

- surface and these acute and prominent. Length 2.8–3.5 mm. Guatemala and British Honduras.....*intermedia* Forel.
- Median prothoracic spines short, blunt and usually bifid, much shorter than the lateral pair; mesonotum with two unequal pairs of spines, the anterior pair often reduced to mere tubercles; petiole less than $1\frac{1}{2}$ times as long as broad; tubercles on the dorsum of the first gastric segment (except in *saussurei*) more numerous and less prominent13
13. Larger species (3.5–5 mm.) with robust spines and prominent tubercles; mesonotum in front with two pairs of spines, the anterior small and tuberculiform14
- Smaller species (2.5–4 mm.) with more slender spines and less prominent tubercles; mesonotum in front with a single multifid blunt spine or projection15
15. Sides of head rather straight and subparallel; tubercles on gaster dense and numerous; epinotal spines stouter, directed backward; color ferruginous red; hairs on legs coarse and erect. Arizona. *arizonensis* Wheeler. Sides of head convex; tubercles on gaster larger, sparser and fewer in number; epinotal spines more slender, directed upward; color yellowish brown; hairs on legs less coarse, reclinate. Mexico.....*saussurei* Forel.
15. Color brownish yellow; surface of body rather smooth, slightly shining..16
- Color ferruginous; surface of body opaque and granular.....17
16. Only the front, vertex, a median spot on the postpetiole and a median longitudinal stripe on the first gastric segment black. New Jersey. *septentrionalis* McCook (typical). Dark markings on the head and gaster more extensive and in addition a dark median longitudinal band on the thorax. New Jersey. *septentrionalis* var. *vertebrata* var. nov.
17. Surface of body not covered with gray granules or glistening particles. Texas.....*septentrionalis* subsp. *obscurior* Wheeler (typical). Surface of body covered with gray granules or glistening particles.....18
18. Body covered with glistening particles. Texas. *septentrionalis obscurior* var. *crystallina* var. nov. Body covered with small gray granules.....19
19. Thoracic spines small and slender. Texas. *septentrionalis obscurior* var. *irrorata* var. nov. Thoracic spines longer and more robust; sculpture coarser. Florida. *septentrionalis obscurior* var. *seminole* var. nov.

In my paper on the North American fungus-growing ants I described the habits of the typical *T. obscurior* of Austin, Texas, and gave measurements and figures of its nests. Mr. Hartman has sent me all his notes on several colonies of the varieties *irrorata* and *crystallina*. Although he did not distinguish between these varieties in the field, it is probable that they do not differ appreciably in habits