funiculi are infuscated, and sometimes the pronotum and mesonotum are also infuscated.

Distribution.—Orr's Ranch and Fishers Pass—both in Tooele Co., Iosepa, Trenton, Blanding, Nephi, Showell, Locomotive Springs in Box Elder Co., Rosebud, Grantsville, Kosmo, Blue Creek, Delta, Park Valley, Penrose, Bear River City (Knowlton); Diamond Canyon in Juab Co. (Knowlton and Thornley); St. George (Knowlton and Smith); Willard (Knowlton and Thatcher); West Point (Knowlton and M. J. Janes); Hurricane, Salt Lake Co. (Grundmann); Stansbury Island in Great Salt Lake (Titus); Swasey Springs in Millard Co. (Rees); Logan (Greene); Logan Canyon in Cache Co. (Thatcher); Provo, Ogden (Cole); Delta (collector unknown).

This common species nests in the soil beneath stones in grassy places. The colonies are rather small.

Formica subpolita var. *camponoticeps* Wheeler

Distribution.—Rosette, Clover, Orr's Ranch in Tooele Co., Snowville, Hardup, Kelton, Flux (Knowlton); Stansbury Island in Great Salt Lake, Ft. Douglass Reservation in Salt Lake Co. (Grundmann); Logan (Titus); Swasey Springs in Millard Co. (Rees); Moab (Chamberlin); Provo, Snowville (Cole).

The habits are like those of the typical species.

Formica neogagates Emery

Distribution.—Sevier, Lake Point (Knowlton); Logan (Knowlton, Burrill); Salt Lake City, Alta (Groundmann); Logan Canyon in Cache Co. (Thatcher); S. Fork of Cottonwood Canyon in Salt Lake Co. (Grundmann and Fox); White Valley in Millard Co., Tule Springs (Fautin); Promontory Point (Wetmore); Gunnison, Greenriver (Rowe); Salt Lake City (Parks).

The small colonies nest under stones in open areas, although some construct small craters.

Formica neogagates lasioides var. *vetula* Wheeler

Distribution.—Salt Lake Co. (Grundmann); Ferron Reservoir in Emery Co. (Rees); Warner Ranger Sta. in La Sal Mts. (Creighton).

The habits are the same as those of the typical species.

Fig. 5. Portion of the sagebrush plains, the habitat of *Formica subpolita* Mayr, *F. rufa obscuripes* Forel and *Pogonomyrmex occidentalis* (Cresson).