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Spiders of the Georgia Region of North America

BY

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Fig. 1

SPIDERS OF THE GEORGIA REGION OF NORTH AMERICA

BY RALPH V. CHAMBERLIN AND WILTON IVIE

INTRODUCTION

This paper has developed from a study undertaken initially to determine, as far as possible from available evidence, the proper application of the names based by Walckenaer upon Abbot's drawings of the spiders of Georgia. The validity of these names has not been seriously questioned since the re-discovery of the Abbot drawings in the Kensington Museum of Natural History at London in 1887 and the discussion among zoologists that ensued immediately thereafter. Most arachnologists have continued in agreement with Prof. T. Thorell who said in a letter to Dr. McCook published in 1888 in the Proceedings of the Acad. of Nat. Sci. of Philadelphia: "As to me, I do not entertain the least doubt that you and Professor Leidy, Lewis and Dall are right, and that the earlier names should in all cases be adopted. The law of priority must be respected, and is the only one that prevents arbitrariness and that gives stability to nomenclature. I think then, that in all such cases, in which Walckenaer's species can, with tolerable certainty, be recognized, his names should be preferred to those more lately published, even if such names are more commonly used, or the species better described or figured under the newer names."

While, unfortunately, this means that many names of long standing must be abandoned, the sooner the rectifications inevitable under the code of nomenclature are made and accepted, the better the interests of clarity and ultimate stability will be served.

We have had available for the purpose of this study a set of photographs in black and white as well as kodachrome color slides made by the senior author on the occasion of a visit to the South Kensington Museum, London, where the originals have long been preserved. For the privilege of studying those and making the photographs we are much indebted to the authorities of that museum, and, in particular to Mr. R. J. Whittick, curator of Arachnida, who provided every possible convenience for the work.

The material from the Georgia region studied in this investigation is exclusively that of the University of Utah collection, but published records are included in the list herein given. Some of our specimens were collected by the junior author on brief stops through the region in August of 1933 and June 1935, and on a more extensive trip in April, 1943, under a grant from the University of Utah Research Committee*. At this last time thirty days were spent in the vicinity of Sylvania and Savannah, Georgia, with a brief excursion into the more mountainous territory between Gainesville and Clayton. Sylvania, in Screven Co., is near the place where Abbot lived and did most of his collecting, and for that reason was chosen as the principal

*The Committee also financed publication of this bulletin.

base. On this last expedition 350 recognizable species were taken. The absence of autumn collecting is undoubtedly responsible for some limitation in the list, although recently some specimens taken in the autumn of 1943 have been received from Dr. D. Elden Beck who collected at Fort Benning, near Columbus.

The initial objective of clarifying the matter of Walckenaer's species quite naturally led to a study of the spiders of the Georgia region in general. Accordingly this present paper aims to list all the species from that region known to us directly and those indicated in records published by others. The geographical area considered includes Georgia, most of South Carolina, a section of Florida, and a small part of North Carolina. The area is essentially covered by the quadrangle limited by 80° and 85° W. longitude and 30° and 35° N. latitude. For more ready and accurate locating of places within this area small quadrangles 1° square are indicated, each being designated by the coordinates of the southeast corner, longitude first and latitude second. In compiling the list, records based upon specimens examined or known to exist are given in roman type, but where the specimens are no longer available the record is given in italics. Sweeping references to distribution, such as "all states," "southern states" or "Atlantic states as far south as Florida" are usually ignored unless supported by more definite information. Records given as "South Carolina" and "Georgia" are included; but records given merely as "Florida" are omitted.

For listing the species, the name in each case is followed by references to literature, first to the original description, next to a more recent revision if existent, and then to those giving locality records for the region. Wherever one or more of Abbot's figures are referred to the species this is also noted among the references, with the figure used as typical by Walckenaer indicated wherever he gave a name to the form. In general the distribution records are listed from north to south and from east to west.

Although Georgia was the first section of the present United States to have its spiders investigated, the published records heretofore have been surprisingly few, with those of South Carolina even sparser. This has been due to lack of collecting there and not to scarcity of spiders, for undoubtedly it can hold its own in number of species with any region of North America north of 30° latitude. The present list contains the very considerable number of 552 species, of which number, however, 55 are at present of uncertain status, being, for the most part, species described by Walckenaer, which we have not as yet placed with certainty and part of which will probably fall into synonymy with others. Sixty-nine forms are described as new. We feel certain that more intensive collecting at all seasons of the year will add many additional species.

JOHN ABBOT AND THE "SPIDERS OF GEORGIA"

While John Abbot was "a unique figure, perhaps the most striking in the early development of natural history in America," he has long been known almost alone by his name and what he accomplished. In recent years, however, some definite information has been brought to light bearing on his life and personality, although we still do not know the date and place of his birth or the exact time of his death.

According to Sir J. E. Smith, Abbot began his career in natural history work by studying the transformations of British insects. As a young man, he is said by Smith to have been employed by several English entomologists to go to North America for the purpose of collecting insects for them. Under any conditions, he did come to America where, after visiting several other places, he established residence in Georgia beginning in 1776 when he was apparently about 20 years of age and thereafter for something like 65 years lived in the state or "province" as schoolmaster, soldier in the Revolutionary war under Benjamin Faw and Elijah Clarke, for long as a prosperous planter and throughout as a keen observer, naturalist and gifted artist.

He settled and for twenty years or more lived in that part of the original Burke County which later on (1793) was joined to part of old Effingham County to form the new county of Screven. At that time the total white population of Georgia was approximately 17,000 distributed in small villages and forts on the Atlantic seaboard and along the Savannah River, the remaining part of the region being wild, Indian country. Abbot lived in Jacksonborough on Beaver Dam Creek, a branch of Briar Creek, a town of which no trace now remains.

By 1806, probably after and possibly due to the death of his wife, Abbot and his son, John Abbot, Jr. had become residents of Savannah, and here he had his headquarters for some years thereafter. After 1820 legal papers refer to him as of Bullock County, where the last years of his life were spent. There he lived the life of a hermit and carried on his work as naturalist in a small cottage on the large estate of his friend Wm. E. McElveen, an estate located on Black Creek which flows into the Great Ogeechee River on the west side near Meldrim. His cabin, Abbot says, in a letter written by him when he was 85 years old to a correspondent in London, was "about a day's ride from Savannah." (See further Bassett, 1938.)

Throughout his life Abbot maintained his connection with naturalists in Europe where he became widely known through the collection of insects, birds and plants. His paintings of birds and Lepidoptera were particularly famous. However, he worked not alone on these groups but on all other orders of insects, on spiders and on plants. These he collected, carefully prepared, and sold to specialists in Europe, chiefly through the agency of John Francillon, a silversmith who had his shop on the Strand in London and had a famous collection of insects and an extensive entomological correspondence. Francillon was also agent for the specimens and likewise for his famous drawings, all of which were accompanied by careful notes made in his own round handwriting.

Concerning these insect specimens and drawings Swainson (1789-1855) says: the specimens "were certainly the finest that have ever been transmitted



John Abbots

Fig. 2

as articles of commerce to this country; they were always sent home expanded, even the most minute; and he was so watchful and indefatigable in his researches, that he contrived to breed nearly the whole of the Lepidoptera. His general price for a box-full was sixpence each specimen; which was certainly not too much considering the beauty and high perfection of all the individuals. Abbot, however, was not a mere collector. Every moment of time he could possibly devote from his field researches was employed in making finished drawings of the larva, pupa and perfect insect of every lepidopterous species, as well as of the plant upon which it fed. These drawings are so beautifully chaste and wonderfully correct, that they were coveted by every one."

While Abbot's work on Lepidoptera referred to in this passage is probably best known because of the popularity of the subject and the importance of his studies on life histories, there is little room for supposing that he gave more careful attention to this group than to others. In all cases specialists have commented on the detailed accuracy of the drawings. The carelessness noted in a few cases would seem to be due to the fact that the demand for the drawings became so great "both in Europe and America that he found it expedient to employ one or two assistants whose copies he retouched, and thus finished they generally pass as his own. To an experienced eye, however, the originals of the master are readily distinguished."

Large series of the drawings, with the manuscript notes that always accompanied them, are still in existence. In this country the Boston Society of Natural History possesses a collection, mostly bound in two volumes, of 548 drawings and paintings of birds. In addition there is in this country also a portfolio of 122 bird plates by Abbot in the De Renne Library near Savannah. Walter Faxon (1896) has called attention to the fact that Le Conte's Sparrow was known to Abbot and drawn by him fully forty years before Audobon named it, and Swainson's Warbler, e.g. twenty five or more years before Audobon described it. More numerous Abbot drawings and manuscripts are preserved in Europe at Paris, Lurich, Oxford, and, above all, in London at the British Museum. One large series of drawings, as previously mentioned, was edited and published by Sir James E. Smith in two sumptuous folio volumes under the title "The Rarer Lepidopterous Insects of Georgia" (1797). This was Abbot's only published book, and its appearance "made an epoch in the history of entomology in this country." (Scudder.)

The Abbot drawings at London are in the zoological library at South Kensington. Those devoted to insects and related groups are bound in sixteen stout quarto volumes bound in red morocco. There is a printed title page for each volume, with a date, the years running from 1792 to 1804, and Volume XIV of this set is devoted to spiders and phalangids and embraces the drawings and relevant manuscript upon which Walckenaer based the descriptions and names of numerous species included in his "Hist. Nat. des Insectes Apteres." According to his own statement, Walckenaer purchased the drawings from the entomologist Mackay who seems to have been an intermediary in securing them from Francillon. It is presumed that they were purchased for the Museum from Walckenaer's estate after his death.

The printed title page to the volume reads as follows:

74th Drawing.

- N^o 366. *Aranella*. Taken 29th April, on Hickory in the Oak Woods of Burke County, I believe this to be a variety, or different in size from N^o 171.
367. *Aranella*. Crab Spider. Taken 3 Sept. in its Web like that of the Garden Spider, between two large Trees on the side of a Pond in the Oak Woods of Burke County. The abdomen beneath is like that of the oblong Coal Spider but not so deep or flat, very broad.
368. *Aranella*. Taken 12th May, frequent Trees and Bushes in the Oak Woods, and Briar creek Swamp. Rand, Beneath the abdomen a pale cream color.
369. *Aranella*. Taken 12 April, running on the ground in the Oak Woods, The only one I have seen.
370. *Aranella*. Taken 28th April, running among the Weeds in the Oak Woods. The only one I have seen.

367



368



366



369



370



Fig. 4

DRAWINGS
of the
INSECTS
of
GEORGIA, IN AMERICA.

by
JOHN ABBOT, OF SAVANNAH

Vol. XIV

M.DCC.XCII

Placed in the last volume of the series next to the title page is a portrait of Abbot in water colors supposed to have been painted by Abbot himself. The accompanying photograph is of the copy of this portrait reproduced by Scudder. Scudder well remarks concerning the picture: "With its peculiar physiognomy and striate dress it adds considerably to our interest in the original; there seems to be not a little humor in the quaint features and figure and the spare form hardly gives the figure of robust health which the face would indicate. It represents him in the thinnest of southern costumes." That nothing was wrong with his health is indicated by the fact that he lived to be past 85 years of age.

Abbot precedes his "Notes and Observations on the Drawings of the Spiders of Georgia," written to accompany the figures, by a few prefatory remarks of which the first is this: "The collecting and making these drawings, has been the work of many years observation, but more particularly has engaged my attention for these last seven years." The period of his greatest activity on spiders would thus seem to have been from about 1785 to 1792.

Altogether there are in the volume 582 figures in water colors, of which 15 are of phalangids and 567 of spiders. The figures were made on sheets or plates, termed "drawings" by Abbot. The figures are uniformly arranged with five to the "drawing" or plate, a large form occupying the central position and a smaller one in each corner. In the volume as bound the sheet bearing Abbot's field notes and comments is inserted opposite the pertinent drawing as illustrated in the accompanying figs. 3 and 4. The photographic reproduction in black and white, made without benefit of proper lighting and screening, does poor justice to the originals which in our opinion surpass in accuracy as well as artistry the drawings of Hentz.

Of the 567 figures of spiders made by Abbot, Walckenaer applies names to 282; and of the names given, all are indicated as new excepting *Dolomedes rufus* (DeGeer) a name he applies to four figures, (1, 6, 13, and 281). There were thus left 285 figures which Walckenaer did not describe or name. Of these figures not named by that author we have identified 165 with tolerable certainty, but at the present time, do not feel sure of the balance.

The following tabulation summarizes our disposition of Abbot's figures and Walckenaer's names.

SUMMARY OF ABBOT'S FIGURES*

Abbot's No.	Walckenaer's name	H. N. Ins. Apt. Vol. and Page	Our disposition	Page
1.	<i>Dolomedes rufus</i> (DeGeer)	1:351	<i>Dolomedes okafenokensis</i> Bishop ♀	135
2.	(Not named)	.....	Undet. <i>Theridiidae</i> ? ♀	.....
3.	(Not named)	.....	Undet. <i>Ozyptila</i> sp. ♀	.....
4.	(Not named)	.....	<i>Mangora placida</i> (Hentz) Im.	105
5.	(Not named)	.....	Undet. <i>Theridion</i> ? ♀	.....
6.	<i>Dolomedes rufus</i> (DeGeer)	1:351	<i>Teippus pinicola</i> (Hentz) ♀	138
7.	(Not named)	.....	<i>Herpyllus vasifer</i> (Walck.) ♀	173
8.	(Not named)	.....	<i>Eustala anastera</i> (Walck.) Im. ♂	102
9.	(Not named)	.....	Undet. <i>Salticidae</i> Im. ♂	.....
10.	(Not named)	.....	<i>Argiope aurantia</i> Lucas Im. ♂	94
11.	<i>Lycosa tarentula suspecta</i> n. sp.	1:286T	- <i>Dolomedes suspectus</i> (Walck.) ♀	136
12.	<i>Myrmecia rubra</i> n. sp.	1:387T	<i>Synemosyna lunata</i> (Walck.) ♀	215
13.	(Not named)	.....	<i>Castianeira descripta</i> (Hentz) ? ♂	180
14.	<i>Myrmecia rubra</i> n. sp.	1:387	<i>Synemosyna lunata</i> (Walck.) ♂	215
15.	(Not named)	.....	Undet. <i>Castianeira</i> sp. ♀	.....
16.	<i>Dolomedes rufus</i> (DeGeer)	1:351	<i>Teippus pinicola</i> (Hentz) ♀	138
17.	<i>Attus felis</i> n. sp.	1:451T	<i>Metaphidippus protervus</i> (W.) ♀	204
18.	<i>Attus canosus</i> n. sp.	1:451T	<i>Stoidis canosa</i> (Walck.) ♀	214
19.	<i>Attus tridentiger</i> n. sp.	1:449T	- <i>Phidippus tridentiger</i> (Walck.) ♂ ?	212
20.	<i>Attus pileatus</i> n. sp.	1:450T	- <i>Phidippus pileatus</i> (Walck.) ♀	210
21.	<i>Dolomedes vittatus</i> n. sp.	1:347T	<i>Dolomedes vittatus</i> Walck. ♀	137
22.	<i>Drassus capulatus</i> n. sp.	1:621T	<i>Sergiolus capulatus</i> (Walck.) ♀	174
23.	(Not named)	.....	Undet. <i>Castianeira</i> sp. ?	.....
24.	(Not named)	.....	<i>Tetragnatha viridis</i> Walck. ♀	113
25.	<i>Linyphia lemniscata</i> n. sp.	2:263T	<i>Allepeira lemniscata</i> (Walck.) ♀	93
26.	<i>Lycosa tarentula Georgiana</i> n. sp.	1:286T	<i>Lycosa carolinensis</i> Walck. ♀	143
27.	(Not named)	.....	<i>Dictyna roscida</i> (Hentz) ♀	120
28.	(Not named)	.....	<i>Dictyna roscida</i> (Hentz) ? ♀	120
29.	(Not named)	.....	<i>Hyptiotes cavatus</i> (Hentz) ♀	35
30.	(Not named)	.....	Undet. <i>Epeiridae</i> ? ♀	.....
31.	<i>Lycosa tarentula georgiana</i> n. sp.	1:286	<i>Lycosa impavida</i> Walck. ♀	144
32.	<i>Attus explorator</i> n. sp.	1:450T	- <i>Attus explorator</i> Walck. ♀	191
33.	<i>Attus rimator</i> n. sp.	1:446T	<i>Phidippus rimator</i> (Walck.) Im.	212
34.	<i>Attus cancroides</i> n. sp.	1:447T	- <i>Attus cancroides</i> Walck. ♀	190
25.	<i>Attus pilosus</i> n. sp.	1:447T	- <i>Phidippus pilosus</i> (Walck.) ♀	211
36.	<i>Sphodros abboti</i> n. sp.	1:247T	<i>Atypus abboti</i> (Walck.) ♀	31
37.	<i>Epeira spatulata</i> n. sp.	2:44	<i>Eustala anastera</i> (Walck.) ? Im.	102
38.	<i>Epeira spatulata</i> n. sp.	2:44	<i>Gasteracantha elipsoides</i> (W) Im. ♂	103
39.	<i>Epeira foliosa</i> n. sp.	2:66 T	- <i>Epeira foliosa</i> Walck. ♀	99
40.	<i>Epeira partita</i> n. sp.	2:46 T	<i>Epeira miniata</i> Walck. ? ♀	100
41.	<i>Lycosa tarentuloides Georgicola</i> n. sp.	1:288T	<i>Lycosa georgicola</i> Walck. ♀	143
42.	<i>Sphasus lanceolatus</i> n. sp.	1:377T	<i>Oxyopes lanceolatus</i> (Walck.) ♀	132
43.	(Not named)	.....	Undet. <i>Xysticus</i> sp. ♀	.....
44.	<i>Uloborus americanus</i> n. sp.	2:229T	<i>Thanatidius americanus</i> (Walck.) ♀	139
45.	(<i>Uloborus americanus</i> n. sp. ?)	2:229	<i>Pisaurina mira</i> (Walck.) ? Im.	138

* T—Indicates that this figure was used as type for the species.

