

## INDEX TO THE MANTIDÆ OF NORTH AMERICA, NORTH OF MEXICO.

BY SAMUEL H. SCUDDER, CAMBRIDGE, MASS.

In 1889, Westwood, in the Synopsis of the then known Mantidæ, prefixed to his *Revisio insectorum familiæ Mantidorum*, credits to North America, north of Mexico, nine species belonging to five genera,—Gonatista, Oligonyx, Thesprotia, Mantis, and Stagmomantis. Several species were overlooked by him, and in reality up to the present time twenty-three nominal species have been at different times credited to this region and referred to ten genera,—Ameles, Empusa, Phasmomantis, Stagmatoptera, and Theoclytes, besides the foregoing. Several of the species, however, have been erroneously credited to this country, such as *Empusa gongylodes* and *Mantis gemmata*, both of which are East Indian. Several of the names, moreover, are synonyms of others, so that the number of species these references represent is speedily reduced more than one-half. All of these but *Mantis Wheeleri* Thom., *Phasmomantis sumichrasti* Sauss., and *Oligonyx Uhleri* Stål, I have seen, and to them can add several more not before recognized in the region in question, six of them being apparently hitherto undescribed, together with one genus. The total number of species is fifteen or sixteen, and of genera, eleven, only three of the genera—Litaneutria, Stagmomantis, and Oligonyx—having more than one species; undoubtedly more forms will be found in the West and South.

The group is thus seen to be almost as poorly represented in temperate North America as the Phasmidæ [See CAN. ENT., XXVII., 29]. No species is known to occur in Canada, though a single species or two may possibly be looked for in Southern Ontario and in Assiniboia. The genera, with one exception, belong to the subfamily Mantinæ, and may be separated by the following table, largely adopted from those already given for these insects, by Stål, Bruner, and de Saussure. I add at the end a revision of the nomenclature of the described species, and a determination of the species figured by Glover.

## TABLE OF THE GENERA.

- A'. Upper surface of middle and hind femora and tibiæ rounded; head unarmed (MANTINÆ).  
b'. Inner margin of upper surface of fore coxæ not conspicuously dilated apically.