0'W 15°31.0'N 93°23.1'W 22m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Collodes tenuirostris Rathbun
- C 2745 Vermilion Sea VSS-104 bay, E. side of Angel de La Guarda, ca. 29°17'N 113°21'W 73m shell dredge April 10, 1949 R. Parker
- C 2179 RR65-50&51 Bahia Santa Inez, Baja Calif. 26°58'N 111°55'W 40-82m 40' otter trawl July 14, 1965 coll. C. Hubbs
- C 1206 MV73-I-74 Golfo de Nicoya, Costa Rica 09°37.4'N 84°49.0'W 09°37.7'N 84°51.8'W 86m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1410 SI070-253 6-1/2 mi. N.W. of Cabo Lobos 29°58.0'N 112°50.5'W 30°00.0'N 112°53.6'W 91m 17' otter trawl April 26, 1969 coll. Moser MB-6904-6 TR #151
- C 1413 SI065-292 W. side of Isla Monserrate 25°39.5'N 111°04.9'W 25°38.6'N 111°04.6'W 40' otter trawl July 11, 1965 R/V Horizon RR65-38 coll. R. Rosenblatt
- C 1418 MV68-I-28 W. of S. part of Isla Espiritu Santo, Bahia de La Paz, Baja Calif. Mexico 24°23.1'N 110°21.5'W 24°23.7'N 110°22.6'W 59-77m 40' otter trawl Jan. 12, 1968 R/V T. Washington coll. C. Hubbs
- C 1419 SI065-257 (RR65-3) Bahia de La Paz, Mexico 24°20.0'N 110°27.8'W 24°18.6'N 110°25.4'W 55-81m 40' otter trawl July 5, 1965 coll. W. Baldwin
- C 1196 MV73-I-95 Golfo de Nicoya, Costa Rica 09°27.5'N 84°21.7'W 09°28.3'N 84°24.2'W 26-24m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1114 MV73-I-2 N.E. of Maria Madre Is. Tres. Marias Is., Mexico 22°00'N 106°16'W 82-88m 25' otter trawl March 30, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Collodes sp.
- C 1372 MV73-I-67 N. Nicaragua 12°41.2'N 87°43.0'W 12°43.0'N 87°46.6'W 59-53m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Paradasyggius depressus (Bell)
- C 928 TEPE70-19 Islas Cavada, Islas Secas ca. 08°N 82°W Sept. 23, 1970 ca. 40m bought from Panamanian shrimp boat coll. Newman, Dana Luke R/V A. Helix
- C 725 SI070-251 MB-6904-3 TR #148 27°46.5'N 110°45.0'W 27°46.5'N 110°43.0'W 46m 17 ft. otter trawl April 23, 1969 11-1/2 mi. S.E. of Guaymas Mexico coll. Moser
- C 1214 MV73-I-74 Cabo Blanco, Costa Rica 09°33.2'N 85°12.8'W 09°34.1'N 85°14.0'W 79-75m 25' otter trawl April 19, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1250 MV73-I-20 Pta. Lizardo, Mexico 18°05.0'N 102°57.5'W 18°06.0'N 102°59.8'W 46-49m otter trawl April 14, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1247 MV73-I-21 E.S.E. from Punta San Telmo nearer Pta. Lizardo, Mexico 18°06.5'N 102°57.3'W 18°07.0'N 102°58.6'W 37-38m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1241 MV73-I-73 Cabo Blanco, Costa Rica 09°46.6'N 85°25.0'W 09°47.5'N 85°26.7'W 60m 25' otter trawl April 18, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1436 MV68-I-28 W. of S. part of Is. Espiritu Santo, Bahia de La Paz 24°23.1'N 110°21.5'W 24°23.7'N 110°22.6'W 59-77m 40' otter trawl Jan. 12, 1968 R/V T. Washington coll. C. Hubbs
- C 1435 MV68-I-37 Bahia Santa Inez, Gulf of Calif. 26°58.3'N 111°55.4'W 26°57.6'N 111°31.7'W 62m 41' otter trawl Jan. 14, 1968 R/V T. Washington coll. C. Hubbs
- C 1434 SI065-304&5 (RR50&51) Bahia Santa Inez 26°56.6'N 111°50.9'W 26°59.9'N 111°58.8'W 40-82m 40' otter trawl July 14, 1965 coll. W. Baldwin
- C 1431 MV68-I-29 W. of Isla del Espiritu Santo, Bahia de La Paz 24°24.3'N 110°23.7'W 24°25.6'N 110°25.5'W 82-119m 40' otter trawl Jan. 12, 1968 R/V T. Washington coll. C. Hubbs
- C 1430 MV68-I-34 Bahia Santa Inez, Gulf of Calif. 26°56.9'N 111°55.7'W 26°55.2'N 111°55.2'W 42-49m otter trawl Jan. 14, 1968 R/V T. Washington coll. C. Hubbs
- C 1428 MV73-I-23 near Pta. Lizardo, Michoacan, Mexico 18°05.2'N 102°56.0'W 18°07.2'N 103°00'W 75-70m 40' otter trawl April 14, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 2388 El Golfo II BT-162 Golfo de Tehuantepec, Mexico 15°48.6'N 95°58'W 55m 20' otter trawl June 6, 1965 T. Matsui
- Pyromaija tuberculata (Lockington)
- C 1885 'ECCE' San Juanito Bay, Baja Calif. 26°14'N 112°28'W sandy beach intertidal July 20, 1975 coll. Hemingway, Luke
- C 2034 P159-60 Islas Tres Marias, Mexico 22°30.8'N 106°01.2'W March 11, 1960 46-57m 10' otter trawl coll. R. Parker
- C 2074 Carlsbad Lagoon, Carlsbad Calif. March 23, 1957 coll. Kettner (C) #3
- C 2075 Cedros Is., Baja Calif. Sept. 1, 1908 33m trawl
- C 2113 6108 B-50 Banderas Bay, Mexico 20°41'N 105°22'W 10' otter trawl #11 45-55m Aug. 21, 1961 coll. F.H. Berry
- C 2112 San Diego Gas & Electric intake pipe, San Diego, Calif. 1950 coll. David Arthur
- C 2111 San Diego Bay collections, San Diego, Calif. from pier pilings July 28/29, 1915 coll. P.S. Barnhart
- C 2210 SI070-70 Sonora, Mexico, off Cerro Colorado, shrimp trawler 37m March 17-18, 1970 coll. R. McConnaughey
- C 2145 South Coronado Is., Baja Calif. Norte ca. 32°22'N 117°10'W Nov. 9, 1946 coll. C. Hubbs on E.W. Scripps'
- C 2146 South Coronado Is., Baja Calif. Mexico ca. 32°22'N 117°10'W Aug. 2, 1948 coll. C. Hubbs on E.W. Scripps

- C 2147 1000 ft. off end of Scripps Inst. Pier, small trawl April 29, 1917
- C 2160 H48-215-222 S. Coronado Is., Baja Calif. 32°23'N 117°11'W Aug. 11, 1948 15-55m pipe stem dredge coll. C. Hubbs on 'E.W. Scripps'
- C 2166 cf. San Diego, Calif. Oct. 21, 1951
- C 2176 P191-60 off Santa Rosalia, Baja Calif. 28°41.0'N 112°06.0'W March 25, 1960 35-26m 10' otter trawl coll. Parker
- C 2218 H51-26 Bahia Todos Santos, Baja Calif. Norte Feb. 5, 1951 18-22m coll. C. Hubbs on 'Orca'
- C 1438 SI062-52 6108-B-52 Banderas Bay, Mexico 20°40.9'N 105°22.5'W 20°41.6'N 105°24.2'W 208-212 ft. 10' otter trawl #73 Aug. 21, 1961 1715-1745 M/V Black Douglas coll. F.H. Berry
- C 2317 H51-27 Bahia Todos Santos, Baja Calif. Norte ca. 31°45'N 116°40'W 37m dredge Feb. 5, 1951 coll. C. Hubbs on 'Orca'
- C 2322 SI064-887 Pta. Pequena, Baja Calif. Sur, Mexico 26°12'N 112°35'W 55-51m 16' otter trawl Nov. 16, 1964 R/V B. Douglas
- C 2744 Vermilion Sea VSS-104 bay, E. side of Angel de La Guarda ca. 29°17'N 113°21'W 73m shell dredge April 10, 1959 R. Parker
- C 322 SI062-236 S. arm of Bahia de Los Angeles, Baja Calif. ca. 28°56'N 113°22'W 22-37m shrimp trawlers April 26, 1962 R. Rosenblatt
- C 733 MB-6904-4 TR #149 April 25, 1969 28°47.0'N 112°10.0'W 28°49.7'N 112°10.6'W 25m 17 ft. otter trawl 6-1/2 mi. E. of S. end of Tiburon Is. coll. Moser
- C 726 SI070-251 MB-6904-3 TR #148 27°46.5'N 110°45.0'W 27°46.5'N 110°43.0'W 46m 17' otter trawl April 23, 1969 11-1/2 mi. S.E. of Guaymas, Mexico coll. Moser
- C 722 SI070-253 M-B-6904-6 TR #151 29°58.0'N 112°50.5'W 30°00.0'N 112°53.6'W 91m 17 ft. otter trawl April 26, 1969 6-1/2 mi. N.W. of Cabo Lobos coll. Moser
- C 1118 MV73-I-3 N.E. of Is. Maria Madre, Islas Tres Marias, Mexico, 21°59'N 106°21'W 102-101m 25' otter trawl March 30, 1969 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1138 MV73-I-23 Pta. Lizardo, Michoacan, Mexico 18°05.2'N 102°56.0'W 18°07.2'N 103°00'W 75-70m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1167 Off San Felipe, Baja Calif., Mexico bought from shrimp trawler April 2, 1973 coll. C. Farwell
- C 1242 MV73-I-73 Cabo Blanco, Costa Rica 09°46.6'N 85°25.0'W 09°47.5'N 85°26.7'W 60m 25' otter trawl April 18, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1427 MV73-I-67 N. Nicaragua 12°41.2'N 87°43.0'W 12°43.0'N 87°46.6'W 58.5-53m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1426 Shore collections Scripps Inst. of Ocean. La Jolla, Calif. July 17, 1906
- C 1425 San Diego Bay off H dock 30-40 ft. April 19, 1963
- C 1424 White Oak effluent drainage S. of Palos Verde Peninsula, Los Angeles County SCUBA 20 ft. June 5, 1969 coll. R. Kiwal R. Gregg
- C 1422 SI065-257 Bahia de La Paz, Baja Calif. Mexico 24°20.0'N 110°27.8'W 24°18.6'N 110°25.4'W 55-81m 40' otter trawl July 5, 1965 coll. W. Baldwin RR65-3
- C 1421 San Felipe, Baja Calif. Norte, Mexico April 7, 1963 coll. K. Yonkers
- C 1420 San Diego Bay, San Diego, Calif. near quarantine Sta. Sept. 6-7, 1915 trawl
- C 1415 MV73-I-2 N.E. of Maria Madre Is. Tres Maria Is. Mexico 22°00'N 106°16'W 82-88m 25' otter trawl March 30, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1412 MV73-I-8 N.E. of Isla Maria Madre, Islas Tres Marias 21°56.1'N 106°12.2-10.0'W 55m 40' otter trawl March 31, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1443 South end of San Diego Bay, San Diego, Calif. 7-8 ft. June 18, 1909
- C 1441 H49-167 E. of S. end of Coronado Is., Mex. 32°23.5'N 117°10.6'W-32°24.9'N 117°10.6'W 27-31m CAS pipe dredge on sand bottom Nov. 27, 1949 coll. C. Hubbs on 'Orca'
- C 1440 SI065-313 RR65-59 off Punta Concepcion Baja Calif. Sur, Mexico 40' otter trawl July 15, 1965 coll. B.W. Walker R/V Horizon
- C 1439 Off Scripps Inst. of Ocean, La Jolla Calif. sand bottom 42 ft. Jan. 9, 1968
- C 1437 H47-133A&B San Diego Gas & Electric Co. San Diego Bay intake tunnel & dip net from overflow pipe July 3-30, 1947 coll. by staff of SDG&E & C. Hubbs
- C 1433 MV73-I-74 6-7 mi. W. of tip of Cabo Blanco, Costa Rica 09°33.2'N 85°12.8'W 09°34.1'N 85°14.0'W 79-75m 25' otter trawl April 19, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1538 M-15 OT-5 off San Onofre, Calif. 33°17'N 117°31.2'W 33°16.2'N 117°30.0'W 27m 25' otter trawl March 29, 1974 R/V Agassiz coll. Matsui, Burnett
- C 1533 M15 OT-6 off San Onofre, Calif. 33°16.6'N 117°32.0'W-33°15.5'N 117°30.6'W 54m 25' otter trawl March 29, 1974 R/V Agassiz coll. Matsui, Burnett
- C 1532 M15 OT-4 off San Onofre, Calif. 33°14.5'N 117°31.1'W 33°13.1'N 117°29.6'W 91m 25' otter trawl March 29, 1974 R/V Agassiz coll. T. Matsui, B. Burnett
- C 1423 El Golfo II Sta. 50-6 Altamura Is., Sinaloa, Mexico 24°43.0'N 108°10.4'W ca. 34m 20' otter trawl May 26, 1965 coll. Matsui
- Erioleptus spinosus Rathbun
- C 2109 SI057-209 S.W. of Islote Negro, W. shore of Guadalupe Is. Baja Calif. 28°54.2'N 118°17.5'W shell dredge 33-55m Dec. 14, 1957 coll. C. Hubbs on 'Stranger'
- C 2108 La Jolla Canyon, La Jolla, Calif. South wall 210 ft. Sept. 10, 1957 coll. J. Stewart USNM Acc. #213947
- C 2110 China Point, San Diego, Calif. 32°23.7'N 119°06.0'W 84m July 17, 1908
- C 2132 China Point, San Diego, Calif. 55-73m 4 ft. tan. trawl July 17, 1908
- C 2640 SI057-223 Melompene Cove, Isla Guadalupe Baja Calif. 28°51'N 118°16.8'W 27-73m pipe stem dredge Dec. 18, 1957 C. Hubbs on 'Stranger'
- Podochela hemphilli (Lockington)
- C 164 China Point, San Diego, Calif. 32°23.7'N 119°06.0'W rocky bottom 55-73m 4' tan. trawl July 7, 1908
- C 167 RR65-3 Bahia de La Paz, Baja Calif. Sur, Mexico 24°19'N 110°26'W 55-80m 40' otter trawl July 5, 1965 W. Baldwin (SI065-257)
- C 162 H50-30&31 Melompene Cove, Isla Guadalupe C.A.S. dredge 18-48m Jan. 29, 1950
- C 1033 Calif. Fish & Game Reef N. of Scripps Pier 70 ft. SCUBA July, 1972 coll. R. Bauer, Ed Gomez

