

Trees in permanent plot, La Selva Biological Station, Costa Rica.

Tag	dbh	coordinates	description
DC-1	26.8	(24,1)	few vines, very white bark covered with green moss
DC A-2	61.8	(9.6,4)	tan bark, green moss, simple leaves, canopy tree
DC-2	38.5	(13.2,6)	also #50247, light brown fissured bark
DC-3	80.0	(10,4)	thick buttresses white, horizontal fissured bark
DC-4	37.0	(28,15)	thin algae cover on light bark, small buttressing
DC-5	31.2	(23.5,14.8)	small buttresses, tan bark, anostomised in areas, adjacent stilted tree
DC D-2	63	(3,29)	very buttressed, flaking bark, vines, simple leaves, light grey bark
DC-6	53.1	(23.5,16.7)	lichen, smooth bark, low buttressing, below 1.5m
DC C-2	40.8	(25,25)	brown fissured bark, buttresses, heavy vines
DC-7	23.4	(24.4,24.3)	light flaking brown bark

Comments: Set up lines in this order: A-D, A-B, B-C. When confirming C-D, 2 meters short but angle good. Height of canopy is about 35 meters. Plot slopes downhill at a bearing of 30°. There is a lot of exposed dirt and there are many understory plants. Not all plot trees that may have been Pentaclethra were so noted.

PRIMATE GROUP PROJECT

(all undergraduates, Shan Burson, Jeff Jack, Dick Holmes, and David Peart)

Introduction

The primate group project serves as a record on a single day of the size, composition, location, and activity of groups of monkeys near the Sirena Station at Corcovado, Costa Rica.

Methods

Separated in groups of three or four, all researchers walked the trails surrounding the Sirena Station between the hours of 0800 and 1300 on January 24, 1991. Each time monkeys were encountered along a trail, the researchers would note the time, location, size of the monkey group, number of males, females, immature individuals, and infants, and the group's general activities (Tables 1-4). Later, the encounter locations were plotted on maps (Figures 1-2) to reveal monkey densities in given areas, to suggest distributional relationships between species of monkeys, and to serve as a guide and as a means of comparison for similar surveys of monkey populations which may be conducted around Sirena Station in the future.

Table 1 Record of encounters with White Faced Capuchins at Sirena Station, Corcovado, Costa Rica, on January 24, 1991.

Code #	Trail	Time	#	Male	Female	Juvenile	Infant	Activity
W-1	Pavo	9:17	2	2	?	0	0	travelling northeast
W-2	Rio Claro	9:50	many	?	?	?	1	foraging

Table 2 Record of encounters with Howler monkeys at Sirena Station, Corcovado, Costa Rica, on January 24, 1991.

Code #	Trail	Time	Total#	Male	Female	Juvenile	Infant	Activity
H-1	Pavo	10:20	?	heard howling to the south				
H-2	Ollas	12:30	1+	?	?	?	?	
H-3	Sirena	9:45	7	?	?	?	?	resting
H-4	Anacardian	10:00	6+	2	1	?	1	resting / aggression

Table 3 Record of encounters with spider monkeys at Sirena Station, Corcovado, Costa Rica, on January 24, 1991.

Code #	Trail	Time	Total #	Male	Female	Juvenile	Infant	Activity
Sp-1	Pavo	8:50	5+	?	?	0	0	travelling south
Sp-2	Pavo	9:13	3	?	?	0	0	travelling northeast
Sp-3	Pavo	9:17	1	0	0	1	0	
Sp-4	Pavo	9:23	3	?	?	1	0	travelling north
Sp-5	Pavo	9:45	1	?	?	0	0	eating balsa flowers
Sp-6	Rio Claro	8:20	2	?	?	0	0	foraging (balsa?)
Sp-7	Rio Claro	8:35	1	1	0	0	0	foraging (balsa?)
Sp-8	Rio Claro	9:40	12+	?	?	2	1	foraging (balsa?)
Sp-9	Rio Claro	8:45	5+	?	?	?	?	foraging
Sp-10	Rio Claro	10:20	4+	?	?	1	?	foraging
Sp-11	Ollas	11:40	3	?	?	?	?	resting / grooming
Sp-12	Sirena	9:44	14+	?	?	1	0	aggression / resting
Sp-13	Ollas	10:43	2	?	?	0	0	feeding on leaves
Sp-14	Sirena	11:45	3	1	2	0	0	resting / aggression
Sp-15	Onacardian	8:20	17	?	1	0	-	resting / travelling
Sp-16	Onacardian	8:50	5	?	1	1	?	travelling northeast
Sp-17	Onacardian	9:00	7	2	2	1	1	feeding / aggression
Sp-18	Onacardian	9:30	3	1	3	?	2	travelling
Sp-19	Onacardian	10:05	2	?	?	?	1	eating balsa flowers
Sp-20	Onacardian	10:10	7	?	2	?	0	feeding
Sp-21	Rio Claro	12:40	4	1	1	?	2	barking
Sp-22	Rio Claro	12:50	1	1	0	?	0	aggression

Table 4 Record of encounters with squirrel monkeys at Sirena Station, Corcovado, Costa Rica on January 24, 1991.