X—Indicates that Walckenaer had a specimen as well, on which the description was based.

B—Indicates that the description was based on Bosc's figures and notes.

(-)—A hyphen preceding a name indicates that it has not been verified by us on the basis of specimens.

Undet.—Undetermined to species. Family or Genus given, if determined.

Abbot's No.	Walckenaer's name	H. N. Ins. Apt. Vol. and Page	Our disposition	Page
46.	<i>Lycosa avida</i> n. sp.	1:322X	<i>Lycosa carolinensis</i> Walck. ♂	143
47.	<i>Plectana gracilis</i> n. sp.	2:193B	<i>Micrathena gracilis</i> (Walck.) ♀	106
48.	<i>Plectana gracilis</i> n. sp.	2:193	<i>Micrathena gracilis</i> (Walck.) ♀	106
49.	<i>Plectana reduviana</i> n. sp.	2:201T	<i>Micrathena gracilis</i> (Walck.) Im.	106
50.	<i>Plectana sagittata</i> n. sp.	2:174T	<i>Micrathena sagittata</i> (Walck.) ♀	107
51.	<i>Dolomedes lineatus</i> n. sp.	1:347T	<i>Lycosa rabida</i> Walck. ♀	146
52.	<i>Attus viridis</i> n. sp.	1:469T	<i>Lyssomanes viridis</i> (Walck.) Im.	217
53.	(Not named)	.....	<i>Anyphaena maculata</i> (Banks) ? ♀	177
54.	<i>Linyphia pyramitela</i> n. sp.	2:261T	<i>Frontinella pyramitela</i> (Walck.) Im.	81
55.	<i>Linyphia radiata</i> n. sp.	2:262T	<i>Linyphia marginata</i> Walck. ♀	82
56.	<i>Dolomedes lineatus</i> n. sp.	1:347	<i>Lycosa punctulata</i> Hentz ♀	145
57.	(Not named)	.....	Undet. <i>Pisaurina mira</i> (W.) ? Im.	.....
58.	(Not named)	.....	<i>Teippus praeceps</i> (Walck.) ? Im.	139
59.	(Not named)	.....	<i>Lyssomanes viridis</i> (Walck.) ♂	217
60.	(Not named)	.....	<i>Drexelia directa</i> (Hentz) ♀	98
61.	<i>Lycosa mordax</i> Walck.	1:321X	<i>Lycosa pulchra</i> (Keys.) ♀	145
62.	(Not named)	.....	Undet. <i>Clubiondae</i> ♀	.....
63.	(Not named)	.....	Undet. <i>Clubiona</i> sp. ♂	.....
64.	<i>Attus subflavus</i> n. sp.	1:447T	- <i>Attus subflavus</i> Walck. ♀	194
65.	(Not named)	.....	Undet. <i>Aysha</i> or <i>Anyphaena</i> ♀	.....
66.	<i>Lycosa mordax</i> Walck.	1:321	<i>Lycosa pulchra</i> (Keys.) ♀	145
67.	(Not named)	.....	<i>Hentzia ambigua</i> (Walck.) ♀	201
68.	(Not named)	.....	<i>Metaphidippus galathea</i> (W.) ♀	203
69.	(Not named)	.....	<i>Hentzia mitrata</i> (Hentz) ♀	201
70.	(Not named)	.....	<i>Hentzia mitrata</i> (Hentz) Im. ♂	201
71.	<i>Lycosa mordax</i> Walck.	1:321	<i>Lycosa pulchra</i> (Keys.) ♀	145
72.	(Not named)	.....	<i>Pisaurina mira</i> (Walck.) ♀	138
73.	(Not named)	.....	<i>Pisaurina mira</i> (Walck.) ♀	138
74.	<i>Lycosa impavida</i> n. sp.	1:324T	<i>Lycosa impavida</i> Walck. Im.	144
75.	(Not named)	.....	<i>Pisaurina mira</i> (Walck.) ♀	138
76.	<i>Lycosa vehemens</i> n. sp.	1:324T	<i>Lycosa carolinensis</i> (Walck.) ♀	143
77.	<i>Epeira glomosa</i> n. sp.	2:143T	<i>Uloborus glomus</i> (Walck.) ♀	34
78.	<i>Epeira glomosa</i> n. sp.	2:143	<i>Uloborus glomus</i> (Walck.) ♀	34
79.	<i>Epeira turbinata</i> n. sp.	2:140T	<i>Cyclosa turbinata</i> (Walck.) ♀	97
80.	<i>Epeira turbinata</i> n. sp.	2:140	<i>Cyclosa turbinata</i> (Walck.) ♀	97
81.	<i>Lycosa animosa</i> n. sp.	1:331T	<i>Anahita animosa</i> (Walck.) ♀	156
82.	<i>Attus ceruleus</i> n. sp.	1:448T	<i>Agassa cerulea</i> (Walck.) ♀	189
83.	<i>Attus smaragdinus</i> n. sp.	1:448T	- <i>Attus smaragdinus</i> Walck. ♂	194
84.	(Not named)	.....	<i>Thiodina iniquies</i> (Walck.) ♀	216
85.	<i>Attus quinque-tesseratus</i> n. sp.	1:448T	- <i>Attus multivagus</i> Walck. ♂	192
86.	<i>Lycosa infesta</i> n. sp.	1:332T	- <i>Lycosa infesta</i> Walck. ♀	145
87.	<i>Attus sagax</i> n. sp.	1:449T	- <i>Phidippus sagax</i> (Walck.) Im.	212
88.	<i>Attus lentus</i> n. sp.	1:446T	<i>Marpissa undata</i> (DeGeer) ♀	202
89.	<i>Attus morsitans</i> n. sp.	1:432B	- <i>Phidippus variegatus</i> (Lucas) ♀	209
90.	<i>Attus morsitans</i> n. sp.	1:432	- <i>Phidippus variegatus</i> (Lucas) ♀	209
	<i>Attus contemplator</i> n. sp.	1:457T	- <i>Phidippus variegatus</i> (Lucas) ♀	209
91.	<i>Lycosa triton</i> n. sp.	1:340T	<i>Dolomedes triton</i> (Walck.) ♀	136
92.	<i>Attus purpurarius</i> n. sp.	1:446T	<i>Phidippus purpurarius</i> (Walck.) Im.	211
93.	<i>Attus scrutator</i> n. sp.	1:446T	- <i>Attus scrutator</i> Walck. ♂	194
94.	<i>Attus excubitor</i> n. sp.	1:436B	<i>Phidippus excubitor</i> (Walck.) ♂	207
95.	<i>Attus excubitor</i> n. sp.	1:436	<i>Phidippus excubitor</i> (Walck.) ♂	207
96.	<i>Agelena naevia</i> Walck.	2:24 B	<i>Agelenopsis naevia</i> (Walck.) ♂	128

Abbot's No.	Walckenaer's name	H. N. Ins. Apt. Vol. and Page	Our disposition	Page
97.	(Not named)	.....	<i>Conopistha rufa</i> (Walck.) ♀	38
98.	<i>Linyphia rufa</i> n. sp.	2:284T	<i>Conopistha rufa</i> (Walck.) ♀	38
99.	<i>Linyphia argyrodes</i> n. sp.	2:282X	<i>Conopistha nephilae</i> (Tacz.) ♀	37
100.	<i>Linyphia argyrodes</i> n. sp.	2:282X	<i>Conopistha nephilae</i> (Tacz.) ♀	37
101.	<i>Agelena naevia</i> Walck.	2:24	<i>Agelenopsis naevia</i> (Walck.) ♀	128
102.	<i>Thomisus conspergatus</i> n. sp.	1:524T	- <i>Thomisus conspergatus</i> Walck.	164
103.	<i>Thomisus purpuratus</i> n. sp.	1:508T	- <i>Thomisus purpuratus</i> Walck.	165
104.	<i>Thomisus citreus Georgiensis</i> n. sp.	1:528T	<i>Misumena calycina</i> (Linn.) ♀	157
105.	<i>Thom. citreus Georgiensis</i> n. sp.	1:528	<i>Misumena calycina</i> (Linn.) ♀	157
106.	<i>Philodromus praeceps</i> n. sp.	1:560T	<i>Teippus praeceps</i> (Walck.) Im.	139
107.	<i>Tegenaria Nemorensis</i> n. sp.	2:10 T	<i>Coras medicinalis</i> (Hentz) ♂	129
108.	<i>Tegenaria Nemorensis</i> n. sp.	2:10	<i>Coras medicinalis</i> (Hentz) ♀	129
109.	<i>Tegenaria Nemorensis</i> n. sp.	2:10	- <i>Tegenaria arboricole</i> Walck. ♀	129
110.	<i>Tegenaria arboricole</i> n. sp.	2:6 T	- <i>Tegenaria arboricole</i> Walck. ♀	129
111.	<i>Epeira jaspidata</i> n. sp.	2:59 T	<i>Aranea raji</i> Olivier ? ♀	94
112.	<i>Epeira triflex</i> n. sp.	2:60 T	<i>Eustala triflex</i> (Walck.) Im.	103
113.	<i>Epeira venusta</i> n. sp.	2:90 T	<i>Leucauge venusta</i> (Walck.) ♀	104
114.	(Not named)	.....	<i>Gea ergaster</i> (Walck.) ♀	104
115.	<i>Epeira dissimulata</i> n. sp.	2:60 T	<i>Mimetes dissimulatus</i> (Walck.) ♀	57
116.	<i>Epeira conspicellata</i> n. sp.	2:58	<i>Aranea raji</i> Olivier ♀	94
117.	(Not named)	.....	<i>Epeira traddeus</i> Hentz ♀	101
118.	<i>Plectana Elipsoides</i> n. sp.	2:155T	<i>Gasteracantha elipsoides</i> (W.) ♀	103
119.	<i>Epeira eustala</i> n. sp.	2:37 T	<i>Eustala anastera</i> (Walck.) ♀	102
120.	<i>Epeira eustala</i> n. sp.	2:37	<i>Eustala anastera</i> (Walck.) ♀	102
121.	<i>Epeira conspicellata</i> n. sp.	2:58 T	<i>Aranea raji</i> Olivier ♀	94
122.	(Not named)	.....	<i>Theridula opulenta</i> (Walck.) ♀	56
123.	(Not named)	.....	<i>Theridula opulenta</i> (Walck.) ♀	56
124.	(Not named)	.....	Undet. <i>Epeira</i> ? <i>Theridion</i> ? ♀	.....
125.	(Not named)	.....	Undet. <i>Epeira</i> ? ♀	.....
126.	<i>Epeira benjamina</i> n. sp.	2:42 X	<i>Neoscona domiciliorum</i> (Hentz) ♀	108
127.	(Not named)	.....	Undet. <i>Theridion</i> ? ♀	.....
128.	(Not named)	.....	Undet. <i>Theridion</i> ? ♀	.....
129.	(Not named)	.....	Undet. <i>Theridion</i> ? ♀	.....
130.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ? ♀	103
131.	<i>Epeira vulpecula</i> n. sp.	2:69 T	<i>Neoscona sacra</i> (Walck.) ♀	108
132.	(Not named)	.....	Undet. <i>Epeira</i> ? Im.	.....
133.	(Not named)	.....	<i>Steatoda borealis</i> (Hentz) ? ♀	46
134.	<i>Linyphia textrix</i> n. sp.	2:281T	<i>Anelosimus textrix</i> (Walck.) ♀	37
135.	<i>Epeira petasata</i> n. sp.	2:70 T	<i>Eustala triflex</i> (Walck.) ♀	103
136.	<i>Epeira sacra</i> n. sp.	2:33 T	<i>Neoscona sacra</i> (Walck.) ♂	108
137.	(Not named)	.....	<i>Epeira nivea</i> Hentz ♀	100
138.	(Not named)	.....	<i>Epeira nivea</i> Hentz ♀	100
139.	(Not named)	.....	<i>Epeira guttulata</i> Walck. ? ♀	99
140.	(Not named)	.....	<i>Epeira guttulata</i> Walck. ♀	99
141.	<i>Epeira emphana</i> n. sp.	2:74 T	<i>Neoscona sacra</i> (Walck.) ♀	108
142.	<i>Epeira illustrata</i> n. sp.	2:45	<i>Eustala triflex</i> (Walck.) Im. ♂	103
143.	<i>Epeira ectypa</i> n. sp.	2:129T	<i>Wixia anaglyphe</i> (Walck.)	115
144.	<i>Epeira ectypa</i> n. sp.	2:129	<i>Wixia anaglyphe</i> (Walck.) ♂	115
145.	(Not named)	.....	Undet. <i>Epeira</i> ?	.....
146.	<i>Epeira nephoda</i> n. sp.	2:74 T	<i>Neoscona sacra</i> (Walck.) ♀	108
147.	<i>Thomisus infumatus</i> n. sp.	1:508T	<i>Ozyptila infumata</i> (Walck.) ♂	161
148.	<i>Thomisus indiligens</i> n. sp.	1:506T	- <i>Xysticus indiligens</i> (Walck.) ♀	168

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150.	<i>Theridion ansatum</i> n. sp.	2:320	<i>Theridion catapetraeum</i> G. and A. ♀	46
151.	<i>Epeira cophinaria</i> n. sp.	2:109T	<i>Argiope aurantia</i> Lucas ♀	94
152.	<i>Theridion lyricum</i> n. sp.	2:288T	- <i>Theridion lyricum</i> Walck. ♀	52
153.	<i>Theridion catenatum</i> n. sp.	2:289T	- <i>Theridion catenatum</i> Walck. ♀	46
154.	(Not named)	.....	<i>Teutana triangulosa</i> (Walck.) ♀	46
155.	(Not named)	.....	<i>Philodromus robustus</i> Emerton ♀	163
156.	<i>Epeira argyraspides</i> n. sp.	2:110T	<i>Argiope trifasciata</i> (Forsk.) ♀	97
157.	<i>Attus attentus</i> n. sp.	1:437T	- <i>Attus attentus</i> Walck. ♀	190
158.	<i>Attus multivagus</i> n. sp.	1:438T	- <i>Attus multivagus</i> Walck. ♂	192
159.	<i>Attus iniquies</i> n. sp.	1:438T	<i>Thiodina iniquies</i> (Walck.) ♀	216
160.	<i>Attus latus</i> n. sp.	1:438T	<i>Philippus latus</i> (Walck.) ♀	209
161.	<i>Epeira nobilis</i> n. sp.	2:119T	<i>Marxia stellata</i> (Walck.) ♀	105
162.	(Not named)	.....	Undet. <i>Epeira</i> ? ♀	.....
163.	(Not named)	.....	<i>Epeira nicea</i> Hentz ♂	100
164.	(Not named)	.....	Undet. <i>Philodromus</i> sp. ♀	.....
165.	<i>Epeira arenata</i> n. sp.	2:133	<i>Verrucosa arenata</i> (Walck.) ♀	115
166.	<i>Epeira cerasiae</i> n. sp.	2:119T	<i>Marxia stellata</i> (Walck.) ♀	105
167.	(Not named)	.....	<i>Neoscona arabesca</i> (Walck.) ? ♀	107
168.	(Not named)	.....	Undet. <i>Epeira</i> ? ♀	.....
169.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ♀	103
170.	<i>Epeira circulata</i> n. sp.	2:79	<i>Eustala triflex</i> (Walck.) ? ♀	103
171.	<i>Epeira spatulata</i> n. sp.	2:44	<i>Eustala anastera</i> (Walck.) ♀	102
172.	(Not named)	.....	<i>Eustala anastera</i> (Walck.) ♀	102
173.	<i>Epeira cepina</i> n. sp.	2:37	<i>Eustala cepina</i> (Walck.)	103
174.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ♀	103
175.	<i>Epeira cepina</i> n. sp.	2:37	<i>Eustala anastera</i> (Walck.) ♀	102
176.	(Not named)	.....	<i>Neoscona sacra</i> (Walck.) ? Im. ♂	106
177.	(Not named)	.....	Undet. <i>Epeira</i> sp. ♀	.....
178.	<i>Epeira cucurbitina americana</i> n. var.	2:77 T	<i>Araniella displicata</i> (Hentz) ? ♀	94
179.	(Not named)	.....	Undet. <i>Epeira</i> ? ♀	.....
180.	<i>Epeira phrygiata</i> n. sp.	2:54 T	- <i>Epeira phrygiata</i> Walck. ♀	101
181.	<i>Epeira arenata</i> n. sp.	2:133T	<i>Verrucosa arenata</i> (Walck.) ♀	115
182.	<i>Epeira arenata</i> n. sp.	2:133	<i>Verrucosa arenata</i> (Walck.) Im. ♂	115
183.	<i>Epeira arenata</i> n. sp.	2:133	<i>Verrucosa arenata</i> (Walck.) Im.	115
184.	(Not named)	.....	<i>Epeira miniata</i> Walck. ♀	100
185.	(Not named)	.....	<i>Eustala cepina</i> (Walck.) ♀	103
186.	<i>Epeira illustrata</i> n. sp.	2:45 T	<i>Eustala anastera</i> (Walck.) Im. ♂	102
187.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ? ♀	103
188.	(Not named)	.....	<i>Eustala anastera</i> (Walck.) ♀	102
189.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ? ♀	103
190.	(Not named)	.....	<i>Castianeira descripta</i> (Hentz) ♀	180
191.	<i>Latrodectus formidabilis</i> n. sp.	1:647T	<i>Eustala anastera</i> (Walck.) ♀	102
192.	<i>Drassus ocellatus</i> n. sp.	1:621T	<i>Latrodectus mactans</i> (Fabricius) ♀	43
193.	(Not named)	.....	<i>Sergiolus ocellatus</i> (Walck.) ♀	175
194.	<i>Latrodectus variolus</i> n. sp.	1:648T	<i>Latrodectus mactans</i> (Fabricius) ♂	43
195.	<i>Latrodectus perfidus</i> n. sp.	1:647T	<i>Latrodectus mactans</i> (Fabricius) ♀	43
196.	<i>Thomisus iners</i> n. sp.	1:530T	- <i>Misumenops iners</i> (Walck.) ♀	160
197.	<i>Thomisus varians</i> n. sp.	1:504	<i>Synema varians</i> (Walck.) ♀	163
198.	<i>Thomisus desidiosus</i> n. sp.	1:501T	- <i>Misumenops</i> ? <i>desidiosus</i> (W.) ♀	150
199.	(Not named)	<i>Xysticus transversatus</i> (W.) ? ♀	170