- C 174 H49-37 off S. Coronado Is., Baja Calif. Norte $32^{\circ}24'36''N$ $117^{\circ}14'W$ 27-15m CAS dredge Apr. 23, 1949 C. Hubbs on 'Orca'
- C 165 Cedros Is., Baja Calif. Norte, Mexico ca. $27^{\circ}58'N$ $115^{\circ}13'W$ Sept. 1, 1908 Haul 1631
- C 163 South Coronado Is., Baja Calif. Mexico August 1948 on E.W. Scripps coll. C. Hubbs Calif. off SIO, La Jolla, 42 ft. sand bottom Jan. 9, 1968
- C 156 La Jolla, Calif. Feb. 22, 1963 Cat. No. XVIII-96
- C 171 Position $32^{\circ}40.7'N$ $117^{\circ}8.8'W$ June 18, 1909
- Podochela latimanus (Rathbun)
- C 1304 SIO68-242 5 mi. N.W. of Guaymas, Sonora Mexico ca. $27^{\circ}58'N$ $111^{\circ}00'W$ April 12, 1968 0-4 ft. chemfish & handnets coll. D. Hoese
- Podochela lobifrons Rathbun
- C 170 SIO65-250 Canal de Ceralbo, off Pta. Gordo, Baja Calif. $24^{\circ}11'N$ $109^{\circ}59'W$ 82m 45' otter trawl July 2, 1965 C. Hubbs
- Podochela vestita (Stimpson)
- C 173 SIO54-222 S. end of Guadalupe Is., Baja Calif., Mexico Nov. 18, 1954 49-37m pipe dredge C. Hubbs on 'Orca'
- Podochela sp.
- C 2747 Vermilion Sea VSS-104 bay, E. side of Angel de La Guarda, ca. $29^{\circ}17'N$ $113^{\circ}21'W$ 73m shell dredge April 10, 1959 R. Parker
- C 2662 B6411-3 TR #112 Pta. Marquis, Baja Calif. Sur $23^{\circ}34'N$ $110^{\circ}23'W$ 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas (SIO64-867)
- C 2641 SIO57-223 Melpomene Cove, Isla Guadalupe, Baja Calif. $28^{\circ}51'N$ $118^{\circ}16.8'W$ 27-73m pipe stem dredge Dec. 18, 1957 C. Hubbs on 'Stranger'
- C 2401 RR65-50&51 Bahia Santa Ines, Baja Calif. Sur $26^{\circ}59'N$ $111^{\circ}57'W$ 40-82m 40' otter trawl July 14, 1965 C. Hubbs
- C 2248 SB-39 beach 5 mi. N. of Guaymas, Sonora, Mexico April 10, 1960 coll. A. Flechsig on 'Orca'
- C 2148 China Point, San Diego, Calif. $32^{\circ}23.7'N$ $119^{\circ}06.0'W$ July 17, 1908
- C 2189 6105H Sta. 13 above Pta. Colnett, Baja Calif. Norte $31^{\circ}09'N$ $116^{\circ}34'W$ 33-48m 10' midwater trawl June 5, 1961 coll. Hodnett
- C 2048 RR65-30 near Pta. San Telmo, Baja Calif. $25^{\circ}18'N$ $110^{\circ}57.5'W$ rocky 0-10 ft. noxfish & snorkel July 10, 1965 coll. B. Walker
- C 2035 RR65-69 Carmen Is., Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ N. end of Pt. Lobos 0-20 ft. noxfish July 17, 1965 coll. B. Walker SIO65-323
- C 1648 H49-35 off S. Coronado Is. $32^{\circ}25.5'N$ $117^{\circ}13.9'W$ $32^{\circ}24.9'N$ $117^{\circ}14.9'W$ 29-23m CAS dredge April 23, 1949 coll. C. Hubbs on 'Orca'
- C 1659 H52-7 off mouth of Tijuana River $32^{\circ}33'N$ $117^{\circ}12'W$ deep water dredge 36m Feb. 26-27, 1952 coll. J. Isaacs
- C 1584 SIO65-265 (RR65-11) S. side of Isla San Jose, Gulf of Calif. $24^{\circ}52'25''N$ $110^{\circ}37.0'W$ ca. 20 ft. chemfish & SCUBA July 7, 1965 coll. R. Rosenblatt
- C 1540 M15 OT-9 off Long Beach, Calif. $33^{\circ}53.3'N$ $118^{\circ}09.2'W$ $118^{\circ}07.6'W$ 49m 40' otter trawl March 29, 1974 R/V Agassiz coll. Matsui, Burnett
- C 1544 M15 OT-11 Pta. Piedras Blancas, Calif. $35^{\circ}24.4'N$ $121^{\circ}42.8'W$ $35^{\circ}30.6'N$ $121^{\circ}52.7'W$ 1189-1170m 25' otter trawl March 31, 1974 R/V Agassiz coll. Matsui, Burnett
- C 1429 MV73-I-23 near Pta. Lizardo, Michoacan, Mexico $18^{\circ}05.2'N$ $102^{\circ}56.0'W$ $18^{\circ}07.2'N$ $103^{\circ}00'W$ 75-70m 40' otter trawl April 14, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1311 SIO68-235 W. of Guaymas, Sonora, Mexico Las Pintas Cove ca. $28^{\circ}N$ $111^{\circ}W$ 0-10 ft. plankton net April 8, 1968 coll. D. Hoese
- C 1269 MV73-I-39 N.E. Shore of Golfo de Tehuantepec, Mexico $14^{\circ}42.0'N$ $92^{\circ}54.1'W$ $14^{\circ}44.0'N$ $92^{\circ}56.0'W$ 55m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1109 MV73-I-1 La Paz Pier, Baja Calif. Sur
- C 169 From Zonstrea Bed off La Jolla, Calif. 40' Scuba March 21, 1969 coll. R. Kiwala
- C 172 Mission Bay 20' Scuba San Diego, Calif. April 1969 coll. R. Kiwala, T. Scanland
- C 168 RR65-38 W. side of Isla Monserrat, Baja Calif. Sur $25^{\circ}39'N$ $111^{\circ}04.8'W$ 40' otter trawl July 11, 1965 R. Rosenblatt (SIO65-292)
- C 389 SIO61-185 Los Angeles Bay, Baja Calif. Mexico 1961 V-4A
- C 160 SIO63-169 Haul #3 Melpomene Cove, Isla Guadalupe, Mexico $28^{\circ}53'N$ $118^{\circ}17'W$ 80-101 ft. try net April 22, 1963 R/V Horizon C. Hubbs
- C 161 SIO63-169 Haul #4 Melpomene Cove Isla Guadalupe, Mexico $28^{\circ}52.8'N$ $118^{\circ}16.5'W$ 67-73 ft. try net April 22, 1963 R/V Horizon C. Hubbs
- C 155 SIO64-870 between Pta. Marquis & Pta. Lobos, Baja Calif. Sur $23^{\circ}47'N$ $110^{\circ}46'W$ 65m 16' otter trawl Nov. 10, 1964 R/V B. Douglas (B6411-6)
- C 175 SIO57-209 S.S.W. of Islote Negro, Guadalupe Is., Mexico $28^{\circ}54'N$ $118^{\circ}17.5'W$ 33-55m shell dredge Dec. 14, 1957 C. Hubbs on R/V Stanger
- C 157 SIO62-231 E. side of Pta. Arenas, Bahia de Los Angeles, Baja Calif. Norte $28^{\circ}59.9'N$ $113^{\circ}34'W$ 150' bag seine 6m April 25, 1962 C. Hubbs
- C 166 RR65-32 N. of Pta. San Telmo, Baja Calif. Sur $25^{\circ}18'N$ $110^{\circ}57.5'W$ 0-4 ft. noxfish July 10, 1965 B.W. Walker (SIO65-286)
- cf. Podochela
- C 1377 SIO67-133 Ensenada Camp, N. of San Felipe, Baja Calif. Gulf of Calif. ca. $31^{\circ}N$ $114^{\circ}48'W$ 0-2 ft. hand net & seine May 22-23, 1967 coll. D. Hoese low tide
- C 1483 MV73-I-67 Northern Nicaragua $12^{\circ}41.2'N$ $87^{\circ}43.0'W$ $12^{\circ}43.0'N$ $87^{\circ}46.6'W$ 58.5-53m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Stenorynchus debilis (Smith)
- C 911 TEPE70-16 Puerto Armuelles, Panama $08^{\circ}16.0'N$ $82^{\circ}51.5'W$ 3 cham. trap 31m Sept. 20-21, 1970 R/V Alpha Helix 1400-D600 coll. W. Newman, T. Dana, S. Luke
- C 732 MB-6904-4 TR #149 April 25, 1969 $28^{\circ}47.0'N$ $112^{\circ}10.0'W$ $28^{\circ}49.7'N$ $112^{\circ}10.6'W$ 46m 17 ft. otter trawl 6-1/2 mi. E. of S. end of Tiburon Is. coll. Moser
- C 388 SIO63-504 Golfo de Tehuantepec, Mexico, off Santa Cruz $15^{\circ}57'N$ $95^{\circ}00'W$ 50-73m July 8, 1963 12' try net D. Dockins & party

- C 1124 MV73-I-8 N.E. of Isla Maria Madre, Tres Marias Islas, Mexico $21^{\circ}56.1'N$ $106^{\circ}12.2'W$ $10.0'W$ 55m 40' otter trawl March 31, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1171 MV73-I-14 Bahia Chamela, Mexico $19^{\circ}34.2'N$ $105^{\circ}08.2'W$ $19^{\circ}33.7'N$ $105^{\circ}07.4'W$ 27-18m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1234 MV73-I-73 Cabo Blanco, Costa Rica $09^{\circ}46.6'N$ $85^{\circ}25.0'W$ $09^{\circ}47.5'N$ $85^{\circ}26.7'W$ 60m 25' otter trawl April 18, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1271 MV73-I-38 Golfo de Tehuantepec, Mexico $15^{\circ}30.0'N$ $93^{\circ}22.0'W$ $15^{\circ}31.0'N$ $93^{\circ}23.1'W$ 22m 40' otter trawl April 10, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1370 MV73-I-67 N. Nicaragua $12^{\circ}41.2'N$ $87^{\circ}43.0'W$ $12^{\circ}43.0'N$ $87^{\circ}46.6'W$ 59-53m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1147 MV73-I-9 N.E. of Is. Maria Madre $21^{\circ}57.0'N$ $106^{\circ}10.0'W$ $21^{\circ}56.0'N$ $106^{\circ}11.0'W$ 51m 40' otter trawl March 31, 1973 R/V Agassiz coll. Carl Hubbs, S. Luke
- C 1663 TEPE70-3 Panama, Pacific side $07^{\circ}19.1'N$ $81^{\circ}45.2'W$ $07^{\circ}19.3'N$ $81^{\circ}45.6'W$ 22-31m rock dredge, Sept. 15, 1970 R/V A. Helix coll. W. Newman, S. Luke
- C 1203 MV73-I-94 Golfo de Nicoya, Costa Rica $09^{\circ}37.4'N$ $84^{\circ}49.0'W$ $09^{\circ}37.7'N$ $84^{\circ}51.8'W$ 86m 25' otter trawl April 22, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 2058 El Golfo II-BT-150 Banderas Bay, Mexico $20^{\circ}44'N$ $105^{\circ}24.6'W$ June 2, 1965 95 ft. 20' otter trawl coll. T. Matsui (SI065-160)
- C 2047 RR65-30 near Pta. San Telmo, Baja Calif. $25^{\circ}18'N$ $110^{\circ}57.5'W$ July 10, 1965 0-10 ft. noxfish & snorkel rocky coll. B. Walker
- C 2096 RR65-38 W. side of Isla Monserrate, Golfo de Calif. $25^{\circ}39'N$ $111^{\circ}04.8'W$ 40' otter trawl July 11, 1965 coll. R. Rosenblatt
- C 2106 RR65-40 W. side of Isla Monserrate Mexico $25^{\circ}38'N$ $111^{\circ}04'W$ 91-73m 40' otter trawl July 12, 1965 coll. R. Rosenblatt (SI065-294)
- C 2105 Channel Buoy N-10, San Diego Harbor, San Diego- Calif. Aug. 10, 1955 45 ft. coll. Ramsey Parks
- C 2104 5708-S San Fransicito Bay, Baja Calif. ca. $28^{\circ}25'N$ $112^{\circ}50'W$ 6-8 ft. rocks under seaweed Aug. 28, 1957 coll. Gilkey
- C 2103 6108-B-36 off Mexico, below Cabo Corrientas $20^{\circ}41'N$ $105^{\circ}22'W$ 118-130 ft. 16' otter trawl Aug. 19, 1961 coll. F.H. Berry (SI062-36)
- C 2102 SI064-867 Baja Calif. Sur, Mexico $23^{\circ}28'N$ $110^{\circ}23'W$ Nov. 9, 1964 64m R/V Black Douglas between Pta. Marquis & Pta. Lobos otter trawl
- C 2101 RR65-3 Bahia de La Paz, Baja Calif. Mexico $24^{\circ}19'N$ $110^{\circ}26'W$ 55-80m 40' otter trawl July 5, 1965 coll. W. Baldwin SI065-257
- C 2100 Pta. Tosca off Sta. Margarita, Magdalena Bay, Baja Calif. 65-75 ft. Feb. 3, 1964
- C 2099 El Golfo II Sta. 50-6 Altamura Is., Sinaloa Mexico May 26, 1965 ca. 34m 20' otter trawl $24^{\circ}43.0'N$ $108^{\circ}10.4'W$ coll. T. Matsui
- C 2098 MV68-I-28 Isla Espiritu Santo, Bahia de La Paz $24^{\circ}23.5'N$ $110^{\circ}22'W$ 59-77m 40' otter trawl Jan. 12, 1968 R/V T. Washington coll. C. Hubbs
- C 2206 MV65-I-67 Canal de Ceralbo, on W. side of Pta. Gorda $24^{\circ}11'N$ $109^{\circ}59'W$ 81-84m 45' otter trawl July 2, 1965 R/V Horizon coll. C. Hubbs
- C 2137 Pearl Is., Isla San Jose, pocket beach 1/4 mi. N. of Pta. Cruz ca. $08^{\circ}20'N$ $79^{\circ}20'W$ rotenone & diving 0-4 ft. March 28, 1967 coll. R. Rosenblatt
- C 2231 SB-51 Tombola at S.W. tip of Isla San Jose ca. $24^{\circ}45'N$ $110^{\circ}35'W$ intertidal April 15, 1960 coll. A. Flechsig on 'Orca'
- C 2246 SB-39 beach 5 mi. N. of Guaymas, Sonora, Mexico ca. $27^{\circ}55'N$ $111^{\circ}W$ intertidal April 10, 1960 coll. A. Flechsig on 'Orca'
- C 2389 El Golfo II BT-62 Golfo De Tehuantepec, Mexico $15^{\circ}48.6'N$ $95^{\circ}58'W$ 55m 20' otter trawl June 6, 1965 T. Matsui
- C 2663 B6411-3 TR #112 Pta. Marquis, Baja Calif. Sur $23^{\circ}34'N$ $110^{\circ}23'W$ 64m 16' otter trawl Nov. 9, 1964 R/V B. Douglas (SI064-867)
- Hyas lyratus Dana
- C 2095 Sweeper Cove, Adak, Alaska Dock #9 ca. $52^{\circ}N$ $177^{\circ}W$ 30-50 ft. caught in fish trap muddy-sand bottom Aug. 20, 1953 coll. McGowan
- C 2115 Friday Harbor, Washington July 1921 coll. Johnson & Snook
- C 2118 Point Barrow, Alaska ca. $71^{\circ}N$ $157^{\circ}W$ 40-120 ft. Aug. 3, 1958
- Hyas coarctatus Brandt
- C 2097 Point Barrow, Alaska ca. $71^{\circ}N$ $157^{\circ}W$ 40-120 ft. Aug. 3, 1958
- Chionoecetes tanneri Rathbun
- C 2212 S.E. San Nicolas Is., Calif. 1189-732m Dredge #15 June 1, 1969 R/V Agassiz coll. Edwin Allison
- C 1651 CalCofi 74126/II off Pta. Piedras Blancas $35^{\circ}43.3'N$ $121^{\circ}44.1'W$ $35^{\circ}35.8'N$ $121^{\circ}44.8'W$ 914m 25' otter trawl #5 Dec. 10, 1974 R/V Agassiz coll. T. Matsui
- C 1678 A-19 Afterthot II West Cortez Basin $32^{\circ}27.7'N$ $119^{\circ}33.8'W$ $32^{\circ}27.9'N$ $119^{\circ}34.1'W$ 1445m 25' otter trawl May 7, 1975 R/V Agassiz coll. J. Siebenaller
- C 1542 M15 OT-11 Pta. Piedras Blancas, Calif. $35^{\circ}24.4'N$ $121^{\circ}42.8'W$ $35^{\circ}30.6'N$ $121^{\circ}52.7'W$ 1189-1170m 25' otter trawl March 31, 1974 R/V Agassiz coll. Matsui, Burnett
- C 633 R/V Melville's 1st cruise, San Diego trough, Baja Calif. 25' otter trawl $32^{\circ}23.5'-32^{\circ}28.8'N$ $117^{\circ}31.75'-117^{\circ}31.01'W$ 1207-1234m mud bottom Dec. 13, 1969 1420 M.W.O. 3600 coll. Hessler, Rokop & Luke
- C 1545 M15 OT-12 Pt. Piedras Blancas, Calif. $35^{\circ}29.3'N$ $121^{\circ}35.8'W$ - $35^{\circ}34.5'N$ $121^{\circ}42.0'W$ 906m 25' otter trawl April 1, 1974 R/V Agassiz coll. Matsui, Burnett
- C 1552 M15 OT-13 off Pta. Piedras Blancas, Calif. $35^{\circ}32.1'N$ $121^{\circ}24.5'W$ - $35^{\circ}37.9'N$ $121^{\circ}29.7'W$ 567-603m 25' otter trawl April 1, 1974 R/V Agassiz coll. T. Matsui, B. Burnett
- C 787 Cruise M-1 Sta #2 San Diego Trough $32^{\circ}53.8'N$ $117^{\circ}29.9'W$ $32^{\circ}58.9'N$ $117^{\circ}33.8'W$ 741-768m 25' otter trawl Feb. 3, 1971 R/V Agassiz coll. Matsui
- C 968 Rokop 71-41 Tanner Basin $32^{\circ}51.0'N$ $119^{\circ}32.0'W$ $32^{\circ}47.0'N$ $119^{\circ}28.5'W$ 1391m 25' otter trawl July 13, 1971 R/V Agassiz coll. F. Rokop
- Chionoectes bairdi Rathbun
- C 2982 TP-26 Bering Sea, Adak Is., Alaska, Pier #9 taken in crab trap Aug. 16-20, 1953 E. Brinton, J. McGowan

