

Bionomics. So far this species is found only in the lowland. The type series was collected in a wet evergreen forest near a stream. The colony from Khao Yai National park was collected in a bamboo forest.

Remarks. *Aenictus concavus* is separated from the other species of the group by the following characteristics: head in profile relatively flattened with occipital corner convex bearing a distinct protuberance, in full-face view with posterior margin strongly concave (occipital corner round in the other species except *A. goniocippus*); promesonotum almost flat or feebly convex dorsally.

The single specimen collected from Cat Tien National Park (Eg04-VN-526) is extremely similar to the type series in all characters except for slightly more developed sculpture on mesopleuron, metapleuron, and propodeum and a slightly more angulated propodeal junction.

***Aenictus cylindripetiolus* sp. n.**

[urn:lsid:zoobank.org:act:1BC59AC5-20E0-40E1-96A4-6E5CBFD81E91](http://zoobank.org/act:1BC59AC5-20E0-40E1-96A4-6E5CBFD81E91)

http://species-id.net/wiki/Aenictus_cylindripetiolus

Fig. 5A–G

Type material examined. Holotype. THAILAND: Worker from S. Thailand, Trang Prov., Na Yong Dist., Khao Chong Botanical Garden, evergreen forest, 10.VIII.2009, leg. W. Jaitrong, WJT09-TH2023 (THNHM). **Paratypes.** Twenty-seven workers, same data as holotype (BMNH, MCZC, SKYC, THNHM) and one queen, same data as holotype (THNHM).

Non-type material examined. THAILAND: S. Thailand, Pang Nga Prov., Ban Bang Muang, Ton Chang Fah Falls, 100 m alt., 18.I.1995, leg. Schulz & Vock, 322 (NHMW); S. Thailand, Phang Nga Prov., Khao Lak, Khao Lak N.P., 12.I.1993, leg. Schulz, 828 (NHMW); S. Thailand, Songkhla Prov., Sadao Dist., Longkong Orch., 26.VIII.1998, leg. Pramote (SKYC); S. Thailand, Nakhon Si Thammarat Prov., Yod Nam waterfall, 27.IX.2008, leg. W. Jaitrong, WJT08-S1019 (SKYC, THNHM).

Worker measurements (holotype and paratypes, n = 10). TL 2.90–3.15 mm; HL 0.60–0.65 mm; HW 0.60–0.65 mm; SL 0.53–0.58 mm; ML 0.98–1.05 mm; PL 0.26–0.28 mm; CI 100–102; SI 88–92.

Queen measurements (paratype). TL 6.15 mm; HL 1.03 mm; HW 1.18 mm; SL 0.58 mm; ML 1.68 mm; PL 0.50 mm; CI 115; SI 49.

Worker description (holotype and paratypes). Head in full-face view subrectangular, almost as long as broad, sides weakly convex, posterior margin almost straight or feebly convex. Antennal scape relatively long, slightly extending beyond 2/3 of head length. Frontal carina relatively long, extending beyond the level of posterior margin of torulus. Parafrontal ridge feeble and incomplete. Anterior clypeal margin weakly concave, concealed by curved anterior extension of frontal carina. Masticatory margin of mandible with large acute apical tooth followed by a medium-sized subapical tooth, 2 denticles, and a medium-sized basal tooth; basal margin feebly concave. Maximum