

This is a PDF version of PECKHAMIA 1(2): 27-31, December 1981. Pagination of the original document has been retained. Editor's note (49.1): *Thiodina peurpera* should be spelled *T. puerpera*.

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### A PRELIMINARY CHECKLIST OF GEORGIA SALTICIDAE. G. B. Edwards and Douglas A. Rossman

The purpose of this paper is primarily to bring together earlier records of Georgia salticids, and to update this list with the additions of new localities (for species known to occur within the state) and species reported from the state for the first time. Due to the preliminary nature of this report and the unequal availability of collection data from all sources, localities are given only as counties, and dates of collection and data on specimens are omitted. Literature citations of specific localities are converted to their respective counties.

According to Chamberlin and Ivie (1944), John Abbot lived in that part of Burke County which is now part of Screven County. Many of the illustrations done by Abbot (1792) of spiders from Burke County were likely from Screven County. This should be kept in mind when consulting the list; Abbot's original records are

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listed in quotes, e.g., "Burke." Also, species are listed by their most recent nomenclatorial placement; synonyms under which they have been listed can be found in the checklist of Salticidae in Volume 1 Number 5 of Peckhamia or supplements in subsequent issues.

Besides the literature sources cited at the end of this report, the following collections (identified by the senior author) have been included: 1) Sumter County, vicinity of Americus (collectors T. D. Gowan and W. Tietjen); 2) Rabun, Habersham, and White Counties (northeast corner of state) and Towns County (collector D. A. Rossman); 3) Thomas County, Thomasville and near Boston (collectors W. Sedgwick and G. B. Edwards). Previously unreported records of the genus *Phidippus* from the American Museum of Natural History (AMNH), the Museum of Comparative Zoology (MCZ), and the Florida State Collection of Arthropods (FSCA) are acknowledged. New county records are indicated by a single asterisk (\*), while new state records are indicated by a double asterisk (\*\*). References to "Georgia" without specific locality are omitted unless this is the only previous record for a species.

The problems presented by the species of *Attus* described by Walckenaer (1837) which could not be identified by Chamberlin and Ivie (1944) will be dealt with in a separate paper. Also to be considered later are some of Walckenaer's species which Chamberlin and Ivie assigned to various genera, but which have not been subsequently identified with any known species. This list therefore mostly includes only those identifiable species known with reasonable certainty to occur in Georgia.

Species	Counties and Sources
<i>Admestina tibialis</i> (C. L. Koch)**	Habersham*
<i>Agassa cyanea</i> (Hentz)	"Burke and Effington"; Toombs (Chamberlin & Ivie 1944)
<i>Corythalia canosa</i> (Walckenaer)	Sumter*, Thomas*; "Burke", Charlton, Chatham, Elbert (Ch. & Ivie 1944)
<i>Eris aurantia</i> (Lucas)	Sumter*; "Burke" (Ch. & Ivie 1944)
<i>E. flava</i> (Peckhams)**	Thomas*
<i>E. marginata</i> (Walckenaer)	Thomas*; "Burke" (Ch. & Ivie 1944)
<i>Euophrys diminuta</i> (Banks)	Habersham, Screven (Ch. & Ivie 1944)
<i>Habrocestum bufoides</i> Ch. & Ivie	Chatham, Crisp, Screven (Ch. & Ivie 1944, Richman 1981)
<i>H. parvulum</i> (Banks)	White*; Union (Richman 1981)
<i>H. pulex</i> (Hentz)	Charlton, Clark, Dekalb, Fulton, Hall, Rabun, Screven, Union (Ch. & Ivie 1944, Richman 1981)
<i>Hentzia mitrata</i> (Hentz)	Habersham*, Sumter*, Thomas*; "Burke" (Ch. & Ivie 1944)
<i>H. palmarum</i> (Hentz)	Sumter*, Thomas*, "Burke", Charlton, Chatham, Hall, Lowndes, Screven (Ch. & Ivie 1944)
<i>Lyssomanes viridis</i> (Walckenaer)	Thomas*; "Burke", Oglethorpe, Rabun, Screven (Ch. & Ivie 1944)
<i>Maevia expansa</i> Barnes	Dekalb (Barnes 1955)
<i>M. inclemens</i> (Walckenaer)	Sumter*, Thomas*; "Burke", Habersham, Rabun, Screven, Toombs (Ch. & Ivie 1944)
<i>M. intermedia</i> Barnes	Screven (Barnes 1955)