- C 752 Seventow-Leg 7 Sta. Hessler #44 52°15.4'N 174°18.8'W Korovin Bay, Alaska 35-42m Epibenthic sled July 22, 1970 R/V Washington coll. R. Hessler, F. Rokop, S. Luke
- Pitho sexdentata Bell
- C 2447 RR65-46 Salinas Bay, Carmen Is., 25°58.4'N 111°05.8'W 0-7 ft. noxfish & skindiving July 13, 1965 B. Walker
- C 2041 RR65-69 Carmen Is., Gulf of Calif. ca. 26°04'N 111°05'W N. end at Pt. Lobos 0-20 ft. noxfish July 17, 1965 coll. B. Walker (SIO65-323)
- Pitho pictei (Saussure)
- C 2652 RR65-42 Bahia Agua Verde, Baja Calif. Sur 25°30.7'N 111°04.2'W 5 ft. noxfish July 12, 1965 W. Baldwin (SIO65-296)
- C 2770 Mulege, Baja Calif. Sur, Mexico ca. 26°50'N 112°W mouth of Mulege River in lagoon-common sense seine Mar. 25, 1975 R. Bauer
- C 2086 Mag Bay A-12 S. of Pta. Magdalena, in Magdalena Bay 24°33'N 112°07'W dip net Jan. 29, 1964 coll. H. Lowenstam
- Tyche lamellifrons Bell
- C 2043 RR65-69 Carmen Is., Gulf of Calif. ca. 26°04'N 111°05'W N. end of Pt. Lobos 0-20 ft. noxfish July 17, 1965 coll. B. Walker (SIO65-323)
- C 2211 SIO67-40 Isla Saboga near village, along reef edge, Pear Is., Panama 0-10 ft. rotenone & diving March 30, 1967 1100-1315 coll. R. Rosenblatt
- C 2468 RR65-90 Isla Santa Cruz, Baja Calif. Sur ca. 25°19'N 110°44'W 20-30 ft. chemfish & SCUBA July 22, 1965 R. Rosenblatt
- Tyche sp.
- C 2052 RR65-30 near pta. San Telmo, Baja Calif. 25°18'N 110°57.5'W July 10, 1965 0-10 ft. noxfish & snorkel rocky coll. B. Walker
- Mimulus foliatus Stimpson
- C 1980 Pacific Grove, Calif. Feb. 1921 coll. Myrtle Johnson
- C 1979 Pt. Loma, Calif. March 7, 1963
- C 2025 SIO67-151 off San Simeon Point, San Luis Obispo, Calif. Nov. 12, 1966 10-12 ft. rocks coll. Hobson & Baldwin
- Pugettia gracilis Dana
- C 1981 Olympic Peninsula, La Push, Washington coll. David Jensen
- C 1982 La Jolla, Calif. Feb. 22, 1963
- C 1984 La Jolla, Calif. Pier piles Nov. 6, 1915 coll. P.S. Barnhart idt. USNM Trans. 152/786
- C 1210 Friday Harbor Lab Pier pilings Friday Harbor, Washington May 1973 coll. R. Bauer
- C 3663 DW76-5-5 Alert Bay, British Columbia, rocky intertidal Aug. 27, 1976 D. Wilke
- C 2134 Scrapings from end piles of the Scripps Inst. Pier (1000 ft. offshore) Nov. 8, 1915
- Pugettia dalli Rathbun
- C 1595 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 2318 H51-27 Bahia Todos Santos, Baja Calif. Norte ca. 31°45'N 116°40'W 37m dredge Feb. 5, 1951 coll. C. Hubbs on 'Orca'
- C 2159 H48-215-222 S. Coronado Is., Baja Calif. 32°23'N 117°11'W Aug. 11, 1948 15-55m pipe stem dredge coll. C. Hubbs on 'E.W. Scripps'
- C 2156 H48-229 Bahia Descanso, E. of Sugar Loaf Rock, Baja Calif. ca. 32°20'N 117°05'W 20-26m pipe dredge Aug. 13, 1948 coll. C. Hubbs on 'E.W. Scripps'
- C 2139 Turtle Bay, Baja Calif. Sur Mexico, on stipe holdfast ca. 27°41'N 114°53'W Nov. 20, 1959
- C 2138 Reef North of Scripps Pier, La Jolla, Calif. July 3, 1946 coll. Sam Hinton
- C 2117 San Diego Bay, San Diego, Calif. near quarantine station, trawl Sept. 6-7, 1915
- C 1999 La Jolla, Calif. 1915-1916 coll. H.O. Falk
- C 2000 S. Coronado Is., Baja Calif., Mexico Aug. 2, 1948 coll. C. Hubbs on 'E.W. Scripps'
- C 2001 Shore collection Point Loma, and North Isla sand flats July 9, 1906 coll. Capt. Cabril
- C 2002 SIO H49-37 off S. Coronado Is., Baja Calif. Mexico April 23, 1949 coll. C. Hubbs
- C 2003 Marine Room, La Jolla Beach & Tennis Club, La Jolla, Calif. May 20, 1969 coll. T. Cukr
- C 1997 Areas ground San Diego, Calif. Feb.-May, 1963
- C 386 H49-167b,c, Baja Calif. off S. end of Coronado Is. 26-31m Carl Hubbs & party 'Orca' Nov. 27, 1949 ca. 32°24.2'N 117°12.0'W
- Pugettia producta (Randall)
- C 1314 San Diego, Calif. Point Loma Sept. 22, 1968
- C 2005 La Jolla, Calif. April 29, 1966
- C 2006 Point Loma, San Diego, Calif. intertidal July 16, 1904
- C 2007 Pier Pilings - San Diego Bay, San Diego, Calif. Dec. 6-7, 1915 coll. H.O. Falk
- C 2008 South Coronado Is., Baja Calif., Mexico Nov. 9, 1946 coll. C. Hubbs on 'E.W. Scripps'
- C 2010 SIO63-1052 S. end of Colima de Suoeste W. of Bahia San Quintin, Baja Calif. Mexico Nov. 30, 1963 coll. Keith Radford
- C 2013 DFH66-28 Duxbury Reef, Bolinas Bay, Mendocino Co., Calif. intertidal rocks May 7, 1966 coll. W. Newman
- C 2014 SIO57-113A Piedras Blancas, Baja Calif. Norte 31°17'40"N 116°25'05"W 0-6 ft. tidepool June 27, 1957 C. Hubbs
- C 2015 Tide pools N. of Scripps pier, La Jolla, Calif. Jan. 28, 1915 coll. P.S. Barnhart
- C 2016 Point Loma reef, San Diego, Calif. Feb. 5, 1955 coll. P.W. Johnson
- C 2017 North reef, Scripps Inst. of Ocean. Feb. 7, 1963
- C 2018 La Jolla, Calif. 'casa' area July 11, 1968 tide pools coll. T. Cukr
- C 2023 SIO54-189 Cuyler Harbor, San Miguel Is., Calif. 34°03'N 120°21.5'W 8 ft. 100' bag seine, sand beach Sept. 16, 1954 1100-1130 coll. C. Hubbs
- C 2022 H47-205a 1400m S. of Rio Santo Tomas' mouth. Pools at S. side of Point. Midway between Pta. Clara & Pta. China. 0-2-1/2 ft. Derris & dipnets Dec. 29, 1947 coll. C. Hubbs boulders & kelp
- C 2019 La Jolla Caves area, La Jolla, Calif. Feb. 25, 1968 tidepool
- C 2068 Frenchman's Reef, 1 mi. S. of Moss Beach, San Mateo Co., Calif. March 12, 1961 3 ft. rotenone & dipnet tide pool coll. K. Radford, A. Stover
- C 2067 MV71-I-44 on kelp floating near this station 31°19'N 117°26'W off Rio San Vincente, Baja Calif. May 30, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 2082 La Jolla Pier piles, Nov. 6, 1915
- C 3658 Saucer Dive #345 due W. of Bird Rock. La Jolla, Calif. 110-200m Apr. 17, 1965 R. Ford

