

TWO NEW MEALY-BUGS FROM NEW MEXICO.

BY T. D. A. COCKERELL.

Phenacoccus cevalliae, n. sp.

♀. Oval, 4 to 5 mm. long, pale olive green, but covered with white secretion, with lateral tassels and thick caudal tassels; placed in alcohol, they stain the liquid pale green; alcoholic specimens appear strongly segmented, with two longitudinal blackish bands, best marked in rather immature specimens. Eyes prominent; skin with many small circular glands; the lateral patches consist of about twelve glands each, but are without spines; a few rather large bristles scattered about the body; legs and antennae reddish-yellow; denticle on inner side of claw rudimentary, just visible; antennae 9-jointed, the club 2-jointed. Measurements of antennae and legs in μ : Anterior legs, femur and trochanter 470, tibia 330, tarsus 130; hind legs, femur and trochanter 540, tibia 440, tarsus 135. Antennal joints: (1.) 45-60, (2.) 108-111, (3.) 63-66, (4.) 60, (5.) 72-75, (6.) 51, (7.) 51, (8.) 45, (9) 67.

Newly-hatched larva very pale lemon-yellow, about twice as long as broad; eyes conspicuous.

Hab.—In enormous numbers on *Cevallia sinuata*, near Lea Lake, east of Roswell, N. M., Aug. 21, 1902. Much preyed upon by Coccinellids (*Hyperaspis*) and Chalcidids. It is allied to *P. solenopsis*, but from its large size and abundant secretion, it looks like a *Ceroputo*. Professor Tinsley was with me when the species was discovered, and we both thought it a relative of *C. yuccae*.

Pseudococcus Neomexicanus (Tinsley), var. *alkalinus*, n. var.

♀. About $2\frac{1}{2}$ mm. long and $1\frac{1}{4}$ broad, covered with mealy-white secretion, with short, thick, cottony caudal tassels, and lateral tassels posteriorly; secreting a thin but dense white sac, which covers all but the hind end of the insect. These sacs are often irregularly stained with bright yellow. ♀ (after boiling in water and mounting in oil of cloves) bright orange; antennae and legs light yellowish-brown; no produced caudal tubercles; labium 120 μ long and about 78 broad; eyes prominent; caudal bristles about 75 μ long; bristles of anal ring about 66 μ ; legs quite stout, breadth of anterior tibia 36 μ ; claw with no denticle on inner side; claw digitules very slender; no distinctly knobbed tarsal digitules; antennae 8-jointed. Measurements of legs and antennae in μ : Anterior legs, femur and trochanter 210, tibia 135, tarsus 69; hind legs, femur and trochanter 231, tibia 174, tarsus 78. Antennal segments: (1.) 45-54, (2.) 48-54, (3.) 36-41, (4.) 24-30, (5.) 24, (6.) 22-24, (7.) 24-25, (8.) 66-78.