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# Survey of reef fishes at Isla del Coco, Costa Rica, October 22– November 4, 1997

Data · January 1997

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# Cocos Island expedition on STRI's Research Vessel, RV Urraca

October 22- November 4, 1997

Latitude 5.519 N Longitude -87.072 W

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## Participants:

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John Earle, Bishop Museum, Hawaii

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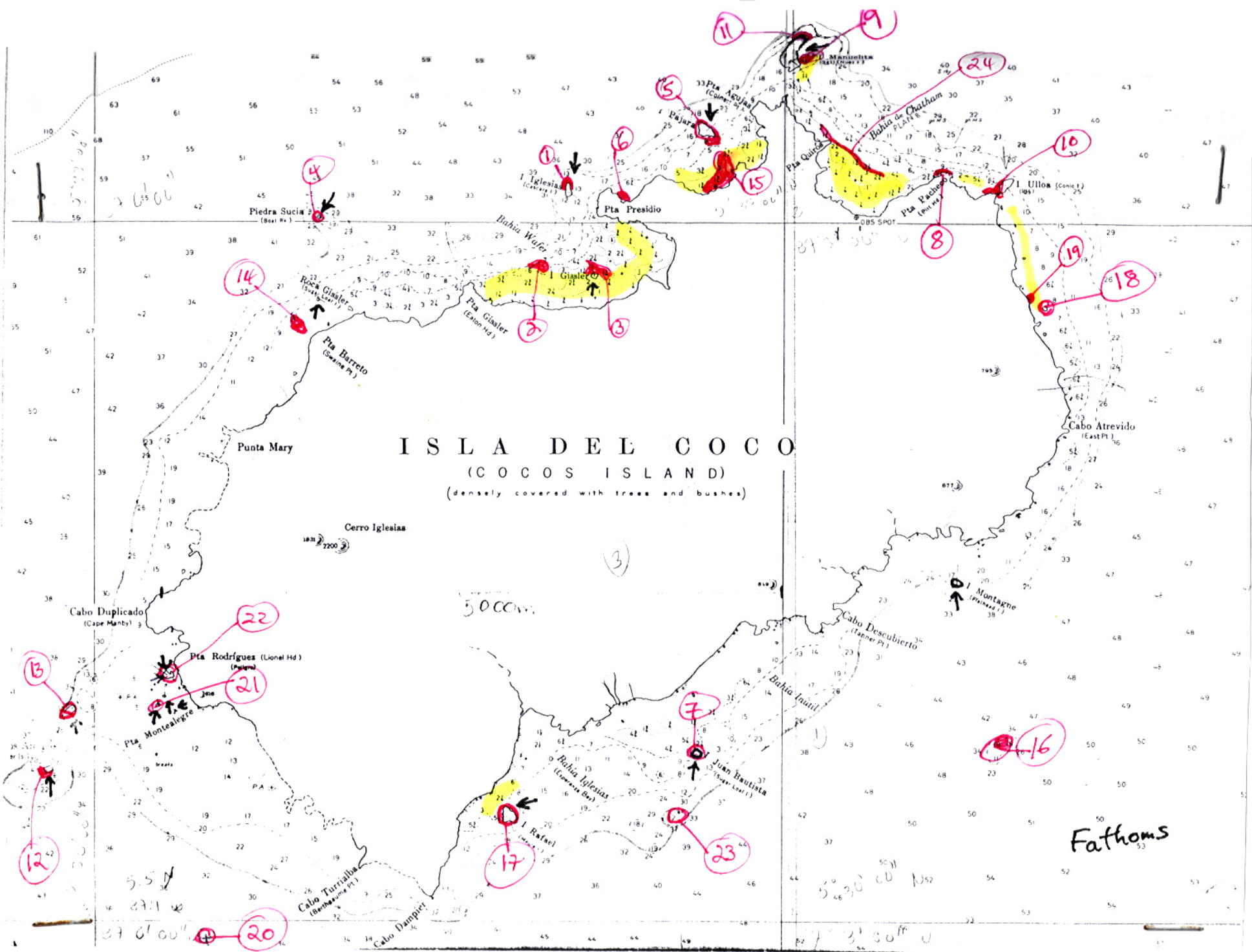
Michael Lang, SI, Washington DC

## Page Contents:

1- Map of Cocos

2- Dive sites table

3- Dive censuses table



# DIVE SITES TABLE

Oct-22	Sites	
	1	to 80' 1/3d Isla Cascara. Porites, Pavona. Pocillopora, Only bleaching is on patch top of Pavona
	2	Coral Reef / sand surface ~55'. Reef is lot Porites, Pavona, bit of Pocillopora, no bleaching
	3	<1% bleaching on a few P. lobata tops. 25-12' was coral reef & 10 P. lobata, Roca Gisser
Oct-23	4	Roca Bote - 95' to surface. Circumnavigation. Porites & Pocillopora, no bleaching
	5	Isla Pajara west side sand channel 60' then Porites reef where, 1 bleached Porites. Porites / Pavona / Pocillopora
	6	Skree & reef at east side Peninsula Presidio- Porites/Pavona/Pocillopora, ~35% cover 1 coral bleach only
Oct-24	7	Circumnavigate Juan Bautista 80'- no bleaching - small calle Porites, Pocillopora, rock chip rubble & sand 50'->100' lot stico 2dis
	8	Southern edge of Chatam Bay - old Porites reef- V little Pavona, Pocillopora ~15-20%, no bleaching
Oct-25	9	Porites Reef & sand. 1 bleached patch Porites only
	5	Sand & rock wall 60'->5'. Lot stico in 55-65' in calcareus algal go ball rubble
	10	Rock in scattered corals & a small Porites reef 30-10'. No bleaching
Oct-26	11	Drop off,
	10	Collected H. discolor - 2 dives
Oct-27	12	Wall west side of small arroyo, low density Porites & Pocillopora no bleaching
	13	Wall of island - same as 12. no bleaching, good cover of corals
	14	Boulder with moderately density scattered Porites 60-20' boulder in shore of that depth, few Pocillopora & Pavona - max 15% cover, no bleaching
Oct-28	15	Porites reef (~30% cover) at 60-25' boulder to shore with little Pocillopora no bleaching
	15	Shallows ≤20' boulder with few coral
	15	Shallows ≤20' boulder with few coral
Oct-29	16	80-120' top of seamount Bajo Halcyon, sand patch Tubastrea, lot Diadema
	17	Inshore 40'- offshore SE face 100'+ inshore rubble & sand, Scattered Porites & Pocillopora - <10% cover. No bleaching north side ~60' sand & cobble
Oct-30	17	Golf-ball rubble 40' - lot of Scarus settlers, med # od, X. pavo & S. bandanensis, few of Novaculichthys
Oct-31	17	Rotenone in Golf-ball rubble
	17	Rotenone in rocks at base 40'
	17	Rotenone 15' in rocks at shore edge
Nov-01	20	St rock, no corals
	21	large rock 50-15', quite lot Porites at base, Pocillopora mod # A c (1 feeding). No bleaching
	22	around small boulder to 40', Porites 10% scattered Pocillopora, no bleaching
Nov-02	23	Submerged vertical rock face, lot barnacles, no coral
	17	Goll ball 40' - collectey settle
	17	Boulder & dead corals collecty S. arcifrons
Nov-03	24	Sand/ Porites reef surface in Chathma Bay 60-30' then uncovered inshore of reef
	9	Photografy
	18	Collected & fotografy