- C 1596 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- C 1803 'ECCE' B.T.-22 Bahia Tortugas, Baja Calif. 27°41'N 114°53'W upper mid-intertidal July 31, 1975 coll. Hemingway, Luke
- C 1893 'ECCE' PB-38 Pta. Baja, Baja Calif. 29°57'N 115°48'W mid-intertidal Aug. 9, 1975 coll. Hemingway, Luke
- C 1861 'ECCE' SR-35 St. Rosalillita, Baja Calif. 28°40'N 114°14'W rocky intertidal Aug. 7, 1975 coll. Hemingway, Luke
- C 1012 On kelp - Point Loma Kelp Beds collected off Kelco Co. kelp cutter boat Jan. 17, 1972
- C 1308 SIO69-249 reef 2.1 mi. N. of Park at San Simeon, San Luis Obispo, Calif. 0-12 ft. Quinaldine May 4, 1969 coll. R. Rosenblatt
- C 2009 La Jolla, Calif. Oct. 25, 1916 collected from mussels taken from reef off Scripps Inst.
- Pugettia venetae Rathbun
- C 381 Sea Lab 57 picked off Gorgonian from ~250' canyon Oct. 5, 1965 R. Grigg
- C 2359 Farnsworth Bank, Catalina Is., Calif. Dec. 14, 1969 80-90 ft. SCUBA J. McCosker
- C 2004 South Wall of La Jolla Canyon, La Jolla, Calif. 210 ft. Sept. 10, 1957 coll. C. Limbaugh, J. Stewart USNM Acc. No. 213947 id. F. A. Chace Jr.
- Pugettia richii Dana
- C 2066 H48-215-222 S. Coronado Is., Baja Calif. 32°23'N 117°10'W 15-55m pipe stem dredge Aug. 11, 1948 coll. C. Hubbs on 'E. W. Scripps'
- C 2020 Dana Pt. Marina, Mission Bay, San Diego Calif. SCUBA June 22, 1969 6 ft. from Hirrites shall coll. T. Cukr
- C 2024 H49-36 S. of S. Coronado Is., Baja Calif. 32°24.5'N 117°14.5'W 24-13m CAS pipe dredge April 23, 1949 coll. C. Hubbs on 'Orca'
- C 2026 H51-34 reef on N. side of Pta. Banda, S. side of Todos Santos Bay, Feb. 6, 1951 1430-1730 derris poisoning coll. C. Hubbs on 'Orca'
- C 2027 SIO63-1055 outside of San Quintin Bay, N.W. of Mt. Mazo 30°22'N 116°00'W 0-3 ft. sand beach tidepool Dec. 1, 1963 rotenone coll. K.W. Radford
- C 1998 Duxbury Reef, Bolinas, Calif. intertidal rocks May 7, 1966 coll. W. Newmann
- C 1996 Areas around San Diego, Calif. Feb.-May 1963
- C 1994 Coronados Islas, Baja Calif. Mexico June 12, 1963 coll. P. Wiebe
- C 1993 H49-167a,b,c, E. end of S. Coronado Is., Baja Calif. 32°24.2'N 117°12.0'W 27-31m CAS pipe dredge Nov. 27, 1949 coll. C. Hubbs on 'Orca'
- C 1992 SIOH51-20 Beach on W. side of Pta. Banda, E. of fish camp, Baja Calif. Feb. 3, 1951 coll. C. Hubbs
- C 1991 SIO H49-37 off S. Coronado Is., Baja Calif. April 23, 1949 coll. C. Hubbs
- C 1990 Spanish Bight & Beach, foot of jetty, San Diego Bay, San Diego, Calif. Dec. 21, 1915 coll. P.S. Barnhart USNM 152/786
- C 1989 San Diego Bay, near quarantine Sta. San Diego, Calif. trawl
- C 1987 Humboldt Bay, Calif. dredge material July 18, 1916 coll. F.B. Sumner
- C 1986 South Coronado Is., Baja Calif., Mexico Nov. 9, 1964 coll. C. Hubbs on 'E.W. Scripps'
- C 1985 Point Loma, San Diego, Calif. Point Loma reef Oct. 30, 1955 coll. P. W. Johnson
- C 1983 South Coronado Is., Baja Calif., Mexico Aug. 2, 1948 coll. C. Hubbs on E.W. Scripps
- C 1649 SIO48-232 Bahia Descanso, E. of Sugar Loaf Rock ca. 32°20'N 117°05'W 18-24m pipe dredge Aug. 13, 1948 'E.W. Scripps' coll. C. Hubbs
- C 1466 Argyle Lagoon, Friday Harbor, Washington dipnet in Zostera beds, May 21, 1973 coll. R. Bauer
- Taliepus marginatus (Bell)
- C 2089 MV65-IV-88 La Ventana, Chila ca. 30 mi. N. of Valparaiso, chemfish & SCUBA tidepools to 10 ft. Dec. 28, 1965 1230-1500 coll. B. Walker SIO65-678
- Taliepus nuttalli (Randall)
- C 2214 H50-38 West Point of Melpoeme Cove, Guadalupe Is., Baja Calif. Jan. 31, 1940 coll. C. Hubbs on 'Orca'
- C 2069 H48-127 San Diego Gas & Electric Co. intake (Station B), San Diego, Calif., San Diego Bay March 23, 1948 to May 1, 1948
- C 2065 Oceanside, Calif. Dec. 27, 1935 coll. John C. Crum
- C 2030 Tip of Pt. Loma, San Diego, Calif. Nov. 12, 1954 coll. P. W. Johnson
- C 2031 Point Loma reef, San Diego, Calif. Feb. 5, 1955 coll. P.W. Johnson
- C 2028 S. Coronado Is., Baja Calif., Mexico Nov. 9, 1946 coll. C. Hubbs on 'E.W. Scripps'
- C 2029 Turtle Bay, Baja Calif. Sur Mexico on stipe holdfast Nov. 20, 1959
- Sphenocarcinus agassizii Rathbun
- C 2078 RR65-50&51 Bahia Santa Inez, Baja Calif. 26°58'N 111°55'W July 14, 1965 40-82m 40' otter trawl coll. R. Rosenblatt
- C 2084 RR65-40 W. side of Isla Monserrate, Gulf of Calif. 25°38'N 111°04'W 91-73m 40' otter trawl July 12, 1965 coll. R. Rosenblatt
- C 2208 MV65-I-67 Canal de Ceralbo, on W. side of Pta. Gorda 24°11'N 109°59'W 81-84m 45' otter trawl July 2, 1965 R/V Horizon coll. C. Hubbs
- Acanthonyx petiveri Milne Edwards
- C 2085 SIO62-704 Pta. Marquis, Baja Calif. 23°56.8'N 110°52.2'W S. side of reef at tip of Point 15-25 ft. chemfish & diving coll. D. Dockins Dec. 4, 1962 B6212-4
- Epialtus sulcirostris Stimpson
- C 2046 RR65-30 near Pta. San Telmo, Baja Calif. 25°18'N 110°57.5'W rocky 0-10 ft. noxfish & snorkel July 10, 1965 coll. B. Walker
- Epialtus minimus Lockington
- C 2045 RR65-30 near Pta. San Telmo, Baja Calif. 25°18'N 110°57.5'W rocky 0-10 ft. noxfish & snorkel July 10, 1965 coll. B. Walker
- C 2037 RR65-69 Carmen Is., Gulf of Calif. ca. 26°04'N 111°05'W N. end of Pt. Lobos 0-20 ft. noxfish July 17, 1965 coll. B. Walker SIO65-323
- C 1310 SIO68-235 W. of Guaymas, Sonora, Mexico Las Pintas Cove ca. 28°N 111°W 0-10 ft. plankton net April 8, 1968 coll. D. Hoesse
- C 2080 SIO62-235 Bahia de Los Angeles, between Pta. Arena & Pta. Gringa 1-1/2m sand beach & chemfish 29°01.1'N 113°35.2'W April 26, 1962 coll. C. Hubbs
- Epialtoides hiltoni (Rathbun)
- C 2011 Scripps Inst. Beach, La Jolla, Calif. July 1, 1932 coll. P.S. Barnhart

- C 2081 S. of Marine Room, La Jolla Beach & Tennis Club, La Jolla, Calif. intertidal May 20, 1969 coll. R. Kiwala, T. Cukr
- C 2076 S. of Windansea Beach, La Jolla, Calif. April 29, 1966
cf. Epialtoides
- C 2044 RR65-30 near Pta. San Telmo, Baja Calif. 25°18'N 110°57.5'W July 10, 1965 0-10 ft. noxfish & snorkel, rocky coll. B. Wiaker (SIO65-284)
- Eupleurodon trifurcatus* Stimpson
- C 2196 SIO64-10 shoreline South of Pta. Magdalena, Baja Calif. Sur 24°37'N 112°07'W dipnet Jan. 29, 1964 coll. H. Lowenstam Mag. Bay A-12
- Scyra acutifrons* Dana
- C 1995 Islas Coronados, Baja Calif., Mexico June 12, 1963 coll. P. Wiebe
- C 2079 White Oak effluent drainage, S. of Palos Verdes, Los Angeles Co. 20 ft. SCUBA June 5, 1969 coll. R. Kiwala, R. Gregg
- C 2083 Bolinas, Calif. Duxbury Reef, Bolinas Bay, Mendocino, Calif. intertidal May 7, 1966 coll. W. Newman
- C 2012 Farnsworth ridge near Catalina Is., Calif. 100 ft. Oct. 9, 1969 coll. Kiwala & Wilke
- C 2155 H48-229 Bahia Descanso, E. of Sugar Loaf Rock, Baja Calif. ca. 32°20'N 117°05'W 20-26m Aug. 13, 1948 pipe dredge coll. C. Hubbs on 'E. W. Scripps'
- C 2131 From stomach of *Sebastodes carnatus* April 9, 1963
- C 2130 Humboldt Bay, Calif. dredge material July 18, 1916 coll. F.B. Sumner
- C 2129 From the holdfast of Elk kelp, *Pelagophycus porra*, La Jolla, Calif. Nov. 23, 1915
- Loxorhynchus crispatus* Stimpson
- C 2093 Bahia Todos Santos, S. side of ca. 31°45'N 116°35'W Baja Calif. Norte 27-46m pipe dredge Feb. 6, 1951 coll. C. Hubbs on 'Orca'
- C 2077 Mission Bay entrance channel, San Diego, Calif. with *Chaetopterus* tubes March 16, 1963
- C 2073 Off Pt. La Jolla, N. of Bommer Beach, Calif. slurpgun & SCUBA 50 ft. Feb. 8, 1973 coll. R. Bauer, S. Luke
- C 2072 South Coronado Is., Baja Calif. Mexico Nov. 9, 1946 coll. C. Hubbs on 'E. W. Scripps'
- C 2070 La Jolla, Calif., artificial habitat, off Scripps, on artificial rock 40 ft. Aug. 7, 1968 coll. A. Flechsig
- C 2069 MV71-I-45 Sixty Mile Bank near middle of southern platform 32°02.3'N 118°12.7'W 106m free vehicle trap May 30, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1633 Bird Rock, La Jolla, Calif. mid-tide zone, rocky Aug. 1974 coll. R. Bauer Died Dec. 10, 1974
- C 648 MB-37 AVR Set #2 Shrimp trap 33°57'45"N 119°28'52"W July 9-20, 1969 166m coll. Roger Green (Fisheries)
- C 2178 RR65-3 Bahia de La Paz, Mexico 24°19'N 110°26'W July 5, 1965 55-80m 40' otter trawl coll. W. Baldwin (SIO65-257)
- C 1307 DFH66-33 Dike Rock, La Jolla, Calif. 32°52'N 117°15'W Nov. 1966 tidepool in red algae coll. D. Hoese
- Loxorhynchus grandis* Stimpson
- C 2090 H52-209 San Carlos Bay, Baja Calif. Norte ca. 29°30'N 115°20'W 0-30 ft. Try Net sand & rock Sept. 7, 1952 coll. K. Norris
- C 2092 Rosarita Beach, Baja Calif. Norte, Mexico March 6, 1963
- C 2071 China Point, San Diego, Calif. 32°23.7'N 119°06.0'W July 17, 1908 84m
- C 1862 'ECCE' SR-35 Sta. Rosalillita, Baja Calif. 28°40'N 114°14'W rocky intertidal Aug. 7, 1975 coll. Hemingway, Luke
- C 2225 Haul 3181 off San Diego, Calif. 32°28.5'N 117°15.3'W 55m Feb. 10, 1912 coll. "Agassiz"
- C 1553 M15 OT-9 Long Beach, California 33°53.3'N 118°09.2'W-118°07.6'W 49m 40' otter trawl March 29, 1974 R/V Agassiz coll. T. Matsui, B. Burnett
- Chorilia longipes turgida* Rathbun
- C 639 SIO70-18 Baja Calif., Norte 31°21'N 118°43'W free vehicle trap 450m Dec. 17, 1969 Sta. 5J R/V Melville C. Hubbs, S. Luke
- C 1003 M-6 Sta. 2 San Diego Trough 32°56.0'N 117°30.0'W 32°51.2'N 117°31.4'W 732-860m 25' otter trawl Aug. 13, 1971 R/V Agassiz coll. Matsui
- C 788 Cruise M-1 Sta. #2 San Diego Trough 32°53.8'N 117°29.9'W 32°58.9'W 117°33.8'W 768m 25' otter trawl Feb. 3, 1971 R/V Agassiz coll. Matsui
- C 649 MB-37 AVR Set #2 Shrimp trap 33°57'45"N 119°28'52"W July 19-20, 1969 166m coll. Roger Green (Fisheries)
- C 679 San Clemente Isle, Channel Is. California July 19, 1905
- C 1630 Trawl #10 off La Jolla, Calif. 32°55.5'N 117°37.4'W 32°51.0'N 117°36.0'W 896m 16' otter trawl Sept. 6, 1974 R/V Oconostota coll. J.F. Siebenaller
- C 1564 M15 OT-22 off Del Mar, Calif. 32°55.0'N 117°32.8'W 33°01.2'N 117°40.3'W 920m 25' otter trawl April 4, 1974 R/V Agassiz coll. Matsui, Burnett
- C 1691 A-27 Afterthot II off Encinitas, Calif. 32°59.6'N 117°34.1'W-33°00.3'N 117°34.5'W 750m 25' otter trawl May 9, 1975 R/V Agassiz coll. J. Siebenaller
- Chorilia longipes* Dana
- C 2277 SIO76-95 N. of Cata Lina Is., Calif. 33°33.5'N 118°39'W Mar. 9, 1976 585-534m 40' otter trawl R/V Agassiz coll. S. Luke
- C 2280 SIO76-96 N. of Catalina Is., Calif. 33°33.5'N 118°38'W Mar. 9, 1976 556-585m 40' otter trawl R/V Agassiz coll. S. Luke
- C 2283 32°45.7'N 118°19.5'W 800m depth July 7, 1908
- C 2284 Off San Clemente Is., Calif. 33°0.2'N 118°31.3'W July 9, 1908
- C 2285 Off So. Calif. Dec. 10, 1968 32°51'56"N 117°16'29"W 165-201m coll. R. Green & W. Perrin on Miss Behavior shrimp trap (String #4)
- C 2286 H53-20 off E. side of San Clemente Is., Calif. 32°58'N 118°23'W 1207m Isaacs dredge April 28, 1953 coll. Lewis Kidd
- C 2287 Japanyon III-51 off Yokohama, Japan 34°54.30'N 139°43.40'E 512m dredge July 16, 1961 Dr. Shepard R/V S. F. Baird
- C 2357 SIO76-94 W. of Palos Verdes, Calif. 33°28'N 118°25'W 457-417m 25' otter trawl March 9, 1976 R/V Agassiz S. Luke
- Pelia tumida* (Lockington)
- C 2124 Reef N. of Scripps Pier, La Jolla, Calif. Aug. 28, 1946 coll. Sam Hinton
- C 2125 Dana Pt. Marina, Mission Bay San Diego, Calif. from Hinnites shell SCUBA 6 ft. June 22, 1969 coll. T. Cukr

