the third, fourth and fifth segments are only tiny orange marks, and on the third segment four shining black spines, the fourth and fifth segments have only two spines each, on all the rest of the body are very fine black hairs; face and legs black with orange marks. When quite young the pale yellow marks are white. When touched the larvae curl themselves up and drop to the ground. On June 18th turned to chrysalis in earth; a pretty chestnut brown [chrysalis], short and fat. On June 30th the moth emerged. Food plant 'worm weed.'" (E. M. Swainson.) The food plant mentioned is most likely *Spigelia anthelmia* L. (Loganiaceae).

The most interesting feature of the larva, as brought out in the above notes, is the development of spines in addition to the hairs. It is to be hoped that a detailed account can be obtained later on.

T. D. A. Cockerell.
Mesilla, N. M. *July 31, 1897.*

BIBLIOGRAPHICAL NOTES. — VIII. *

BY SAMUEL HENSHAW.

BIOLOGIA CENTRALI-AMERICANA. — ARACHNIDA ACARIDEA. By Otto Stoll. 1886-93, pp. 21+55, plates 1-21.

<i>Trombidium</i> , p. 1-6, pls. 1-4;	8 sp. nov.
<i>Rhyncholophus</i> , p. 6, pl. 4;	1 " "
<i>Actineda</i> , p. 7-8, pl. 5;	3 " "
<i>Tetranychus</i> , p. 8, pl. 6;	1 " "
<i>Atax</i> , p. 9-11, pls 7-10;	3 " "
1 var. nov.	

<i>Nesaea</i> , p. 11-13, pls. 10-11;	2 sp. nov.
<i>Limnesia</i> , p. 13-15, pls. 7-9;	4 " "
<i>Bdella</i> , p. 15-17, pl. 3;	1 " "
<i>Scyphius</i> , p. 17, pl. 6;	1 " "
<i>Ixodes</i> , p. 18, pls. 13-14;	1 " "
<i>Amblyomma</i> , p. 19-24, pls. 12, 14;	4 " "
<i>Oribata</i> , p. 24-26, pl. 15;	2 " "
<i>Hoplophora</i> , p. 27, pl. 15;	1 " "
<i>Nicoletiella</i> , p. 27-28, pl. 16;	1 " "
<i>Uropoda</i> , p. 28-31, pls. 16, 17;	5 " "
<i>Megisthanus</i> , p. 31-34, pls. 18-19;	2 sp., 1 sp. nov.
<i>Celaenopsis</i> , p. 35-37, pls. 16, 19-20;	2 sp. nov.
<i>Pachylaelaps</i> , p. 37-38, pl. 19;	1 var. nov.
<i>Holastaspis</i> , p. 39, pl. 20;	1 sp.
<i>Megninia</i> , p. 40-41, pl. 21;	1 sp. nov.
<i>Pterolichus</i> , p. 41-42, pl. 21;	1 " "
<i>Proctophyllodes</i> , p. 42-43, pl. 21;	1 " "

The fifty-five (55) species of Acaridea hitherto described from Mexico and Central America belong to eleven (11) families and twenty-four (24) genera, as follows:—

Trombididae,	2 genera,	9 species.
Actinedidae,	1 genus,	1 " "
Tetranychidae,	1 " "	2 " "
Hydrachnidae,	3 genera,	9 " "
Bdellidae,	1 genus,	1 " "
Eupodidae,	1 " "	1 " "
Ixodidae,	4 genera,	13 " "
Oribatidae,	2 " "	3 " "
Nicolettiellidae,	1 genus,	3 " "
Gamasidae,	5 genera,	12 " "
Sarcoptidae,	3 " "	3 " "

* For VII, see v. 7 p. 425.

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