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201.	<i>Attus pulcher</i> n. sp.	1:439T	<i>Phidippus pulcher</i> (Walck.) ♀	211
202.	(Not named)	Undet. Salticidae ? ♀
203.	(Not named)	.....	-<i>Attus multivagus</i> Walck. ♀	192
204.	(Not named)	.....	<i>Hentzia mitrata</i> (Hentz) ? Im. ?	201
205.	(Not named)	.....	Undet. Salticidae ? ♀	.....
206.	<i>Attus excubitor</i> n. sp.	1:436	<i>Phidippus excubitor</i> (Walck.) ♀	207
207.	(Not named)	.....	Undet. Salticidae ? ♂	.....
208.	(Not named)	.....	<i>Thiodina iniquies</i> (Walck.) ♂	216
209.	<i>Attus fraudulentus</i> n. sp.	1:442	<i>Phidippus fraudulentus</i> (W.) Im. ?	208
210.	<i>Attus fraudulentus</i> n. sp.	1:442T	<i>Phidippus fraudulentus</i> (W.) Im. ?	208
211.	<i>Tetragnatha culicivora</i> n. sp.	2:214T	<i>Tetragnatha elongata</i> Walck. ? ♂	111
212.	<i>Myrmecia caliginosa</i> n. sp.	1:388T	<i>Peckhamia caliginosa</i> (Walck.) ♂	204
213.	(Not named)	.....	<i>Poecilochroa montana</i> Emerton ♂	174
214.	<i>Myrmecia lunata</i> n. sp.	1:387T	<i>Synemosyna lunata</i> (Walck.) ♂	215
215.	(Not named)	.....	Undet. <i>Castianeira</i> sp. ♀	.....
216.	<i>Tetragnatha fulva</i> n. sp.	2:212T	<i>Tetragnatha elongata</i> Walck. ♀	111
217.	(Not named)	.....	<i>Eustala cepina</i> (Walck.) ♀	103
218.	(Not named)	.....	<i>Mimetes dissimulatus</i> (Walck.) ♀	57
219.	(Not named)	.....	<i>Mimetes dissimulatus</i> (Walck.) ♂	57
220.	(Not named)	.....	<i>Verrucosa arenata</i> (Walck.) ♂	115
221.	<i>Tetragnatha fulva</i> n. sp.	2:212	Undet. <i>Tetragnatha</i> sp. ♀	.....
222.	<i>Thomisus oscitans</i> n. sp.	1:510T	- <i>Thomisus oscitans</i> Walck. ♀	165
223.	<i>Thomisus sphericus</i> n. sp.	1:501T	- <i>Xysticus sphericus</i> (Walck.) ♀	169
224.	<i>Thomisus turgidus</i> n. sp.	1:502T	- <i>Thomisus turgidus</i> Walck. ♀	166
225.	<i>Philodromus abboti</i> n. sp.	1:552T	<i>Philodromus abboti</i> Walck. ♀	161
226.	<i>Tetragnatha trapezoides</i> n. sp.	2:218T	<i>Tetragnatha versicolor</i> Walck. ♀	113
227.	(Not named)	.....	<i>Epeira miniata</i> Walck. ♂	100
228.	<i>Epeira miniata</i> n. sp.	2:39 T	<i>Epeira miniata</i> Walck. ♀	100
229.	<i>Epeira miniata</i> n. sp.	2:39	Undet. <i>Epeira</i> sp. ♀	.....
230.	<i>Epeira miniata</i> n. sp.	2:39	<i>Epeira miniata</i> Walck. ♂	100
231.	<i>Tetragnatha versicolor</i> n. sp.	2:216T	<i>Tetragnatha versicolor</i> Walck. ♀	113
232.	<i>Epeira cingulata</i> n. sp.	2:40 T	<i>Epeira miniata</i> Walck. ? ♀	100
233.	<i>Epeira guttulata</i> n. sp.	2:78 T	<i>Epeira guttulata</i> Walck. ♀	99
234.	<i>Epeira bivittata</i> n. sp.	2:78 T	- <i>Epeira bivittata</i> Walck. ♀	98
235.	<i>Epeira ergaster</i> n. sp.	2:55 T	<i>Gea ergaster</i> (Walck.) ♀	104
236.	<i>Tetragnatha viridis</i> n. sp.	2:216T	<i>Tetragnatha viridis</i> Walck. ♀	113
237.	(Not named)	.....	<i>Tmarus angulatus</i> (Walck.) ? ♀	167
238.	(Not named)	.....	Undet. <i>Philodromus</i> sp. ♀	.....
239.	(Not named)	.....	Undet. Salticidae ? ♀	.....
240.	<i>Tetragnatha lutea</i> n. sp.	2:217T	- <i>Tetragnatha lutea</i> Walck. ♂	112
241.	(Phalangida)	.....	.....	.....
242.	(Not named)	.....	Undet. Salticidae ? ♀	.....
243.	(Not named)	.....	<i>Peckhamia caliginosa</i> (Walck.) ♀	204
244.	(Not named)	.....	Undet. Salticidae ? ♀	.....
245.	(Not named)	.....	Undet. <i>Phidippus</i> sp. ♂	.....
246.	(Phalangida)	.....	.....	.....
247.	(Not named)	.....	<i>Frontinella pyramitela</i> (Walck.) Im. ♂	81
248.	(Not named)	.....	<i>Mangora placida</i> (Hentz) ♀	105
249.	<i>Epeira calix</i> n. sp.	2:90 T	<i>Singa calix</i> (Walck.) ♂	109
250.	<i>Epeira calix</i> n. sp.	2:90	<i>Singa calix</i> (Walck.) ♀	109

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251.	(Phalangida)
252.	(Not named)	Undet. <i>Clubionidae</i> ? ♂
253.	(Not named)	Undet. <i>Theridiidae</i> ? ♀
254.	(Not named)	.....	<i>Chryso albomaculata</i> Cambridge ♀	37
255.	(Not named)	.....	<i>Episinus truncatus</i> Latr. ? ♂	40
256.	(Phalangida)	.....	.....	.....
257.	(Not named)	.....	Undet. <i>Metaphidippus</i> ? ♀	.....
258.	(Not named)	.....	<i>Hentzia ambigua</i> (Walck.) ♀	201
259.	(Not named)	.....	Undet. <i>Metaphidippus</i> ? ♀	.....
260.	(Not named)	.....	<i>Hentzia mitrata</i> (Hentz) ♀	201
261.	(Phalangida)	.....	.....	.....
262.	(Not named)	.....	Undet. <i>Singa</i> sp. ? ♀	.....
263.	(Not named)	.....	Undet. <i>Theridiidae</i> ? ♀	.....
264.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ♀	103
265.	(Not named)	.....	Undet. <i>Epeira</i> sp. ? ♀	.....
266.	(Phalangida)	.....	.....	.....
267.	<i>Thomisus phrygiatus</i> n. sp.	1:533T	<i>Misumena calycina</i> (Linn.) ♀	157
268.	<i>Thomisus phrygiatus</i> n. sp.	1:533	<i>Misumena calycina</i> (Linn.) ♀	157
269.	<i>Thomisus phrygiatus</i> n. sp.	1:533	<i>Misumena calycina</i> (Linn.) ♀	157
270.	<i>Thomisus bicolor</i> n. sp.	1:533T	<i>Thomisus bicolor</i> Walck. ♀	164
271.	(Phalangida)	.....	.....	.....
272.	<i>Epeira trinotata</i> n. sp.	2:76 T	<i>Eustala triflex</i> (Walck.) ♀	103
273.	<i>Epeira subfusca</i> n. sp.	2:76	<i>Epeira subfusca</i> Walck. ♀	101
274.	<i>Epeira illustrata</i> n. sp.	2:45	<i>Eustala anastera</i> (Walck.) ♂	102
275.	<i>Epeira cepina</i> n. sp.	2:37	<i>Eustala anastera</i> (Walck.) ♀	102
276.	(Phalangida)	.....	.....	.....
277.	(Not named)	.....	Undet. <i>Epeira</i> sp. ? ♂	.....
278.	<i>Epeira illustrata</i> n. sp.	2:45	<i>Eustala triflex</i> (Walck.) ♀	103
279.	(Not named)	.....	<i>Araniella displicata</i> (Hentz) ♀	94
280.	(Not named)	.....	Undet. <i>Epeira</i> ? ♀	.....
281.	<i>Dolomedes rufus</i> (DeGeer)	1:351	<i>Dolomedes okefinokensis</i> Bishop ♀	135
282.	(Not named)	.....	<i>Uloborus glomus</i> (Walck.) ♀	34
283.	(Not named)	.....	<i>Uloborus glomus</i> (Walck.) ♀	34
284.	(Not named)	.....	<i>Uloborus glomus</i> (Walck.) ♀	34
285.	(Not named)	.....	<i>Micrathena gracilis</i> (Walck.) ♀	106
286.	<i>Lycosa tarentuloides encarpata</i> n. sp.	1:290T	<i>Teippus encarpatus</i> (Walck.) ♀	138
287.	(Not named)	.....	<i>Clubiona pallens</i> Hentz ♂	156
288.	<i>Lycosa animosa</i> n. sp.	1:331	<i>Clubiona pallens</i> Hentz ♀	156
289.	(Not named)	.....	<i>Anyphaena maculata</i> (Banks) ♀	177
290.	(Not named)	.....	Undet. <i>Anyphaena</i> sp. ♀	.....
291.	<i>Dolomedes virgatus</i> n. sp.	1:358T	<i>Pisaurina mira</i> (Walck.) ♀	138
292.	<i>Theridion qualripunctatum ameri-</i> <i>canum</i> n. var.	2:293T	<i>Theridion americanum</i> Walck. ♀	46
293.	<i>Theridion qualripunctatum ameri-</i> <i>canum</i> n. var.	2:290	<i>Singa variabilis</i> Em. ♀	110
294.	(Not named)	.....	<i>Dictyna sublata</i> (Hentz) ♀	122
295.	(Not named)	.....	<i>Dictyna sublata</i> (Hentz) ♀	122
296.	(Not named)	.....	<i>Pisaurina mira</i> (Walck.) ♀	138
297.	(Not named)	.....	Undet. <i>Salticidae</i> ♀	.....
298.	(Not named)	Undet. <i>Salticidae</i> ♀
299.	(Not named)	Undet. <i>Salticidae</i> ♀
300.	(Not named)	Undet. <i>Zygoballus</i> sp. ? ♀

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302.	(Not named)	Undet. <i>Theridion</i> sp. ? ♂
303.	(Not named)	Undet. <i>Theridion</i> sp. ? ♀
304.	(Not named)	<i>Steatoda borealis</i> (Hentz) ? ♀	46
305.	(Not named)	.....	Undet. <i>Epeiridae</i> ? ♀	.....
306.	(Not named)	.....	<i>Schizocosa saltatrix</i> (Hentz) ♀	155
307.	(Not named)	.....	Undet. <i>Clubionidae</i> ? ♀	.....
308.	(Not named)	Undet. ♀
309.	(Not named)	Undet. <i>Linyphiidae</i> ? ♂
310.	(Not named)	Undet. <i>Linyphiidae</i> ? ♀
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311.	<i>Lycosa crassipes</i> n. sp.	1:323T	<i>Schizocosa crassipes</i> (Walck.) ♂	153
312.	<i>Theridion pallidum</i> n. sp.	2:321T	<i>Theridion tepidariorum</i> C. Koch ♀	55
313.	<i>Theridion sisypoides</i> n. sp.	2:321T	<i>Tidarren sisypoides</i> (Walck.) ♀	57
314.	(Not named)	.....	Undet. <i>Thomisidae</i> ♂	.....
315.	(Not named)	.....	Undet. <i>Thomisidae</i> ?	.....
316.	(Not named)	.....	<i>Agroeca pratensis</i> Emerton ? ♀	179
317.	(Not named)	.....	<i>Cheiracanthium inclusum</i> (Hentz) ♀	181
318.	(Not named)	.....	<i>Agroeca pratensis</i> Emerton ? ♀	179
319.	(Not named)	.....	<i>Pardosa milvina</i> (Hentz) ? ♀	149
320.	(Not named)	.....	Undet. <i>Theridion</i> ? ♀	.....
321.	<i>Dolomedes mirus</i> n. sp.	1:357T	<i>Pisaurina mira</i> (Walck.) ♀	138
322.	<i>Sphasus arcuatus</i> n. sp.	1:378T	- <i>Oxyopes arcuatus</i> (Walck.)	132
323.	<i>Sphasus arcuatus</i> n. sp.	1:378	- <i>Oxyopes arcuatus</i> (Walck.) ♀	132
324.	(Not named)	.....	Undet. (Figure missing)	.....
325.	(Not named)	.....	<i>Argiope trifasciata</i> (Forsk.) ? Im. ?	97
326.	<i>Epeira frondosa</i> n. sp.	2:65 T	<i>Aranea raji</i> Olivier ? ♀	94
327.	(Not named)	.....	<i>Epeira guttulata</i> Walck. ? ♀	99
328.	(Not named)	.....	Undet. <i>Epeira</i> sp. ♀	.....
329.	(Not named)	.....	<i>Epeira nivea</i> Hentz ? ♀	100
330.	(Not named)	.....	<i>Araniella displicata</i> (Hentz) ♂	94
331.	<i>Epeira arabesca</i> n. sp.	2:74 B	<i>Neoscona</i> (Sacre) (Walck.) ♀	108
332.	(Not named)	.....	Undet. (Same as No. 124) ♀	.....
333.	(Not named)	.....	<i>Singa tusa</i> (Petr.) ♀	109
334.	(Not named)	.....	Undet. <i>Epeira</i> ? ♀	.....
335.	(Not named)	.....	Undet. <i>Epeira</i> ? ♀	.....
336.	<i>Epeira iris</i> n. sp.	2:120T	<i>Marxia stellata</i> (Walck.) ♀	105
337.	(Not named)	.....	<i>Wixia anaglyphe</i> (Walck.) ♀	115
338.	(Not named)	.....	<i>Wixia anaglyphe</i> (Walck.) ♀	115
339.	(Not named)	.....	Undet. <i>Epeira</i> ? ♀	.....
340.	(Not named)	.....	<i>Wixia anaglyphe</i> (Walck.) ♀	115
341.	(Not named)	.....	<i>Marxia stellata</i> (Walck.) ♀	105
342.	(Not named)	.....	<i>Drassodes neglectus</i> (Keys.) ? ♂	.....
343.	(Not named)	.....	<i>Tibellus duttoni</i> (Hentz) ♂	166
344.	(Not named)	.....	<i>Eustala anastera</i> (Walck.) ♀	102
345.	<i>Epeira decolorata</i> n. sp.	2:49 T	<i>Eustala anastera</i> (Walck.) ♀	102
346.	<i>Epeira arabesca</i> n. sp.	2:74 B	<i>Neoscona arabesca</i> (Walck.) ♀	107
347.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ♀	103
348.	<i>Epeira fulva</i> n. sp.	2:129T	- <i>Epeira fulva</i> Walck. ♀	99
349.	<i>Epeira anaglyphe</i> n. sp.	2:128B	<i>Wixia anaglyphe</i> (Walck.) ♀	115
350.	(Not named)	Undet. <i>Epeira</i> ? ♀

