

Additions to the Thrips (Thysanoptera: Thripidae: Phlaeothripidae) Fauna of Georgia¹

S. Kristine Braman, Ramona J. Beshear and
Robert M. McPherson²

Department of Entomology, University of Georgia
College of Agriculture and Environmental Sciences
Experiment Stations, Georgia Station
Griffin, GA 30223 USA

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ABSTRACT Twenty-five species of thrips (Thysanoptera) are listed as new Georgia State records collected from ornamentals, tobacco, blueberry, and other hosts. The number of known species of thrips in Georgia is increased to 178.

KEY WORDS Thysanoptera, Thripidae, Phlaeothripidae, thrips, Georgia, New State Records.

Beshear (1973, 1979, 1980, 1982, 1983) reported a total of 153 species of thrips occurring in Georgia. Additional collections during 1982-1992 from ornamentals, tobacco, blueberry, and other hosts have revealed 25 new state records which are reported in this paper. Four of these species have been recently described by Nakahara (1991, 1992, 1993). Thrips population densities were recently monitored in tobacco (McPherson et al. 1992), revealing six previously unreported state records. The total number of species known in Georgia is increased to 178. Collection methods are the same as those described by Beshear (1973).

The following list includes 25 identified species. Voucher specimens are on deposit in the U. S. National Museum of Natural History, Washington, D. C. and the University of Georgia Collection at Griffin. All collections were made by the authors unless otherwise stated.

Thripidae Stephens (1829)

Caliothrips multistriatus Nakahara

HOST: *Cassia* sp., IX-30-87, southern peas,
IX-30-87, *Lespedeza* sp. IX-30-87

DISTRIBUTION: Henry Co., GA

Caliothrips striatus (Hood)

HOST: *Magnolia grandiflora* L., VI-25-92, VIII-5-92
M. virginiana L., IX-2-92

DISTRIBUTION: Spalding and Harris counties, GA

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² University of Georgia, Department of Entomology, Coastal Plain Experiment Station, Tifton, GA 31793.

Catinathrips beshearae Nakahara

HOST: *Calycanthus fertilis* Walt., V-29-82, V-6-92,
VII-20-92
C. floridanus L., IV-25-84

DISTRIBUTION: Rabun, Henry, and Union counties, GA

Catinathrips similis Nakahara

HOST: *Vaccinium tenellum* Aiton, IV-14-89
Vaccinium myrsinites (Lam.), VIII-18-88

DISTRIBUTION: Houston and Echols counties, GA

Catinathrips vaccinicola Nakahara

HOST: *Vaccinium arboreum* Marshall, IV-3-89,
IV-16-89, IV-28-89, V-5-89, VII-7-89,
IX-4-89, X-3-89, VII-92, V-12-92, VI-2-92

DISTRIBUTION: Peach, Harris, and Henry counties, GA

Chirothrips spiniceps (Hood)

HOST: *Nicotiana tabacum* L., VI-19-90

DISTRIBUTION: Tift Co., GA

Frankliniella caudiseta Sakimura and O'Neill

HOST: *Vaccinium myrsinites* (Lam.), VII-6-88

DISTRIBUTION: Echols Co., GA

Frankliniella vaccini Morgan

HOST: *Vaccinium arboreum* Marshall, V-26-88,
VII-9-88, IV-3-89, V-5-89, VI-15-89,
VII-7-89, X-3-89, V-5-92, V-11-92, V-12-92,
V-15-92, VII-1-92

DISTRIBUTION: Peach, Crawford, Harris, Henry, and Telfair counties, GA
Peach County specimens collected by J. A. Payne

Frankliniella welaka Hood

HOST: *Typha* sp., VIII-14-87

DISTRIBUTION: Clinch Co., GA

Neohydatothrips sambuci (Hood)

HOST: *Sambucus canadensis* L., IV-19-85

DISTRIBUTION: White Co., GA

Plesiothrips typhae Hood

HOST: *Typha* sp., VIII-14-87

DISTRIBUTION: Clinch Co., GA

Salpingothrips aimotofus Kudo

HOST: *Pueraria lobata* (Willd.) Ohwi., VIII-15-84,
VIII-21-84, VIII-27-84, IX-8-84, IX-26-84

DISTRIBUTION: Henry, Lamar, Peach, Spalding, and Union counties, GA
Peach County specimens collected by E. Heavner

Thrips prob winnemanæ Hood

HOST: *Amianthium muscaetoxicum* (Walt.) Gray,
IV-5-89

DISTRIBUTION: Clinch Co., GA

Phlaeothripidae Uzel (1895)

Eurythrips prob. modestus (Bagnall)

HOST: *Nicotiana tabacum* L. leaves, VI-1-90,
VI-12-90, VI-21-90, VII-5-90

DISTRIBUTION: Tift Co., GA

Gastrothrips ruficauda Hood

HOST: dead apple tree, VI-9-83

DISTRIBUTION: Henry Co., GA

Haplothrips gowdeyi (Franklin)

HOST: *Nicotiana tabacum* L. leaves, VI-21-90,
VII-5-90

DISTRIBUTION: Tift Co., GA

Haplothrips rectipennis Hood

HOST: *Vaccinium arboreum* Marshall leaf galls,
VII-9-88, IV-3-89, VI-28-98, VII-16-89,
X-3-89, V-12-92, VII-17-92, VIII-6-92
Calycanthus fertilis Walt. leaf galls,
V-6-92

DISTRIBUTION: Peach, Henry, and Union counties, GA
Peach County specimens collected by J. A. Payne

Haplothrips verbasci (Osborn)

HOST: mullein, VIII-7-84

DISTRIBUTION: Rabun Co., GA

Hindsiothrips robustisetus (Watson and Peer)

HOST: *Nicotiana tabacum* L. leaves, VI-1-90

DISTRIBUTION: Tift Co., GA

Hoplandrothrips scutellaris Hood**HOST:** dead *Pinus strobus* L., VII-14-84**DISTRIBUTION:** White Co., GA*Hoplothrips americanus* (Hood)**HOST:** *Nicotiana tabacum* L. leaves, VI-19-90**DISTRIBUTION:** Tift Co., GA*Hoplothrips fieldsi* (Crawford, J. C.)**HOST:** peach tree, V-9-84, collected by E. Heavner**DISTRIBUTION:** Peach Co., GA*Hoplothrips marginalis* (Hood and Williams)**HOST:** dead *Quercus* sp. under bark, V-7-83,
collected by R. Morris II**DISTRIBUTION:** Glynn Co. (Jekyll Island), GA*Leptothrips macrocellatus* Watson**HOST:** *Nicotiana tabacum* L. leaves, VI-21-90,
VII-5-90**DISTRIBUTION:** Tift Co., GA*Zaxenothrips peculiaris* Crawford, J. C.**HOST:** dead apple tree, VII-23-85, VIII-2-85**DISTRIBUTION:** Henry Co., GA

Keys to the economically important species listed here and elsewhere appear in Childers and Beshear (1992) and Oetting et al. (in press).

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