

The abrupt increase of uneffected or unvisited traps at the higher levels or elevations may be due to fewer ants and less possibilities for trail development by hermit crabs as dry leaves cover most of the ground.

From Lameshur Estate House made photo (570717-1) of flamboyant tree and Lameshur Bay beyond. no (570717-2) also of the red flowers of the flamboyant tree as from Lameshur Bay beyond. As one can see, this estate house was placed with a beauty of scene in mind. These early Danish people had a eye for the esthetic. These house were not placed for receiving breeze from ocean, as, for example, the Reef Bay House was quite a distance from the ocean. A Mr. Stick owned this house and grounds before Rockefeller bought the land. A Mr. Pock and his wife lived here from 1953 to 1955. Photo (570717-3) of a nest of the grassquit in organ-pipe cactus. This nest is situated about 20' NE of pond (fresh water) 1/10 mi. W Lameshur Estate House. It is well protected from mongoose depredation. At Lameshur Ranger Station (The Lameshur Lime Mill where N.P. has converted into Ranger Station) photographed some misc. marine life on sands of bay (570717-4) and (570717-5) a close up of a large conch shell and a crab. no. (570717-6) of the reef in Lameshur Bay just beyond the porch of our quarters. This submerged reef has many kinds of fish of a hundred varieties and they can be observed with a snorkel tube and glass face mask. Sand sharks frequently pass through the area and pick up these fish. The yellow areas are large table-size fronds of hard coral fans. Sting ray fish and other large fish use this and adjacent sandy areas. The small fish use the corals for protection.

This P.M. at 8:00 P.M. started to keep record of the building activity of the termites on the wall of our sleeping quarters. All measurements taken daily at 8:00 A.M. and 8:00 P.M.

July 17 P.M. - July 18 A.M. = 30 mm

" 18 AM " 18 P.M. = 34 "

" 18 PM " 19 A.M. = 22 "

" 19 AM " 19 PM = 34 "

" 19 PM " 20 AM = 43 "

" 20 AM " 20 PM = 45 "

" 20 PM " 21 AM = 45 "

" 21 AM " 21 PM = 52 "

" 21 PM " 22 AM = 50 "

" 22 AM " 22 PM = 52 "

" 22 PM " 23 AM = 65 "

July 23 A.M. - July 23 P.M. = 49 mm

" 23 P.M. - " 24 A.M. = 52 mm

Mr. Shade removed termite corridors from walls this date (July 24)

The average distance cover in day = 44 mm

The average distance cover at night = 44 mm

Termites proceed at a constant rate.