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351.	<i>Epeira benjamina</i> n. sp.	2:42		
	<i>Epeira mutabilis</i> n. sp.	2:73 T		
	<i>Epeira rubicunda</i> n. sp.	2:43 T	<i>Neoscona sacra</i> (Walck.) ♀	108
352.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ? ♀	103
353.	(Not named)	.....	<i>Epeira guttulata</i> Walck. ? ♀	99
354.	(Not named)	.....	<i>Neoscona arabesca</i> (Walck.) ♀	107
355.	(Not named)	.....	<i>Epeira pegnia</i> Walck. ? ♀	100
356.	<i>Epeira vulpecula</i> n. sp.	2:69	<i>Aranea trifolium</i> (Hentz) ♀	94
357.	(Not named)	.....	Undet. <i>Epeira</i> ? <i>Theridion</i> ? ♀	.....
358.	(Not named)	.....	<i>Acacesia foliata</i> (Hentz) ♀	93
359.	(Not named)	.....	<i>Epeira pegnia</i> Walck. ? ♂	100
360.	<i>Epeira arenata</i> n. sp.	2:133	<i>Verrucosa arenata</i> (Walck.) Im. ♂	115
361.	<i>Epeira eustala</i> n. sp.	2:37	<i>Eustala anastera</i> (Walck.) ♀	102
362.	(Not named)	.....	<i>Mangora placida</i> (Hentz) ♀	105
363.	<i>Epeira circulata</i> n. sp.	2:79	<i>Eustala anastera</i> (Walck.) ? ♂	102
364.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ? ♀	103
365.	<i>Epeira cingulata</i> n. sp.	2:40	<i>Epeira miniata</i> Walck. ♀	100
366.	<i>Epeira spatulata</i> n. sp.	2:44 T	<i>Eustala anastera</i> (Walck.) ♀	102
367.	(Not named)	.....	<i>Micrathena mitrata</i> (Hentz) ♀	106
368.	(Not named)	.....	<i>Maevia inclemens</i> (Walck.) ? ♀	202
369.	<i>Sphasus vittatus</i> n. sp.	1:378T	<i>Castianeira vittata</i> (Walck.) ♂	181
370.	<i>Attus divisus</i> n. sp.	1:443T	<i>Phlegra fasciata</i> (Hahn) ♂	213
371.	<i>Epeira apotroga</i> n. sp.	2:43 T	<i>Eustala anastera</i> (Walck.) ♀	102
372.	(Not named)	.....	<i>Eustala triflex</i> (Walck.) ? ♀	103
373.	<i>Epeira apotroga</i> n. sp.	2:43	<i>Eustala triflex</i> (Walck.) ? ♀	103
374.	(Not named)	.....	<i>Epeira pegnia</i> Walck. ♀	100
375.	<i>Epeira pegnia</i> n. sp.	2:80	<i>Epeira pegnia</i> Walck. ♀	100
376.	<i>Epeira apotroga</i> n. sp.	2:43	<i>Eustala anastera</i> (Walck.) ♀	102
377.	(Not named)	.....	<i>Theridion frondeum</i> Hentz ? ♂	51
378.	(Not named)	.....	<i>Theridion frondeum</i> Hentz ? ♀	51
379.	(Not named)	.....	Undet. <i>Theridion</i> ? ♂	.....
380.	(Not named)	.....	Undet. <i>Theridion</i> ? ♀	.....
381.	<i>Epeira anastera</i> n. sp.	2:33 T	<i>Eustala anastera</i> (Walck.) ♀	102
382.	(Not named)	.....	Undet. <i>Epeiridae</i> ? ♀	.....
383.	<i>Thomisus delphinus</i> n. sp.	1:519T	<i>Misumenops delphinus</i> (Walck.) ♀	159
384.	<i>Thomisus lemniscatus</i> n. sp.	1:525T	<i>Xysticus lemniscatus</i> (Walck.) ♀	169
385.	<i>Thomisus transversatus</i> n. sp.	1:525T	<i>Xysticus transversatus</i> (Walck.) ♀	170
386.	(Not named)	.....	<i>Eustala anastera</i> (Walck.) ♂	102
387.	(Not named)	.....	<i>Eustala anastera</i> (Walck.) ♀	102
388.	<i>Epeira mutabilis</i> n. sp.	2:73	<i>Neoscona arabesca</i> (Walck.) ? ♀	107
389.	<i>Epeira pegnia</i> n. sp.	2:80	<i>Epeira pegnia</i> Walck. ♂	100
390.	<i>Epeira decolorata</i> n. sp.	2:49	<i>Eustala triflex</i> (Walck.) ♀	103
391.	<i>Latrodectus variolus</i> n. sp.	1:648	<i>Latrodectus mactans</i> (Fabr.) ♂	43
392.	(Not named)	.....	<i>Castianeira longipalpis</i> (Hentz) ♂	181
393.	(Not named)	.....	<i>Castianeira longipalpis</i> (Hentz) ♀	181
394.	(Not named)	.....	Undet. <i>Castianeira</i> sp. ♀	.....
395.	(Not named)	.....	<i>Castianeira descripta</i> (Hentz) ♀	180
396.	<i>Latrodectus variolus</i> n. sp.	1:648	<i>Latrodectus mactans</i> (Fabr.) Im. ♂	43
397.	(Not named)	.....	Undet. <i>Theridion</i> sp. ♀	.....
398.	(Not named)	.....	Undet. <i>Philodromus</i> sp. ♀	.....
399.	(Not named)	Undet. <i>Teippus</i> ? ♀ ?
400.	<i>Philodromus abboti</i> n. sp.	1:552	<i>Philodromus abboti</i> Walck. ♀	161

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401.	<i>Clastes abboti</i> n. sp.	1:579T	<i>Peucetia abboti</i> (Walck.) ♀	134
402.	<i>Attus protervus</i> n. sp.	1:443T	<i>Metaphidippus protervus</i> (W.) ♂	204
403.	<i>Attus clandestinus</i> n. sp.	1:443T	- <i>Attus clandestinus</i> Walck. ♀	191
404.	<i>Attus scenioides</i> n. sp.	1:444T	<i>Phidippus latus</i> (Walck.) ♀	209
405.	<i>Attus Galathea</i> n. sp.	1:456B	<i>Metaphidippus galathea</i> (Walck.) ♀	203
406.	<i>Clastes viridis</i> n. sp.	2:475T	<i>Peucetia abboti</i> (Walck.) ♀	134
407.	<i>Attus investigator</i> n. sp.	1:445T	- <i>Phidippus investigator</i> (Walck.) ♂	208
408.	<i>Attus dissimulator</i> n. sp.	1:453T	- <i>Phidippus dissimulator</i> (Walck.) ♂	207
409.	<i>Attus peregrinus</i> n. sp.	1:445T	<i>Phidippus pulcher</i> (Walck.) ♂	211
410.	(Not named)	-----	<i>Phidippus pulcher</i> (Walck.) ♂	211
411.	<i>Clastes roseus</i> n. sp.	2:476T	<i>Peucetia abboti</i> (Walck.) ♀	134
412.	<i>Attus furtivus</i> n. sp.	1:453T	- <i>Attus furtivus</i> Walck. ♀	191
413.	<i>Attus inclemens</i> n. sp.	1:465T	<i>Maevia inclemens</i> (Walck.) ♀	202
414.	<i>Attus plumosus</i> n. sp.	1:455T	- <i>Attus plumosus</i> Walck. ♀ ?	193
415.	<i>Attus iris</i> n. sp.	1:455T	<i>Paraphidippus aurantius</i> (Lucas) ♀	205
416.	<i>Thomisus pardus</i> n. sp.	1:529T	<i>Misumenoides formosipes</i> (Walck.) ♀	157
417.	<i>Thomisus varians</i> n. sp.	1:504T	<i>Synema varians</i> (Walck.) ♀	163
418.	<i>Thomisus formosipes</i> n. sp.	1:504T	<i>Misumenoides formosipes</i> (Walck.) ♀ (Im. ?)	157
419.	<i>Thomisus varians</i> n. sp.	1:504	<i>Synema varians</i> (Walck.) ♀	163
420.	(Not named)	-----	Undet. <i>Synema</i> ? ♂	-----
421.	(Not named)	-----	<i>Misumenoides formosipes</i> (W.) ♀	157
422.	(Not named)	-----	<i>Misumena calycina</i> (Linn.) ♀	157
423.	(Not named)	-----	<i>Misumenops delphinus</i> (Walck.) ♀	159
424.	(Not named)	-----	Undet. <i>Misumenops</i> sp. ♂	-----
425.	(Not named)	-----	Undet. <i>Misumenops</i> ? ♀	-----
426.	<i>Thomisus pictus</i> n. sp.	1:530T	<i>Misumenoides formosipes</i> (W.) ♀	157
427.	<i>Thomisus flavescens</i> n. sp.	1:519	<i>Misumenoides formosipes</i> (W.) ♀	157
428.	<i>Thomisus flavescens</i> n. sp.	1:519T	<i>Misumenoides formosipes</i> (W.) ♀	157
429.	<i>Thomisus pictus</i> n. sp.	1:530	<i>Misumenoides formosipes</i> (W.) ♀	157
430.	<i>Thomisus Flavescens</i> n. sp.	1:519	<i>Misumenoides formosipes</i> (W.) ♀	157
431.	<i>Thomisus tumefactus</i> n. sp.	1:502T	<i>Xysticus tumefactus</i> (Walck.) ♀	170
432.	<i>Thomisus lemniscatus</i> n. sp.	1:525	<i>Xysticus lemniscatus</i> (Walck.) ♂	169
433.	<i>Thomisus fuscatus</i> n. sp.	1:553T	<i>Misumenops delphinus</i> (Walck.) ♂	159
434.	<i>Thomisus cruentatus</i> n. sp.	1:534T	- <i>Misumenops cruentatus</i> (Walck.) ♂	158
435.	<i>Thomisus stigmatisatus</i> n. sp.	1:534T	- <i>Thomisus stigmatisatus</i> Walck. ♂	165
436.	<i>Attus pulcher pallida</i> n. var.	1:439T	<i>Phidippus pulcher</i> (Walck.) ♀	211
437.	<i>Attus insidiosus</i> n. sp.	1:440	<i>Phidippus insidiosus</i> (Walck.) ♀	208
438.	<i>Attus cinereus</i> n. sp.	1:440T	- <i>Phidippus cinereus</i> (Walck.) ♀	207
439.	<i>Attus insidiosus</i> n. sp.	1:440	<i>Phidippus insidiosus</i> (Walck.) ♀	208
440.	<i>Attus insidiosus</i> n. sp.	1:440T	<i>Phidippus insidiosus</i> (Walck.) ♀	208
441.	<i>Tetragnatha sanctitata</i> n. sp.	2:214T	<i>Tetragnatha elongata</i> Walck. ♂	111
442.	<i>Attus quaternus</i> n. sp.	1:452	<i>Agassa cerulea</i> (Walck.) ♂	189
443.	<i>Attus quaternus</i> n. sp.	1:452T	- <i>Zygoballus quaternus</i> (Walck.) ♀	-----
444.	<i>Attus marginatus</i> n. sp.	1:466T	<i>Paraphidippus marginatus</i> (W.) ♂	205
445.	<i>Attus pistacius</i> n. sp.	1:468T	- <i>Attus pistacius</i> Walck. ♀	193
446.	<i>Tetragnatha violacea</i> n. sp.	2:218T	<i>Tetragnatha elongata</i> Walck. ♂	111
447.	(Not named)	-----	Undet. <i>Philodromus</i> sp. ♀	-----
448.	(Not named)	-----	Undet. <i>Philodromus</i> sp. ♀	-----
449.	(Not named)	-----	Undet. <i>Teippus</i> ? ♀ or im.	-----
450.	(Not named)	-----	Undet. <i>Philodromus</i> sp. ♀	-----
451.	<i>Tetragnatha aurata</i> n. sp.	2:215T	- <i>Tetragnatha aurata</i> Walck. ♀	110

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452. (Not named)		<i>Euryopsis limbata</i> (Walck.) ♀	12
453. (Not named)		<i>Conopistha rufa</i> (Walck.) ♀	36
454. (Not named)		<i>Cesonia bilineata</i> (Hentz) ♀	171
455. (Not named)		<i>Oxyopes salticus</i> Hentz ♀	132
456. <i>Tetragnatha aurata</i> n. sp.		2:215	- <i>Tetragnatha aurata</i> Walck. ♀	110
457. <i>Myrmecia nigra</i> Perty		1:386	Undet. <i>Clubionidae</i> ? ♀	.....
458. (Not named)		- <i>Castianeira crucigera</i> (Hentz) ♂	100
459. (Not named)		<i>Drassyllus depressus</i> (Emerton) ♀	172
460. <i>Attus infestus</i> n. sp.		1:468T	- <i>Attus infestus</i> Walck. ♀	192
461. <i>Tetragnatha fimbriata</i> n. sp.		2:213T	<i>Tetragnatha elongata</i> Walck. ♀	111
462. (Not named)		<i>Paraphidippus marginatus</i> (W.) ♂	205
463. <i>Attus protervus</i> n. sp.		1:465T	- <i>Attus protervus</i> Walck. ♂	201
464. <i>Attus inclemens</i> n. sp.		1:465	<i>Maevia inclemens</i> (Walck.) ♂	202
465. <i>Attus insidiosus</i> n. sp.		1:440	<i>Phidippus insidiosus</i> (Walck.) ? ♂	206
466. <i>Tetragnatha versicolor</i> n. sp.		2:216	<i>Tetragnatha versicolor</i> Walck. ? ♂	113
467. (Not named)		<i>Philodromus rufus</i> Walck. ♀	163
468. <i>Philodromus inquisitor</i> n. sp.		1:553T	<i>Tmarus angulatus</i> (Walck.) ♀	167
469. (Not named)		<i>Oxyopes aglossus</i> Chamberlin ♀	132
470. (Not named)		<i>Oxyopes scalaris</i> Hentz ♀	134
471. <i>Tetragnatha viridis</i> n. sp.		2:216	<i>Tetragnatha viridis</i> Walck. ♀	113
472. <i>Linyphia lemniscata</i> n. sp.		2:263	<i>Allepeira lemniscata</i> (Walck.) Im. ♂	93
473. <i>Linyphia lemniscata</i> n. sp.		2:263	<i>Allepeira lemniscata</i> (Walck.) ♀	93
474. <i>Epeira vivida</i> n. sp.		2:54 T	- <i>Epeira vivida</i> Walck. ♀	101
475. <i>Theridion ornatum</i> n. sp.		2:329T	<i>Mangora ornata</i> (Walck.) ♀	105
476. <i>Tetragnatha casula</i> n. sp.		2:219T	<i>Tetragnatha versicolor</i> Walck. ♀	113
477. (Not named)		Undet. <i>Philodromus</i> sp. ♀	.....
478. (Not named)		Undet. <i>Linyphiidae</i> ? ♀	.....
479. (Not named)		Undet. <i>Philodromus</i> sp. ♀	.....
480. (Not named)		Undet. <i>Philodromus</i> sp. ♀	.....
481. <i>Tetragnatha fimbriata</i> n. sp.		2:213	<i>Tetragnatha versicolor</i> Walck. ♀	113
482. (Not named)		Undet. <i>Epeira</i> ? ♀	.....
483. (Not named)		Undet. <i>Epeira</i> ? ♀	.....
484. <i>Epeira pegnia</i> n. sp.		2:80 T	<i>Epeira pegnia</i> Walck. ♀	100
485. (Not named)		Undet. <i>Theridion</i> ? ♀	.....
486. <i>Tetragnatha fimbriata</i> n. sp.		2:213	<i>Tetragnatha versicolor</i> Walck. ♀	113
487. (Not named)		<i>Oxyopes aglossus</i> Chamberlin ♀	132
488. (Not named)		<i>Oxyopes scalaris</i> Hentz ♂	134
489. (Not named)		<i>Oxyopes helius</i> Chamberlin ♀	132
490. (Not named)		<i>Oxyopes aglossus</i> Chamberlin ♀	132
491. <i>Tetragnatha fimbriata</i> n. sp.		2:213	<i>Tetragnatha versicolor</i> Walck. ♀	113
492. <i>Thomisus angulatus</i> n. sp.		1:537T	<i>Tmarus angulatus</i> (Walck.) ♀	167
493. <i>Thomisus angulatus</i> n. sp.		1:537	<i>Tmarus angulatus</i> (Walck.) ♀	167
494. (Not named)		Undet. <i>Anypaena</i> ? ♀ ?	.....
495. (Not named)		Undet. <i>Anypaena</i> ? ♀	.....
496. <i>Tetragnatha lacerta</i> n. sp.		2:224T	<i>Rhomphaea lacerta</i> (Walck.) ♀	45
497. <i>Theridion opulentum</i> n. sp.		2:322T	<i>Theridula opulenta</i> (Walck.) ♀	36
498. <i>Theridion partitum</i> n. sp.		2:323T	<i>Conopistha partita</i> (Walck.) ♀	38
499. <i>Epeira limbata</i> n. sp.		2:81 T	<i>Euryopsis limbata</i> (Walck.) ♀	42
500. <i>Epeira limbata</i> n. sp.		2:81	<i>Euryopsis limbata</i> (Walck.) ♀	42
501. (Phalangida)	
502. <i>Attus ictericus</i> n. sp.		1:452T	<i>Maevia inclemens</i> (Walck.) ? ♀	202
503. <i>Attus ambesas</i> n. sp.		1:452T	- <i>Attus ambesas</i> Walck. ♀	190

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504.	<i>Attus magus</i> n. sp.	1:453T	<i>Stoidis canosa</i> (Walck.) ♀	214
505.	<i>Attus vernus</i> n. sp.	1:468T	- <i>Attus vernus</i> Walck. ♀	195
506.	(Phalangida)			
507.	<i>Attus aspergatus</i> n. sp.	1:467T	<i>Maevia inclemens</i> (Walck.) ♀	202
508.	<i>Attus irroratus</i> n. sp.	1:466T	<i>Thiodina irrorata</i> (Walck.) ♀	215
509.	<i>Attus leopardus</i> n. sp.	1:457T	- <i>Attus leopardus</i> Walck. ♀	192
510.	<i>Attus ambiguus</i> n. sp.	1:467T	<i>Hentzia ambigua</i> (Walck.) ♀	201
511.	(Phalangida)			
512.	(Not named)		<i>Theridula opulenta</i> (Walck.) Im. ♂	56
513.	(Not named)		Undet. <i>Theridion</i> ? ♀	
514.	(Not named)		<i>Linyphia marginata</i> Walck. Im. ♂	
515.	(Not named)		Undet. <i>Chryso</i> ? ♀	
516.	(Phalangida)			
517.	(Not named)		Undet. <i>Epeira</i> ? ♀	
518.	(Not named)		Undet. <i>Epeira</i> ? ♀	
519.	(Not named)		Undet. <i>Theridion</i> sp. ♀	
520.	<i>Theridion incisuratum</i> n. sp.	2:307T	- <i>Theridion incisuratum</i> Walck. ♀	51
521.	(Phalangida)			
522.	(Not named)		Undet. <i>Mangora</i> ? ♀	
523.	(Not named)		Undet. <i>Theridion</i> ? ♀	
524.	(Not named)		Undet. <i>Theridion</i> sp. ♀	
525.	(Not named)		Undet. <i>Theridion</i> sp. ♀	
526.	(Phalangida)			
527.	(Not named)		Undet. <i>Castianeira</i> sp.	
528.	(Not named)		Undet. <i>Castianeira</i> ?	
529.	(Not named)		<i>Castianeira aurata</i> Emerton ? ♂	180
530.	(Not named)		<i>Castianeira aurata</i> Emerton ♀	180
531.	(Phalangida)			
532.	(Not named)		<i>Hamataliwa grisea</i> Keys. ♀	131
533.	(Not named)		Undet. <i>Oxyopes</i> ? ♀	
534.	(Not named)		<i>Sergiolus tennesseensis</i> Chamb. ♀	175
535.	(Not named)		<i>Trachelas tranquillus</i> (Hentz) ? ♀	189
536.	(Not named)		<i>Epeira pegnia</i> Walck. Im. ♂	100
537.	(Not named)		<i>Metepeira labyrinthea</i> (H.) Im. ♂	106
538.	(Not named)		<i>Metepeira labyrinthea</i> (Hentz) ♀	106
539.	(Not named)		<i>Epeira guttulata</i> Walck. ? ♀	99
540.	(Not named)		<i>Epeira miniata</i> Walck. ♀	100
541.	(Not named)		<i>Mangora gibberosa</i> (Hentz) ♀	104
542.	(Not named)		Undet. (Figure missing)	
543.	(Not named)		<i>Epeira nivea</i> Hentz ? Im. ♂	100
544.	(Not named)		<i>Latrodectus mactans</i> (Fabr.) Im. ♂	43
545.	(Not named)		Undet. <i>Epeiridae</i> ? Im. ♂	
546.	(Not named)		Undet. <i>Phidippus</i> sp. ♀	
547.	(Not named)		<i>Micrathena gracilis</i> (Walck.) Im.	106
548.	(Not named)		<i>Micrathena sagittata</i> (Walck.) Im.	107
549.	(Not named)		<i>Aysa gracilis</i> (Hentz) ♂	178
550.	(Not named)		<i>Misumenoides formosipes</i> (W.) ? ♂	157
551.	(Not named)		<i>Argiope seminola</i> n. sp. ♀	96
552.	(Not named)		Undet. <i>Epeira</i> ? ♂	
553.	(Not named)		Undet. <i>Epeira</i> ? ♀	
554.	(Not named)		Undet. <i>Theridion</i> sp. ♀	
555.	(Not named)		<i>Epeira pegnia</i> Walck. ♀	100

