# GUIDE TO THE GENERA AND CLASSIFICATION OF THE NORTH AMERICAN ORTHOPTERA FOUND NORTH OF MEXICO

Published @ 2017 Trieste Publishing Pty Ltd

#### ISBN 9780649022885

Guide to the Genera and Classification of the North American Orthoptera Found North of Mexico by Samuel Hubbard Scudder

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### SAMUEL HUBBARD SCUDDER

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TO THE GENERA AND CLASSIFICATION

OF THE

### NORTH AMERICAN ORTHOPTERA

FOUND NORTH OF MEXICO

BY

SAMUEL HUBBARD SCUDDER



CAMBRIDGE EDWARD W. WHEELER 1897 257,2.82.5 KE 3 4794

MAY 191910

Roston Society of Natural History

The poetry of earth is never dead:

When all the birds are faint with the hot sun,
And hide in cooling trees, a voice will run

From hedge to hedge about the new-mown mead;
That is the Grasshopper's—he takes the lead
In summer luxury,—he has never done
With his delights; for when tired out with fun

He rests at ease beneath some pleasant weed.

The poetry of earth is ceasing never:

On a lone winter evening, when the frost
Has wrought a silence, from the stove there shrills
The Cricket's song, in warmth increasing ever,
And seems to one in drowsiness half lost,
The Grasshopper's among some grassy hills.

KEATS.

#### PREFACE.

The following Tables and Bibliographies are published, not as a finality, but for temporary use by students of Orthoptera in this country, who have few means for working up their collections. The author contemplates a general work on the classification of our Orthoptera, of which this is merely a Proflromus and which may serve its purpose until the material at hand has been more thoroughly studied. The frequent demands made for information have prompted it. The greator number of the tables are based upon those of Stál, Brunner and de Saussure, but these authors are in no way responsible for the form in which they here appear.

A great deal of work has yet to be done, especially in the Saltatorial families, before even the genera of our fauna are fairly known. What is given below includes only data already published or about to be published. Nearly two hundred genera are included in the tables.

CAMBRIDGE, MASS., April 18, 1897.

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## GUIDE TO THE GENERA AND CLASSIFICATION OF NORTH AMERICAN ORTHOPTERA.

All the seven families of Orthoptera are found in the United States, but only the saltatorial families in any considerable variety, unless we may except the Blattidas. In the subfamilies however the case is different, for less than half of them occur within our boundaries at all and a number that do occur are represented only by a single (often introduced) species. The following list will show the proportion that occur in the different families.

| Forficulidae | 1 81 | abfamily rep | resente   | d out o | f 1 re | ecognized |  |
|--------------|------|--------------|-----------|---------|--------|-----------|--|
| Blattidae    | 6 sı | ubfamilies   | 44        | 64      | 11     | **        |  |
| Mantidae     | 2    | 6860         | 66.       | ££      | 6      | 46        |  |
| Phasmidae    | 3    | 64           | <b>66</b> | 60      | 12     | 4         |  |
| Acridiidae   | 4    | 44           | 66        | **      | 9      | 66        |  |
| Locustidae   | 6    | 44           |           | ev.     | 15     | 44        |  |
| Gryllidae    | 6    | 46           | 44        | 64      | 6      |           |  |
|              | ===  |              |           |         | _      | **        |  |
|              | 28   | **           | 54        |         | 60     | "         |  |

It will be seen that even in the saltatorial families scarcely more than half of the subfamilies occur, notwithstanding that all the subfamilies of Gryllidae have representatives. The representation is shown also to be very unequally distributed.

The families of Orthoptera may be distinguished by the table given on the next three pages.