

tudinal ridges extend from base of clypeus, and towards posterior part of head form a network enclosing round shallow punctures; *mandibles* long, triangular, curved, masticatory border armed with 8 teeth, the apical one long and pointed, two small sharp teeth are situated about the middle beneath the masticatory row; *clypeus* large, triangular, slightly convex, anterior border straight, posterior border pointed and extending between the frontal carinæ, rather finely and shallowly punctured; *frontal carinæ* deeply excised in middle of outer sides, forming a lobe behind covering the profound and deep *scrobes*; *antennæ* 7-jointed, rather short, *scape* triangular, flat above, broadly dilated at base, nearly as long as funiculus, anterior border fringed with a row of white outstanding clavate hairs; *funiculus*: first joint about as long as broad, broader and longer than second joint, last joint long and pointed, longer than the three preceding taken together; *eyes* convex, oval, moderate; *ocelli* small. *Thorax*, sculpture finely rugose, robust, narrowest at base; *pronotum* large, convex, transverse, narrowed anteriorly, sides rounded, posterior border very emarginate; *pro-mesonotal suture* very distinct; *mesonotum* large, narrowed anteriorly, broadest just before base, not very convex, a smooth, longitudinal, rather broad, shallow furrow extends from centre of anterior border, not reaching the middle of mesonotum and diverging in a short V; *præscutellum* very narrow and transverse, suture between it and scutellum marked with a row of short longitudinal narrow raised ridges, spaces between smooth; *scutellum* convex, outstanding, narrowed and projecting posteriorly; *epinotum* with very short dorsal surface, declivity considerably excavated, armed on each side with a sharp-edged pointed projection. *Petiole* with a small rounded not very high node posteriorly, furnished, beneath with a narrow ridge pointed anteriorly; *post-petiole* transverse, convex, rounded at sides and anteriorly posterior border slightly projecting in middle, much broader than petiole; *suture* between post-petiole and gaster very distinct and deep; *gaster* longer than broad, long oval, sculpture finely but distinctly coriaceous, first segment very long. *Legs* short. *Wings* dusky brown, *pterostigma* and *veins* darker brown, covered with fine decumbent brown hairs which extend as a fringe beyond side margins and part of posterior margin, one