

a dark purple-brown with very distinct segmentation. Viviparous.

After boiling in soda, derm colourless. Margin with small curved spines. Lateral incisions with long, stout, curved spine and two shorter ones. Anal plates large, with blunt tips, bearing several hairs and notched on outer margin, together forming a square. Each plate has a distinct brown projection into the body. Anogenital ring with six hairs, which are very long, extending $\frac{2}{3}$ over the plates. Legs stout, coxa and femur each with a stout hair. Femur $\frac{1}{3}$ longer than tibia. Tarsal digitules long, knobbed hairs, digitules of claw broad and thick. Claw stout and curved. Antennæ 7-jointed, formula: 34721 (56). Joints 1 and 2 with two hairs each. Joints 4, 5, 6 and 7 with several hairs. Joint 3 very little longer than 4. Joints 5 and 6 equal. Larva lemon-yellow, very flat, shiny, oval, about twice as long as broad.

Hab.—On *tuberous plant* in Japanese Nursery, at San José, Cal.

Encyrtus flavus and *Coccophagus lecanii* were reared from this species.

SUPPLEMENTARY NOTE, AND NOTICE OF A NEW ERIOCOCCUS.

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Mr. Ehrhorn has been so kind as to send me examples of all his new species above described, and I have also been allowed to examine his type slides. The following remarks are offered as a result of the examination of this material. The measurements of antennæ and legs given are all in thousandths of a millimetre:

Eriococcus adenostomæ, Ehrh.—This is a distinct little species, with a pure white sac.

The following measurements will help to separate several of our species of *Eriococcus*:

Antennæ of adult female: Segments—	1	2	3	4	5	6	7	Formula.
<i>E. adenostomæ</i> , Ehrh.....	?	25.	33.	25.	16.	16.	31.	37(24)(56).
<i>E. neglectus</i> , Ckll.....	?	16.	33.	11.	14.	25.	..	36254.
<i>E. quercus</i> , Comst.....	?	47.	53.	50.	22.	25.	42.	342765.
<i>E. Tinsleyi</i> , Ckll., n. sp. (a)....	?	31.	45.	45.	25.	19.	25.	(34)2(57)6.
" " " (b)....	?	28.	101.	16.	14.	28.	..	3(26)45.

Of course there is considerable variation, and these figures merely represent average specimens selected. The first segment is more or less ringlike, and its length could not be well measured.

Anterior leg of adult female:	Tibia.	Tarsus (excl. claw).	Claw.
<i>E. adenostoma</i> , Ehrh.....	84.	90.	28.
<i>E. neglectus</i> , Ckll.....	62.	76.	22.
<i>E. quercus</i> , Comst.....	155.	76.	28.
<i>E. Tinsleyi</i> , Ckll., n. sp.	98.	107.	33.

In *adenostoma* the femur is very stout; length 118, breadth 64.

The *E. quercus* studied was found by Mr. Quaintance on *Quercus aquatica*, at Lake City, Florida, Jan. 12.

Eriococcus Tinsleyi, Ckll., n. sp., was found by Prof. J. D. Tinsley, April 30th, 1898, on roots of *Atriplex canescens*, close to the Agricultural College at Mesilla Park, New Mexico. The sac is 4 mm. long, of the ordinary form and texture of the genus; yellowish-white. Female removed from ovisac plump, 3 mm. long, nearly 2 broad, not tapering behind, delicately and very thinly pubescent, pale brown with a purple tinge, two purplish dorsal bands faintly indicated. Legs and antennæ light brown. Antennæ sometimes with 6, sometimes with 7, segments, as above. The ♀, placed in K. H. O., immediately turns brilliant crimson.

Larva pale sage green, naked. Immature ♀ purplish-gray, quite bristly with white filaments, or it may be better to say, thinly but conspicuously beset with short white bristles. Eggs pale lemon yellow. Allied to *E. dubius*, Ckll.

Lecanium pubescens, Ehrhorn, is a *Eulecanium* related to *L. quercifex*, Fitch, but differing in the smaller size, and the details of the legs and antennæ. Under a high power the skin is seen to be minutely tessellate, in the manner usual in the subgenus.

L. Crawii, Ehrh., is also a *Eulecanium*. It has a good deal of superficial resemblance to *L. nigrofasciatum*, Pergande, ined., being of about the same size and shape, though of a different colour.

L. ventrale, Ehrh., is related to *L. acuminatum*, Sign., but differs in the longer tarsus.

The following tables will assist in the recognition of these species:

Antennæ of adult female: Segments—	1	2	3	4	5	6	7	Formula.
<i>L. pubescens</i>	45.	45.	64.	73.	33.	28.	47.	437(12)56.
<i>L. Crawii</i>	25.	31.	53.	67.	19.	16.	33.	4372156.
<i>L. ventrale</i>	28.	39.	64.	73.	22.	25.	45.	4372165.

Anterior leg of adult female:	Tibia.	Tarsus (excl. claw).	Claw.
<i>L. pubescens</i>	118.	84.	19.
<i>L. Crawii</i>	95.	70.	..
<i>L. ventrale</i>	104.	73.	16.