

fine, about 0.006 mm long. Head hairs about twice as numerous but still few, minute (about 0.006 mm long), simple. Labrum with lateral borders nearly straight. Mandibles with spinules on anterior and posterior surfaces near apex. Maxillary and labial palps with 4 (2 apical, 1 subapical and 1 lateral) sensilla.

SUBMATURE LARVA.—About 4.6 mm long. Similar to mature larva, except as follows. AI more constricted; AIII and following more swollen. Tubercles of 2 types: (1) conoidal, some with small apical tubercle and with 10-16 hairs about 0.075 mm long, with fine flexuous tip; (2) tubercles hemispherical, some with numerous small papillae on apex, with 2-6 hairs (or none), 0.012-0.05 mm long, with fine flexuous tip. Integument with sparse coarse spinules on AX, spinules fewer and smaller anteriorly on abdomen; coarse spinules on venter and dorsum of T1; small and in transverse rows on T2 and T3. Labrum paraboloidal. Mandibles subtriangular in anterior view; blade without medial teeth, medial third with minute spinules. Hypopharynx spinulose, the spinules in short transverse rows.

VERY YOUNG LARVA.—Length (through spiracles) about 1.4 mm. Body with subcylindrical thorax, constricted at AI, widest at AV; length of head greater than diameter of thorax. Tubercles 126, distributed thus: T1-T3 and AIX, 8 each; AI and AII, 10 each; AIII-AVIII, 12 each; AX, 2. Tubercles represented by small hemispheres (largest on AX) with 2-6 minute (about 0.004 mm long) hairs. Spiracles on T2 and T3 vestigial, remainder larger and subequal. Integument on AX, on entire venter and on dorsal surface of posterior somites spinulose, the spinules minute and mostly in transverse rows. Maxillae with minute spinules, isolated or in short rows; palp represented by a cluster of 5 sensilla; opening of sericteries in a slight depression. Otherwise similar to submature.

Material studied.—15 larvae, labelled: "N. Celebes, June 1972, Mt. Klabat, Air Madid, slope 400-600 m, 13-19 June, wet for., W. L. Brown," courtesy of Dr. W. L. Brown.

***Leptogenys iridescens* (F. Smith)**

Fig. 7

Length (through spiracles) about 7.6 mm. Very similar to *L. sp.* #119 (1952: 640) except as follows. Tubercles reduced to very small (about 0.023 mm high) subcylinders, bearing 3 apical sensilla and with none or 1 or 2 minute (0.006 mm tall) slender hairs near base. Tubercles 96, distributed thus: T1, 4; T2, T3, AI and AIX, 6 each; AII-AVII, 10 each; AVIII, 8; AX, 2. Integument of venter of anterior somites with minute spinules in short transverse rows. Labrum subrectangular; anterior surface with about 20 sensilla; posterior surface densely spinulose, the spinules in subtransverse parallel rows; posterior surface with 2 sensilla near each lateral surface. Mandibles with apex strongly curved posteriorly. Maxil-