

examine them carefully with the microscope while still alive and moving.

The American literature on this subject, besides being quite scanty, is widely scattered, and some of the papers now quite difficult to procure.

Family TROMBIDIDÆ Leach.

I. *Tetranychus* Dufour.

- 1—T. TELARIUS Linn. Packard, Guide to Study of Insects, 660; Murray, Economic Entom., 97*; Saunders, Can. Ent. xii, 237* (1880); Insects Inj. to Fruit, 355* (1883); Ontario Entom. Rep., xi, 70* (1880); Forbes, Ill. Rep., xiii., 106 (1884); Standard Nat. Hist. ii., 103.

II. *Trombidium* Fab.

- 1—T. PARASITICUM Murray. Economic Entom., 129* (1877); Ont. Entom. Rep., xi., 71 (1880).
Atoma parasiticum, Latr. (1806). Riley, Mo. Rep., vii., 176* (1875).
Trombidium muscarum, Riley. First Rep. U. S. Entom. Com. 306-311 (1878).
- 2—T. SERICEUM Say. Jour. Phila. Acad. ii., 70 (1821); Coll. Writings ii., 16; Riley, Mo. Rep. vii., 175* (1875), et. Supp., 63; Murray, Economic Entom. 138* (1877); Ont. Entom. Rep. xi., 72 (1880).
- 3—T. GRYLLARIUM Murray. Economic Entom. 136* (1877).
Atoma gryllaria, LeBaron. Ill. Rep. ii., 61* (1871).
- 4—T. SCABRUM Say. Jour. Phila. Acad. ii., 69 (1821); Coll. Writings ii., 16; Riley, Mo. Rep. vii, 175 (1875).
- 5—T. GIGANTEUM Riley. First Rep. U. S. Entom. Com., 312 (1878).
- 6—T. BULBIPES Packard. Mass. Rep. iii., 26* (1873); Murray, Economic Entom. 136*; Ont. Ent. Rep. xi., 71.

LARVAL FORMS INCERTIS SEDÆ.

- 1—LEPTUS (*Trombidium* ?) AMERICANUS Riley, Mo. Rep. vi, 122 (1874); Murray, Economic Entom., 116*.
- 2—LEPTUS (*Trombidium* ?) ARANÆ Say, Jour. Phila. Acad. ii., 80 (1821); Coll. Writings ii., 23.
- 3—LEPTUS (*Trombidium* ?) HISPUS Say, Jour. Phila. Acad. ii., 81 (1821); Coll. Writings ii., 23.
- 4—LEPTUS (*Trombidium* ?) IRRITANS Riley, Mo. Rep. vi., 122 (1874); Murray, Economic Entom., 116*; Ontario Entom. Rep. xi., 71.

* A star indicates an illustration at the reference marked.