

Membracidae of Southeastern Oklahoma¹

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The treehopper locality and host records presented here are the results of collecting in Pontotoc County over the past ten years and of extensive collecting in the approximate southeastern quarter of Oklahoma in 1963. The following counties are included: Atoka, Bryan, Carter, Choctaw, Cleveland, Coal, Garvin, Hughes, Johnston, Latimer, LeFlore, Love, McClain, McCurtain, Marshall, Murray, Pittsburg, Pontotoc, Pottawatomie, Pushmataha and Seminole.

Listed below are the 62 determined species, county records and host plants when known.

SUBFAMILY MEMBRACINAE (STAL)

Campylenchia latipes (Say)

County records: Atoka, Bryan, Carter, Choctaw, Cleveland, Garvin, Hughes, Johnston, Latimer, LeFlore, Love, McClain, McCurtain, Marshall, Pittsburg, Pontotoc, Pottawatomie, Seminole.

Hosts: Alfalfa, black locust, "grass", little ragweed, *Psoralea tenuiflora* Pursh, "weeds", white sweet clover.

Enchenopa binotata (Say)

County records: McCurtain, Pontotoc, Seminole.

Hosts: Black locust, white sweet clover.

SUBFAMILY HOPLOPHORINAE (STAL)

Platycotis vittata (Fabricius)

County records: Choctaw, Latimer, McCurtain.

Host: Post oak.

SUBFAMILY SMILINAE (STAL)

Tribe Ceresini (Goding)

Acutalis tartarea (Say)

County records: Johnston, Pontotoc.

Hosts: "Weeds".

Micrutalis calva (Say)

County records: Bryan, Choctaw, Hughes, LeFlore, McCurtain, Marshall, Murray.

Hosts: Alfalfa, giant ragweed, honey locust, post oak, "weeds", yellow sweet clover.

Spissistilus borealis (Fairmaire)

County records: Bryan, Carter, Choctaw, Garvin, Johnston, McCurtain.

Hosts: Alfalfa, "weeds".

S. festina Say

County records: Atoka, Choctaw, Garvin, McCurtain, Pushmataha.

Host: Unknown.

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Stictocephala albescens (Van Duzee)

County record: Pontotoc.
Host: White sweet clover.

S. bulbatus (Fabricius)

County records: Garvin, McCurtain, Pontotoc, Seminole.
Hosts: Black locust, white sweet clover.

S. constans (Walker)

County records: LeFlore, McCurtain, Pontotoc.
Hosts: Haw, southern red oak.

S. dicerus (Say)

County record: Pushmataha.
Host: Unknown.

S. lutea (Walker)

County records: Atoka, Cleveland, Garvin, Hughes, Johnston, LeFlore, Love, McClain, McCurtain, Marshall, Murray, Pontotoc, Pottawatomie, Seminole.

Hosts: Alfalfa, post oak, *Psoralea tenuiflora* Pursh, "weeds", white sweet clover, yellow sweet clover.

S. palmeri (Van Duzee)

County records: Latimer, McCurtain, Pontotoc.
Hosts: Chinquapin oak, "weeds".

S. taurina (Fitch)

County records: Cleveland, Latimer, McCurtain, Pontotoc.
Host: Unknown.

Tortistilus curvata (Caldwell)

County record: Latimer.
Host: Unknown.

T. inermis (Fabricius)

County records: Atoka, Bryan, Carter, Choctaw, Cleveland, Garvin, Johnston, Latimer, LeFlore, Love, Murray, Pittsburg, Pontotoc, Pottawatomie.

Hosts: *Psoralea tenuiflora* Pursh, smooth sumac, Virginia creeper, "weeds", white sweet clover.

Tribe Telamonini Goding

Archasta galeata (Fabricius)

County records: Atoka, Choctaw, Pittsburg, Pontotoc.
Hosts: Blackjack oak, chinquapin oak, post oak.

A. pallida (Fairmaire)

County record: McCurtain.
Host: Unknown.

Carynota mera (Say)

County records: Choctaw, Pontotoc.
Host: Bitternut hickory.

Glossonotus acuminatus (Fabricius)

County records: Carter, Pontotoc.
Host: Unknown.

G. turriculatus (Emmons)

County record: LeFlore.
Host: Unknown.

Heliria cristata (Fairmaire)

County record: Pontotoc.

Host: Unknown.

Palonica pyramidata (Uhler)

County record: Latimer.

Host: Blackjack oak.

Telamona ampelopsidis (Harris)

County record: Pottawatomie.

Host: Unknown.

T. decorata Ball

County record: Pottawatomie.

Host: Post oak.

T. extrema Ball

County record: Latimer.

Host: Blackjack oak.

T. monticola (Fabricius)

County records: Carter, Hughes, Murray, Pontotoc.

Hosts: Bitternut hickory, chinquapin oak, post oak.

T. reclinata Fitch

County record: McCurtain.

Host: Sweet gum.

T. tiliæ Ball

County record: Pontotoc.

Host: Chinquapin oak.

T. unicolor Fitch

County record: Pontotoc.

Host: Bitternut hickory.

T. westcotti Goding

County records: McCurtain, Pontotoc.

Host: Unknown.