Abbot's No.	Walckenaer's name	H. N. Ins. Apt. Vol. and Page	Our disposition	Page
556. (Not named)		<i>Aranea raji</i> Olivier ♀	94
557. (Not named)		<i>Scytodes thoracica</i> (Latr.) ♂	33
558. (Not named)		Undet. <i>Epeira</i> ? (same as 553) ♀	
559. (Not named)		<i>Theridion differens</i> Emerton ? ♀	50
560. (Not named)		<i>Metepeira labyrinthea</i> (Hentz) ♀	106
561. (Not named)		Undet. <i>Oxyopes</i> ? ♀ or im.....	
562. (Not named)		Undet. <i>Linyphiidae</i> ? ♀	
563. (Not named)		<i>Eustala triflex</i> (Walck.) ♀	103
564. (Not named)		Undet. <i>Epeira</i> ? ♀	
565. (Not named)		<i>Mangora ornata</i> (Walck.) ? ♀	105
566. (Not named)		Undet. <i>Phidippus</i> sp. ♀	
567. (Not named)		Undet. <i>Salticidae</i> ? ♀	
568. (Not named)		Undet. <i>Salticidae</i> ♀	
569. (Not named)		<i>Oxyopes scalaris</i> Hentz ♀	134
570. (Not named)		<i>Phidippus latus</i> (Walck.) ♀	209
571. (Not named)		Undet. <i>Phidippus</i> sp. ♀	
572. (Not named)		<i>Paraphidippus marginatus</i> (W.) ♀	205
573. (Not named)		<i>Phidippus pulcher</i> (Walck.) ♂	211
574. (Not named)		<i>Paraphidippus marginatus</i> (W.) ? ♂	205
575. (Not named)		<i>Hycia bina</i> (Hentz) ♂	201
576. (Not named)		<i>Tetragnatha versicolor</i> Walck. ♂ ?	113
577. (Not named)		<i>Theridula opulenta</i> (Walck.) ♀	56
578. (Not named)		Undet. <i>Nysticus</i> sp. ♀	
579. (Not named)		Undet. <i>Castianeira</i> sp. ♀	
580. (Not named)		<i>Thiodina iniquies</i> (Walck.) ♂	216
		* * *		
5*. (Not named)		<i>Nephila clavipes</i> (Linn.) ♀	108
118*. (Not named)		<i>Aranea raji</i> Olivier ♀	94
		* * *		

CHECK LIST

The forms in the different families are here listed.

CTENIZIDAE

- Cyrtocosmia truncata* (Hentz)
Myrmekeiaphala torreyae Gertsch & Wallace
Paclytomerides audouinii (Lucas)

ATYPIDAE

- Atypus abboti* (Walckenaer)
Atypus bicolor Lucas

HYPOCHILIDAE

- Hypochilus thorelli* Marx

FILISTATIDAE

- Filistata hibernalis* Hentz

OONOPIDAE

- Oonops floridanus* (Chamberlin & Ivie)
Stenoonops minutus Chamberlin & Ivie
Orchestina saltitans Banks

SEGESTRIDAE

- Ariadna bicolor* (Hentz)

SCYTODODAE

- Scytodes thoracica* (Latreille)

LEPTONETIDAE

- Leptoneta silvicultrix* Crosby and Bishop

ULOBORIDAE

- Uloborus glomosus* (Walckenaer)
Hypitiotes cavatus (Hentz)

DINOPIIDAE

- Dinopis spinosa* Marx

PHOLCIDAE

- Pholcus phalangioides* (Fuesslin)
Psilochorus pulvulus (Hentz)

THERIDIIDAE

- Achaea index*, new species
Anelosimus tetricus (Walckenaer)
Asagena americana Emerton

- Chryso albomaculata* Cambridge
Conopistha nephilae (Tczanowski)
Conopistha rufa (Walckenaer)
Conopistha partita (Walckenaer)
Crustulina altera Gertsch and Archer
Dipoena buccalis Keyserling
Dipoena crassiventris Keyserling
Dipoena intrita Bishop and Crosby
Dipoena lascivula (Keyserling)
Dipoena nigra (Emerton)

- Dipoena quinquemaculata* (Banks)
Enoplognatha marmorata (Hentz)
Enoplognatha rugosa Emerton
Episinus truncatus Latreille
Euryopsis emertoni Bryant
Euryopsis georgiana, new species
Euryopsis inornata, new species
Euryopsis limbata (Walckenaer)

THERIDIIDAE—Continued

- Euryopsis orniceps*, new species
Latrodectus mactans (Fabricius)
Lithyphantes fulvus Keyserling
Lithyphantes tricolor, new species
Mysmena guttata (Banks)
Paidisca marxi (Crosby)
Rhomphaea lacerta (Walckenaer)
Steatoda borealis (Hentz)
Stemmops bicolor Cambridge
Teutana triangulosa (Walckenaer)
Theridion americanum Walckenaer
Theridion ansatum Walckenaer
Theridion catapetraeum Gertsch and Archer
Theridion catenatum Walckenaer
Theridion cheimatos Gertsch and Archer
Theridion chinda, new species
Theridion differens Emerton
Theridion dimachaerum Bishop and Crosby
Theridion dulcineum Gertsch and Archer
Theridion flavonotatum Becker
Theridion frondeum Hentz
Theridion glaucescens Becker
Theridion globosum Hentz
Theridion imparatum Bishop and Crosby
Theridion incisuratum Walckenaer
Theridion indianorum Gertsch and Archer
Theridion lyricum Walckenaer
Theridion pennsylvanicum Emerton
Theridion pictipes Keyserling
Theridion punctisparsum Emerton
Theridion rabuui, new species
Theridion sardis, new species
Theridion sessetosum Barrows
Theridion spirale Emerton
Theridion talmo, new species
Theridion tepidariorum C. Koch
Theridion unimaculatum Emerton
Theridion wallacei Gertsch and Archer
Theridula opulenta (Walckenaer)
Theridula quadripunctata Keyserling
Tidarren sisypoides (Walckenaer)
Tidarren minor Chamberlin and Ivie
Ulesanus americanus Emerton

MIMETIDAE

- Mimetus dissimulatus* (Walckenaer)
Mimetus puritanus Chamberlin
Ero pensacolae Ivie and Barrows

NESTICIDAE

- Nesticus pallidus* Emerton

ERIGONIDAE

- Araeoncus americanus*, new species
Ceraticelus albus (Fox)
Ceraticelus alticeps (Fox)
Ceraticelus creolus Chamberlin
Ceraticelus durus Chamberlin and Ivie
Ceraticelus lateiceps bucephalus, new subspecies
Ceraticelus limnologicus Crosby and Bishop

ERIGONIDAE—continued

Ceraticelus minutus (Emerton)
Ceraticelus paludigena Crosby and Bishop
Ceraticelus pygmaeus (Emerton)
Ceraticelus savannus, new species
Ceraticelus similis (Banks)
Ceraticelus tibialis (Fox)
Ceraticelus titivillitium Crosby and Bishop
Ceratinella brunnea Emerton
Ceratinops crenata (Emerton)
Ceratinopsis anglicana (Hentz)
Ceratinopsis bona, new species
Ceratinopsis georgiana, new species
Ceratinopsis interpres (Cambridge)
Ceratinopsis nigriceps Emerton
Ceratinopsis nigripalpus Emerton
Ceratinopsis purpurescens (Keyserling)
Ceratinopsis swanea, new species
Ceratinopsis sylvanaia, new species
Ceratinopsis tybeensis, new species
Cornicularia brevicornis Emerton
Cornicularia directa (Cambridge)
Cornicularia diziana, new species
Eperigone banksi Ivie and Barrows
Eperigone inornata Ivie and Barrows
Eperigone maculata (Banks)
Eperigone tridentata (Emerton)
Eperigone trilobata (Emerton)
Erigone autumnalis Emerton
Floricomus floricomus Crosby and Bishop
Floricomus setosus, new species
Floricomus tallulae, new species
Grammonota georgiana, new species
Grammonota maculata Banks
Grammonota sclerata Ivie and Barrows
Grammonota texana (Banks)
Masonetta floridana (Ivie and Barrows)
Origanates rostratus (Emerton)
Pelecopsis moestum (Banks)
Sciastes fuscus, new species
Sciastes ogeechee, new species
Scylaceus pallidus (Emerton)
Sisicottus atypicus, new species
Soudinus corneliae, new species
Souqambus georgiensis, new species
Walckenaera vigilax (Blackwall)

LINYPHIIDAE

Anibontes longipes, new species
Centromerus claytoni, new species
Frontinella pyramidalis (Walckenaer)
Lepthyphantes appalachia, new species
Lepthyphantes leprosa (Ohlert)
Lepthyphantes nebulosus (Sundevall)
Linyphia davisii Gertsch
Linyphia maculata Emerton
Linyphia marginata C. Koch
Linyphiella coccinea (Hentz)
Meioneta barrowsi, new species
Meioneta dactylata, new species
Meioneta decorata, new species
Meioneta formica (Emerton)
Meioneta fuscipes, new species
Meioneta imitata, new species
Meioneta leucophora, new species
Meioneta longipes, new species
Meioneta micaria (Emerton)

LINYPHIIDAE—Continued

Meioneta minorata, new species
Meioneta olivena (Barrows)
Meioneta picta, new species
Meioneta regina, new species
Meioneta semipallida, new species
Meioneta unimaculata (Banks)
Meioneta zebrina, new species
Meioneta zygia (Keyserling)
Microneta latidens Emerton
Tapinopa bilineata Banks

EPEIRIDAE

Acacesia foliata (Hentz)
Allepeira lemniscata (Walckenaer)
Aranea raji Scopoli
Aranea trifolium (Hentz)
Araniella displicata (Hentz)
Argiope aurantia Lucas
Argiope florida, new species
Argiope seminola, new species
Argiope trifasciata (Forsk.)
Cyclosa caroli (Hentz)
Cyclosa turbinata (Walckenaer)
Drexelia directa (Hentz)
Epeira bivittata Walckenaer
Epeira foliosa Walckenaer
Epeira fulva Walckenaer
Epeira guttulata Walckenaer
Epeira juniperi Emerton
Epeira miniata Walckenaer
Epeira nivea Hentz
Epeira pegnia Walckenaer
Epeira phrygiata Walckenaer
Epeira subfusca Walckenaer
Epeira thaddeus Hentz
Epeira vivida Walckenaer
Eustala anastera (Walckenaer)
Eustala cepina (Walckenaer)
Eustala triflex (Walckenaer)
Gasteracantha elipsoides (Walckenaer)
Gea ergaster (Walckenaer)
Leucauge venusta (Walckenaer)
Mangora gibberosa (Hentz)
Mangora ornata (Walckenaer)
Mangora placida (Hentz)
Marxia stellata (Walckenaer)
Metepeira labyrinthica (Hentz)
Micrathena gracilis (Walckenaer)
Micrathena mitrata (Hentz)
Micrathena sagittata (Walckenaer)
Mimognatha fovi (McCook)
Neoscona arabesca (Walckenaer)
Neoscona domiciliorum (Hentz)
Neoscona sacra (Walckenaer)
Nephila clavipes (Linnaeus)
Pachygnatha autumnalis Keyserling
Pachygnatha tristriata C. Koch
Scoloderus tuberculifer (Cambridge)
Singa calix (Walckenaer)
Singa tusa (Petrunkevitch)
Singa variabilis Emerton
Tetragnatha aurata Walckenaer
Tetragnatha caudata Emerton
Tetragnatha elongata Walckenaer
Tetragnatha laboriosa Hentz
Tetragnatha limnocharis Seely

EPEIRIDAE—continued

- Tetragnatha lutea* Walckenaer
Tetragnatha pallescens F. Cambridge
Tetragnatha versicolor Walckenaer
Tetragnatha viridis Walckenaer
Theridiosoma argentatum Keyserling
Theridiosoma radiosum (McCook)
Theridiosoma savannum, new species
Verrucosa arenata (Walckenaer)
Wagneriana tauricornis (Cambridge)
Wizia anaglyphe (Walckenaer)

UROCTEIDAE

- Oreobius parietalis* (Hentz)
Platoerobius floridanus (Banks)

ZODARIIDAE

- Storena americana* (Marx)

DICTYNIDAE

- Dictyna bicornis* Emerton
Dictyna bostoniensis Emerton
Dictyna demores, new species
Dictyna formidolosa Gertsch and Ivie
Dictyna frondea Emerton
Dictyna gloria, new species
Dictyna micro, new species
Dictyna querida, new species
Dictyna rosida (Hentz)
Dictyna savanna, new species
Dictyna sublata (Hentz)
Dictyna suwaneae Gertsch
Dictyna sylvatica, new species
Dictyna toccoa, new species
Dictyna volucripes Keyserling
Lathys dixiana Ivie and Barrows
Lathys foxii (Marx)
Lathys pinea, new species
Scotolathys alba, new species
Scotolathys maculata (Banks)
Scotolathys maculata immaculata, new subspecies
Titanoeca brunnea Emerton

AGELENIDAE

- Agelenopsis barrowsi* (Gertsch)
Agelenopsis emertoni Chamberlin and Ivie
Agelenopsis kastoni Chamberlin and Ivie
Agelenopsis naevia (Walckenaer)
Agelenopsis texana (Gertsch)
Calymmaria montavencis (Bishop and Crosby)
Cicurina arcuata Keyserling
Coras medicinalis (Hentz)
Coras taugynus Chamberlin
Tegenaria arboricole Walckenaer
Wadotes bimacronatus (Simon)
Wadotes calcaratus (Keyserling)
Wadotes dixiensis Chamberlin
Wadotes hybridus (Emerton)

HAHNIIDAE

- Hahnia cinerea seminola* Gertsch
Hahnia okefinokensis Chamberlin and Ivie
Neoantistea agilis (Keyserling)

OXYOPIIDAE

- Hamataliwa grisea* Keyserling
Oxyopes aglossus Chamberlin
Oxyopes arcuatus (Walckenaer)
Oxyopes helius Chamberlin
Oxyopes lanceolatus (Walckenaer)
Oxyopes salticus Hentz
Oxyopes scalaris Hentz
Peucetia abbotti (Walckenaer)

PISAUROIDAE

- Dolomedes albiclavius* Hentz
Dolomedes albineus Hentz
Dolomedes okefinokensis Bishop
Dolomedes sexpunctatus Hentz
Dolomedes suspectus (Walckenaer)
Dolomedes tenebrosus Hentz
Dolomedes triton (Walckenaer)
Dolomedes urinator Hentz
Dolomedes vittatus Walckenaer
Pelopatis undulata (Keyserling)
Pisaurina mira (Walckenaer)
Teippus encarpatus (Walckenaer)
Teippus pinicola (Hentz)
Teippus praeceps (Walckenaer)
Thanatidius americanus (Walckenaer)

LYCOSIDAE

- Arctosa funerea* (Hentz)
Arctosa furtiva Gertsch
Arctosa littoralis (Hentz)
Geolycosa fatifera (Hentz)
Geolycosa micanopy Wallace
Geolycosa ornatipes (Bryant)
Geolycosa pikei (Marx)
Geolycosa rogersi Wallace
Geolycosa turricola Treat
Lycosa acompa Chamberlin
Lycosa annexa, new species
Lycosa aspera Hentz
Lycosa bellamyi Gertsch and Wallace
Lycosa carolinensis Walckenaer
Lycosa georgicola Walckenaer
Lycosa gulosa Walckenaer
Lycosa helluo Walckenaer
Lycosa hentzi Banks
Lycosa huberti Chamberlin
Lycosa impavida Walckenaer
Lycosa infesta Walckenaer
Lycosa philadelphiana Walckenaer
Lycosa pulchra (Keyserling)
Lycosa punctulata Hentz
Lycosa rabida Walckenaer
Lycosa wallacei, new species
Lycosa watsoni Gertsch
Pardosa atlantica Emerton
Pardosa floridana Banks
Pardosa georgiae, new species
Pardosa milvina Hentz
Pardosa saxatilis (Hentz)
Pirata arenicola Emerton
Pirata gertschi, new species
Pirata insularis Emerton
Pirata nanatus Gertsch
Pirata piraticus (Oliver)
Pirata suwaneus Gertsch
Pirata sylvanus, new species

I. YCOSIDAE—continued

Schizocosa avida (Walckenaer)
Schizocosa bilineata (Emerton)
Schizocosa crassipes (Walckenaer)
Schizocosa duplex Chamberlin
Schizocosa episima (Chamberlin)
Schizocosa floridana Bryant
Schizocosa ocreata (Hentz)
Schizocosa retrorsa (Banks)
Schizocosa saltatrix (Hentz)
Sosippus floridanus Simon
Trabea aurantiaca (Emerton)
Trochosa avara Keyserling

CTENIDAE

Anahita animosa (Walckenaer)
Zora pumila (Hentz)

