non-mycelial and is grown on particles of insect excrement collected by the ants.

(57) *Trachymyrmex septentrionalis* McCook var. *seminola* Wheeler—Coconut Grove (Wheeler); Miami (A. E. Wight).

Making crater nests in the soil of open woods and lawns. The fungus, a white mycelium, is grown on suspended masses of vegetable detritus in chambers some inches beneath the surface.

Subfamily Dolichoderinæ

(58) *Dolichoderus* (*Hypoclinea*) *plagiatus* Mayr var. *beutenmuelleri* Wheeler—Pablo Beach (P. Laurent).

(59) *Dolichoderus* (*Hypoclinea*) *plagiatus* subsp. *pustulatus* Mayr—Long Pine Key (W. S. Blatchley, Wheeler).

Blatchley found his specimens "nesting beneath loose bark of pine on Long Pine Key, and beneath boards on the ground near the old tomato packing shed. Also swept from weeds in old fields." In the same locality I found this ant nesting in the stems of sedges. Males and winged females were present in all the colonies during late December and early January.

(60) *Iridomyrmex humilis* Mayr—Gainesville, Sept. to Oct., 1914.

This, the "Argentine ant," is represented in my collection by a single specimen from the locality above mentioned.

(61) *Iridomyrmex pruinosus* Roger—Royal Palm Park and Long Pine Key (W. S. Blatchley); St. Petersburg (H. Raster); Key Largo, Lower Matacombie Key, Paradise Key (Wheeler); Titusville (Amer. Mus. Nat. Hist.).

(62) *Dorymyrmex pyramicus* Roger—Miami (A. E. Wight); Upper and Lower Matacombie Keys (Wheeler). Recorded by Mayr and Emery from Florida.

(63) *Dorymyrmex pyramicus* var. *flavus* Pergande—Tallahassee; Monticello; Lakeport (A. Deyaert); Pensacola; Gainesville; Miami (A. E. Wight); Miami Beach, Hollywood; Coconut Grove (Wheeler); Dunedin (W. S. Blatchley).

Nesting in crater nests in sandy soil or beach sand.