Tribe Smillini Goding

Cyrtolobus arcuatus (Emmons)County records: Cleveland, Coal, Latimer, Marshall, Pontotoc,
Pottawatomie.

Hosts: Blackjack oak, post oak.

C. clarus Woodruff

County record: Latimer.

Host: Unknown.

C. discoidalis (Emmons)

County record: Latimer.

Host: Unknown.

C. dixianus WoodruffCounty records: Atoka, Carter, Coal, Johnston, Love, McClain, Marshall,
Pontotoc, Pottawatomie, Pushmataha.

Hosts: Blackjack oak, post oak.

C. fenestratus (Fitch)County records: Carter, Choctaw, Love, McCurtain, Murray, Pontotoc,
Pushmataha.

Hosts: Blackjack oak, post oak, Shumard's oak, southern red oak, "weeds", white oak.

C. flavolatus Woodruff
County record: LeFlore.
Host: Unknown.

C. fuliginosus (Emmons)
County records: Atoka, Coal, LeFlore, McCurtain, Pontotoc, Pushmataha.
Hosts: Black oak, blackjack oak, post oak, Shumard's oak.

C. finkhousei Woodruff
County record: McCurtain.
Host: Unknown.

C. griseus Van Duzee
County records: Johnston, Pontotoc.
Host: Blackjack oak.

C. helena Woodruff
County record: Pontotoc.
Host: Post oak.

C. inermis (Emmons)
County records: Atoka, Latimer, LeFlore, Love, Pontotoc, Seminole.
Hosts: Bitternut hickory, blackjack oak, post oak, Shumard's oak.

C. maculifrontis (Emmons)
County records: Atoka, Carter, Choctaw, Cleveland, Coal, Johnston, McCurtain, Marshall, Pittsburg, Pontotoc, Seminole.
Hosts: Bitternut hickory, black oak, blackjack oak, post oak, Shumard's oak, "weeds", white oak.

C. pallidifrontis (Emmons)
County records: Atoka, Carter, Choctaw, Cleveland, Coal, Hughes, Johnston, McClain, Pittsburg, Pontotoc, Seminole.
Hosts: Blackjack oak, chinquapin oak, post oak, "weeds".

C. tuberosus (Fairmaire)
County records: Atoka, Carter, Choctaw, Coal, Hughes, Johnston, Latimer, Love, McClain, Marshall, Murray, Pittsburg, Pontotoc, Pottawatomie.
Hosts: Bitternut hickory, black oak, blackjack oak, chinquapin oak, post oak, Shumard's oak.

C. vau (Say)
County records: Carter, Choctaw, Cleveland, Hughes, Johnston, Latimer, LeFlore, McClain, McCurtain, Marshall, Pushmataha, Pittsburg, Pontotoc, Seminole.

Hosts: Blackjack oak, chinquapin oak, post oak, sweet gum, Shumard's oak.

Ophiderma evelyna Woodruff
County records: Cleveland, Johnston, Love, McClain, Pontotoc, Pottawatomie, Seminole.
Hosts: Blackjack oak, post oak, Shumard's oak.

O. flava Goding
County record: Pontotoc.
Hosts: Black oak, blackjack oak, post oak.

O. grisea Woodruff

County records: Garvin, Pontotoc.

Hosts: Black locust, black oak.

O. pubescens (Emmons)

County records: Atoka, Carter, Choctaw, Cleveland, Coal, Johnston, Latimer, McClain, McCurtain, Pontotoc, Pottawatomie, Pushmataha, Seminole.

Hosts: Blackjack oak, post oak, Shumard's oak.

O. salamandra Fairmaire

County record: Pontotoc.

Host: Unknown.

Smilia camelus (Fabricius)

County records: Carter, Cleveland, Garvin, Johnston, Love, McClain, McCurtain, Marshall, Pontotoc, Pottawatomie, Seminole.

Hosts: Blackjack oak, chinquapin oak, post oak, Shumard's oak, southern red oak.

Xantholobus intermedius (Emmons)

County record: McClain.

Host: Blackjack oak.

X. lateralis Van Duzee

County record: Pontotoc.

Host: Bitternut hickory.

X. muticus (Fabricius)

County record: Pontotoc.

Host: Blackjack oak.

X. nitidus Van Duzee

County record: Pushmataha.

Host: "Brush".

Tribe Polyglyptini Goding

Entylia bactriana Germar

County records: Atoka, Bryan, Johnston, McCurtain, Marshall, Pontotoc.

Hosts: Cotton, giant ragweed, sweet gum, "weeds".

Pubilia concava (Say)

County record: Pontotoc.

Host: "Weeds".

P. reticulata Van Duzee

County records: Garvin, Pontotoc.

Hosts: Alfalfa, black locust, "weeds".

Vanduzeea arquata (Say)

County records: Pontotoc, Seminole.

Hosts: Black locust, "weeds".

V. triguttata (Burmeister)

County records: Johnston, Love, McCurtain, Seminole.

Hosts: *Psoralea tenuiflora* Pursh, "weeds", white sweet clover.

SUBFAMILY CENTROTINAE SPINOIA

Microcentrus caryae (Fitch)

County record: Pontotoc.

Host: Unknown.