

LACM 1986-198

DEPTH: 1-5 m ECOTYPE: marine

LABEL HABITAT: coral rubble wash, Thallasia bed near pier

LOCALITY: inner reef flat, Punta Cahuita Reef, Parque Nacional Cahuita, Limon Prov., Costa Rica

LAT/LONG: 9° 44.50' N, 82° 48.68' W

COLLECTOR: R.C. Brusca, P.M. Delaney

COLLECTING DATE: 29 OCT 1986

ORIGINAL PRESERVATION: 70% ethanol

DETAILED HABITAT/HAUL: Some coral rubble present and washed into plankton net.

LACM 1986-201

DEPTH: 0-1 m ECOTYPE: marine

LABEL HABITAT: Thalassia & algae

LOCALITY: Puerto Viejo, Limon Prov., Costa Rica

LAT/LONG: 9° 39.0' N, 82° 45.0' W

COLLECTOR: R.C. Brusca, P.M. Delaney

COLLECTING DATE: 30 OCT 1986

ORIGINAL PRESERVATION: 70% ethanol

DETAILED HABITAT/HAUL: Plankton nets scraped across surface of beds.

LACM 1986-202

DEPTH: 1-8 m ECOTYPE: marine

LABEL HABITAT: algae & algae holdfasts wash

LOCALITY: on outer reef crest, Puerto Viejo, Limon Prov., Costa Rica

LAT/LONG: 9° 40.20' N, 82° 45.0' W

COLLECTOR: R.C. Brusca, P.M. Delaney

COLLECTING DATE: 30 OCT 1986

ORIGINAL PRESERVATION: 70% ethanol

ORIGINAL DATA: (9 40 15 N, 82 45 W)

LACM 1986-205

DEPTH: 2-7 m ECOTYPE: marine

LABEL HABITAT: algae, coral rubble, & rock wash

LOCALITY: inner reef lagoon, Punta Cahuita Reef, Parque Nacional Cahuita, Limon Prov., Costa Rica

LAT/LONG: 9° 44.18' N, 82° 48.70' W

COLLECTOR: R.C. Brusca, P.M. Delaney

FIELD #: RCB 31X86

COLLECTING DATE: 31 OCT 1986

ORIGINAL PRESERVATION: 70% ethanol

DETAILED HABITAT/HAUL: Plankton net washes of misc. algae, coral rubble and rocks near Dr. Murillo's most shoreward habitat.

LACM 1986-207

DEPTH: 0-1 m TIDAL ZONE: intertidal ECOTYPE: marine

LABEL HABITAT: algae covered rock wash

LOCALITY: Playa Portete and beach at Hotel Las Olas, Puerto Limon, Limon Prov., Costa Rica

LAT/LONG: 10° 0.50' N, 83° 2.0' W

COLLECTOR: R.C. Brusca, P.M. Delaney

COLLECTING DATE: 1 NOV 1986

ORIGINAL PRESERVATION: 70% ethanol

ORIGINAL DATA: (10 00 30 N, 83 02 W)

DETAILED HABITAT/HAUL: algae covered rock wash

LACM 1986-247

DEPTH: 0 m TIDAL ZONE: intertidal ECOTYPE: marine  
LABEL HABITAT: rocky  
LOCALITY: Playa El Velero, S of Puerto Sandino (= Puerto Somoza), Leon Dept., Nicaragua  
LAT/LONG: 12° 10.0' N, 86° 45.0' W  
COLLECTOR: R.C. Brusca, A.M. Mackey  
COLLECTING DATE: 27 DEC 1986  
METHOD/GEAR: hand  
ORIGINAL PRESERVATION: 70% ethanol  
DETAILED HABITAT/HAUL: Rocky high intertidal, barren rocks, very little algae.  
STATION REMARKS: Collectors accompanied by John Southerland and Sonia Ortega.

LACM 1986-248

DEPTH: 0 m TIDAL ZONE: intertidal ECOTYPE: marine  
LABEL HABITAT: rocky  
LOCALITY: Playa El Transito, 30 mi. S of El Velero, Leon Dept., Nicaragua  
LAT/LONG: 12° 10.0' N, 86° 45.0' W  
COLLECTOR: R.C. Brusca, A.M. Mackey  
COLLECTING DATE: 28 DEC 1986  
METHOD/GEAR: hand  
ORIGINAL PRESERVATION: 70% ethanol  
ORIGINAL DATA: S of Pto. Sandino (=Pto. Somoza)  
DETAILED HABITAT/HAUL: Rocky, upper-mid intertidal. Well protected region of basaltic outcroppings. Modest algae cover.  
STATION REMARKS: Collectors accompanied by John Southerland and Sonia Ortega.