SPARASSIDAE

Heteropoda venatoria (Linnaeus)

THOMISIDAE

Coriarachne lenta (Walckenaer)
Ebo oblongus Simon
Misumena calycina (Linnaeus)
Misumenoides formosipes (Walckenaer)
Misumenops asperatus (Hentz)
Misumenops cruentatus (Walckenaer)
Misumenops delphinus (Walckenaer)
Misumenops desidiosus (Walckenaer)
Misumenops iners (Walckenaer)
Misumenops oblongus (Keyserling)
Ozyptila conspurcata Thorell
Ozyptila infumata (Walckenaer)
Ozyptila modesta (Scheffer)
Ozyptila monroensis Keyserling
Ozyptila okefinokensis Gertsch
Philodromus abboti Walckenaer
Philodromus barrowsi Gertsch
Philodromus exilis Banks
Philodromus imbecillus Keyserling
Philodromus laticeps Keyserling
Philodromus lutulentus Gertsch
Philodromus mediocris Gertsch
Philodromus robustus Emerton
Philodromus rufus Walckenaer
Synema varians (Walckenaer)
Thanatus lycosoides Emerton
Thanatus rubicundus Keyserling
Thomisus bicolor Walckenaer
Thomisus conspergatus (Walckenaer)
Thomisus oscitans Walckenaer
Thomisus purpuratus Walckenaer
Thomisus stigmatisatus Walckenaer
Thomisus turgidus Walckenaer
Tibellus duttoni (Hentz)
Tibellus oblongus (Walckenaer)
Tmarus angulatus (Walckenaer)
Tmarus floridensis Keyserling
Tmarus minutus Banks
Tmarus rubromaculatus Keyserling
Xysticus elegans Keyserling
Xysticus emertoni Keyserling
Xysticus fraternus Banks
Xysticus gulosus Keyserling
Xysticus indiligens (Walckenaer)

THOMISIDAE—Continued

Xysticus laticeps Bryant
Xysticus lemniscatus (Walckenaer)
Xysticus sphericus (Walckenaer)
Xysticus texanus Banks
Xysticus transversatus (Walckenaer)
Xysticus triguttatus Keyserling
Xysticus tumefactus (Walckenaer)
Xysticus variabilis Keyserling

GNAPHOSIDAE

Callilepis imbecilla (Keyserling)
Ceconia bilineata (Hentz)
Cylphosa sericata (L. Koch)
Drassyllus dixinus Chamberlin
Drassyllus depressus Emerton
Drassyllus ellipes Chamberlin and Gertsch
Drassyllus frigidus (Banks)
Drassyllus ostegae Chamberlin
Geodrassus auriculoides (Barrows)
Haplodrassus signifer (C. Koch)
Herpyllus cratus Chamberlin
Herpyllus vasifer (Walckenaer)
Litopyllus liber Chamberlin and Gertsch
Litopyllus paludis Chamberlin and Gertsch
Poecilochroa montana Emerton
Sergiolus capulatus (Walckenaer)
Sergiolus cyaneiventris Simon
Sergiolus ocellatus (Walckenaer)
Sergiolus tennesseensis Chamberlin
Sergiolus tribolus Chamberlin
Zelotes limnophilus Chamberlin
Zelotes paludis Chamberlin
Zelotes subterraneus (C. Koch)
Zelotes sylvanus, new species

ANYPHAENIDAE

Anyphaena fragilis Banks
Anyphaena fraterna (Banks)
Anyphaena laticeps Bryant
Anyphaena maculata (Banks)
Anyphaena pectorosa L. Koch
Anyphaenella albens (Hentz)
Anyphaenella saltabunda (Hentz)
Ayscha gracilis (Hentz)

CLUBIONIDAE

Agroeca kastoni, new species
Agroeca pratensis Emerton
Castianeira aurata (Hentz)
Castianeira cingulata (C. Koch)
Castianeira crucigera (Hentz)
Castianeira descripta (Hentz)
Castianeira longipalpus (Hentz)
Castianeira trilineata (Hentz)
Castianeira vittata (Walckenaer)
Cheiracanthium inclusum (Hentz)
Clubiona abboti L. Koch
Clubiona alachua Gertsch
Clubiona catazba Gertsch
Clubiona hilltonia, new species
Clubiona pallens Hentz
Clubiona plumbi Gertsch
Clubiona sereveni, new species
Clubiona tibialis Emerton
Marcellina piscatoria (Hentz)

CLUBIONIDAE—continued

- Neriola decepta floridana* Chamberlin
and Ivie
Micaria delicatula Bryant
Micaria punctata Banks
Phrurolithus absurdus Gertsch
Phrurolithus emertoni Gertsch
Phrurolithus formica Banks
Phrurolithus pinturus Ivie and Barrows
Phrurolithus redemptus Gertsch
Phrurolithus singulus Gertsch
Phrurotimpus alarius (Hentz)
Phrurotimpus annulatus, new species
Phrurotimpus illudens Gertsch
Phrurotimpus paludivagus (Bishop and
Crosby)
Phrurotimpus palustris (Banks)
Phrurotimpus subtropicus Ivie and Barrows
Phrurotimpus umbratilis (Bishop and
Crosby)
Trachelus tranquillus (Hentz)

SALTICIDAE

- Agassa cerulea* (Walckenaer)
Attus amebas Walckenaer
Attus attentus Walckenaer
Attus caneroides Walckenaer
Attus clandestinus Walckenaer
Attus explorator Walckenaer
Attus furtivus Walckenaer
Attus infestus Walckenaer
Attus leopardus Walckenaer
Attus multivagus Walckenaer
Attus pistacius Walckenaer
Attus plumosus Walckenaer
Attus protervus Walckenaer
Attus scrutator Walckenaer
Attus smaragdinus Walckenaer
Attus subflavus Walckenaer
Attus vernus Walckenaer
Corythalia delicatula Gertsch and Mulaik
Fuentes lineata (C. Koch)
Habrocestum acerbum Peckham
Habrocestum bufoides, new species
Habrocestum pulex (Hentz)
Habronattus agilis (Banks)
Habronattus calcaratus (Banks)
Habronattus carolinensis (Peckham)
Habronattus coronatus (Hentz)
Habronattus decorus (Blackwall)
Habronattus elegans georgiensis, new
subspecies
Habronattus sabulosus (Peckham)
Habronattus tachypodus, new species

SALTICIDAE—Continued

- Habronattus viridipes* (Hentz)
Hentzia ambigua (Walckenaer)
Hentzia mitrata (Hentz)
Hycia bina (Hentz)
Hycia pikei Peckham
Maevia inclemens (Walckenaer)
Marpissa undata (De Geer)
Metacyrba taeniola (Hentz)
Metaphidippus canadensis (Banks)
Metaphidippus galathea (Walckenaer)
Metaphidippus protervus (Walckenaer)
Myrmarachne albocinctus (C. Koch)
Neon nellii Peckham
Neonella vinnula Gertsch
Peckhamia caliginosa (Walckenaer)
Paraphidippus aurantius (Lucas)
Paraphidippus marginatus (Walckenaer)
Phidippus abbotti, new species
Phidippus audax (Hentz)
Phidippus cardinalis (Hentz)
Phidippus cinereus (Walckenaer)
Phidippus disimulator (Walckenaer)
Phidippus excubitor (Walckenaer)
Phidippus fraudulentus (Walckenaer)
Phidippus hirsutus Barrows
Phidippus insidiosus (Walckenaer)
Phidippus investigator (Walckenaer)
Phidippus latus (Walckenaer)
Phidippus miniatus (Peckham)
Phidippus morsitans (Walckenaer)
Phidippus obscurus Peckham
Phidippus pileatus (Walckenaer)
Phidippus pilosus (Walckenaer)
Phidippus pulcher (Walckenaer)
Phidippus purpurarius (Walckenaer)
Phidippus rimator (Walckenaer)
Phidippus sagax (Walckenaer)
Phidippus tridentiger (Walckenaer)
Phlegra fasciata (Hahn)
Plexippus paykulli (Audouin)
Sitticus floridanus Gertsch and Mulaik
Sitticus magnus, new species
Stoidis canosa (Walckenaer)
Synemosyna lunata (Walckenaer)
Thiodina irrorata (Walckenaer)
Thiodina iniquies (Walckenaer)
Zygoballus bettini Peckham
Zygoballus nervosus (Peckham)
Zygoballus quaternus (Walckenaer)
Zygoballus secpunctatus (Hentz)

LYSSOMANIDAE

- Lyssomanes viridis* (Walckenaer)

SYSTEMATIC SUMMARY

In the following tabulation is shown the numerical distribution of the genera and species among the different families:

Family	Genera	Certain Species	Uncertain Species	New Species
Ctenizidae	3	3	0	0
Atypidae	1	2	0	0
Hypochilidae	1	1	0	0
Filistatidae	1	1	0	0
Oonopidae	3	3	0	0
Segestriidae	1	1	0	0
Leptonetidae	1	1	0	0
Scytodidae	1	1	0	0
Uloboridae	2	2	0	0
Dinopidae	1	1	0	0
Pholcidae	2	2	0	0
Theridiidae	22	60	4	9
Mimetidae	2	3	0	0
Nesticidae	1	1	0	0
Erigonidae	19	52	0	17
Linyphiidae	9	29	0	15
Epeiridae	27	56	8	3
Urocteidae	2	2	0	0
Zodariidae	1	1	0	0
Dictynidae	4	22	0	10
Agelenidae	6	13	1	0
Hahniidae	2	3	0	0
Oxyopidae	3	7	1	0
Pisauridae	5	14	1	0
Lycosidae	9	49	2	5
Ctenidae	2	2	0	0
Sparassidae	1	1	0	0
Thomisidae	13	41	12	1
Gnaphosidae	11	24	0	0
Anypheidae	3	8	0	4
Clubionidae	10	35	1	5
Salticidae	25	55	25	0
Lyssomanidae	1	1	0	0
	<hr/> 172	<hr/> 497	<hr/> 55	<hr/> 69

Annotated Catalogue

CTENIZIDAE

Genus *CYCLOCOSMIA* Ausserer, 1871

Cyclocosmia truncata (Hentz)

Mygale truncata Hentz, 1841, *J. Boston Soc. Nat. Hist.*, 4:55; *7:1.

Cyclocosmia truncata, Gertsch and Wallace, 1936, *Amer. Mus. Nov.*, 884:6; *1, 2, 6-11.

RECORD:

84.30 ♀s Florida: Liberty and Gadsen Counties; 1933-1936; H. K. Wallace and R. E. Bellamy. (Gertsch and Wallace, 1936). Specimens in the collections of H. K. Wallace, American Museum, and University of Utah.

This species lives in trap-door burrows on the steep sides of shady ravines.

Genus *MYRMEKIAPHILA* Atkinson, 1886

Myrmekiaphila torreya Gertsch and Wallace

Myrmekiaphila torreya Gertsch and Wallace, 1936, *Amer. Mus. Nov.*, 884:15; *5, 15, 17-25.

RECORD:

84.30 ♂ 22 ♀ Florida: Torreya Ravine; April 10, 1935; H. K. Wallace. (Gertsch and Wallace, 1936). Types.

This species lives in trap-door burrows in sandy soil on the sides of shady ravines.

Genus *PACHYLOMERIDES* Strand, 1934

Pachylomerides audouinii (Lucas)

Pachylosceles audouinii Lucas, 1836, *Magazin de Zool.*, 8:5.

Sphodros audouinii, Walckenaer, 1841, *Hist. Nat. Ins. Apts.*, 2:436.

Pachylomerus audouinii, Gertsch and Wallace, 1936, *Amer. Mus. Nov.*, 884:14; *3, 14.

RECORD:

84.30 ♀s Florida: Gadsen County; H. K. Wallace. (Gertsch and Wallace, 1936).

This species is found in trap-door burrows in the sides of shady ravines.

ATYPIDAE

Genus *ATYPUS* Latreille, 1804

Atypus abbotii (Walckenaer)

"Purse Web Spider," Abbot, 1792, *Spiders of Georgia*, *36. MSS.

Sphodros abbotii Walckenaer, 1837, *Hist. Nat. Ins. Apts.*, 1:247. (*36, type.)

Atypus abbotii, McCook, 1888, *Proc. Acad. Phila.*, 203-220; figs.

Atypus, abboti, Comstock, 1912, *Spider Book*, 253; *255.

Atypus abboti, Gertsch, 1936, *Amer. Mus. Nov.*, 895:9; *1-6, 11-12, 15-23.

RECORDS:

- 81.32 ♀ *Georgia*: "Burke County"; March; J. Abbot. (Walckenaer, 1837).
 82.30 *Florida*: Lake City. (Comstock, 1912).
 84.30 ♀ *Florida*: Quincy; November 28, 1934; H. K. Wallace (Gertsch, 1936).
 " ♀ *Florida*: Leon County; April 16, 1936; James Rogers and H. K. Wallace. (Gertsch, 1936).

This species lives in long cylindrical webs attached to the lower part of tree trunks and extending into the ground. They tend to occur in colonies.

Atypus bicolor Lucas

Atypus bicolor Lucas, 1836, *Ann. Soc. Ent. France*, 5 : 213; *5 : 5.

Atypus bicolor, Gertsch, 1936, *Amer. Mus. Nov.*, 895 : 13; *7, 13, 24, 25, *28, 29.

RECORD:

- 84.30 ♀ *Florida*: Gadsden County; July 7, 1934; R. E. Bellamy. (Gertsch, 1936). Allotype.

The female lives in a web similar to that of *abboti*; the males are found wandering in the open.

HYPOCHILIDAE

Genus HYPOCHILUS Marx, 1888

Hypochilus thorelli Marx

Hypochilus thorelli Marx, 1888, *Entom. Amer.*, 4 : 160.

Hypochilus thorelli, Simon, 1892, *Hist. Nat. Araignees*, 1 : 204; *147, 150.

Hypochilus thorelli, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 169.

RECORDS:

- 83.34 Imm. *Georgia*: Tallulah Falls; August, 1910; R. V. Chamberlin.
 " *Georgia*: Tallulah Falls. (Comstock, 1912).
 " 4 ♀ *Georgia*: Tallulah Falls; July 20, 1909; Bradley. (Bishop and Crosby, 1926).
 " ♂ *Georgia*: Tallulah Falls; August, 1867; L. M. Underwood. (Bishop and Crosby, 1926).

FILISTATIDAE

Genus FILISTATA Latreille, 1810

Filistata hibernalis Hentz

Filistata hibernalis Hentz, 1842, *J. Boston Soc. Nat. Hist.*, 4 : 227; *8 : 6.

Filistata capitata Hentz, *Ibid.*, 228; *8 : 7.

Filistata hibernalis, Emerton, 1875, In *Hentz*, *Spiders U. S.*, 23.

Filistata hibernalis, Comstock, 1912, *Spider Book*, 291; *276-286.

RECORDS:

- 81.33 Imm. *Georgia*: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 81.30 *Florida*: Mayport and Fernandina. (Emerton, 1875).
 82.30 ♂ ♀ *Georgia*: Okefenokee Swamp.

This species builds its webs about buildings, under bridges, etc.

OONOPIDAE

Genus OONOPS Templeton, 1834

Oonops floridanus (Chamberlin and Ivie)*Oonopinus floridanus* Chamberlin and Ivie, 1935, *Bull. Univ. Utah*, (Biol.)2(8):9; *8, 9.

RECORD:

81.32 3 ♀, Imm. Georgia: 3 mi. S.E. Savannah; April 4 and 14, 1943; W. Ivie.

This little spider lives on the ground, under dry leaves.

Genus STENONOPS Simon, 1891

Stenoonops minutus Chamberlin and Ivie*Stenoonops minutus* Chamberlin and Ivie, 1935, *Bull. Univ. Utah*, (Biol.)2(8):8; *1, 2, 14.

RECORD:

81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April, 1943; W. Ivie.

Lives under dry leaves in open woods.

Genus ORCHESTINA Simon, 1882

Orchestina saltitans Banks*Orchestina saltitans* Banks, 1894, *Ent. News*, 5:300.*Orchestina saltitans*, Comstock, 1912, *Spider Book*, 302; *290.

RECORD:

83.34 Georgia: Gainesville. (B. J. Kaston Collection).

This tiny species is found in houses. When touched, it jumps backward.

SEGESTRIIDAE

Genus ARIADNA Audouin, 1825

Ariadna bicolor (Hentz)*Pylarus bicolor* Hentz, 1842, *J. Boston Soc. Nat. Hist.*, 4:225; *8:3, 4.*Pylarus bicolor*, Emerton, 1875, In *Hentz, Spiders U. S.*, 22.*Ariadna bicolor*, Emerton, 1889, *Trans. Conn. Acad. Sci.*, 8:201; *8:3.

RECORDS:

80.34 Im. South Carolina: Bethune; June 10, 1935; W. Ivie.

81.33 Im. South Carolina: Monetta; June 11, 1935; W. Ivie.

81.32 Im. Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.

81.30 Florida: Mayport. (Emerton, 1875).

83.34 4 ♀ Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie.

SCYTODIDAE

Genus SCYTODES Latreille, 1804

Scytodes thoracica (Latreille)Abbot, 1792, *Spiders of Georgia*, *557. MSS.*Aranea thoracica* Latreille, 1804, *Nouv. Dict. d'Hist. Nat.*, 24:134.*Scytodes thoracica*, Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1:270; *11:3.

RECORDS:

81.32 ♂ Georgia: "Burke County"; April 5; John Abbot.

83.34 ♀ Georgia: Gainesville; April 25, 1943; W. Ivie.

Usually found in houses.

LEPTONETIDAE

Genus LEPTONETA Simon, 1872

Leptoneta silvicultrix Crosby and Bishop

Leptoneta silvicultrix Crosby and Bishop, 1925, *Ent. News.* 36 : 142; *1.

RECORDS:

83.34 Im. Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

" Im. Georgia: S.E. Toccoa; April 29, 1943; W. Ivie.

Found under dead leaves on the ground. Presumed to be *silvicultrix*.

