

lateral ridges, middle of anterior border concave. Frontal carinae short, lamellately projected. Frontal area large, triangular, impressed. Antennal sockets large. Antennae silk-formed, $1/3$ length of scape extending occipital border; 4-segmented club distinctly swollen. Eyes roundly convex, situated in the midlength of the sides of head. pronotum flat above, anterior mesonotum slightly higher than pronotum, oblique backward; basal face of propodeum slightly convex, and slightly longer than declivity. Propodeal spines long and acute at tip, their length about as long as the distance between them, upward and divergently backward. Petiolar node subtriangular, blunt at tip, slightly longer than peduncle; postpetiole high, pear-like, narrow anteriorly, the widest area about $1.5 \times$ as wide as the width of petiolar node. Gaster oval.

Mandibles with fine longitudinal striations; head coarsely reticulate, interspaces feebly punctate. Pronotum smooth and shining, anterior area with dense fine punctures; mesonotum and propodeum coarsely reticulate and punctate; basal face of propodeum with regular transverse striations; declivity with fine transverse striations. Base of petiole and postpetiole finely punctate, dorsum of them smooth and shining. Base of first gastral segment finely punctate, remaining portion and other gastral segments smooth and shining.

Erect hairs yellow, long and blunt at tip, relatively dense.

Color yellowish brown. Antennae and legs lighter, brownish yellow.

Paratypes 6 workers: TL 5.4~5.7, HL 1.19~1.25, HW 0.91~0.97, CI 76~77, SL 1.44~1.50, SI 154~159, PW 0.56~0.59, AL 1.72~1.88, ED 0.21~0.23.

Holotype worker, Huaping Natural Reserve, Guangxi, 9. VI. 1995, Shanyi Zhou leg. Paratypes 6 workers, data as holotype.

This new species is related to *A. exasperata* Wheeler, but can be distinguished from the latter by conspicuous antennal club, pronotum smooth and shining, basal face of propodeum without longitudinal groove.

22. *Dolichoderus rugocapitus* sp. nov. (Figs. 307~308)

Holotype worker: TL 3.6, HL 0.88, HW 0.91, CI 103, SL 0.81, SI 89, PW 0.60, AL 1.10, ED 0.22.

Head broadly oval, with convex sides and shallowly concave occipital border. Mandible with a row of acute teeth. Median clypeus slightly convex, anterior border broadly shallowly concave in the middle. Eyes large, slightly convex, situated near midlength of the sides of head. Dorsum of pronotum flat, transversely broad, anterior border highly marginate; mesonotum small, subcircular in dorsal view, anterior portion flat, posterior portion oblique backward suddenly in profile view; promesonotal suture narrowly deeply impressed, mesopropodeal suture deeply impressed; basal face of propodeum convex, declivity concave. Petiolar node anteroposterally compressed, anterior face and posterior face almost parallel, middle of dorsal margin slightly concave. Gaster shortly oval.

Mandibles sparsely punctate, relatively smooth; head and alitrunk coarsely punctate and creased; antennal scapes, petiole, postpetiole and gaster densely finely punctate.

Erect hairs grey white, abundant. Pubescence short and fine, relatively abundant.

Color black. Mandibles, antennae and legs dark yellowish brown.

Paratypes 8 workers: TL 3.5~3.9, HL 0.86~0.91, HW 0.84~0.94, CI 97~103, SL 0.78~0.84, SI 89~92, PW 0.56~0.66, AL 1.06~1.19, ED 0.22~0.25.