

small. Mr. B. D. Walsh, 1867, Proc. Ent. Soc. Phil., T. vi., p. 285-287, enumerates 20 species from Illinois, occurring on 14 different genera of woody plants. On *Ulmus*, 3 species; *Populus*, 1; *Carya*, 1; *Salix*, 2 (and probably several others); *Quercus*, many Acarideous semi-galls or mere woolly indented deformations of the leaf; *Fraxinus*, 2; *Betula*, 1; *Juglans*, 2; *Crataegus*, 1; *Prunus*, 1; *Cerasus*, 1; *Tilia*, 1; *Cephalanthus*, 1; *Acer*, 2; *Negundo*, 1. Only the two species on *Salix* are named and described.

Mr. H. Shimer, 1869, Trans. Amer. Ent. Soc., T. ii., p. 319, described from *Acer dasycarpum* a gall containing *Vasates quadripedes*, nov. gen. and sp. Mr. J. A. Ryder, 1879, Amer. Naturalist, T. xiii., p. 704, describes an Erineum on *Acer*.

Mr. W. H. Ashmead, 1879, CAN. ENT., T. xi., p. 159, describes *Thyphlodromus oiliivorus** of oranges, as the cause of the rust of the fruit.

Mr. T. J. Burrill, 1880, Gardener's Monthly, January, and Am. Ent., T. iii., p. 26, describes *Typhlodromus pyri*, believed to be identical with the same species from Europe, in the pear-leaf blister.

There are in all known 24 species from the U. S., and 6 of them are described.

The following list of the species in the collection is arranged alphabetically after the plants, the species from Europe and those from America separately. The scientific description and the naming of the species will be the work of a monographer, and are not given here, because I believe this collection too small for such a purpose, the more as the mites are not represented.

I. From Europe. All except four by Mr. Brischke are from Dr. Fr. Thomas, to whom belong the notes given with each species. The often quoted paper on *Phytoptus* was first published in the "Programm der Realschule," etc., zu Ohrdruf, Gotha, 1869, 4th, pg. 29, pl. 1. Reprint, with additions to the paper, in Zeitschrift, f. d. ges. Naturwiss., by Giebel Halle, 1869, T. 33, p. 313-366. Both are quoted as Progr., and as Add. Pl. means *Pleurocecidia* Thom., Acr. means *Acrocecidia* Thom.

1. *Acer campestre* L. Pl. Ohrdruf, Saxony; fall, 1879. Gall on leaves, *Cephaloneon myriadum* Bremi. Progr. p. 9, No. 9; Add. p. 335.
2. *Acer campestre* L. Pl. Ohrdruf, fall, 1879. *Cephaloneon solitarium* Bremi. Verhandl. d. St. Gallischen natur. Gesell., 1870-1871, p. 3.

* Corrected by Dr. Thomas in *oleivorus*.