- C 2126 Knepler shoal, Abreojos, Baja Calif. Sur, Mexico ca. $26^{\circ}43'N$ $113^{\circ}35'W$ 50-60 ft. Feb. 9, 1964 coll. T. Hopkins, T. Scanland
- C 2127 Tidepools N. of Scripps Pier, La Jolla, Calif. Jan. 28, 1915 coll. P. S. Barnhart
- C 2128 Scripps Inst. seawater system, La Jolla, Calif. trapped in filter April 5, 1969 coll. C. Farwell
- C 2199 San Diego, Calif. 1963
- C 1597 Palomar St. Reef, La Jolla, Calif. intertidal sandstone rocks, hand collected Jan. 8, 1974 coll. S. Luke
- Rochina vesicularis (Rathbun)
- C 2182 M-1 Sta. #2 San Diego Trough $32^{\circ}53.8'N$ $117^{\circ}29.9'W$ $32^{\circ}58.9'N$ $117^{\circ}33.8'W$ Feb. 3, 1971 768m 25' otter trawl R/V Agassiz coll. T. Matsui
- C 2195 S.E. San Nicolas Is., Calif. 1189-732m Dredge #15 June 1, 1969 R/V Agassiz coll. Edwin Allison
- Lophorochina parabranchia Garth
- C 1053 MV72-II Southtow-Soutar-off Arica, Chile $18^{\circ}30.0'S$ $70^{\circ}34.5'W$ 311-402m rock dredge May 7, 1972 R/V T. Washington A. Soutar, S. Luke
- Notolopas lamellatus Stimpson
- C 1482 MV73-I-22 near Pt. Lizardo, Michoacan $18^{\circ}06.7'N$ $102^{\circ}56.0'W$ $18^{\circ}07.5'N$ $102^{\circ}57.3'W$ 22-24m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- Herbstia campylocauda (Stimpson)
- C 2040 RR65-69 Carmen Is., Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ N. end of Pt. Lobos 0-20 ft. Noxfish July 17, 1965 coll. B. Walker (SI065-323)
- C 2050 RR65-30 Near Pta. San Telmo, Baja Calif. $25^{\circ}18'N$ $110^{\circ}57.5'W$ rocky 0-10 ft. Noxfish & snorkel July 10, 1965 coll. B. Walker
- Herbstia pubescens Stimpson
- C 151 SI067-37 Pearl Is., Isla San Jose, N. of Pta. Cruz, Panama ca. $08^{\circ}20'N$ $79^{\circ}20'W$ 0-4 ft. rotenone & diving March 28, 1967 R. Rosenblatt
- Herbstia cf. pubescens Stimpson
- C 906 TEPE 70-13 Islas Ladrones, Panama $07^{\circ}52.20'N$ $82^{\circ}27.75'W$ Sept. 19, 1970 intertidal & in cave, chemfish & scuba R/V Alpha Helix coll. Newman, Dana, Luke
- Herbstia parvifrons Randall
- C 152 SI063-174 S. side of Islote Negro, Isla Guadalupe, Baja Calif. Mexico chemfish & diving 0-65 ft. April 23, 1963 J. Stewart
- C 148 SI067-37 Pearl Is., Isla San Jose, N. of Pta. Cruz ca. $08^{\circ}20'N$ $79^{\circ}20'W$ 0-4 ft. rotenone & diving, March 28, 1967 rock & sand R. Rosenblatt
- C 150 Rock 20' H₂O Abalone Cave, Palos Verdes, Los Angeles, Calif., June 19, 1962 D. Leighton
- C 149 La Jolla, Calif. XVIII-86 coll. Feb. 23, 1963
- C 154 Shell Beach 20' under rock July 23, 1964
- C 153 La Jolla Beach & Tennis Club, La Jolla, Calif. April 51, 1966
- Herbstia sp.
- C 2245 SB-39 beach 5 mi. N. of Guaymas, Sonora, Mexico ca. $27^{\circ}55'N$ $111^{\circ}W$ intertidal April 10, 1960 coll. A. Flechsig on 'Orca'
- C 1664 TEPE70-3 Panama, Pacific side $07^{\circ}19.1'N$ $81^{\circ}45.2'W$ $07^{\circ}19.3'N$ $81^{\circ}45.6'W$ 22-31m Rock Dredge Sept. 15, 1970 R/V A. Helix coll. W. Newman, S. Luke
- Libinia mexicana Rathbun
- C 2142 SIO62-236 S. arm of Bahia de Los Angeles Baja Calif. Norte, Mex. ca. $28^{\circ}55'N$ $113^{\circ}32'W$ shrimp trawlers 22-37m April 26, 1962 coll. R. Rosenblatt
- Libinia cf. erinacea Milne-Edwards
- C 2429 DFH66-9 Port Arkansas, Texas, at Institute of Marine Science Pier tide trap summer 1964 D. F. Hoese
- Ala cornuta (Stimpson)
- C 2141 Puerto Penasco, Sonora, Mexico, S. of rocky point, tidepools, May 30, 1969 0630 coll. T. Cukr
- C 2230 SB-51 Tombola at S.W. tip of Isla San Jose ca. $24^{\circ}45'W$ $110^{\circ}35'W$ intertidal April 15, 1960 coll. A. Flechsig on 'Orca'
- Mithrax areolatus (Lockington)
- C 2346 SIO68-166 Algodones Bay, Sonora, Mexico, N. of San Carlos Bay, hand collection 10 ft. in Porites Mar. 17, 1968 McCosker
- Mithrax armatus Saussure
- C 2205 RR65-80 small cove 2 mi. S. of Pta. Mangles, Gulf of Calif. July 20, 1965 0-15 ft. chemfish & Noxfish rocky shell beach coll. B. Walker SI065-334
- Mithrax bellii Gerstaecker
- C 2122 Academy Bay, Santa Cruz Isle, Galapagos Islands, Ecuador Aug. 10, 1952
- Mithrax denticulatus Bell
- C 2446 RR65-46 Salinas Bay, Carmen Is., Baja Calif. Sur $25^{\circ}58.4'N$ $111^{\circ}05.8'W$ 0-7 ft. noxfish & skindiving July 13, 1965 B. Walker
- C 2636 RR65-60 Pta. Concepcion, Baja Calif. ca. $26^{\circ}50'N$ $111^{\circ}45'W$ skindiving & noxfish 0-15 ft. July 15, 1965 W. Baldwin (SI065-314)
- C 2123 SIO62-58 Maria Magdalena Is., Tres Marias Is., Mexico $21^{\circ}23'N$ $106^{\circ}24'W$ Aug. 23, 1961 0-20 ft. coll. F. Berry
- C 2197 SIO65-289 Agua Verde Bay, S. end of Northern cove, Baja Calif. Sur $25^{\circ}31.2'N$ $111^{\circ}04.8'W$ July 11, 1965 0-10 ft. noxfish & diving cables coll. B.W. Walker (RR65-35)
- C 2049 RR65-30 Near Pta. San Telmo, Baja Calif. $25^{\circ}18'N$ $110^{\circ}57.5'W$ July 10, 1965 0-10 ft. Noxfish & snorkel rocky coll. B. Walker
- C 2042 RR65-69 Carmen Is., Gulf of Calif. ca. $26^{\circ}04'N$ $111^{\circ}05'W$ N. end at Pt. Lobos 0-20 ft. Noxfish July 17, 1965 coll. B. Walker (SI065-323)
- Mithrax cf. forceps (A. Milne Edwards)
- C 924 TEPE70-35 S.E. end of Niaklubir Is. Holandes Cay, San Blas, Panama 0-4 ft. $09^{\circ}35'07"N$ $78^{\circ}44'27"W$ Oct. 7, 1970 R/V Alpha Helix coll. Newman, Dana, Luke
- Mithrax cf. pleuracanthus Stimpson
- C 922 TEPE70-35 S.E. end of Niaklubir Is. Holandes Cay, San Blas, Panama 0-4 ft. $09^{\circ}35'07"N$ $78^{\circ}44'27"W$ Oct. 7, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, Luke
- Mithrax cf. sculptus (Lamark)
- C 923 TEPE70-35 S.E. end of Niaklubir Is. Holandes Cay, San Blas, Panama 0-4 ft. $09^{\circ}35'07"N$ $78^{\circ}44'27"W$ Oct. 7, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- Mithrax spinipes (Bell)
- C 2120 Inside Pta. Tosca, lagoon, Magdalena Bay, Baja Calif. Sur, ca. $24^{\circ}20'N$ $111^{\circ}40'W$ Feb. 4, 1964 10-20 ft.

Mithrax cf. tuberculatus Stimpson
C 2119 Cabo San Lucas, Baja Calif. Sur Mexico ca.
22°55'N 109°50'W 0-160 ft. Aug. 20, 1957

Mithrax verrucosus Milne-Edwards
C 2121 SI067-45 Toro Pt., Panama Atlantic side
0-15 ft. rotenone coll. R. Rosenblatt

Mithrax sp.
C 2235 SB-51 Tombola at S.W. tip of Isla San Jose
ca. 24°45'N 110°35'W intertidal April 15,
1960 coll. A. Flechsig on 'Orca'

C 893 TEPE70-8 Pta. Fea, Bahia Dumas Is. Coiba
07°23'35" N 81°38'45" W chemfish-scuba inter-
tidal Sept. 17, 1970 R/V Alpha Helix coll.
W. Newman, T. Dana, S. Luke

C 897 TEPE70-12 Islas Ladrones, Panama 07°52'N
82°27'W on floating debris Sept. 19, 1970
R/V Alpha Helix coll. W. Newman, T. Dana,
S. Luke

C 904 TEPE70-13 Islas Ladrones, Panama 07°52.20'N
82°27.75'W Sept. 19, 1970 intertidal & in
cave, chemfish & scuba R/V Alpha Helix
coll. Newmann, Dana, Luke

C 914 TEPE70-17 Islas Secas, N.E. bays of Islas
Cavoda 07°59.3'N 82°01.5'W intertidal-
scuba Sept. 23, 1970 coll. W.A. Newman,
T. Dana, S. Luke

Microphrys platysoma (Stimpson)
C 1108 MV73-I-1 La Paz Pier, B.C. Mexico 24°11'46" W
110°18'07" W March 29, 1973 from pier pilings
coll. C. Hubbs, S. Luke

Microphrys branchialis Rathbun
C 1655 TEPE70-3 Panama, Pacific side 07°19.2'N
81°45.4'W Sept. 15, 1970 22-31m Rock
Dredge R/V A. Helix coll. W. Newman, S. Luke

Microphrys triangulatus Lockington
C 2167 La Paz, Baja Calif. Sur, Mexico Dec. 15,
1959 coll. Lemche

Stenocionops angusta (Lockington)
C 2209 SI070-70 Sonora, Mexico, off Cerro Colorado
shrimp trawler 37m March 17-18, 1970 coll.
R. McConaughey

Stenocionops beebei Glassell
C 2748 Vermilion Sea VSS-104 bay, E. side of Angel
de La Guarda, ca. 29°17'N 113°21'W 73m
shell dredge April 10, 1959 R. Parker

Stenocionops ovata (Bell)
C 930 TEPE70-19 Isla Cavada, Islas Secas ca.
08°N 82°W Sept. 23, 1970 R/V Alpha Helix
ca. 40m bought from Panamanian shrimp boat
coll. W. Newman, T. Dana, S. Luke

C 2203 RR65-40 W. side of Isla Monserrate, Baja
Calif. Sur 25°38.5'N 111°04.1'W 91-73m
40' otter trawl July 12, 1965 coll. R.
Rosenblatt SI065-294

C 2204 RR65-21 Canal de San Jose, Baja Calif. Sur
24°58'N 110°42'W 210m 40' otter trawl July
8, 1965 coll. Rosenblatt SI065-275

C 2143 RR65-3 Bahia de La Paz, Baja Calif. Mexico
24°19'N 110°26'W 55-80m 40' otter trawl
July 5, 1965 coll. W. Baldwin SI065-257

Stenocionops cf. ovata (Bell)
C 907 TEPE70-16 Puerto Armuelles, Panama 08°16.0'N
82°51.5'W 3 cham. trap 31m Sept. 20-21,
1970 R/V Alpha Helix 1400-0600 coll. Newman,
Dana, Luke

Thoe sulcata panamensis Nobili
C 886 TEPE70-5 N. shore of Isla Jicaron, Panama
07°17'20"N 81°47'15"W 1-2 ft. tidepools
chemfish & SCUBA Sept. 16, 1970 R/V A.
Helix W. Newman, S. Luke

Gen. Indet.

C 592 Australia, N. Queensland, Princess Char-
lotte Bay, 2 mi. offshore between Bizant
and Normandy Rivers, 25 ft. depth, otter
trawl, Sept. 29, 1966 coll. R. McConaughey

C 1145 MV73-I-22 Pta. Lizardo, Michoacan, Mexico
18°06.7'N 102°56.0'W 18°07.5'N 102°57.3'W
22-24m 40' otter trawl April 4, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke

C 1397 Yvonne Is., near bomb craters Cactus and
La Crosse, Eniwetok Atoll, ca. 11°30'N
162°10'E 0-60 ft. SCUBA & hand collected
Sept. 1971 to May 1972 coll. T. Dana,
R. Nolan, T. Scanland

C 1614 ARIES VII 54D Milwaukee Seamount Group,
N.W. of Midway 32°17.4'N 172°47.7'E 732-
357m Dredge haul Aug. 20, 1971 R/V Wash-
ington coll. R.V. Mead

C 1973 SI066-555 Owens Channel, S. side of
Flinders Group, Queensland, Australia 20-
30 ft. Sept. 1966 otter trawl coll.
McConaughey

C 2192 Port Arkansas, Texas, Institute of Marine
Science Pier ca. 28°N 97°W tide trap Jan.
4-5, 1967 coll. D.F. Hoese

C 2194 RR65-69 Carmen Is., Gulf of Calif. ca.
26°04'N 111°05'W N. end of Pta. Lobos 0-20
ft. Noxfish July 17, 1965 coll. B. Walker

C 2161 MV71-I-1 Isla de Guadalupe, Baja Calif.
28°51.5'N 118°16.3'W 95-81m 6' Sigsbee
trawl May 18, 1971 coll. C. Hubbs, S. Luke
R/V Agassiz

C 2168 Monsoon 72-D off New Zealand 43°26'N
176°43'E Jan. 29, 1961 245m Rock Dredge

C 2171 Monsoon 77-D S. of New Zealand 49°31'S
170°32'E Rock Dredge 583m Feb. 4, 1961

C 2938 CRS-302 Carmarsal, W. of Ulul Is.,
Namonuito Atoll, Cardine Is. 70-25 ft.
SCUBA Feb. 12, 1967 R/V Horizon coll.
W. Newman

Family Parthenopidae

Parthenope hyponca (Stimpson)

C 1169 MV73-I-14 Bahia Chamela, Mexico 19°34.2'N
105°08.2'W 19°33.7'N 105°07.4'W 27-18m
40' otter trawl April 2, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke

C 1140 MV73-I-22 Pta. Lizardo, Michoacan, Mexico
18°06.7'N 102°56.0'W 18°07.5'N 102°57.3'W
22-24m 40' otter trawl April 4, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke

C 1175 MV73-I-15 N. part of Bahia Chamela, Mex.
19°34.8'N 105°08.1'W 19°34.0'N 105°07.5'W
15-18m 40' otter trawl April 2, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke

Parthenope excavata (Stimpson)

C 1151 MV73-I-9 N.E. of Is. Maria Madre 21°57.0'N
106°10.0'W 21°56.0'N 106°11.0'W 51m 40'
otter trawl March 31, 1973 R/V Agassiz
coll. Carl Hubbs, S. Luke

Parthenope exilipes (Rathbun)

C 2266 MV65-I-67 Canal de Ceralbo, W. side, off
Pta. Gorda, Baja Calif. 24°11'N 109°59'W
81-84m 45' otter trawl July 2, 1965 R/V
Horizon coll. C. Hubbs

C 2257 SI063-513 Golfo de Tehuantepec, Mexico
15°07'N 93°25'W 91-110m July 10, 1963
coll. D. Dockins