ULOBORIDAE

Uloborus glomosus (Walckenaer)

Abbot, 1792, *Spiders of Georgia*, *77 (type), 78, 282, 283, 284. MSS.

Epeira glomosa Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 143.

Phillyra mammeata Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 25; *3 : 16.

Phillyra riparia Hentz, *Ibid.*, 26; *3 : 17.

Uloborus plumipes Lucas, Emerton, 1888, *Trans. Conn. Acad. Sci.*, 7 : 454; *11 : 1.

Uloborus americanus, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 98. (Not *Uloborus Americanus* Walckenaer, 1837.)

RECORDS:

80.32 2 imm. Georgia: Savannah Beach; May 4, 1943; W. Ivie.

81.32 ♀ s Georgia: "Burke County"; June 11, etc.; J. Abbot.
(Walckenaer, 1841).

" ♂ ♀ Georgai: Millen; April 16, 1943; W. Ivie.

" ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943;
W. Ivie.

" Imm. Georgia: Vicinity Sylvania; April, 1943; W. Ivie.

82.31 2 imm. Georgia: 20 mi. S.E. Wayeross; June 11, 1935; W. Ivie.

82.30 3 ♂ 4 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933;
W. Ivie.

83.34 Imm. Georgia: N.W. Pendergrass; Tallulah Falls; Clarkesville;
Gainesville; Clayton; April 23-28, 1943; W.
Ivie.

84.30 ♂ 2 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

This species lives in horizontal orb webs in hollow trunks of trees, among rocks, and about buildings and bridges.

Genus **HYPTIOTES** Walckenaer, 1833**Hyptiotes cavatus** (Hentz)

Abbot, 1792, Spiders of Georgia, *29. MSS.

Cylopodia cavata Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5:466; *30:3.

Hyptiotes cavatus, Emerton, 1888, *Trans. Conn. Acad. Sci.*, 7:456; *11:2.

RECORDS:

81.32 ♀ Georgia: "Burke County"; September 14; John Abbot.

82.31 Im. Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.

82.30 Im. Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.

This spider lives in triangular webs, usually on the dead branches of trees.

DINOPIDAE

Genus **DINOPIS** MacLeay, 1839**Dinopis spinosa** Marx

Dinopis spinosa Marx, 1889, *Proc. Acad. Phila.*, 341; *6:—.

RECORD:

81.32 2 imm. Georgia: 3 mi. S.E. Savannah; April 4 and May 3, 1943; W. Ivie.

PHOLCIDAE

Genus **PHOLCUS** Walckenaer, 1805**Pholcus phalangioides** (Fuesslin)

Aranea phalangioides Fuesslin, 1775, *Verz. Schweiss. Ins.* 61.

Pholcus phalangioides, Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:30; *6:2.

RECORDS:

83.34 ---- Georgia: Gainesville; B. J. Kaston. (B. J. Kaston Collection).

84.32 ♀ Georgia: Fort Benning; October 2, 1943; D. E. Beck.

This species occurs in buildings, constructing its webs in corners.

Genus **PSILOCHORUS** Simon, 1893**Psilochorus pullulus** (Hentz)

Theridion pullulum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6:282; *10:5.

Psilochorus pullulus, Simon, 1893, *Hist. Nat. Araignees*, 1:482; *474, 475.

RECORDS:

80.32 4 ♂ 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

82.34 2 ♀ Georgia: N.W. Elberton; April 30, 1943; W. Ivie.

83.34 2 ♂ 4 ♀ Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie.

Found under rocks in open areas, and under trash in woods.

THERIDIIDAE

Genus ACHAEA Cambridge, 1882

Achaea index Chamberlin and Ivie, new species

Figs. 87, 105

RECORDS:

81.32 ♀, 3 imm. Georgia: 3 mi. S.E. Savannah; April 4 and 8, 1943;
W. Ivie.

“ ♀, Im. ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943;
W. Ivie. Types.

♀. *Color*: Carapace, mouthparts, sternum and palpi dark brownish black. Legs entirely pale yellowish, except for a black streak on the anterior side of the coxa, trochanter and base of femur of leg I. Abdomen entirely black. Spinnerets and epigynum dark blackish brown.

Structure: Size small. Carapace moderately low, longer than wide, narrowed in front, without cervical grooves or indentations. Height of clypeus about five diameters of an a. m. eye; clypeus somewhat protruding. Eyes all small, about equal. Anterior eye row slightly procurved; a. m. eyes about a diameter apart, closer to the side eyes. Posterior row straight; eyes equidistant, about one and a half diameters apart. Median ocular area a little wider than long, slightly wider behind than in front. Chelicerae slender, vertical, straight. Sternum large, shield-shaped, rounded at posterior tip; hind coxae separated by about a diameter of one of them. Abdomen large, with a conical projection at the posterior end, above. (An immature male has the abdominal projection much shorter.)

Measurements:

	♂ Holotype	
	Mm.	Ratio
Length	2.20	300
Carapace:		
Length .....	.73	100
Width .....	.54	74
Tibia-patella:		
I .....	.93	127
IV .....	.83	114

TYPE LOCALITY: W 81° 35' ; N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♀ holotype, immature ♂ paratype; W. Ivie collector.

OTHER LOCALITIES:

- 80.25 ♀ Florida: 20 mi. West of Miami; August 24, 1933; W. Ivie.
82.29 Im. Florida: W. side Newnan Lake; February 12, 1942; W. Ivie.
“ Im. Florida: Gainesville; February 13, 1942; W. Ivie.

This species is very similar to *Achaea acutiventer* Keyserling, described from Peru, but differs in the form of the epigynum.

Genus ANELOSIMUS Simon, 1891

Anelosimus textrix (Walckenaer)

Abbot, 1792, Spiders of Georgia, *134. MSS.

Linyphia textrix Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 281.

Theridion studiosum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 275; *9 : 5.

Theridion studiosum, Keyserling, 1884, Spin. Amer., Ther., 1 : 20; *1 : 7.

Theridion studiosum, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 183.

RECORDS:

81.32 ♀ Georgia: "Burke County"; June 6; J. Abbot. (Walckenaer, 1841).

" Im. Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.

" 2 imm. Georgia: East of Sylvania; April 17, 1943; W. Ivie.

82.30 2 ♂ 8 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).

..... South Carolina. (Hentz, 1850).

..... Georgia. (Petrunkevitch, 1911).

Genus ASAGENA Sundevall, 1833

Asagena americana Emerton

Asagena americana Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 23; *4 : 6.

RECORD:

83.34 Im. Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Genus CHRYSO O. P. Cambridge, 1882

Chryso albomaculata Cambridge

Abbot, 1792, Spiders of Georgia, *254. MSS.

Chryso albomaculata Cambridge, 1882, *Proc. Zool. Soc. London*, 429; *30 : 6.

Chryso albomaculata, Keyserling, 1884, Spin. Amer., Ther., 1 : 152; *7 : 94.

Theridion albomaculatum, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 181.

RECORDS:

81.32 ♀ Georgia: "Burke County"; July 10; John Abbot.

" 2 ♀ Georgia: Thunderbolt; June 26, 1912; C. R. Crosby. (Bishop and Crosby, 1926).

82.30 2 ♂ 3 ♀ Georgia: Billy's Island, Okefenokee Swamp; June 18, 1912; C. R. Crosby. (Bishop and Crosby, 1926).

..... Georgia. (Keyserling, 1884).

Genus CONOPISTHA Karsch, 1881

Conopistha nephilae (Taczanowski)

"Silver Spider", Abbot, 1792, Spiders of Georgia, *99, 100. MSS.

Linyphia argyrodes Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 282 (in part).

Argyrodes nephilae Taczanowski, 1872, *Horae Soc. Ent. Ross.*, 9 : 51.

Argyrodes nephilae, Keyserling, 1884, Spin. Amer., Ther., 1 : 184; *8 : 110.

Argyrodes nephilae, Comstock, 1912, Spider Book, 340; *330, 331.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; September 4; John Abbot.
(Walckenaer, 1841).
- " ♂, im. Georgia: West of Sylvania; April 11, 1943; W. Ivie.
- " 2 imm. Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
- 82.33 ♀ Georgia: Wrens; August 22, 1933; W. Ivie.
- 84.30 3 ♂ 3 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.
- Georgia. Simon Collection. (Keyserling, 1884).

Conopistha rufa (Walckenaer)

Abbot, 1792, Spiders of Georgia, *97, 98 (type), 453. MSS.

Linyphia rufa Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:284.

Theridion trigonum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6:280; *9:24, 25.

Argyrodes trigonum, Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:23; *5:1.

RECORDS:

- 81.33 2 ♂ 4 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
- 81.32 4 ♂ 4 ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.
- 83.32 2 ♂ ♀ Georgia: North of Macon; June 16, 1935; W. Ivie.
- 83.31 2 ♂ 2 ♀ Georgia: 16 mi. So. Cordele; June 16, 1935; W. Ivie.
- 84.30 3 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

Concerning figure 98, Abbot notes: "Taken 7th September on an oak in an irregular web, in the oak woods of Burke County. The abdomen is shaped like the Silver Spider, forming a sharp point or angle in the middle underneath, it is the only one I have seen." The figure shows the tip of the abdomen bifurcate. This spider was found in large numbers under bridges, where its webs were intermingled with those of other spiders.

Conopistha partita (Walckenaer)

Abbot, 1792, Spiders of Georgia, *498. MSS.

Theridion partitum Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:323.

Theridion cancellatum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6:278; *9:17, 18.

Argyrodes cancellatus, Emerton, 1909, *Trans. Conn. Acad. Sci.*, 14:184; *1:10.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; June 22; J. Abbot. (Walckenaer, 1841).
- " Im. Georgia: North of Sylvania; April 10, 1943; W. Ivie.
- " 2 imm. Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.
- 83.33 2 imm. Georgia: East of Lexington; April 22, 1943; W. Ivie.
- 84.30 3 ♂ Florida: Tallahassee; August 27, 1943; W. Ivie.

"Taken 22nd June in an irregular web, on a small pine tree in the oak woods of Burke County. Beneath the abdomen is dark brown and red, and angulated like the Silver Spider, but not quite so much." (Abbot).

Genus CRUSTULINA Menge, 1868

Crustulina altera Gertsch and Archer

Steatoda guttata (Wider), Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:20; *4:2-2b.
Crustulina altera Gertsch and Archer, 1942, *Amer. Mus. Nov.*, 1171:1; *9.

RECORDS:

- 81.32 3 ♂ 3 ♀ Georgia: 5 mi. No. Savannah; April 4, 1943; W. Ivie.
 " ♂ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 83.34 2 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie.
 " 2 ♂ 3 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.
 " ♂ Georgia: Clarkesville; April 27, 1943; W. Ivie.

This species is commonly found under leaves and trash in wooded areas where the ground is moderately dry.

Genus DIPOENA Thorell, 1870

Dipoena buccalis Keyserling

Dipoena buccalis Keyserling, 1886, *Spin. Amer., Ther.*, 2:42; *12:157.
Dipoena buccalis, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 173.

RECORD:

..... --- Georgia. (Petrunkevitch, 1911).

Dipoena crassiventris Keyserling

Dipoena crassiventris Keyserling, 1886, *Spin. Amer., Ther.*, 2:41; *12:156.

RECORDS:

- 81.32 ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 ♀ Georgia. Simon Collection. (Keyserling, 1886). Holotype.

Dipoena intrita Bishop and Crosby

Dipoena intrita Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41:176; *21.

RECORD:

- 82.30 2 ♂ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926). Types.

Dipoena lascivula (Keyserling)

Crustulina lascivula Keyserling, 1886, *Spin. Amer., Ther.*, 2:39; *12:155.
Dipoena lascivula Simon, 1894, *Hist. Nat. Araignees*, 1:578.

RECORD:

..... ♀ Georgia. Simon Collection. (Keyserling, 1886). Holotype.

Dipoena nigra (Emerton)

Steatoda nigra Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:21; *4:4.

RECORDS:

- 83.33 ♀ Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 83.34 Im. Georgia: N.W. Clayton; April 28, 1943; W. Ivie.
 " ♂ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Dipoena quinquemaculata (Banks)

Euryopis quinquemaculata Banks, 1900, *Canadian Ent.*, 32:97.

Dipoena munda Barrows and Ivie, 1942, *Ohio Journ. Sci.*, 42:20; *1-5.

RECORDS:

- 83.34 Im. Georgia: Clarkesville; April 27, 1943; W. Ivie.
 " Im. Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Genus ENOPLIGNATHA Pavesi, 1880

Enoplognatha marmorata (Hentz)

Theridion marmoratum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6:273; *9:3.

Enoplognatha (Marmatha) marmorata Chamberlin and Ivie, 1942, *Bull. Univ. Utah*, (Biol.)
 7(1):40; *85.

RECORDS:

- 83.34 Imm. Georgia: Tallulah Falls; April 27, 1943; W. Ivie.
 83.33 Im. Georgia: East of Lexington; April 22, 1943; W. Ivie.
 Found under rocks.

Enoplognatha rugosa Emerton

Enoplognatha rugosa Emerton, 1909, *Trans. Conn. Acad. Sci.*, 14:182; *1:8.

Enoplognatha (Rugatha) rugosa, Chamberlin and Ivie, 1942, *Bull. Univ. Utah*, (Biol.)⁷⁽¹⁾:
 43; *92.

RECORDS:

- 83.34 ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.
 " ♂, Im. Georgia: Lula; April 26, 1943; W. Ivie.
 Found under rocks on dry hillsides.

Genus EPISINUS Latreille, 1809

Episinus truncatus Latreille

Abbot, 1792, *Spiders of Georgia*, *255. MSS.

Episinus truncatus Latreille, 1809, *Gen. Crust. et Ins.*, 4:371.

Episinus truncatus, Comstock, 1912, *Spider Book*, 342; *335-336.

RECORDS:

- 83.34 Im. Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.
 " Im. Georgia: 5 mi. No. Gainesville; April 26, 1943; W. Ivie.

Genus EURYOPIS Menge, 1868

Euryopsis emertoni Bryant

Euryopsis spinigera, Emerton, 1924, *Psyche*, 31 : 142; *4a-d. (Not *Euryopsis spinigera* Cambridge.)

Euryopsis emertoni Bryant, 1933, *Bull. M. C. Z. Harvard*, 74 : 172; *1 : 1.

Euryopsis deridens Gertsch and Mulaik, 1936, *Amer. Mus. Nov.*, 863 : 7; *13.

RECORDS:

81.32 ♂ Georgia: South of Guyton; April 5, 1943; W. Ivie.

“ ♂ Georgia: North of Sylvania; April 10, 1943; W. Ivie.

83.34 ♂ Georgia: Thompson's Mills; H. A. Allard. (Bryant, 1933).

Euryopsis georgiana Chamberlin and Ivie, new species

Figs. 90, 104

RECORD:

81.32 ♀ Georgia: No. of Sylvania; April 15, 1943; W. Ivie. Holotype.

♀. *Color*: Carapace light brownish yellow, with the side margins black, and with the entire head part shaded with dusky. Chelicerae light orange. Labium and endites dusky yellow. Sternum yellow, with margins outlined in black, and lightly shaded. Legs orange yellow, with tarsus brownish. Abdomen shiny black, finely speckled with light gray; venter dark gray. Spinnerets dusky brown.

Structure: Head moderately elevated. Clypeus about three diameters of an a. m. eye in height. Anterior eye row procurved; a. m. eyes largest, about a diameter apart, less than a radius from the side eyes. Posterior row slightly recurved; p. m. eyes about a diameter apart, a little closer to the side eyes. Median ocular area wider than long, slightly wider in front than behind. Chelicerae small. Sternum about as wide as long, chordate; posterior point blunt, separating hind coxae by less than the diameter of one of them. Legs moderately short; 4 1 3 2 in order of length, 2 and 3 about equal. Abdomen large, broadly oval, somewhat pointed behind. Epigynum simple (see figure).

Measurements:

♀ Holotype

	Mm.	Ratio
Length	2.10	262
Carapace:		
Length .....	.80	100
Width .....	.70	87
Tibia-patella:		
I .....	.60	75
IV .....	.82	102

TYPE LOCALITY: W 81° 37' : N 32° 44', Georgia: 1 mile north of Sylvania; April 15, 1943; ♀ holotype; W. Ivie, collector.

Euryopsis inornata Chamberlin and Ivie, new species

Figs. 85, 103

RECORD:

81.32 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie. Holotype.

♀. *Color*: Carapace orange, uniformly shaded with dusky, the margins and borders around eyes darker. Mouthparts, legs, and palpi light orange. Sternum orange, lightly shaded with dusky, darker on the margin. Abdomen medium gray; middle of venter lighter. Spinnerets and epigynum yellowish orange.

Structure: Carapace a little longer than wide; head narrow in front. Clypeus with a lip-like extension down over the base of the chelicerae; height of clypeus two full diameters of an a. m. eye. Anterior median eyes protruding over base of clypeus. Anterior eye row procurved; a. m. eyes much larger than the others, about a diameter apart and about a half a radius from the side eyes. Posterior row recurved; p. m. eyes nearly a diameter apart, barely closer to the side eyes. Median ocular quadrangle wider than long, wider in front than behind. Sternum large, shield-shaped; posterior tip obtusely angulate, separating hind coxae by more than one of their diameters. Legs 4 1 2 3 in order of length. Abdomen large, wider behind middle than in front. Epigynum as figured.

<i>Measurements</i> :	♀ Holotype	
	Mm.	Ratio
Length	2.35	336
Carapace:		
Length .....	.70	100
Width .....	.80	93
Tibia-patella:		
I .....	.80	114
IV .....	.90	129

TYPE LOCALITY: W 81° 33' : N 32° 46', Georgia: 4 mi. N.E. Sylvania; April 9, 1943; ♀ holotype; W. Ivie, collector.

This species and *Euryopsis orniceps* n. sp. are close to *Euryopsis ornata* Bryant (1933, *Bull. M. C. Z. Harvard*, 74 : 172; *1 : 2-3). The color markings, however, are different. *E. orniceps* has the carapace yellow with a shaded patch near the center, instead of all dusky brown; *inornata* has the carapace as in *ornata*, but lacks the light markings on the abdomen.