Code	Trail	Time	Total#	Male	Female	Juvenile	Infant	Activity
Sq-1	Pavo	8:50	5+	?	?	0	0	travelling south

Figure 1 Sitings of White faced Capuchins and Howler Monkeys as ordered in Table 1 and Table 2, respectively. Sampling occurred near Sirena Station, Corcovado, Costa Rica, on January 24, 1991.

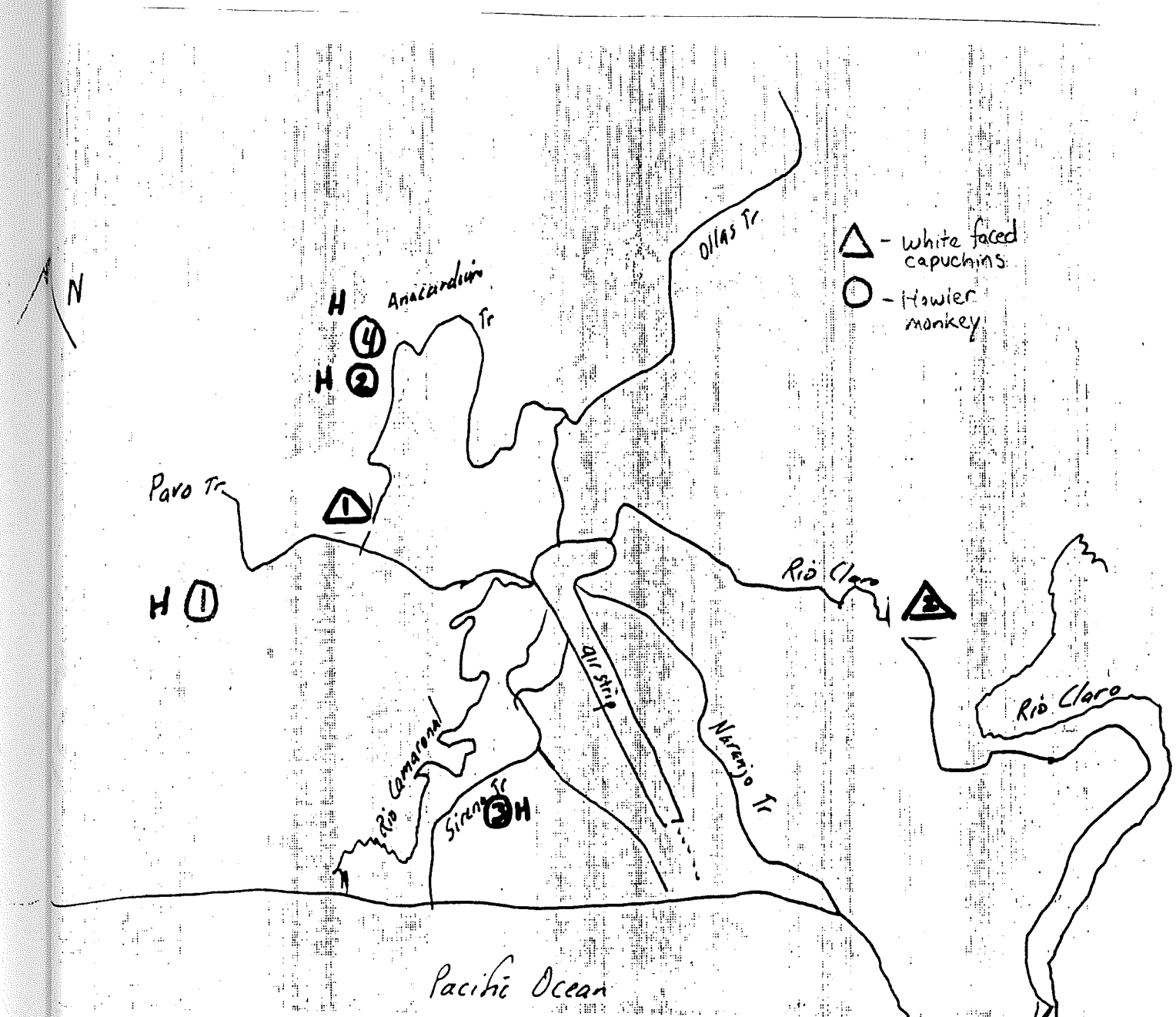


Figure 2 Sitings of Spider Monkeys and Squirrel Monkeys as ordered in Table 3 and Table 4, respectively. Sampling occurred near Sirena Station, Corcovado, Costa Rica, on January 24, 1991.