LACM 1987-3

DEPTH: 1-3 m ECOTYPE: marine  
LABEL HABITAT: algal washes  
LOCALITY: inner reef lagoon, Puerto Vargas, Parque Nacional Cahuita, Limon Prov., Costa Rica  
LAT/LONG: 9° 44.18' N, 82° 48.70' W  
COLLECTOR: R.C. Brusca, R. Wetzer  
COLLECTING DATE: 8 JAN 1987  
METHOD/GEAR: plankton net  
ORIGINAL PRESERVATION: 70% ethanol  
DETAILED HABITAT/HAUL: Approx. 40 min. algal washes (Wetzer & Brusca each fill one plankton net). Much Sargassum, other browns, greens, corallines, coralline greens, Caulerpa.

LACM 1987-4

DEPTH: 1-12 m ECOTYPE: marine  
LABEL HABITAT: coral rubble washes  
LOCALITY: inner reef lagoon, Puerto Vargas, Parque Nacional Cahuita, Limon Prov., Costa Rica  
LAT/LONG: 9° 44.18' N, 82° 48.70' W  
COLLECTOR: R.C. Brusca, R. Wetzer  
COLLECTING DATE: 8 JAN 1987  
METHOD/GEAR: plankton net  
ORIGINAL PRESERVATION: 70% ethanol  
DETAILED HABITAT/HAUL: Approx. 30 min. rubble washes (Wetzer & Brusca each fill one plankton net). Rubble with little or no macroscopic algae washed, sediment abundant on rubble

LACM 1987-5

DEPTH: 1-13 m ECOTYPE: marine  
LABEL HABITAT: rock, coral rubble, algae washes  
LOCALITY: inner reef lagoon, Puerto Vargas, Parque Nacional Cahuita, Limon Prov., Costa Rica  
LAT/LONG: 9° 44.18' N, 82° 48.70' W

COLLECTOR: R.C. Brusca, R. Wetzer  
COLLECTING DATE: 8 JAN 1987  
METHOD/GEAR: plankton net  
ORIGINAL PRESERVATION: 70% ethanol  
DETAILED HABITAT/HAUL: General collecting of rocks, rubble, algae, etc. large rocks & dead coral pieces turned & washed with plankton net.  
STATION REMARKS: Wetzer hand collects ophiuroids for Dr. Gordon Hendler.

LACM 1987-7

DEPTH: 0-1 m TIDAL ZONE: intertidal ECOTYPE: marine  
LABEL HABITAT: skimming *Thalassia* bed off point  
LOCALITY: inner reef lagoon, Puerto Vargas area, Parque Nacional Cahuita, Limon Prov., Costa Rica  
LAT/LONG: 9° 44.50' N, 82° 48.37' W  
COLLECTOR: R.C. Brusca, R. Wetzer  
COLLECTING DATE: 8 JAN 1987  
METHOD/GEAR: plankton net, skimming for  
ORIGINAL PRESERVATION: 70% ethanol  
ORIGINAL DATA: (9 44 30 N, 82 48 22 W)  
DETAILED HABITAT/HAUL: Two kinds of sea grass present (mixed) in bed: a typical broad-bladed *Thalassia* and a very narrow-bladed species (almost round-bladed).

LACM 1987-8

DEPTH: 1-3 m ECOTYPE: marine  
LABEL HABITAT: coral broken & rubble washed  
LOCALITY: inner reef lagoon, Puerto Vargas area, Parque Nacional Cahuita, Limon Prov., Costa Rica  
LAT/LONG: 9° 44.18' N, 82° 48.70' W  
COLLECTOR: R.C. Brusca, R. Wetzer  
COLLECTING DATE: 8 JAN 1987  
METHOD/GEAR: plankton net  
ORIGINAL PRESERVATION: 70% ethanol  
DETAILED HABITAT/HAUL: Two 8-gallon buckets of coral rubble collected, returned to Cabinas Vaz, and broken apart with a geology pick.

