

A PARTIAL LIST OF MIRIDAE FROM TEXAS (ORDER HEMIPTERA).

BY H. G. JOHNSTON, College Station, Texas.

The following is a partial list of Mirids collected principally by the writer, in the vicinity of College Station, Texas, during the spring and summer, 1928. But little is known of the distribution of the family Miridae in the southwestern part of the United States, thus the following notes might prove of interest. Specimens have been determined by the writer and verified by Dr. H. H. Knight.

Adelphocoris rapidus (Say). College Station, June 2 to Oct. 17, 1928.

Ceratocapsus fuscusignatus Knight. College Station, May 12, to Oct. 20, 1928.

C. punctulatus (Reuter). College Station May 12, to Oct. 12, 1928. This species in company with *fuscusignatus* Knight was taken in large numbers at a trap light.

Creontiades debilis Van D. Port Lavaca, July 31, 1926. (K. P. Ewing).

Deraeocoris sayi (Reuter). College Station, April 5, to May 12, 1928. Common on *Quercus minor*.

D. sayi marginatus Knight. College Station, April 5-11, 1928.

D. sayi unicolor Knight. College Station, April 8-11, 1928.

Heterocordylus malinus Reuter. College Station, April 11, 1928. On *Crataegus*.

Horcias dislocatus gradus Knight. College Station, April 24, to May 15, 1928. Apparently not recorded south of New Jersey. Only this variety was taken.

H. sexmaculatus (Barber). College Station, May 28, 1920. (H. J. Reinhard). Simonton, May 20, 1928. Taylor, May 25-30, 1928. (J. C. Gaines & V. O. McCoy). New Braunfels, June 22, 1927. (H. H. Knight).

Lygus apicalis Fieber. College Station, April 12, to Nov. 1, 1928.

L. fasciatus viridiusculus Knight. Brownsville, Jan. 31, 1928. (R. K. Fletcher).

L. pratensis oblineatus (Say). College Station, Jan. 17, to Nov. 25, 1928. Taylor, May 25, 1928. (J. C. Gains & V. O. McCoy). Simonton, May 20, 1928.

L. (Neolygus) caryae Knight. College Station, May 5-15, 1928.

- L. (Neolygus) caryae subfuscus* Knight. College Station, May 1-5, 1928.
- Lepidopsallus rubidus* (Uhler). College Station, April 5-11, 1928.
- Microphylellus maculipennis* Knight. College Station, May 1, 1928.
- M. modestus* Reuter. College Station, May 1, 1928.
- Neocapsus cuneatus* Distant. College Station, April 5-11, 1928.
This species occurred abundantly on *Quercus minor* during early spring in 1928. Adults began to appear about April 5 and had completely disappeared by April 15. This probably accounts for the fact that the species has so rarely been collected.
- Neoborus adelia* Knight. College Station, April 12-17, 1928.
Breeding abundantly on *Adelia parvifolia* in cool shaded situations.
- N. adustus* Knight. College Station, April 12, 1928. Taken in company with *canadensis* Van D. on *Fraxinus americana*.
- N. canadensis* (Van D.). College Station, April 12, 1928. Collected on *Fraxinus* only in humid locations.
- Neurocolpus nubilus* (Say). College Station, May 1, to Nov. 1, 1928. Simonton, July 26, 1928.
- Opistheuria clandestina dorsalis* Knight. College Station, July 15, to Oct. 5, 1928.
- Orthotylus chlorionis* (Say). College Station, April 11-13, 1928.
- O. ornatus* Van D. College Station, April 11, 1928.
- O. ramus* Knight. College Station, May 5, 1928. Breeding abundantly on *Carya*.
- Paracalocoris scrupus scrupus* (Say). College Station, April 11, to May 5, 1928.
- P. scrupus bidens* McAtee, College Station, May 1, 1928.
- P. severini nigriclavus* Knight. College Station, April 17, to May 5, 1928. Breeding on *Smilax*.
- Phytocoris tibialis* Reuter. College Station, October 6, to Nov. 10, 1928.
- Pycnoderes balli* Knight. College Station, Oct. 12, 1928.
- Plagiognathus albatu vittiscutis* Knight. College Station, May 12, 1928. Breeding on *Nyssa sylvatica*. Reported by Blatchley from Dunedin, Fla., the only record of it occurring south of the District of Columbia.

- P. nigrolineatus* Knight. College Station, April 5-11, 1928. Breeds abundantly on *Quercus minor*. The most abundant species ever seen by the writer on any plant.
- Platytylellus intercidendus* (Distant). College Station, April 24 to Oct. 6, 1928. Simonton, July 26, 1928. Taylor, June 20, 1928. (J. C. Gaines and V. O. McCoy.)
- P. rubrovittatus* (Stål). College Station, May 1 to June 2, 1928. Simonton, July 26, 1928.
- Polymerus basalis* (Reuter). College Station, April 12 to Nov. 10, 1928. Castolon, May 25, 1928. (F. F. Bibby.)
- P. basalis fuscatus* Knight. College Station, Oct. 6 to Nov. 1, 1928.
- Psallus seriatus* (Reuter). College Station, April 24 to Oct. 12, 1928. Taylor, May 30, 1928. (J. C. Gaines & V. O. McCoy.) Castolon, May 28, 1928. (F. F. Bibby.)
- Reuteroscopus ornatus* (Reuter). College Station, May 5, 1928. Simonton, July 1, 1928.
- R. sulphureus* (Reuter). College Station, Sept. 30 to Nov. 1, 1928.
- Rhinacloa forticornis* Reuter. College Station, Oct. 12, 1928.
- Sericophanes ocellatus* Reuter. College Station, June 2 to Oct. 6, 1928. Simonton, July 1, 1928.
- Trigonotylus brevipes* Jak. College Station, Sept. 30 to Oct. 6, 1928.
- T. pulcher* Reuter. College Station, Oct. 17-21, 1928.
- Tropidosteptes cardinalis* Uhler. College Station, May 12, 1928. Breeding on *Fraxinus americana* but only in a cool shaded place. Collecting on the same host in other situations did not produce additional specimens.

***Cicindela Tranquebarica Horiconensis* Leng.**—A nice series of this variety was taken on the north shore of Minas Basin in the Town of Portauquique, N. S., on August 25 and 31, 1929. They were found in a recently mown clover field just above tide water, on small bare spots where soil had been removed to build a tide dyke, and on the muddy shore of a small creek in which no fresh water was flowing. The series taken (about 30) include nearly black specimens and grade to decidedly coppery individuals. With them were taken two *repanda* and two *sexguttata*.—C. A. Frost, Framingham, Mass.



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