

Fam. PHASMIDÆ*.

It is more than ten years ago that the Godman-Salvin collection of Phasmidæ was entrusted to Hofrath C. Brunner von Wattenwyl for determination and study. The famous Austrian entomologist would not undertake to publish a separate memoir on the collection, but preferred to incorporate the descriptions of the new species and genera in the great monograph on the Phasmidæ of the world, 'Die Insektenfamilie der Phasmiden,' which, in collaboration with Dr. Jos. Redtenbacher, he has just completed. Consequently it has not been possible to prepare an account of the collection until the present year, or to include the family in its proper place in the Orthoptera. The following pages contain a list of the Phasmidæ of Central America compiled from the aforesaid monograph, and it will be seen that there are numerous species not represented in the Godman-Salvin collection. The dichotomous keys to the subfamilies, genera, and species are reproduced with the necessary modifications from the corresponding keys in 'Die Insektenfamilie der Phasmiden,' as it was thought that they would prove useful to any one studying the Central-American fauna, but for the descriptions of the genera and species students are referred to the original sources and to the monograph. The plates illustrating this collection were prepared some years ago in Vienna under the supervision of Hofrath C. Brunner von Wattenwyl, and as his views of the nomenclature of the Phasmidæ had at that time not reached the finality now attained in his monograph, the names of the species given on the plates in some cases differ from those used in the monograph. (See "Explanation of Plates," *infra*, p. 377.) Several South-American or Antillean forms have been figured, presumably because Hofrath C. Brunner von Wattenwyl holds elastic views as to the limitations of the Central-American region, and no doubt some of these species will eventually be found to occur also within the "Biologia" limits; in the text they are quoted, as elsewhere in this work, in square brackets.

Conspectus subfamiliarum.

1. Tibiæ 4 posticæ area impressa apicali triangulari haud instructæ Sectio ANAREOLATÆ.
2. Segmentum medianum metanoto multo brevius BACUNCULINÆ.
- 2'. Segmentum medianum metanoto longius vel æquilongum PHIBALOSOMINÆ.
- 1'. Tibiæ 4 posticæ area impressa apicali triangulari instructæ Sectio AREOLATÆ.
2. Segmentum medianum metanoto distincte, plerumque multo brevius PYGIRHYNCHINÆ.
- 2'. Segmentum medianum metanoto longius vel subæquilongum.
3. Segmenta abdominis ♂ quadrata, ♀ transversa. Pedes inermes, femoribus nec compressis nec foliaceo-dilatatis ANISOMORPHINÆ.
- 3'. Segmenta abdominis plurima elongata vel femora antica compressa vel foliaceo-dilatata PHASMINÆ.

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