

ON A NEW SPECIES OF *LECANIUM* FROM NORTHERN NIGERIA.

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***Lecanium catori*, sp. nov.**

Adult female reddish or brownish ochreous with a dark marginal zone, to uniform dark castaneous. Broadly oval to subcircular; flat; margin evenly rounded, without trace of stigmatic clefts (fig. 1, *a*). Anal cleft completely fused, its position marked by a slight ridge and thickening of the derm. Anal operculum approximately central, the distance from posterior margin of body to anterior extremity of operculum being equivalent to nine-twentieths of the total length. Valves of operculum (fig. 1, *d*) elongate; basal edge nearly twice as long as outer edge; inner edge more than twice the length of the outer edge. Antenna (fig. 1, *c*) 7-jointed: formula, 3, 7, (2, 4), 5, 6, or (3, 4, 7), 2, 5, 6. In some examples there are traces of a division in the third joint.

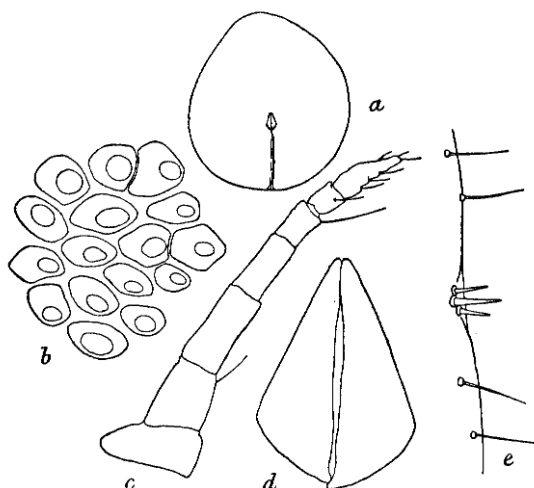


Fig. 1. *Lecanium catori*, Green, sp. n.; *a*, adult female; *b*, cells on the derm; *c*, antenna; *d*, valves of operculum; *e*, dorsal margin.

Limbs rather slender: tarsus approximately three-quarters length of tibia: ungual digitules moderately dilated. Margin (fig. 1, *e*) with a series of longish finely pointed hairs, set at a distance from each other rather less than their own length. Stigmatic spines sharply pointed, shorter than the marginal hairs, placed almost directly on the margin. Derm closely set with large irregularly oval cells (fig. 1, *b*), with a tendency towards a polygonal outline where they are more crowded: each cell containing a large translucent subcentral spot. The cells are more sharply defined on the marginal zone: on the median area their outline becomes obscure, but the translucent nuclear spots remain conspicuous.

Length, 3–4 mm.; breadth, 2.50–3.25 mm.

NIGERIA: Kabba Province, on kola-nut pods, ii. 1914 (*D. Cator*).

The same pods were thickly infested by *Stictococcus sjöstedti*, Ckll.