

0504

OTS FUNDAMENTALS COURSE
FEB - MAR 1966
LECTURE SCHEDULE

San José

Feb. 2.	Scott & Preston	"Introduction"	0730-0815
	Rodriguez	"Costa Rica: an introduction to the country"	0815-0945
		Break	0945-1000
	Rodriguez	"Human ecology of Costa Rica"	1000-1130
		Lunch	1130-1330
	Rodriguez	continued	1330-1530
		Break	1530-1545
	Scott	"Venomous snakes and snakebite"	1545-1630
	Echeverría	"Health hazards and how to avoid them"	1630-1730
Feb. 3	Williams	"An introduction to tropical pedology"	0730-0845
	DeAbate	"The history of Costa Rican biology"	0845-0945
		Break	0945-1000
	Goodland	"Forest classification systems"	1000-1130
		Lunch	1130-1330
	Williams	"Tropical climates"	1330-1430
	Dodson	"Tropical epiphytes"	1430-1530
		Break	1530-1545
	Dodson	"Environmental problems of epiphytes and how they solve them"	1545-1630
	Kotcher	"The ecology of human parasites in Costa Rica"	1630-1730
Feb. 4	Hooper	"Tropical mammalian faunas"	0730-0830
	Johannessen	"Bread from a palm"	0830-0930
		Pejibaye break	0930-0945
	Johannessen	"Applied tropical ecology and genetics: a case history"	0945-1045
	Jiménez	Tour of venomous snake research facility	1045-1130
		Lunch	1130-1330
	Richarson	"The avifauna of tropical America"	1330-1430
	Goodland	"Tropical America: vegetation and climates"	1430-1545
		Break	1545-1600
	Scott	"Herpetofaunas: Costa Rica vs. California-Florida"	1600-1715
		Dinner	1715-1930
	Lab	"Guanacaste vertebrates"	1930-2130

Turrialba

Feb. 5	Blydenstein	"The FAO"	Afternoon:
	Budowski	"IICA: its organization and goals"	"
		Break	
	Blydenstein	"Productivity of tropical crops"	"
	Preston	"OTS: its organization and goals"	"

Turrialba (continued)

Feb. 6	IICA staff	Tour of IICA facility	Morning
	Budowski	"Tropical forest succession"	Afternoon
	Goodland	"History and state of tropical ecology today"	"
	Goodland	"Tropical plant communities: the Old World vs. the New World"	"

Cañas

Feb. 8	Scott	"The niche concept"	1400-1500
	Hagnauer	"Climate of the Cañas area"	1515-1615
Feb. 9	Scott	"Community interactions and evolution"	1400-1500
	Bussing	Biology and zoogeography of Middle American freshwater fishes"	1515-1615
Feb. 10	Janzen	"Why mountains are higher in the tropics"	1630-1730
	Goodland	"Tropical savannahs, I"	1900-2000
Feb. 11	Janzen	"Insect-plant interactions"	1630-1730
	Scott	"Habitat exploitation of a dry tropical forest by mammals"	1900-2000
Feb. 12	Goodland	"Tropical savannahs, II"	1630-1730
	Janzen	"Mimicry and camouflage"	1900-2000

Playa Coco

Feb. 18	Bussing	"Tropical oceanography"	1400-1500
	Goodland	"Vegetational responses to the monsoon climate"	1515-1615
Feb. 19	Bussing	"Ecology of tropical inshore fishes"	1400-1500
	Scott	"Bats: a tropical phenomenon"	1515-1615
Feb. 20	Bailey	"Worldwide freshwater tropical fish faunas"	1630-1730
	Barnwell	"Circadian rhythms"	1900-2000
Feb. 21	Bailey	"Tropical freshwater fish habitats from a fishes' point of view"	1630-1730
	Scott	"Mammals without teeth the world over"	1900-2000
Feb. 22	Group discussions	"Biotic interactions"	1630-1730 1900-2000

Los Diamantes

Feb. 25	Brown	"Origin and maintenance of tropical species diversity, I"	1400-1500
	Brown	"Origin and maintenance of tropical species diversity II"	1515-1615
Feb. 26	Bussing	"Habitat exploitation by freshwater fishes in the American tropics, I"	1400-1500
	Bussing	"Habitat exploitation by freshwater fishes in the American tropics, II"	1515-1615

Los Diamantes (continued)

Feb. 27	Scott	"Habitat exploitation by amphibians in the wet American tropics"	1630-1730
	Bailey	"Ecology of poeciliid fishes"	1900-2000
Feb. 28	Williams	"The ecology of agriculture in wet tropical lowlands"	1630-1730
	Brown	"Why are there so many ants in the tropics?"	1900-2000
Mar. 1	Goodland	"The wet tropical forest"	1630-1730
	Goodland forest"	"Evergy and nutrient flow in a wet tropical forest"	1900-2000
Mar. 3	Group discussion	"Competition in tropical communities"	1630-1730
		"Problems involved in the study of a tropical wet lowland ecosystem"	1900-2000

Cahuita

Mar. 12	Bakus	"The coral reef: history, geography and composition"	1400-1500
	Michener	"Pollination in the tropics"	1515-1615
Mar. 13	Goodland	"Mangroves communities"	1400-1500
	Bakus	"The coral reef: the evergy cycle"	1515-1615
Mar. 14	Bakus	"The coral reef: fish grazing"	1630-1730
	Scott	"Habitat exploitation of tropical swamp forest by mammals"	1900-2000
Mar. 15	Michener	"The evolution of bee nesting behavior"	1630-1730
	Bakus	"The coral reef: zooxanthellae and light"	1900-2000
Mar. 16	Barnwell	"Problems in animal physiology specific to tropical areas"	1630-1730
	Bakus	"Speciation in the sea"	1900-2000
Mar. 17	Scott	"Habitat exploitation of the wet tropical forest by reptiles"	1630-1730
	Michener	"Problems and advantages of social behavior"	1900-2000

Cerro de la Muerte

Mar. 26	Michener	"Numerical taxonomy from an ecologist's point of view"	1400-1500
Mar. 27	Scott	"Derivation of the vertebrate fauna of the C Cerro de la Muerte"	1630-1730
Mar. 28	Group	"Wrap up--where have we been and what have we done?"	1630-1730

Note: Each lecturer will allow a 5 - 15 minute discussion period within the time allotted