<b><i>Marpissa bina</i></b> (Hentz)	Thomas*; "Burke", Charlton, Screven (Ch. & Ivie 1944)
<i>M. dentoides</i> Barnes	Sumter*; "Georgia" (Edwards 1980)
<i>M. lineata</i> (C. L. Koch)	Thomas*; Chatham, Habersham, Screven (Ch. & Ivie 1944); Charlton (Barnes 1958)
<i>M. pikei</i> (Peckhams)	Thomas*; Charlton (Ch. & Ivie 1944); Ware (Barnes 1958)
<b><i>Metacyrba floridana</i></b> Gertsch**	Thomas*
<i>M. taeniola</i> (Hentz)	Rabun*, Sumter*, Thomas*, Hall, Screven (Ch. & Ivie 1944)
<i>M. undata</i> (DeGeer)	Rabun*, Sumter*; Habersham, Jenkins, Screven, Thomas (Ch. & Ivie 1944); Baker, Worth (Barnes 1958)
<b><i>Metaphidippus barrowsi</i></b> Kaston	Floyd (Kaston 1973)
<i>M. exiguus</i> (Banks)**	Sumter*, Thomas*
<i>M. galathea</i> (Walckenaer)	Sumter*, Thomas*; "Burke", Burke, Elbert, Habersham, Jefferson, Oglethorpe, Screven (Ch. & Ivie 1944)
<i>M. protervus</i> (Walckenaer)	"Burke", Burke, Hall (Ch. & Ivie 1944)
<i>M. sexmaculatus</i> (Banks) (reported as <i>M. canadensis</i> (Banks))	Rabun*; Habersham, Jefferson, Screven (Ch. & Ivie 1944)
<i>M. tillandsiae</i> Kaston**	Sumter*
<b><i>Neon nellii</i></b> Peckhams	Charlton, Hall (Gertsch & Ivie 1955)
<i>N. plutonus</i> Gertsch & Ivie	Chatham (Gertsch & Ivie 1955)
<b><i>Neonella vinnula</i></b> Gertsch	Sumter*; Habersham, Screven (Ch. & Ivie 1944)
<b><i>Peckhamia americana</i></b> (Peckhams)	"Burke", Rabun, Screven (Ch. & Ivie 1944)
<b><i>Pellenes agilis</i></b> Banks	"Georgia" (Peckhams 1909)
<i>P. calcaratus</i> Banks	Ware (Peckhams 1909); Thomas (Ch. & Ivie 1944)
<i>P. carolinensis</i> (Peckhams)	Ware (Peckhams 1909)
<i>P. coecatus</i> (Hentz)	Sumter*; Ware (Peckhams 1909); Chatham, Effingham, Screven (Ch. & Ivie 1944)
<i>P. decorus</i> (Blackwall)	Screven (Ch. & Ivie 1944)
<i>P. longimanus</i> Emerton**	Thomas*
<i>P. sabulosus</i> Peckhams	Ware (Peckhams 1909)
<i>P. tachypodus</i> Ch. & Ivie	Screven (Ch. & Ivie 1944)
<i>P. viridipes</i> (Hentz)**	Rabun*, Thomas*
<b><i>Phidippus apacheanus</i></b> Chamberlin & Gertsch**	Sumter*; Dekalb*, Houston*, Screven* (AMNH); Baker*, Dekalb*, Dooly*, Macon*, Mitchell* (FSCA)
<i>P. audax</i> (Hentz)	Sumter*, Thomas*, Clarke* (AMNH); Jenkins (Ch. & Ivie 1944)
<i>P. cardinalis</i> (Hentz)	Clarke* (AMNH); "Georgia" (Petrunkevitch 1911)
<i>P. clarus</i> Keyserling	Sumter*, Thomas*, Towns*; Cobb*, Glynn*, Thomas* (MCZ); Clarke*, Crawford*, Hall* (AMNH); Ware* (FSCA); "Burke", Charlton (Ch. & Ivie 1944)
<i>P. mystaceus</i> (Hentz)	Habersham*; Paulding* (AMNH); "Georgia" (Bryant 1942)
<i>P. otiosus</i> (Hentz)	Sumter*; "Burke", Thomas (Ch. & Ivie 1944)
<i>P. pius</i> Scheffer	Toombs (Ch. & Ivie 1944)
<i>P. princeps</i> (Peckhams)**	Habersham*, Rabun*, White*, Clarke* (AMNH)
<i>P. pulcherrimus</i> Keyserling**	Sumter*; Grady* (FSCA)

