

Diagnostic Characters : worker. Head depressed, emarginate posteriorly, with the outline of the sides of the head from front arched; mandibles broadly triangular, masticatory margin dentate, apical tooth long acute and slightly curved; narrow clypeus acutely produced upwards in the middle to between the base of antennae; antennae 12-jointed, long, cylindrical. Throax Short rounded and convex above; pro-mesonotal suture well-marked; a wide distinct suture between epimeron and episternum of mesothorax; meso-metanotal suture barely indicated above. Node of pedicel high, on a level with thorax, very convex and rounded in front. Abdomen massive, elongate.

Key to the species of *Ectomomyrmex* Mayr

1. Node of pedicel convex in front; upper portion of the posterior face bevelled off towards the front. 2
- Node of pedicel not bevelled, flat and truncate anteriorly and posteriorly. *leeuwenhoeki*
2. Abdomen finely and closely punctured, opaque, not shining. *astuta*
- Abdomen smooth, highly polished and shining *javana materna*

28. *Ectomomyrmex astuta* (Fred. Smith)

Pachycondyla astutus Fred. Smith, 1858, *Cat. Hym. Brit. Mus.*, 6 : 107

Ectomomyrmex sundasicus, Mayr, 1867, *Tijds. v. Ent.*, 10 : 85.

Ectomomyrmex astutus, Chapman and Capco, 1951, *Checklist of ants of Asia*, 1 : 61.

Material examined : 46 ex: 4 ex, India, Meghalaya, east Khasi hills, Shillong, Botanical garden, 14.vi.74, Coll. M.S. Jyrwa; 3 ex, East Khasi hills, Upper Shillong, 1.viii.76, Coll. R. Mathew; 1 ex, East Khasi hills, Mawlai, 2.x.75, Coll. R. Mathew; 1 ex, East Khasi hills, Shillong 4.xii.76, Coll. M.S. Jyrwa; 1 ex, East Khasi hills, Shillong, Nongthymmai, 9.vii.75, Coll. M.S. Jyrwa; 3 ex, Upper shillong, 1.viii.76, Coll. R. Mathew; 1 ex, Shillong, fruit Garden 18.vi.75, Coll. R. Mathew; 1 ex, Shillong Peak, 1.i.77, Coll. R. Mathew; 4 ex, Shillong, Sericulture garden, 25.ix.75, Coll. R. Mathew 1 ex, East Khasi hills, Old Barapani, 23.iv.77, Coll. R. Mathew; 1 ex, Shillong, 3.xii.74, Coll. M.S. Jyrwa; 3 ex, Shillong 7.viii.76, Coll. M.S. Jyrwa; 3 ex, East Khasi hills, Mawpat, 19.iv.79, Coll. R. Mathew; 2 ex, Shillong, 30.x.75, Coll. M.S. Jyrwa; 2 ex, East Khasi hills, Pynursla, 17.viii.81, Coll. C. Radhakrishnan; 4 ex, East Khasi hills, Laitkor, 10.vii.74, Coll. R.S. Giri; 2 ex, Jaintia hills, Shangpung, 6.xii.75, Coll. S.K. Chanda; 2 ex, East Khasi hills, Old Barapani, 23.iv.77, Coll. R. Mathew; 1 ex, Shillong, 17.v.77, Coll. R. Mathew 2 ex, East Khasi hills, Nongkhylliem Reserve forest, Umtasor, 19.v.82, Coll. C. Radhakrishnan; 1 ex, West Khasi hills, Sonapahar, 30.x.86, Coll. C. Radhakrishnan, 2 ex, West Khasi hills, 25 km. South of Nongstoin on Syrkon Road, 29.i.87, Coll. K.P. Singh.

Diagnostic characters: worker. Black, mandibles, tibiae and tarsi of legs reddish; head finely and closely striate, the striae diverging posteriorly from a medial line; head emarginate, occiput smooth and shining; thorax convex, pronotum narrowed anteriorly to form a neck, with concentric