

isolated sensillum between each palp and the opening of the sericteries, the latter a short transverse slit. Hypopharynx with minute spinules in short transverse rows.

Fourth instar. Length (through spiracles) about 1.4 mm. Similar to mature larva except as follows. Thirteen distinct somites. Dorsal outline of cranium entire. Head hairs fewer (about 25); 0.013–0.05 mm long. Mandibular teeth round-pointed.

Third instar. Length (through spiracles) about 1.2 mm. Similar to fourth instar except as follows. Anus without lips. Type 3 body hairs about 0.075 mm long. Cranium longitudinally subovoidal. Pleurostoma moderately developed. Mandible with longer apical tooth.

Second instar. Length (through spiracles) about 0.88 mm. Similar to third instar except as follows. Spiracles on T2 0.004 mm in diameter, decreasing to 0.003 mm on AVIII. Body hairs long; (1) 0.013–0.05 mm long, unbranched, slightly curved; (2) 0.013–0.05 mm long, slightly curved, deeply bifid; (3) about 0.088 mm long, uncinat. Cranium longitudinally subovoidal. Pleurostoma feeble. Antenna with 2 sensilla. Head hairs 0.025–0.05 mm long. Maxillary palp an irregular knob with 4 sensilla; galea with broad base and digitiform apex with 2 sensilla. Labial palp a short cylinder with 5 sensilla.

First instar. Length (through spiracles) about 0.36 mm. Similar to second instar except as follows. Diameter of head greater than that of thoracic somites; abdomen strongly curved ventrally. Somites all of about same diameter and distinct. All spiracles 0.0025 mm in diameter. Body hairs: (1) about 0.013 mm long, unbranched and slightly curved; (2) 0.025–0.038 mm long, bifid, with branches short to long; (3) about 0.063 mm long, with slightly curved shaft, short uncinat tip. Cranium transversely subelliptical; pleurostoma not developed. Antenna represented by 2 or 3 very slightly raised sensilla. Each half of anterior surface of labrum with 2 sensilla. Mandible feebly sclerotized, subtriangular, short and wide with sharp teeth. Maxillary palp a slight elevation with 4 (?) sensilla. Labial palp a slightly raised cluster of 4 contiguous sensilla. No spinules seen on hypopharynx.

Material studied: numerous larvae from Spain courtesy of X. Espadeler.

SUBFAMILY FORMICINAE