C 2256 SI064-867 between Pta. Marquis & Pta.
Lobos, Baja Calif. 23°33'N 110°23'W 64m
otter trawl Nov. 9, 1964 R/V Black
Douglas

- C 1289 MV73-I-12 Bahia Chamela, Mexico $19^{\circ}32.5'N$
 $105^{\circ}10.5'W$ $19^{\circ}35.0'N$ $105^{\circ}11.0'W$ 66-71m
40' otter trawl April 2, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1237 MV73-I-73 Cabo Blanco, Costa Rica $09^{\circ}46.6'N$
 $85^{\circ}25.0'W$ $09^{\circ}47.5'N$ $85^{\circ}26.7'W$ 60m 25'
otter trawl April 18, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1178 MV73-I-40 Golfo de Tehuantepec, Mexico
 $14^{\circ}44.8'N$ $93^{\circ}00.0'W$ $14^{\circ}14.2'N$ $93^{\circ}02.0'W$
82-88m 40' otter trawl April 10, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 929 TEPE70-19 Isla Cavada, Islas Secas ca.
 $08^{\circ}N$ $82^{\circ}W$ Sept. 23, 1970 R/V Alpha Helix
ca. 40m bought from Panamanian shrimp boat
coll. W. Newman, T. Dana, S. Luke
- Solendolambrus arcuatus Stimpson
- C 1139 MV73-I-22 Pta. Lizardo, Michoacan, Mexico
 $18^{\circ}06.7'N$ $102^{\circ}56.0'N$ - $18^{\circ}07.5'N$ $102^{\circ}57.3'W$
22-24m 40' otter trawl April 4, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1153 MV73-I-9 N.E. of Is. Maria Madre $21^{\circ}57.0'N$
 $106^{\circ}10.0'W$ $21^{\circ}56.0'N$ $106^{\circ}11.0'W$ 51m 40'
otter trawl March 31, 1973 R/V Agassiz
coll. Carl Hubbs, S. Luke
- C 1186 MV73-I-96 Golfo de Nicoya, Costa Rica
 $09^{\circ}27.3'N$ $84^{\circ}30.1'W$ $09^{\circ}27.7'N$ $84^{\circ}31.3'W$
31m 25' otter trawl April 22, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1194 MV73-I-95 Golfo de Nicoya, Costa Rica
 $09^{\circ}27.5'N$ $84^{\circ}21.7'W$ $09^{\circ}28.3'N$ $84^{\circ}24.2'W$
26-24m 25' otter trawl April 22, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 1272 MV73-I-38 Golfo de Tehuantepec, Mexico
 $15^{\circ}30.0'N$ $93^{\circ}22.0'W$ $15^{\circ}13.0'N$ $93^{\circ}23.1'W$
22m 40' otter trawl April 10, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 2033 P159-60 Islas Tres Marias, Mexico $22^{\circ}30.8'N$
 $106^{\circ}01.2'W$ March 11, 1960 46-58m 10' otter
trawl coll. R. Parker
- C 2059 El Golfo II BT-150 Banderas Bay, Mexico
 $20^{\circ}44'N$ $105^{\circ}24.6'W$ June 2, 1965 95 ft. 20'
otter trawl coll. T. Matsui
- C 2269 SI062-730 Santa Maria Bahia, Baja Calif.
Sur, Mexico $24^{\circ}42.8'N$ $112^{\circ}13.9'W$ 0-118 ft.
10' otter trawl Dec. 8, 1962 coll. H. C.
Perkins
- Leiolambrus punctatissimus (Owen)
- C 719 SI070-253 MB-6904-6 TR #151 $29^{\circ}58.0'N$
 $112^{\circ}50.5'W$ $30^{\circ}00.0'N$ $112^{\circ}53.6'W$ 91m 17'
otter trawl April 26, 1969 6-1/2 mi. N.W.
of Cabo Lobos coll. Moser
- C 1112 MV73-I-2 N.E. of Maria Madre Is., Tres
Marias Is. Mexico $22^{\circ}00'N$ $106^{\circ}16'W$ 82-88m
25' otter trawl March 30, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1202 MV73-I-94 Golfo de Nicoya, Costa Rica
 $09^{\circ}37.4'N$ $84^{\circ}49.0'W$ $09^{\circ}37.7'N$ $84^{\circ}51.8'W$
86m 25' otter trawl April 22, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1235 MV73-I-73 Cabo Blanco, Costa Rica $09^{\circ}46.6'N$
 $85^{\circ}25.0'W$ $09^{\circ}47.5'N$ $85^{\circ}26.7'W$ 60m 25'
otter trawl April 18, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1249 MV73-I-20 Pta. Lizardo, Mexico $18^{\circ}05.0'N$
 $102^{\circ}57.5'W$ $18^{\circ}06.0'N$ $102^{\circ}59.8'W$ 46-49m 40'
otter trawl April 14, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1374 MV73-I-67 N. Nicaragua $12^{\circ}41.2'N$ $87^{\circ}43.0'W$
 $12^{\circ}43.0'N$ $87^{\circ}46.6'W$ 59-53m 40' otter trawl
April 17, 1973 R/V Agassiz coll. C. Hubbs,
S. Luke
- C 2239 6108B-50 Banderas Bay, Mexico $20^{\circ}41'N$
 $105^{\circ}22'W$ 10' otter trawl 46-55m Aug. 21
1961 coll. F. H. Berry (SI062-50)
- C 2258 El Golfo II 50-6 Altamura Is., Sinaloa,
Mexico $24^{\circ}43'N$ $108^{\circ}10.4'W$ 66m 20' otter
trawl May 26, 1965 coll. T. Matsui
- C 2264 MV68-I-29 W. of Isla Espiritu Santo, Bahia
de La Paz $24^{\circ}25'N$ $110^{\circ}24'W$ 82-119m 40'
otter trawl Jan. 12, 1968 R/V T. Washington
coll. C. Hubbs
- C 2263 MV68-I-28 S. part of Isla Espiritu Santo,
Bahia de La Paz $24^{\circ}23.5'N$ $110^{\circ}22'W$ 59-77m
40' otter trawl Jan. 12, 1968 R/V T. Washington
coll. C. Hubbs
- Mesorhoea bellii (A. Milne Edwards)
- C 718 SI070-253 MB-6904-6 TR #151 $29^{\circ}58.0'N$
 $112^{\circ}50.5'W$ $30^{\circ}00.0'N$ $112^{\circ}53.6'W$ 91m 17'
otter trawl April 26, 1969 6-1/2 mi. N.W.
of Cabo Lobos coll. Moser
- C 1236 MV73-I-73 Cabo Blanco, Costa Rica $09^{\circ}46.6'N$
 $85^{\circ}25.0'W$ $09^{\circ}47.5'N$ $85^{\circ}26.7'W$ 60m 25' otter
trawl April 18, 1973 R/V Agassiz coll.
C. Hubbs, S. Luke
- C 723 SI070-251 MB-6904-3 TR #148 $27^{\circ}46.5'N$
 $110^{\circ}45.0'W$ - $27^{\circ}46.5'N$ $110^{\circ}43.0'W$ 46m 17'
otter trawl April 23, 1969 11-1/2 mi. S.E.
of Guaymas Mexico coll. Moser
- C 750 SI070-70 Sonora, Mexico off Cerro Colorado
240' shrimp trawler 37m March 17-18, 1970
McConaughey & Dockins
- C 2267 RR65-3 Bahia de La Paz, Mexico $24^{\circ}19'N$
 $110^{\circ}26'W$ 40' otter trawl 55-80m 40' otter
trawl July 5, 1965 coll. W. Baldwin
- C 2265 MV68-I-37 Bahia Santa Ines, Baja Calif.
Sur, Mexico $26^{\circ}58'N$ $111^{\circ}42'W$ 62m 41' otter
trawl Jan. 14, 1968 R/V T. Washington coll.
C. Hubbs
- C 2262 MV68-I-28 S. part of Isla Espiritu Santo,
Bahia de La Paz $24^{\circ}23.5'N$ $110^{\circ}22'W$ 59-77m
40' otter trawl Jan. 12, 1968 R/V T. Washington
coll. C. Hubbs
- C 2259 Bocca Las Animas, North S.M. Bay 37m,
otter trawl Jan. 26-27, 1964
- C 2261 RR65-96 S.E. of Pta. Coyote, Bahia de La
Paz, Baja Calif. $24^{\circ}25'N$ $110^{\circ}38'W$ 46m 40'
otter trawl July 23, 1965 coll. R. Rosenblatt
- Heterocrypta macrobrachia Stimpson
- C 2345 Mag Bay A-6 S.W. of Boca de Animas, Baja
Calif. $25^{\circ}39.5'N$ $112^{\circ}07.6'W$ ca. 13m 6'
IKMT Jan. 28, 1964 M/V Horizon C. Hubbs
(SI064-5)
- Heterocrypta colombiana Garth
- C 905 TEPE70-13 Islas Ladrones, Panama $07^{\circ}52.20'N$
 $82^{\circ}27.75'W$ Sept. 19, 1970 intertidal & in
cave, chemfish & scuba R/V Alpha Helix coll.
Newman, Dana, Luke
- Heterocrypta occidentalis (Dana)
- C 1537 M-15 OT-5 off San Onofre, Calif. $33^{\circ}17.0'N$
 $117^{\circ}31.2'W$ $33^{\circ}16.2'N$ $117^{\circ}30.0'W$ 27m 25'
otter trawl March 29, 1974 R/V Agassiz
coll. Matsui, Burnett
- C 2198 SI062-518 off San Quintin Bay, Baja Calif.
Norte $30^{\circ}17.5'N$ $115^{\circ}56'W$ 186 ft. trawl
TR-56 April 1, 1962 coll. H.C. Perkins
B6203-13
- C 2136 La Jolla, Calif. depth 130 ft. June 18,
1958 coll. C. Limbaugh, R. Lankford
- C 2151 H48-229 Bahia Descanso, E. of Sugar Loaf
Rock, Baja Calif. ca. $32^{\circ}20'N$ $117^{\circ}15'W$
20-26m Aug. 13, 1948 pipe dredge coll.
C. Hubbs on 'E.W. Scripps'

- C 2157 H48-215-222 S. Coronado Is., Baja Calif. 32°23'N 117°11'W Aug. 11, 1948 15-55m pipe stem dredge coll. C. Hubbs on 'E. W. Scripps'
- C 2221 Haul 3181 off San Diego, Calif. 32°28.5'N 117°15.3'W 55m Feb. 10, 1912 coll. "Agassiz"
- C 2272 La Jolla, Calif. stomach contents of Mustelus californicus (grey smoothhound) July 15, 1914
- C 2273 South Coronado Is., Baja Calif. Norte, Mexico ca. 32°22'N 117°10'W Nov. 9, 1946 coll. C. Hubbs on 'E.W. Scripps'
- C 2274 1000 ft. off end of Scripps Inst. Pier, La Jolla, Calif. small trawl April 29, 1917
- C 2275 Cedros Is., Baja Calif. Norte, Mexico ca. 28°15'N 115°15'W trawling 33m Sept. 1, 1908
- C 2271 Several miles W. of Imperial Beach, San Diego, Calif. Oct. 9, 1946 55-110m dredge coll. C. Hubbs on 'E.W. Scripps'
- C 2270 Off Scripps Inst. Pier, La Jolla, Calif. March 19, 1963 60 ft.
- C 2268 H49-167 E. end of Coronado Is., Baja Calif. Mexico 32°24.2'N 117°12.0'W 27-31m CAS dredge Nov. 27, 1949 coll. C. Hubbs on 'Orca'
- C 2260 Cedros Is., Baja Calif., Mexico 27°57.5'N 115°13.2'W Sept. 1, 1908
- C 2319 H51-27 Bahia Todos Santos, Baja Calif. Norte ca. 31°45'N 116°40'W 37m dredge Feb. 5, 1951 coll. C. Hubbs on 'Orca'
- C 2983 La Jolla Submarine Canyon rim, La Jolla, Calif. depth of 12'-30' & 40' Sept. 8, 1955
- Thyrolambrus asteroides Rathbun
- C 916 TEPE70-30 Agualargana Is., Holandes Cay, San Blas, Panama 09°35'54"N 78°46'58"W 0-60 ft. scuba on coral Sept. 27, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- Gen. Indet.
- C 1972 SI066-555 Owens Channel, S. side of Flinders group, Queensland, Australia 20-30 ft. Sept. 1966 otter trawl coll. McConaughey
- C 1385 Yvonne Is., near bomb craters Cactus and La Crosse, Eniwetok Atoll, ca. 11°30'N 162°10'E 0-60 ft. SCUBA & hand collected Sept. 1971 to May 1972 coll. T. Dana, R. Nolan, T. Scanland
- Superorder HOPLOCARIDA
- Order STOMATOPODA
- Family Squillidae
- Meiosquilla polita (Bigelow)
- C 1535 M15 OT-6 off San Onofre, Calif. 35°16.6'N 117°32.0'W 33°15.5'N 117°30.6'W 54m 25' otter trawl March 29, 1974 R/V Agassiz coll. Matsui, Burnett
- C 949 MV71-I-32 between San Benitos & Cedros 28°17.8'N 115°25.3'W-28°18.3'N 115°22.9'W 265-247m 6' Sigsbee trawl May 27, 1971 R/V Agassiz coll. C. Hubbs, S. Luke
- C 806 Acc. 1483 off Portugese bend, off San Pedro, California
- C 808 Acc. 1484 Near Cedros Is., Baja Calif. 28°21'N 115°6'W 40 fms. Sept. 1, 1908
- Meiosquilla oculinova (Glassell)
- C 864 SI062-704 Punta Marquis, S. side of reef at tip of Pt. Dec. 4, 1962 23°56.8'N 110°52.2'W chemfish & diving 15-25 ft. coll. Dockins
- C 811 SI067-38 Panama, Isla de San Jose, cove on E. side, 3/4 mi. West of Pta. Cruz 10°-15' Rotenone diving & dip nets coll. R. Rosenblatt
- Pterygosquilla armata (Milne-Edwards)
- C 812 MV65-IV-85 ca. 18 mi. off Valparaiso, Chile bought from shrimp trawlers ca. 247m Dec. 22-23, 1965 A. Chapman
- Lysiosquilla desaussurei (Stimpson)
- C 3509 SI072-110 off Libertad, El Salvador, dip net 1/2 mi. offshore, Mar. 12-14, 1972 G.M. Treiner
- Squilla aculeata Bigelow
- C 816 Acc. 1490 from sump in the South chamber of the east lane, Miraflores Lock, Canal Zone, Panama Feb. 22, 1958 coll. P.W. Johnson 9°N 79°35'W
- C 817 SI062-646 Anton River, Panama July 11, 1953 G.V. Howard AV-133
- C 818 SI0-6108B-68 off Nayarit, Mexico 21°54.2'N 105°50.5'W 21°55.0'N 105°49.2'W 136-140 ft. 16' otter trawl Aug. 24, 1961 coll. DeWitt & Parkins
- C 819 SI063-517 Golfo de Tehuantepec 14°45'N 92°35'W July 11, 1963 12' try net 18-17m Acc. 1586
- C 820 H52-193 Punta Chame, Panama 08°40'N 79°45'W July 22-23, 1952 in bait-net coll. E.W. Kates
- C 822 SI063-502 Oaxaca, off Salina Cruz 16°02.5'N 95°17.5'W 31-35m 12' try net July 8, 1973
- C 823 SI064-771 Panama, Viejo FB62-4 Feb. 2, 1960
- C 821 H50-297 2 mi. N. of Punta Calvera, Derris poisoning. 5 ft. Dec. 8, 1950 coll. C. Hubbs
- Squilla panamensis Bigelow
- C 1263 MV73-I-46 Champerico, Guatemala 13°55.6'N 92°02.5'W 13°53.5'N 92°02.5'W 91-104m 40' otter trawl April 13, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1248 MV73-I-20 Pta. Lizardo, Mexico 18°05.0'N 102°57.5'W 18°06.0'N 102°59.8'W 46-49m 40' otter trawl April 4, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1368 MV73-I-67 N. Nicaragua 12°41.2'N 87°43.0'W 12°43.0'N 87°46.6'W 59-53m 40' otter trawl April 17, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 932 TEPE70-19 Isla Cavada, Islas Secas ca. 08°N 82°W Sept. 23, 1970 R/V Alpha Helix 40m bought from Panamanian shrimp boat coll. W. Newman, T. Dana, S. Luke
- C 869 5704 B-157 G 150 April 8, 1957 Reg. Net Tow 0205 PST off tip of Baja Calif.
- C 1290 MV73-I-12 Bahia Chamela, Mexico 19°32.5'N 105°10.5'W 19°35.0'N 105°11.0'W 66-71m 40' otter trawl April 2, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1233 MV73-I-73 Cabo Blanco, Costa Rica 09°46.6'N 85°25.0'W 09°47.5'N 85°26.7'W 60m 25' otter trawl April 18, 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 847 SI068-67 Bahia de La Paz, W. side of Isla del Espiritu Santo Jan. 12, 1968 24°24.3'N 110°23.7'W 24°25.6'N 110°25.5'N 82-119m 40' otter trawl coll. C. Hubbs
- C 845 SI063-504 Golfo de Tehuantepec 15°57'N 95°00'W Oaxaca, off Santa Cruz 49-73m 12' Try Net July 8, 1963 coll. D. Dockins
- C 844 SI063-523 Golfo de Tehuantepec 15°41'N 96°07.5'W July 15, 1963 73-37m 12' Try Net coll. D. Dockins
- C 843 SI063-522 Golfo de Tehuantepec 15°44'N 96°06.5'W July 15, 1963 27-9m 12' Try Net coll. D. Dockins

