

- Metanotal spines longer than metanotum 9
- 4. Pronotum sculptured 5
- Pronotum not sculptured 6
- 5. Eyes elongate *hodgsoni*
- Eyes round *anthracina*
- 6. Basal level portion of metanotum sculptured, pronotum convex, not tuberculate *walshi*
- Basal level portion of metanotum smooth; pro-mesonotal suture obsolete 7
- 7. Metanotal spines short, shorter than the length of the basal level portion of metanotum *politula*
- Metanotal spines long, longer than basal level portion of metanotum *travancorensis*
- 8. Metanotal spines thick at base, apex directed backwards and inwards *rothneyi*
- Metanotal spines slender, apex directed backwards and outwards; first flattened joint of pedicel with the sides rounded, not angular. *artifex*
- 9. Pronotum longitudinally striate, first flattened joint of pedicel with the sides strongly arched, nearly semicircular. *flava*
- Pronotum reticulate; first flattened joint of pedicel as broad as long, the sides angular in the middle. *rogenhoferi*

89. *Crematogaster anthracina* Fred. Smith

Crematogaster anthracina Fred. Smith, 1857, J. Proc. Linn. Soc. Lond. Zool. 2 : 75.

Crematogaster (Nemetocrema) anthracina, Chapman and Capco, 1951, checklist of the ants of Asia, 1:95.

Material examined : 15 ex, India, Meghalaya, East Khasi hills, Shillong, Tripura Castle Road, 23.ii.76, Coll. S.K. Goswami.

Diagnostic characters : worker. Reddish brown to black, smooth, polished and shining, the sides of the head and antennal hollows slightly longitudinally striate; the thorax and pedicel above finely rugulose; mandibles finely rugulose, opaque; clypeus strongly convex in the middle, the transverse anterior margin depressed and bent inwards; antennae short, scape not reaching the top the head; eyes placed about the middle of the head laterally; pronotum broad, convex and rounded anteriorly; mesonotum somewhat flat, rounded anteriorly; meso-metanotal suture deeply impressed; the basal portion of the metanotum horizontal, broadening posteriorly; metanotal spines divergent; 1st node of pedicel flat anteriorly, transversely oval, 2nd node slightly raised and longitudinally sulcate.