

"Promesonotum convex in profile, often low domed-convex and very prominent. [Faint groove marking track of former promesonotal suture sometimes present dorsally]. Anterior face of pronotum rising nearly vertically from cervix and usually forming a distinct rounded angle with the dorsal surface. Metanotal groove usually present [only rarely otherwise]. Anterior edge of propodeum often delimited by transverse carinae. Propodeal spiracle circular, at or slightly behind midlength of propodeum, not strongly shifted posteriorly or ventrally on side of propodeum. Propodeum armed with a pair of teeth or short spines. Inferior propodeal plates present and prominent, rounded to bluntly triangular to quadrate [some species with a pair of ridges connecting these lobes to propodeal plates above]. Metapleural gland openings moderately developed [not reaching level of spiracle]. Metasternal process small to absent [when present it consists of a small lobe or tooth on each side of midline], process not followed by a pair of post-processional carinae. Ventral surface of alitrunk lacking long, deep emargination between hind coxae. Articulation with petiole U-shaped and near level of posterior coxal hind margin. Middle and hind tibiae lacking spurs. Tarsal claws simple.

"Petiole with long, anterior peduncle and (usually) a small anteroventral process (and associated keel). Petiolar spiracle situated on peduncle, in front of peduncular midlength and usually close to its articulation with the alitrunk. Petiolar node rounded in profile; most often conical to subconical.

"Postpetiole with very short peduncles and low node slightly longer than broad. Postpetiolar node always wider than petiolar node. Postpetiolar sternum flat to concave in profile, sometimes with anterior and posterior processes. Postpetiolar-gastral articulation very narrow. In profile, postpetiole attached high on anterior face of gaster. Majority of gaster occupied by first segment. Sides evenly rounded. First gastral tergite often with short basigastral carinae.

"Fine simple pilosity present on all dorsal surfaces of head and body. Body cuticle usually thick and hard; usually sculptured. Head and alitrunk with greatest macrosculpture, usually rugose or scabrous, sometimes foveate to punctulate. Interstices usually punctulate, sometimes glassy-smooth. Mesopleural median suture and metanotal suture usually scrobiculate. Mandibles weakly striate or punctate, never