- C 842 SI065-166 Golfo de Tehuantepec $16^{\circ}03.6'N$
 $95^{\circ}19'W$ June 7, 1965 44m 20' otter trawl
coll. Jerde & Matsui
- C 1207 MV73-I-94 Golfo de Nicoya, Costa Rica
 $09^{\circ}37.4'N$ $84^{\circ}49.0'W$ $09^{\circ}37.7'N$ $84^{\circ}51.8'W$
86m 25' otter trawl April 22, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- Squilla biformis Bigelow
- C 868 SI063-1029 Golfo de Tehuantepec $14^{\circ}59.4'N$
 $93^{\circ}59.6'W$ 241m 5 x 5 Nekton Net March 23,
1963 coll. M. Blackburn
- C 867 SI063-511 Golfo de Tehuantepec $15^{\circ}07.5'N$
 $93^{\circ}52.5'W$ July 10, 1963 174m 12' Try Net
coll. D. Dockins
- C 1182 MV73-I-63 S.W. of San Jose, Guatemala
 $13^{\circ}22.0'N$ $91^{\circ}18.5'W$ $13^{\circ}23.0'N$ $91^{\circ}20.0'W$
159-146m 40' otter trawl April 16, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 1262 MV73-I-46 Champerico, Guatemala $13^{\circ}55.6'N$
 $92^{\circ}02.5'W$ $13^{\circ}53.5'N$ $92^{\circ}02.5'W$ 91-104m 40'
otter trawl April 13, 1974 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1161 MV73-I-28 N. of Acapulco, Mexico $17^{\circ}25.3'N$
 $101^{\circ}21.6'W$ $17^{\circ}25.0'N$ $101^{\circ}19.5'W$ 117-102m
40' otter trawl April 6, 1973 R/V Agassiz
- C 841 SI065-165 Golfo de Tehuantepec $15^{\circ}55'N$
 $95^{\circ}24'W$ June 6-7, 1965 91-110m 20' otter
trawl coll. Jerde & Matsui
- C 833 SI065-248 Bahia de La Ventana 2 mi. off S.
shore $24^{\circ}04.0'N$ $109^{\circ}54.6'W$ 192-196m hag-
fish trap July 2, 1965 coll. Hubbs
- C 834 SI063-513 Golfo de Tehuantepec $15^{\circ}07.5'N$
 $93^{\circ}25'W$ July 10, 1963 91-110m coll. D.
Dockins Acc. 1600 12' Try Net
- C 835 SI063-506 Oaxaca, off Salina Cruz $15^{\circ}52.5'N$
 $95^{\circ}12.5'W$ July 9, 1963 110-119m 12' Try Net
coll. D. Dockins
- C 836 SI063-507 Oaxaca, off Salina Cruz $15^{\circ}50'N$
 $95^{\circ}07.5'W$ July 9, 1963 155-165m 12' Try
Net coll. D. Dockins
- C 837 SI063-519 Golfo de Tehuantepec $15^{\circ}37.5'N$
 $96^{\circ}22.5'W$ July 13, 1963 166-236m 12' Try
Net coll. D. Dockins
- C 838 SI063-508 Golfo de Tehuantepec $15^{\circ}47.5'N$
 $94^{\circ}42.5'W$ July 9, 1963 210m 12' Try Net
coll. D. Dockins
- C 839 SI065-258 Bahia de La Paz $24^{\circ}22.5'N$
 $110^{\circ}28.5'W$ $24^{\circ}26.3'N$ $110^{\circ}29.3'W$ 201-220m
40' otter trawl July 6, 1965 coll. Rosen-
blatt
- C 1220 MV73-I-64 off Pt. Remidios, El Salvador
 $13^{\circ}09.5'N$ $89^{\circ}42.0'W$ $13^{\circ}09.0'N$ $89^{\circ}44.0'W$
17m 40' otter trawl April 16, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1226 MV73-I-68 ca. S.W. of Corinto, Nicaragua
 $12^{\circ}09'N$ $87^{\circ}32'W$ $12^{\circ}11.5'N$ $87^{\circ}35.5'W$ 112m
40' otter trawl April 17, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1232 MV73-I-70 W. of Cabo de Santa Elena, Costa
Rica $10^{\circ}50.2'N$ $86^{\circ}20.0'W$ $10^{\circ}53.2'N$
 $86^{\circ}24.3'W$ 194m 25' otter trawl April 18,
1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1260 MV73-I-47 S. of Champerico, Guatemala
 $13^{\circ}50.0'N$ $92^{\circ}01.7'W$ $13^{\circ}52.5'N$ $92^{\circ}02.3'W$
113-106m 40' otter trawl April 13, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 1253 MV73-I-69 Southern Nicaragua $11^{\circ}07.0'N$
 $86^{\circ}35.0'W$ $11^{\circ}08.0'N$ $86^{\circ}34.0'W$ 150-160m
40' otter trawl April 18, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 832 SI065-275 Canal De San Jose $24^{\circ}59.8'N$
 $110^{\circ}42.7'W$ $24^{\circ}56.6'N$ $110^{\circ}41.3'W$ 210m
40' otter trawl July 8, 1965 coll. Rosen-
blatt
- C 840 HH9-74 Mexico 65 mi. S.S.W. of Champerico
Feb. 28, 1949 E. W. Kates, M/V Renown
- Squilla bigelowi Schmitt
- C 1113 MV73-I-2 N.E. of Maria Madre Is., Tres
Marias Is., Mexico $22^{\circ}00'N$ $106^{\circ}16'W$ 82-88m
25' otter trawl March 30, 1973 R/V Agassiz
coll. C. Hubbs, S. Luke
- C 1168 Off San Felipe, Baja Calif., Mexico bought
from shrimp trawler April 2, 1973 coll.
C. Farwell
- C 815 SI070-253 MB-6904-6 TR #151 $29^{\circ}58.0'W$ -
 $30^{\circ}00.0'N$ $112^{\circ}50.5'W$ - $112^{\circ}53.6'W$ 91m 25'
otter trawl April 26, 1969 6-1/2 mi. N.W.
of Cabo Lobos coll. Moser
- C 814 SI062-236 S. Arm of Bahia de Los Angeles
 $28^{\circ}55-56'N$ $113^{\circ}31-33'W$ April 26, 1962
22-37m shrimp trawl coll. Rosenblatt
- C 813 SI068-92 S.E. of San Felipe $30^{\circ}28.7'N$
 $114^{\circ}13.5'W$ $30^{\circ}29.1'N$ $114^{\circ}14.3'W$ 75-86m
25' otter trawl Jan. 19, 1968 coll. C.
Hubbs
- Squilla hancocki Schmitt
- C 933 TEPE70-19 Isla Cavada, Islas Secas ca.
 $08^{\circ}N$ $82^{\circ}W$ Sept. 23, 1970 R/V Alpha Helix
ca. 40m bought from Panamanian shrimp
boat coll. W. Newman, T. Dana, S. Luke
- C 1127 MV73-I-8 N.E. of Isla Maria Madre, Tres
Marias Islas, Mexico $21^{\circ}56.1'N$ $106^{\circ}12.2'W$ -
 $10.0'W$ 55m 40' otter trawl March 31, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 1283 MV73-I-37 Golfo de Tehuantepec, Mexico
 $15^{\circ}24.8'N$ $93^{\circ}33.3'W$ $15^{\circ}25.6'N$ $93^{\circ}34.1'W$
46-48m 40' otter trawl April 10, 1973
R/V Agassiz coll. C. Hubbs, S. Luke
- C 1142 MV73-I-22 Pta. Lizardo, Michoacan, Mexico
 $18^{\circ}06.7'N$ $102^{\circ}56.0'W$ $18^{\circ}07.5'N$ $102^{\circ}57.3'W$
22-24m 40' otter trawl April 4, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 1149 MV73-I-9 N.E. of Is. Maria Madre $21^{\circ}57.0'N$
 $106^{\circ}10.0'W$ $21^{\circ}56.0'N$ $106^{\circ}11.0'W$ 51m 40'
otter trawl March 31, 1973 R/V Agassiz
coll. Carl Hubbs, S. Luke
- C 1135 MV73-I-23 Pta. Lizardo, Michoacan, Mexico
 $18^{\circ}05.2'N$ $102^{\circ}56.0'W$ $18^{\circ}07.2'N$ $103^{\circ}00'W$
75-70m 40' otter trawl April 4, 1973 R/V
Agassiz coll. C. Hubbs, S. Luke
- C 826 SI063-514 Golfo de Tehuantepec $15^{\circ}02.5'N$
 $93^{\circ}17.5'W$ 73m 12' Try Net July 10-11, 1963
coll. D. Dockins
- C 825 SI063-523 Golfo de Tehuantepec $15^{\circ}41'N$
 $96^{\circ}07.5'W$ July 15, 1963 73-37m 12' Try Net
coll. D. Dockins
- C 824 SI063-503 Oaxaca, Mexico, off Salina Cruz,
12' Try Net $16^{\circ}02.5'N$ $95^{\circ}02.5'W$ July 8,
1963 37m coll. D. Dockins
- Squilla parva Bigelow
- C 1265 MV73-I-39 N.E. Shore of Golfo de Tehuan-
tepec, Mexico $14^{\circ}42.0'N$ $92^{\circ}54.1'W$ $14^{\circ}44.0'N$
 $92^{\circ}56.0'W$ 55m 40' otter trawl April 10,
1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 852 SI065-158 Isla Altamura, Sinaloa, Mexico
 $24^{\circ}37.5'N$ $108^{\circ}13.5'W$ May 26, 1965 70-100
ft. 20' otter trawl coll. Matsui
- C 851 SI064-782 Viejo Panama Jan. 26, 1960 Tuna
Commission
- C 850 SI064-771 Viejo Panama Feb. 2, 1960 Tuna
Commission
- C 849 SI064-366 Bahia Panama: Rio Juan Diaz 4m
Try Net Dec. 31, 1959 Tuna Commission
- C 848 SI063-522 Golfo de Tehuantepec $15^{\circ}44'N$
 $96^{\circ}06.5'N$ July 15, 1963 27-9m 12' Try Net
Acc. 1585 coll. D. Dockins

