

SUMMARY

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The object of this dissertation is to study and increase the taxonomic knowledge of Ichneumonids (Hymenoptera : Ichneumonidae) to the science. Ichneumonids from Western Maharashtra, India, are studied here for the first time.

The dissertation deals with the taxonomic studies on parasitic hymenoptera of the family Ichneumonidae. This includes seven species of six genera belonging to four tribes and three subfamilies of Ichneumonidae. It contains description of four new species and redescription of three known species. The species viz. Xanthopimpla stemnator (Thunberg), X. flavolineata (Cameron), Paraphylax psychitus, sp. nov., Chirotica willingdoni, sp. nov., Gambrus sangliensis, sp. nov., Chlorocryptus ganeshii sp. nov., and Syzeuctus zanthorius Cameron are included.

Out of new taxa studied, genus Gambrus Foerster, known only from the Holarctic region is recorded for the first time from the Oriental region (India). The Indian genus Chlorocryptus Cameron, native of Assam and Sikkim, is discovered for the first time from Maharashtra.