

- broader than long; body with few or no erect hairs, except on apex and underside of gaster (0–9 standing hairs on mesosoma and first gastral tergum), but with abundant and conspicuous appressed pubescence; with head in full-face view, antennal scapes do not reach, or at least do not distinctly surpass, posterior borders of occipital lobes.....*A. sedilloti* Emery
6. Petiolar node in profile thin, tapered to a very narrowly rounded, or even sharp, apical scale-like part near its base not more than 0.20 mm long.....7
- Petiolar node in profile thick, with broadly rounded summit, about as thick as near base of erect part of node.....9
7. HL + ML < 1.50 mm; maximum measurable eye length < 0.15 mm*A. graeffei* Mayr
HL + ML > 1.50 mm; maximum measurable eye length > 0.15 mm8
8. Frons smooth and shining, the frontal striations extending only a short distance beyond the level of eyes; body yellowish; EL > 0.25.....*A. yerburyi* Forel
Frontal striation reaching all the way to nuchal carina, or most of the way; body red brown; EL < 0.25
.....*A. validus* sp. nov.
9. First gastral tergum densely and more or less opaquely sculptured over at least the anterior half.....10
First gastral tergum smooth and shining, with only scattered, fine piligerous punctures.....*A. madaraszii* Mayr
10. Anterodorsal margin of petiolar node slightly produced anteriorly, overhanging the anterior slope, which tends to be concave; mesosoma red; first gastral tergum black or piceous, coarsely punctate-striate and opaque to near posterior border.....
.....*A. kanariensis* Forel
Anterodorsal margin of petiolar node broadly rounded, like posterodorsal margin; anterior slope of node convex or straight

as seen from the side; mesosoma, petiole and gaster piceous or blackish, often with bluish opalescence; the first gastral tergum with punctate-rugulose sculpture diminishing to nearly smooth and shining on posterior half or third of the segment*A. obscurior* Brown

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References

- Bharti, H., 2011. List of Indian ants (Hymenoptera: Formicidae). *Halteres* 3, 79–87.
- Bingham, C.T., 1903. The fauna of British India, including Ceylon and Burma. Hymenoptera. Ants and Cuckoo-Wasps, 2. Taylor and Francis, London (506 pp.).
- Bolton, B., 2012. Bolton's Catalogue and Synopsis Version: 1 January 2012. Downloaded from <http://gap.entclub.org/> (on 10 January 2012).
- Bolton, B., Alpert, G., Ward, P.S., Naskrecki, P., 2007. Bolton's Catalogue of Ants of the World: 1758–2005. [CD-ROM] Harvard University Press, Cambridge, Massachusetts.
- Brown, W.L., 1978. Contributions toward a reclassification of the Formicidae. Part VI. Ponerinae, tribe Ponerini, subtribe Odontomachini. Section B. Genus *Anochetus* and bibliography. *Stud. Entomol.* 20, 549–652.
- Sorger, D.M., Zettel, H., 2011. On the ants (Hymenoptera: Formicidae) of the Philippine Islands: V. The genus *Odontomachus* Latreille, 1804. *Myrmecol. News* 14, 141–163.
- Terayama, M., 1989. The ant tribe Odontomachini (Hymenoptera: Formicidae) from Taiwan, with description of a new species. *Edaphologia* 40, 25–29.
- Terayama, M., 2009. A synopsis of the family Formicidae of Taiwan (Insecta: Hymenoptera). *Liberal Arts Bull. Kanto Gakuen Univ.* 17, 81–266.
- Wang, M., 1993. Taxonomic study of the ant tribe Odontomachini in China. *Sci. Treatise Syst. Evol. Zool.* 2, 219–230.
- Zettel, H., 2012. New-trap ant species of *Anochetus* Mayr, 1861 (Hymenoptera: Formicidae) from the Philippine Islands, a key and notes on other species. *Myrmecol. News* 16, 157–167.
- Zhou, S.Y., 2001. Ants of Guangxi. Guangxi Normal University, Guilin (255 pp.).