- C 1187 MV73-I-96 Golfo de Nicoya, Costa Rica
 $09^{\circ}27.3'N$ $84^{\circ}30.1'W$ $09^{\circ}27.7'N$ $84^{\circ}31.3'W$
 31m 25' otter trawl April 22, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke
- C 1173 MV73-I-15 N. part of Bahia Chamelo, Mexico
 $19^{\circ}34.8'N$ $105^{\circ}08.1'W$ $19^{\circ}34.0'N$ $105^{\circ}07.4'W$
 15-18m 40' otter trawl April 2, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke
- C 1172 MV73-I-14 Bahia Chamela, Mexico $19^{\circ}34.2'N$
 $105^{\circ}08.2'W$ $19^{\circ}33.7'N$ $105^{\circ}07.4'W$ 27-18m 40'
 otter trawl April 2, 1973 R/V Agassiz
 coll. C. Hubbs, S. Luke
- C 1221 MV73-I-66 Golfo de Fonseca, El Salvador
 $13^{\circ}07.0'N$ $88^{\circ}07.0'W$ $13^{\circ}06.5'N$ $88^{\circ}05.0'W$
 18m 40' otter trawl April 17, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke
- C 846 SI063-502 Oaxaca, off Salina Cruz $16^{\circ}02.5'N$
 $95^{\circ}07.5'W$ July 8, 1963 31-35m 12' Try Net
 coll. D. Dockins
- C 1378 MV73-I-65 Golfo de Fonseca, El Salvador
 $13^{\circ}06.5'N$ $87^{\circ}57.6'W$ - $13^{\circ}05.1'N$ $87^{\circ}59.5'W$
 24-29m 40' otter trawl April 17, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke
- C 962 SI065-160 Banderas Bay, Mexico $20^{\circ}44'N$
 $105^{\circ}24.6'W$ June 2, 1965 95 ft. 20' otter
 trawl coll. Jerde & Matsui
- Squilla tiburonensis Schmitt
- C 866 SI065-277 Canal de San Jose $25^{\circ}00.6'N$
 $110^{\circ}43.0'W$ $24^{\circ}57'N$ $110^{\circ}41.5'W$ 64m 40'
 otter trawl July 8, 1965 coll. Rosenblatt
- C 865 SI068-75 Bahia Santa Ines $26^{\circ}58.3'N$
 $111^{\circ}55.4'W$ $26^{\circ}57.6'W$ $111^{\circ}53.7'W$ 62m 41'
 Marinovich trawl Jan. 14, 1968 R/V Washington
 coll. Hubbs
- C 810 SI069-235 Baja Calif. Coast $25^{\circ}39.2'N$
 $112^{\circ}13.0'W$ $25^{\circ}38.1'N$ $112^{\circ}12.8'W$ 40m 16'
 otter trawl April 19, 1969 D. Dockins &
 party
- C 831 SI065-158 Isla Altamura, Sinola, Mexico
 $24^{\circ}37.5'N$ $108^{\circ}13.5'W$ May 26, 1965 70-100
 ft. 20' otter trawl coll. Matsui
- C 830 SI064-880 N.N.W. of Cabo San Lazaro
 $24^{\circ}51.2'N$ $112^{\circ}19.5'W$ $24^{\circ}53.3'W$ $112^{\circ}18.8'W$
 Nov. 15, 1964 otter trawl 53-58m
- C 829 SI070-70 Sonora, Mexico, off Cerro Colorado
 $24^{\circ}0'$ shrimp trawler 37m March 17-18,
 1970 McConaughey & Dockins
- C 828 Punta de Juan Grande, Panama coll. G.V.
 Howard April 30 or May 2, 1955
- C 827 SI062-236 S. arm of Bahia de Los Angeles
 $28^{\circ}55.6'N$ $113^{\circ}31.3'W$ April 26, 1962
 shrimp trawl 22-37m coll. Rosenblatt
- Squilla sp.
- C 2460 RR65-97 Bahia de La Paz, Baja Calif. Sur
 $24^{\circ}25'N$ $110^{\circ}36'W$ $119^{\circ}128m$ 40' otter trawl
 July 24, 1965 R. Rosenblatt
- C 2386 El Golfo II BT-162 Golfo de Tehuantepec,
 Mexico $15^{\circ}48.5'N$ $95^{\circ}58'W$ 55m 20' otter
 trawl June 6, 1965 T. Matsui
- C 2200 6108-B-51 Banderas Bay, Jalisco, Mexico
 $20^{\circ}41'N$ $105^{\circ}22'W$ 46-55m 10' otter trawl
 Aug. 21, 1961 coll. F.H. Berry
- C 2722 SI062-14 W. side of Maria Madre Is.,
 Tres Marias Is., $21^{\circ}37'N$ $106^{\circ}42'W$ 16'
 otter trawl Aug. 14, 1961 2007-2050 F.H.
 Berry (6108B-14)
- C 2453 El Golfo II BT-157 Guerrero, Mexico
 $17^{\circ}34'N$ $101^{\circ}31.2'W$ 90-160 ft. 20' otter
 trawl June 4, 1965 T. Matsui
- C 2243 6108B-52 Banderas Bay, Mexico $20^{\circ}41'N$
 $105^{\circ}23.5'W$ 10' otter trawl 63-65m Aug.
 21, 1961 coll. F.H. Berry
- C 2658 B6411-3 TR #112 Pta. Marquis, Baja Calif.
 Sur $23^{\circ}34'N$ $110^{\circ}23'W$ 64m 16' otter trawl
 Nov. 9, 1964 R/V B. Douglas (SI064-867)
- C 1224 MV73-I-62 near edge of Continental Shelf,
 Guaremala $13^{\circ}24.8'N$ $91^{\circ}18.8'W$ $13^{\circ}26.7'N$
 $91^{\circ}21.8'W$ 130-121m 40' otter trawl April
 16, 1973 R/V Agassiz coll. C. Hubbs,
 S. Luke
- C 1381 SI067-133 Ensenada Camp N. of San Felipe,
 Baja Calif. Norte ca. $31^{\circ}N$ $114^{\circ}48'W$ 0-2
 ft. hand net & sieve May 22-23, 1967 low
 tide coll. D. Hoese
- C 1217 MV73-I-72 10 mi. from Pt. Guiones, Costa
 Rica $09^{\circ}47.3'N$ $85^{\circ}34.0'W$ $09^{\circ}46.3'N$
 $85^{\circ}34.3'W$ 104m 25' otter trawl April 19,
 1973 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1245 MV73-I-21 E.S.E. from Punta San Telmo,
 nearer Pta. Lizardo, Mexico $18^{\circ}06.5'N$
 $102^{\circ}57.3'W$ $18^{\circ}07.0'N$ $102^{\circ}58.6'W$ 37-38m
 40' otter trawl April 4, 1973 R/V Agassiz
 coll. C. Hubbs, S. Luke
- C 1216 MV73-I-41 Golfo de Tehuantepec, Mexico
 $14^{\circ}49.2'N$ $93^{\circ}67.7'W$ $14^{\circ}52.6'N$ $93^{\circ}69.5'W$
 91-101m 25' otter trawl April 11, 1973
 R/V Agassiz coll. C. Hubbs, S. Luke
- C 1179 MV73-I-40 Golfo de Tehuantepec, Mexico
 $14^{\circ}44.8'N$ $93^{\circ}00.0'W$ $14^{\circ}41.2'N$ $93^{\circ}02.0'W$
 82-88m 40' otter trawl April 10, 1973
 R/V Agassiz coll. C. Hubbs, S. Luke
- C 856 SI065-165 Golfo de Tehuantepec $15^{\circ}55'N$
 $95^{\circ}24'W$ June 6-7, 1965 91-110m coll.
 Jerde, Matsui
- C 1277 MV73-I-38 Golfo de Tehuantepec, Mexico
 $15^{\circ}30.0'N$ $93^{\circ}22.0'W$ $15^{\circ}31.0'N$ $93^{\circ}23.1'W$
 22m 40' otter trawl April 10, 1973 R/V
 Agassiz coll. C. Hubbs, S. Luke
- C 1689 Mag Bay C-11 N. of Boca de Soledad N. of
 Is. Sta. Magdalena $25^{\circ}18.0'N$ $112^{\circ}11.0'W$
 22-24m otter trawl Feb. 1, 1964 coll.
 B.J. Zahuranec (SI064-79)
- C 1200 MV73-I-95 Golfo de Nicoya, Costa Rica
 $09^{\circ}27.5'N$ $84^{\circ}21.7'W$ $09^{\circ}28.3'N$ $84^{\circ}24.2'W$
 26-24m 25' otter trawl April 22, 1973
 R/V Agassiz coll. C. Hubbs, S. Luke
- Gen. Indet.
- C 2897 MV72-II off Rio Loa, Chile $21^{\circ}29.0'S$
 $70^{\circ}06'W$ shallow near beach April 30,
 1972 R/V T. Washington S. Luke
- C 2433 RR65-96 Bahia de La Paz, Baja Calif. Sur
 $24^{\circ}27'N$ $110^{\circ}38'W$ 46m 40' otter trawl
 July 23, 1965 R. Rosenblatt
- C 2425 DFH66-9 Port Arkansas, Texas, at Institute
 off Marine Science Pier, tide trap, sum-
 mer 1964 D.F. Hoesche
- C 1404 Yvonne Is., near bomb craters Cactus and
 LaCrosse, Eniwetok Atoll, ca. $11^{\circ}30'N$
 $162^{\circ}10'E$ 0-60 ft., SCUBA & hand collected
 Sept. 1971 to May 1972 coll. T. Dana,
 R. Nolan, T. Scanland
- Family Gonodactylidae
- Pseudosquilllopsis lessonii (Guerin)
- C 871 SI063-73 Eucador, Isla Isabela, Moreno Pt.
 $00^{\circ}40'S$ $91^{\circ}19'45"W$ March 15-31, 1950
 night light & dip net
- C 809 $32^{\circ}52'N$ $117^{\circ}15.9'W$ June 27, 1906
- C 853 San Roque Bay, Baja Calif. dip net Feb.
 8, 1948 coll. C. Hubbs
- C 854 SI059-354 Bird Rock, San Diego 40-45' 600'
 wall net Pro-noxfish diving, Sept. 25,
 1959 J.C. Quast

- C 870 SIO65-51 E. side of Guadalupe Id. Baja Calif. Norte, Mexico 0-30 ft. chemfish & diving Feb. 28, 1965 coll. C. Hubbs
- Pseudosquilla oculata (Brulle)
- C 960 SIO70-136 Isla Cavada, Islas Secas, Panama 07°59'N 82°01'W April 1, 1970 6-10 ft. chemfish SCUBA coll. R. Rosenblatt
- C 955 MV71-I-14 Guadalupe Is. Lobster Camp E. side 29°00.1'N 118°13.6'N May 21, 1971 SCUBA to 80 ft. R/V Agassiz coll. C. Hubbs, R. Nolan, S. Luke
- C 807 USNM Acc. 213947 Clipperton Island Oct. 20, 1956
- Pseudosquill cf. oculata (Brulle)
- C 855 SIO55-220 740 mi. S.W. of Clarion Is. 7°48'N 120°32'W Oct. 14, 1955 4575m water, surface, dipnet & nite-lite coll. A. W. Ebeling
- Eurysquilla veleronis (Schmitt)
- C 961 SIO65-160 Banderas Bay, Mexico 20°44'N 105°24.6'W June 2, 1965 95 ft. 20' otter trawl coll. Jerde & Matsui
- C 1150 MV73-I-9 N.E. of Is. Maria Madre 21°57.0'N 106°10.0'W 21°56.0'N 106°11.0'W 51m 40' otter trawl March 31, 1973 R/V Agassiz coll. Carl Hubbs, S. Luke
- Hemisquilla ensigera (Owen)
- C 1526 Fisherman caught specimen in San Diego Bay, San Diego, Calif. Spring 1974
- C 873 SIO69-235 Baja Calif. Coast 25°39.2'N 112°13.0'W 25°38.1'N 112°12.8'W 40m 16' otter trawl April 19, 1969 coll. D. Dockins
- C 874 SIO64-884 16' otter trawl 25°37.2'N 112°15.1'W 25°38.8'N 112°15.8'W 9.25 mi. W.S.W. of Boca Animas, B.C. 54-57m Nov. 16, 1964
- C 875 Acc. 1491 La Jolla, Calif. coll. 1952
- C 876 SIO63-806 Turtle Bay March 31, 1962 coll. H. Perkins
- C 877 32°35.0'N 117°11.2'W 32°32.5'N 117°10.7'W 20-22m Jan. 27, 1959
- C 878 SIO65-305 Bahia Santa Inez 26°56.9'N 111°51.9'W 26°58.3'N 111°53.5'W 73-82m 40' otter trawl July 14, 1965 coll. Baldwin
- Gonodactylus oerstedi Hansen
- C 887 TEPE70-5 N. shore of Isla Jicaron, Panama 07°17'20"N 81°47'15"W 1-2' tide pools chemfish-scuba Sept. 16, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, S. Luke
- C 859 1961-V:2A Baja Calif. Sur Mexico Beach N. of fishing camp, San Luis Gonzaga coll. C.L. Hubbs
- C 860 RR-61 SIO61-380 Lobos Rock 24°18'N 110°20'W Lobos Bay, La Paz 40 ft. chemfish & scuba June 26, 1961 coll. Rosenblatt
- C 861 SIO68-166 Algodones Bay, N. of San Carlos Bay March 17, 1968 10' hand collected by J. McCosker
- C 862 SIO60-135 Capricorn St. 74 Tongatapu, Nukuloia harbor 22°S 175°W Nite light dip net Dec. 12, 1952 coll. M.W. JC
- C 863 SIO62-212 Bahia de Los Angeles, E. of Isla Cerraja, April 19, 1962 29° 113°33.7'W 0-22 ft. coll. Hubbs
- C 1647 RR61-47 Isla Partida, Gulf of Calif. 24°32.5'N 110°23.8'W chemfish & SCUBA 8-20 ft. June 23, 1961 SIO61-269
- Gonodactylus stanschi Schmitt
- C 858 SIO68-166 Algodones Bay, N. of San Carlos Bay, living in Porites californica 10 ft. hand collected March 17, 1968 coll. J. McCosker
- C 857 SIO61-274 Isla Partida, Espiritu Santo Id., 24°31.75'N 110°23.75'W June 24, 1961 0-15 ft. rotenone coll. B. Walker
- Gonodactylus sp.
- C 2930 STYX-7 MPE 680920 Sta. 1 Nero Bank 27°58.8'N 177°56.5'W 60-73m rock dredge Sept. 20, 1968 R/V Agassiz W. Newman
- C 2712 RSN155 Runit Is., Eniwetok Atoll, Marshall Is., 11°22.5'N 162°25'E 1-2 ft. Feb. 23, 1974 1100-1230 R. Nolan
- C 913 TEPE70-17 Islas Secas, N.E. bays of Islas Cavada 07°59.3'N 82°01.5'W intertidal scuba Sept. 23, 1970 R/V A. Helix coll. W. Newman, T. Dana, S. Luke
- C 921 TEPE 70-35 S.E. end of Niaklubir Is. Holandes Cay, San Blas, Panama 0-4 ft. 09°35'07"N 78°44'27"W Oct. 7, 1970 R/V Alpha Helix coll. W. Newman, T. Dana, Luke
- C 872 SIO62-58 Maria Magdalena Id. Tres Marias Is. 21°23.8'N 106°24.4'W 20 ft. rotenone scuba Aug. 23, 1961 coll. Dockins
- C 2647 RR65-42 Agua Verde Bay, Baja Calif. Sur 25°30.7'N 111°04.2'W 5 ft. noxfish July 12, 1965 W. Baldwin (SIO65-296)
- C 2645 RR65-45 Isla Carmen, Baja Calif. Sur 25°59.2'N 111°05'W July 13, 1965 50-75 ft. chemfish & SCUBA R. Rosenblatt (SIO65-299)
- C 1667 TEPE70-3 Panama, Pacific side 07°19.1'N 81°45.2'W 07°19.3'N 81°45.6'W 22-31m Rock dredge Sept. 15, 1970 R/V A. Helix coll. W. Newman, S. Luke
- Gen. Indet.
- C 3400 N. end of Rest Beach, Key West. Fla. April 4, 1943 M. W. Johnson
- Stomatopoda
- Incertae Sedis
- C 2413 RR65-16 Canal de San Jose, Baja Calif. Sur 24°59.75'N 110°46'W 45-75 ft. chemfish July 8, 1965 R. Rosenblatt