

with fine denticles. Head hairs longer (0.036–0.072 mm long). Maxillae with most of anterior surface of each stipes covered with coarse isolated spinules; each palp digitiform, with four apical and one lateral sensilla.

*Very Young Larva*.—Length about 3.6 mm. Similar to mature larva except as follows. Entire integument minutely spinulose, spinules most prominent on AX and on venter of TI. Cranium subhexagonal with all corners rounded. Mandibles straighter, with teeth long, slender, straight and directed ventrally. Maxillae with spinules minute and in short rows on apex; each palp a low knob with four apical and one lateral sensilla; each galea a short cone. Each labial palp a slightly raised cluster of five sensilla; opening of sericteries a transverse slit in depression. Hypopharynx with few minute spinules.

Material studied: numerous larvae from New South Wales.

#### MYRMECIA URENS Lowne

Length about 7.3 mm. Gonopod vestiges on AIX. Entire integument spinulose, spinules minute and mostly isolated but in short rows on AX and on venters of anterior somites. Cranium with occipital outline flatter. Mandibles bearing few striae, teeth more prominent and closer together. Each maxillary palp a skewed peg with one apical, two subapical and two lateral sensilla.

*Young Larva*.—Length about 3.3 mm. Similar to mature larva except as follows. Thoracic spiracles about  $\frac{1}{2}$  diameter of abdominal spiracles. Mandibular teeth slender and very acute.

Material studied: 14 larvae from New South Wales.

#### MYRMECIA VARIANS Mayr

*Immature Larva*.—Length about 9.2 mm. Gonopod vestiges on AIX. Integument with spinules on all surfaces of AX and on venters of anterior somites. Body hairs less numerous and longer (0.025–0.51 mm long), with short denticles; hairs mostly short, but with ring of the longer hairs around middle of each somite. Mandibles with notably larger teeth. Each maxillary palp a short cone with four apical and one lateral sensilla; galeae digitiform. Each labial palp a slight elevation with five sensilla.

*Very Young Larva*.—Length about 4.3 mm. Similar to mature larva except in following details. Body hairs shorter (0.018–0.3 mm long). Mandibles with teeth narrow and more acute.

Material studied: 15 larvae from New South Wales.

#### MYRMECIA VINDEX F. Smith

Length about 21 mm. Integumentary structures of unknown nature and function on each ventrolateral surface of each abdominal somite; minute spinules in short transverse row on venters of anterior somites. Body hairs fewer, 0.06–0.3 mm long, minutely denticulate. Head hairs very few, longer (0.03–0.09 mm long). Mandibles with stouter teeth; spinules fewer and smaller. Maxillae with apex narrower; each palp a round-topped peg, with four apical and one lateral sensilla. Labium with fewer and smaller spinules. (Material studied: one larva from Western Australia.)

#### MYRMECIA WILSONI Clark

*Semipupa*.—Length about 12 mm. Stouter. Body hairs finely denticulate, of two types (with few intergrades): (1) short (0.035–0.1 mm long), generally dis-