

A NEW COCCID FROM CALIFORNIA AT A VERY HIGH ALTITUDE.

BY EDW. M. EHRHORN, MOUNTAIN VIEW, CAL.

Exæretopus caricis, n. sp.

Adult ♀ salmon pink, shiny, about 2 mm. long and 1 mm. broad, elongate oval. Legs and antennæ light brown. ♀ secretes a mass of cotton all over her body, becoming so dense as to completely envelope the entire body, looking more like an elongated *Eriococcus*. This secretion extends caudad, forming a large egg-sac, which, including the whole insect, measures from 4 to 5 mm. Eggs salmon pink. Young larvæ orange colour. Adult ♀ after boiling in K. O. H. derm remains light brown. Margin beset with fine, short, straight spines, incisions having two stout curved spines. There are numerous short conical spines scattered over the derm with irregular rows of long fine hairs. Anal plates large and thick, each with four short, stout spines. Anal ring with six very long, stout hairs, which extend to caudal end of plates. Antennæ long, slender, tapering, 8-jointed. Joint 3 always longest and joint 7 always shortest, each joint with one or more fine hairs, joint 8 with several long hairs. *Formula*: 3.4. 5. 8. (1.2.) 6. 7.

	1.	2.	3.	4.	5.	6.	7.	8.
Measurements of joints in μ :	40.	40.	100.	55.	60.	32.	28.	48.
	40.	40.	80.	60.	50.	30.	24.	24.
	40.	40.	80.	60.	48.	32.	22.	36.
	40.	41.	100.	64.	52.	30.	25.	40.

Legs long and slender. Coxa about half as long as tibia and quite stout. Tibia very little longer than femur. Front tarsus two-jointed. Tarsal digitules long, fine, knobbed hairs about 56μ , those of claw stout, curved clubs, about 32μ . Legs not very hairy, trochanter with a long slender hair. Claw sharply curved.

Hab.—On stems of *Trisetum subspicatum*, (L.) Beauv., and *Carex Breweri*, Boott. Mt. Shasta, above timber line, September 3rd, 1901.

Note.—I have placed this interesting species in *Exæretopus* owing to its two-jointed tarsus. The only other species known is *E. formiceticola*, Newst. (The Ent. Mo. Mag., Vol. V., p. 204), and differs very much from the above species. *E. caricis* abandons the food-plant