<b><i>Phidippus putnami</i></b> (Peckhams) **	Chatham* (MGZ); Clarke* (AMNH)
<i>P. regius</i> C. L. Koch (reported as <i>P. variegatus</i> (Lucas))	Thomas*; Chatham*, Glynn* (MCZ); Bibb* (FSCA); "Burke" (Ch. & Ivie 1944)
<i>P. whitmani</i> Peckhams**	Rabun*, Sumter*, Thomas*, White*
<b><i>Phlegra fasciata</i></b> (Hahn)	"Burke", Rabun (Ch. & Ivie 1944)
<b><i>Plexippus paykulli</i></b> (Audouin)	Sumter*, Thomas*; Chatham, Chattahoochee, Crisp (Ch. & Ivie 1944)
<b><i>Sarinda hentzi</i></b> (Banks)	Chatham (Ch. & Ivie 1944)
<b><i>Sitticus cursor</i></b> Barrows	Chatham (Ch. & Ivie 1944)
<i>S. magnus</i> Chamberlin & Ivie	Hall (Ch. & Ivie 1944)
<b><i>Synemosyna formica</i></b> Hentz	"Burke", Habersham, Rabun, Screven (Ch. & Ivie 1944)
<b><i>Thiodina peurpera</i></b> (Hentz)	Thomas*; Bibb, "Burke", Charlton, Hall, Screven (Ch. & Ivie 1944)
<i>T. sylvana</i> (Hentz)	Rabun*, Sumter*, Thomas*; "Burke" (Ch. & Ivie 1944)
<b><i>Zygoballus nervosus</i></b> (Peckhams)	Thomas*, Screven (Ch. & Ivie 1944)
<i>Z. rufipes</i> Peckhams	Sumter*, Thomas*; Charlton, Chatham (Ch. & Ivie 1944)
<i>Z. sexpunctatus</i> (Hentz)	Sumter*, Thomas*; Bibb, Chatham, Clarke, Habersham, Jefferson, Lowndes, Screven, Toombs, Wilkes or Duffie (between the towns of Washington-and Thomson) (Ch. & Ivie 1944)

## DUBIOUS RECORDS AND MISCELLANEOUS NOTES

Specimens of *Phidippus princeps* from Habersham, Rabun, and White Counties and of *P. pulcherrimus* from Sumter County were juveniles; therefore, a slight amount of doubt remains as to their correct identities, even though they appear to be properly identified.

*Habrocestum acerbum* Peckhams: Although reported from Georgia by the Peckhams (1909), the determination appears to have been an error, since *H. acerbum* does not occur east of Texas. The record may be spurious or possibly of a close relative, *H. xerophilum* Richman, which is known from nearby Leon County, Florida.

*Phidippus obscurus* Peckhams: This is another spurious record or misidentification reported by the Peckhams (1909) of a species that occurs no farther east than Texas.

*Habronattus elegans georgiensis* Chamberlin & Ivie: Although the type has not yet been examined, the description and especially the habitat of this species indicate that it is a synonym of *Pellenes agilis* Banks. If this is true, then the species from peninsular Florida that has been known under the name *Pellenes georgiensis* (Ch. & Ivie) is likely undescribed.

*Habronattus tachypodus* Chamberlin & Ivie: The holotype of this species is a male. The female allotype is probably *Pellenes coecatus* (Hentz). The real female of *H. tachypodus* appears to be the same as *P. carolinensis* Peckhams, a senior synonym, but the type of the latter has not yet been examined.

The species *Pellenes sabulosus* Peckhams and *Sitticus magnus* Chamberlin & Ivie are not known to recent workers, and may prove to be synonyms of other species in the list.

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Any dispute involving specific epithets of species in the genus *Thiodina* should not include *T. peurpera*, which was first described (Hentz 1832) prior to the descriptions of Walckenaer (1837), not first in Hentz, 1846, as stated by Richman & Cutler (1978).

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