LACM 1987-9

DEPTH: 1-6 m ECOTYPE: marine  
LABEL HABITAT: algae & gorgonians washed  
LOCALITY: fore reef crest and along sand bottom junction, Puerto Viejo, Limon Prov., Costa Rica  
LAT/LONG: 9° 40.20' N, 82° 45.0' W  
COLLECTOR: R.C. Brusca, R. Wetzer  
COLLECTING DATE: 9 JAN 1987  
METHOD/GEAR: plankton net  
ORIGINAL PRESERVATION: 70% ethanol  
ORIGINAL DATA: (9 40 15 N, 82 45 W)  
DETAILED HABITAT/HAUL: Algae modestly abundant, many gorgonians (mostly *Eunicea*), surface highly rugose & porous, breaks apart easily. Wash algae & scrape rock surfaces w/net  
STATION REMARKS: (Same area as sample #7 of October trip). No large grazing herbivores seen (parrot fish, trigger fish, etc.).

LACM 1987-13

DEPTH: 3-5 m ECOTYPE: marine  
LABEL HABITAT: basaltic rocks on fine silt substrate  
LOCALITY: N base of Puerto Cathedral, 10 km S of Quepos, Parq. Nac. Manuel Antonio, Puntarenas Prov., Costa Rica  
LAT/LONG: 9° 22.0' N, 84° 8.0' W

COLLECTOR: R.C. Brusca, R. Wetzer  
COLLECTING DATE: 12 JAN 1987  
METHOD/GEAR: SCUBA  
ORIGINAL PRESERVATION: 70% ethanol  
ORIGINAL DATA: 10-15 ft  
DETAILED HABITAT/HAUL: Minimal algal cover, gorgonians, urchins, Phataria pyramidata, Diadema mexicanum, purple solitary ascideans, Rhopalium, Pacifigorgia sp.  
STATION REMARKS: Many grunt, some parrotfish, small puffer fish. Visibility poor, ca. 10 ft. ca. 28 C

LACM 1987-44

DEPTH: 1-3 m ECOTYPE: marine  
LABEL HABITAT: algae  
LOCALITY: on and shoalward of inner reef crest, Punta Cahuita Reef, off Puerto Vargas, Limon Prov., Costa Rica  
LAT/LONG: 9° 44.18' N, 82° 48.60' W  
COLLECTOR: G.L. Hendler, R.W. Peck FIELD #: CR 87-5  
COLLECTING DATE: 20 MAY 1987  
METHOD/GEAR: Snorkel/Plankton net  
ORIGINAL PRESERVATION: 70% ethanol  
ORIGINAL DATA: (9 44 11 N, 82 48 40 W)  
DETAILED HABITAT/HAUL:  
STATION REMARKS: Brusca "Isopod sample". Collected by brushing and wafting debris from algae into hand-held plankton net.  
ACCESSION #: F.P.2.88-2

LACM 1987-48

DEPTH: 1-3 m ECOTYPE: marine  
LABEL HABITAT: coral rubble  
LOCALITY: reef flat shoalward of "Acroporita," Punta Cahuita Reef, off Puerto Vargas, Limon Prov., Costa Rica  
LAT/LONG: 9° 44.37' N, 82° 48.70' W  
COLLECTOR: G.L. Hendler, R.W. Peck FIELD #: CR 87-10  
COLLECTING DATE: 20 MAY 1987  
METHOD/GEAR: Snorkel/Plankton net  
ORIGINAL PRESERVATION: 70% ethanol  
ORIGINAL DATA: (9 44 22 N, 82 48 42 W)  
DETAILED HABITAT/HAUL:  
STATION REMARKS: Brusca "Isopod Sample". Collected by wafting over pieces of rubble and catching debris in plankton net.

LACM 1987-65

DEPTH: 0-1 m ECOTYPE: marine  
LABEL HABITAT: Thalassia  
LOCALITY: shoalward of inner reef crest, Punta Cahuita Reef, off Puerto Vargas, Limon Prov., Costa Rica  
LAT/LONG: 9° 44.70' N, 82° 48.68' W  
COLLECTOR: G.L. Hendler, R.W. Peck FIELD #: CR 87-27  
COLLECTING DATE: 23 MAY 1987  
METHOD/GEAR: Snorkle/Plankton net  
ORIGINAL PRESERVATION: 70% ethanol  
ORIGINAL DATA: (9 44 42 N, 82 48 41 W)

STATION REMARKS: Dense Thalassia bed near most eastern point on Pta. Cahuita. Swept plankton net through Thalassia and also collected blades. Later rinsed and preserved sediments collected and washed off blades.