Euryopsis limbata (Walckenaer)

Abbot, 1792, Spiders of Georgia, *452, 499 (type), 500. MSS.

Epeira limbata Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 81.

Theridion funebre Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 277; *9 : 11.

Euryopsis funebris, Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 27; *5 : 6.

RECORDS:

81.32 ♀ s Georgia: "Burke County"; May and June; J. Abbot. (Walckenaer, 1841).

83.34 ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.

"Taken 12th May in the oak woods of Burke County where it is frequently found on different trees." (Abbot).

Euryopis orniceps Chamberlin and Ivie, new species

Figs. 86, 123

RECORDS:

83.34 ♂ Georgia: S.E. Toccoa; April 29, 1943; W. Ivie. Holotype.

" ♂ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

♂. *Color*: Carapace, mouthparts, sternum, legs and palpi orange yellow; the carapace with a dusky patch in the center and black around the eyes, the two distal segments of the palpi shaded, and the distal segments of the legs more reddish. Abdomen medium gray, with a series of paired pale gray spots along the dorsum.

Structure: Carapace rounded; head narrowed in front, only slightly elevated. Height of clypeus nearly three diameters of an a. m. eye. Eyes nearly equal in size, the a. m. eyes little if any larger than the others. Anterior eye row straight; a. m. eyes less than a diameter apart, subcontiguous with the lateral eyes. Posterior row slightly recurved; p. m. eyes a little more than a radius apart, less than a radius from the side eyes. Legs moderately stout, 4 1 2 3 in order of length. Palpus as figured.

Measurements:

	Mm.	♂ s (2)	Ratio
Length	1.70		243
<i>Carapace</i> :			
Length .....	.70		100
Width .....	.65		93
<i>Tibia-patella</i> :			
I .....	.80		114
IV .....	.93		133

TYPE LOCALITY: W 83° 15' : N 34° 2', Georgia: S.E. Toccoa; April 29, 1943; ♂ holotype; W. Ivie, collector.

Genus **LATRODECTUS** Walckenaer, 1805**Latrodectus mactans** (Fabricius)*Aranea mactans* Fabricius, 1775, Syst. Ent.

Abbot, 1792, Spiders of Georgia, *191, 194, 195, 391, 396, 544. MSS.

Latrodectus formidabilis Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:647. (*191).*Latrodectus perfidus* Walckenaer, Ibid., 647. (*195).*Latrodectus variolus* Walckenaer, Ibid., 648. (*194, 391, 396).*Theridion verecundum* Hentz, 1850, J. Boston Soc. Nat. Hist., 6:280; *10:1-2.*Latrodectus mactans*, McCook, 1889, American Spiders, 1:274; *250-252.*Latrodectus mactans mactans*, Chamberlin and Ivie, 1935, Bull. Univ. Utah, (Biol.)3(1):13; *2, 5, 19, 20, 22.

RECORDS:

81.33 ♂, Im. South Carolina: Aiken; August 22, 1933; W. Ivie.

" ♂ South Carolina: Lexington; August 22, 1933; W. Ivie.

81.32 ♀ s, Imm. Georgia: "Burke County"; John Abbot. (Walckenaer, 1837).

“	♀	Georgia: North of Springfield; April 6, 1943; W. Ivie.
“	♀	Georgia: Newington; April 6, 1943; W. Ivie.
“	♂	Georgia: East of Sylvania; April 17, 1943; W. Ivie.
82.34	♀	Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
82.33	♀	Georgia: Washington to Thomson; May 1, 1943; W. Ivie.
“	♀	Georgia: Bell to Washington; April 30, 1943; W. Ivie.
82.31	♀	Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
83.34	4 ♀	Georgia: Tallulah Falls; April 27, 1943; W. Ivie.
“	♂	Georgia: Lavonia to Royston; April 30, 1943; W. Ivie.
“	♂	Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie.
83.31	♂	Georgia: Adel; June 16, 1935; W. Ivie.
84.32	♀, Imm.	Georgia: Fort Benning; October 25, 1943; D. E. Beck.
-----	-----	<i>Georgia</i> . (Hentz, 1850).

The Black Widow Spider lives in a variety of situations; it spins a coarse, irregular web. It has been taken from under bridges, under rocks, logs, etc., in rodent holes, and frequently it builds its web in the top of a low plant, two or three feet above the ground. In the last case, it builds an inverted basket-like retreat. Abbot gives the following notes for No. 195: "Taken 23rd February under a stone. It has a large angulated red spot beneath the abdomen. It makes an irregular web, under old logs and rails, not very common. The bite of this species of spider is accounted very poisonous."

Genus LITHYPHANTES Thorell, 1870

Lithyphantes fulvus Keyserling

Lithyphantes fulvus Keyserling, 1884, Spin. Amer., Ther., 1: 142; *6: 89.
Lithyphantes fulvus, I. Fox, 1940, Proc. Biol. Soc. Wash., 53: 41.

RECORD:

81.32 4 ♀ Georgia: Savannah. (Fox, 1940).

Lithyphantes tricolor Chamberlin and Ivie, new species

Figs. 67-74

RECORD:

80.32 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie. Types.

♀. *Color*: Cephalothorax and appendages orange brown, shaded with dusky. Abdomen black with white markings, as shown in the figures (some of the white markings may be reduced or obscure).

Structure: The general structure is similar to that of other species in this genus. The essential details are illustrated.

Measurements:

	Mm.	♀ s (4)	Ratio
Length	3.20		225
Carapace:			
Length	1.42		100
Width	1.12		79

Tibia-patella:

I	1.36	96
IV	1.48	104

TYPE LOCALITY: W 80° 51' : N 32° 0', Georgia: Savannah Beach;
 May 4, 1943; ♀ holotype, 3 ♀ paratypes; W. Ivie collector.
 Found under rocks near the beach.

Genus *MYSMENA* Simon, 1894*Mysmena guttata* (Banks)

Microdipoena guttata Banks, 1895, *J. New York Ent. Soc.*, 3 : 85.

Mysmena guttata, Crosby, 1925, *Canadian Ent.*, 57 : 50.

Mysmena guttata, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 177.

RECORDS:

- 81.32 ♂ ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943;
 W. Ivie.
 82.30 2 ♂ 2 ♀ Georgia: Billy's Island, Okefenokee Swamp; June 4, 1912;
 C. R. Crosby. (Bishop and Crosby, 1926).
 83.34 4 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J.
 Kaston.
 " 2 ♂ 2 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Genus *PAIDISCA* Bishop and Crosby, 1926*Paidisca marxi* (Crosby)

Histagonia marxi Crosby, 1906, *Canadian Ent.*, 38 : 309; *35, 36.

Paidisca marxi, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 179; *23-27.

RECORDS:

- 81.32 ♂ Georgia: Sylvania to Sardis; April 20, 1943; W. Ivie.
 " 2 ♂ 4 ♀ Georgia: North of Sylvania; April 7 and 10, 1943; W.
 Ivie.
 " ♂ Georgia: Millen; April 16, 1943; W. Ivie.
 82.34 ♀ Georgia: Elberton to Bell; April 30, 1943; W. Ivie.
 83.34 4 ♀ Georgia: Clayton; April 28, 1943; W. Ivie.

This small species lives under cover on the ground.

Genus *RHOMPHAEA* L. Koch, 1872*Rhomphaea lacerta* (Walckenaer)

Fig. 54

"Lizard Spider", Abbot, 1792, *Spiders of Georgia*, *496. MSS.

Tetragnatha lacerta Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 224.

Theridion fictilium Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 282; *10 : 4.

Rhomphaea fictilium, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 185.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; July 9; J. Abbot. (Walckenaer, 1841).
 " Im. Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 " Im. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 83.34 Im. Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.
 84.30 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

"This singular spider resembles a lizzard in the abdomen, it commonly carries the end crooked like the tail of some animals. It seems to be of the great genus of spiders, though it differs in some respects, it was beat off a small pine tree, it is the only one I have seen." (Abbot).

Genus STREATODA Sundevall, 1833

Steatoda borealis (Hentz)

Abbot, 1792, Spiders of Georgia, *133 ?, 304 ?
Theridion boreale Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 274; *9 : 4.
Steatoda borealis, Keyserling, 1884, *Spin. Amer., Ther.*, 1 : 119; *6 : 77.

RECORDS:

- 81.32 ♀ s Georgia: "Burke County"; May 7; John Abbot. ?
 Georgia. Simon Collection. (Keyserling, 1884).

Genus STEMMOPS Cambridge, 1894

Stemmops bicolor Cambridge

Stemmops bicolor Cambridge, 1894, *Biol. Centr. Amer.*, 1 : 125; *17 : 5.

RECORD:

- 81.32 ♀ Georgia: North of Sylvania; April 15, 1943; W. Ivie.

This small Theridiid is readily distinguished by the dark gray abdomen with a conspicuous white spot just above the spinnerets. The anterior median eyes are smaller than the laterals.

Genus TEUTANA Simon, 1881

Teutana triangulosa (Walckenaer)

Abbot, 1792, Spiders of Georgia, *154. MSS.
Aranea triangulosa Walckenaer, 1802, *Faune Paris*, 2 : 207.
Teutana triangulosa, Keyserling, 1884, *Spin. Amer., Ther.*, 1 : 122; *6 : 78.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; December 20; John Abbot.
 84.32 Im. Georgia: Fort Benning; November 2, 1943; D. E. Beck.

Genus THERIDION Walckenaer, 1805

Theridion americanum Walckenaer

Figs. 89, 106.

Abbot, 1792, Spiders of Georgia, *292. MSS.
Theridion quadripunctatum americanum Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:293.

RECORDS:

81.32 ♀ Georgia: "Burke County"; April; John Abbot. (Walckenaer, 1841).

" 2 ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.

♀. *Color*: Carapace light orange brown, with a dusky wedge-shaped patch on the head and the side margins dusky. Mouthparts orange brown, lightly shaded with dusky. Sternum yellowish, with margins blackish, and shaded near the margins. Legs orange brown, shaded with dusky, the shading tending toward stripes on the femora and rings on the distal segments—one on tarsus, two on metatarsus, and two on tibia. Abdomen black above, with a white spot just above the spinnerets, and other smaller white spots sometimes present. Venter dusky, with a white spot back of the epigynum, and sometimes other white markings; epigastric region lighter. Spinnerets orange.

Structure: Size medium. Legs moderately stout. Epigynum a simple depression, containing two small openings. Height of clypeus nearly three diameters of an a. m. eye. A. m. eyes larger than the others. Anterior eye row slightly procurved; a. m. eyes a little more than a radius apart, half as far from the side eyes. Posterior row slightly procurved; p. m. eyes a full diameter apart, slightly farther from the side eyes. Median ocular quadrangle about as wide as long, slightly wider in front than behind.

Measurements:

	Mm.	♀ s (2)	Ratio
Length	3.15		233
Carapace:			
Length	1.35		100
Width	1.20		88
Tibia-patella:			
I	2.03		150
IV	1.43		106

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 mi. S.E. Savannah; May 3, 1943; ♀ neotype, ♀ paratype; W. Ivie collector.

This species was found under scales of bark on the trunk of a pine. It had a delicate web. Its general appearance is suggestive of a *Lithyphantes* or *Steatoda*.

Theridion ansatum Walckenaer

Fig. 43.

Abbot, 1792, Spiders of Georgia, *149. MSS.

Theridion ansatum Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 320.

RECORD:

81.32 ♀ Georgia: "Burke County"; July 4; J. Abbot. (Walckenaer, 1841).

"It makes an irregular thin web, the spider in the middle under a dead leaf or two, some are of a lighter brown than the drawing, not very common." (Abbot). Walckenaer considered Abbot's figures 149 and 150 as separate varieties of the same species. Figure 150 is evidently the same as *Theridion catapetraeum* Gertsch and Archer. There is enough difference in the figures that we prefer to keep the two separate, pending further investigation. Walckenaer's description follows:

"Abdomen globular, round reddish or brown; upon the dorsum black spots and stripes, one transverse stripe of a bright white or clear yellow, composed of a curved line and two straight ones having some resemblance to the handle of a sauce pan; behind this stripe a scalloped band extending to the anal end or three white spots arranged longitudinally. Carapace uniform yellowish red.

Length, 4 lines."

Theridion catapetraeum Gertsch and Archer

Abbot, 1792, Spiders of Georgia, *150. MSS.

Theridion ansatum Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:320 (in part).

Theridion catapetraeum Gertsch and Archer, 1942, *Amer. Mus. Nov.*, 1171:10; *7.

RECORDS:

81.32 ♀ Georgia: "Burke County"; April 25; J. Abbot. (Walckenaer, 1841).

" ♀ South Carolina: Savannah River Game Refuge; April 4, 1943; W. Ivie.

82.31 Im. Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.

"Taken 25th April in its web, fastened to the timbers of an old mill frame. It makes an irregular web, composed of threads in no particular or regular manner. I have found them sometimes with their webs in trees." (Abbot). Our female was taken from a highway sign.

Theridion catenatum Walckenaer

Fig. 63

Abbot, 1792, Spiders of Georgia, *153. MSS.

Theridion catenatum Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:289.

RECORD:

81.32 ♀ Georgia: "Burke County"; July 16; J. Abbot. (Walckenaer, 1841).

"Taken 16th July on a sasafra in the oak woods. Rare." (Abbot). Walckenaer's description follows:

"Abdomen oval, yellowish orange, with two small marks in the form of divided circumflex accents toward the carapace and farther back a series of four trapeziform figures connected together and formed by broad black lines; on each side of the back three round dots; carapace reddish orange.

Length, 4 lines."

Theridion cheimatos Gertsch and Archer

Theridion cheimatos Gertsch and Archer, 1942, *Amer. Mus. Nov.*, 1171 : 3; *15, 16.

RECORDS:

- 81.32 ♂ 4 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 " ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 83.34 ♀ Georgia: Clayton; April 28, 1943; W. Ivie.

This small species lives under cover on the ground, in moderately damp situations.

Theridion chinda Chamberlin and Ivie, new species

Figs. 82, 83, 84.

RECORDS:

- 81.32 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 " ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.

♀. *Color*: Carapace pale yellowish brown, with a median black mark and black around the eyes, as shown in the figure. Chelicerae, labium, and distal part of endites dusky brown; sternum and proximal part of endites light brownish yellow, shaded with dusky. Legs pale yellow, with black spots and rings. Abdomen whitish gray above, with black and gray markings and many fine black specks; lower sides black; venter white. Spinnerets and epigynum pale brown.

Structure: Size small. A. m. eyes a little larger than the others. Anterior eye row slightly procurved; a. m. eyes about a diameter apart, less than a radius from the side eyes. Posterior row slightly procurved; p. m. eyes a little more than a radius apart, about a diameter from the side eyes. Median ocular quadrangle a little wider than long, wider in front than behind. Clypeus a little more than two diameters of an a. s. eye in height. Legs of moderate length, 1 2 4 3 in order of length, leg 2 much longer than leg 4. Abdomen wide and somewhat flattened.

Measurements:

	Mm.	♀ Holotype Ratio
Length	1.70	227
Carapace:		
Length .....	.75	100
Width .....	.67	89
Tibia-patella:		
I	1.15	153
IV .....	.70	93

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 12, 1943; ♀ holotype; Wilton Ivie collector.

Theridion differens Emerton

Abbot, 1792, Spiders of Georgia; *559 ? MSS.

Theridion differens Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 9; *1 : 1.

Theridion differens, Emerton, 1909, *Ibid.*, 14 : 180; *1 : 7.

Theridion differens, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 181.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; May 14; John Abbot.
 " 2 ♂ Georgia: Thunderbolt; June 26, 1912; C. R. Crosby. (Bishop and Crosby, 1926).
 " ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 " ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 " ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 82.34 ♀ Georgia: Elberton to Bell; April 30, 1943; W. Ivie.
 82.30 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).
 " ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 " ♂ ♀ Georgia: East of Lexington; April 22, 1943; W. Ivie.

The carapace and legs of the Georgia specimens are more strongly marked than are some that we have from New York, but the genitalia are similar. There is a wide variation in color markings on the abdomen of the female.

Theridion dimachaerum Bishop and Crosby

Theridion dimachaerum Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 181; *28.

RECORDS:

- 81.32 ♂ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 " ♂ ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 82.30 ♂ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926). Holotype.

Theridion dulcineum Gertsch and Archer

Theridion dulcineum Gertsch and Archer, 1942, *Amer. Mus. Nov.*, 1171:4; *11, 12, 17, 18.

RECORD:

- 83.34 ♀ Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

Theridion flavonotatum Becker

Theridion flavonotatum Becker, 1879, *Ann. Soc. Ent. Belg.*, 22 : 79; *1 : 7-9.

Theridion flavonotatum, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 182.

RECORD:

- 82.30 ♂ 4 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).

Theridion frondeum Hentz

Abbot, 1792, Spiders of Georgia, *377?, 378? MSS.

Theridion frondeum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 274; *9 : 7.

Theridion frondeum, Keyserling, 1884, *Spin. Amer.*, *Ther.*, 1 : 69; *3 : 42.

RECORD:

81.32 Imm. Georgia: vicinity Sylvania; April, 1943; W. Ivie.

Theridion glaucescens Becker

Theridion glaucescens Becker, 1879, *Ann. Soc. Ent. Belg.*, 22 : 81; *1 : 11.

Theridion glaucescens, Keyserling, 1884, *Spin. Amer.*, *Ther.*, 1 : 55; *2 : 32.

RECORDS:

80.32 ♂ ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

81.32 ♀ Georgia: N.W. Savannah; April 5, 1943; W. Ivie.

83.30 ♂ Georgia: South of Lake Park; June 15, 1935; W. Ivie.

Theridion globosum Hentz

Theridion globosum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 278; *9 : 23.

Theridion globosum, Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 14; *2 : 3.

Theridion globosum, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 182.

RECORDS:

81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April 8 and 14, 1943; W. Ivie.

82.30 ♂ 2 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).

83.34 2 imm. Georgia: Clayton; April 28, 1943; W. Ivie.

Theridion imparatum Bishop and Crosby

Theridion imparatum Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 182; *30.

RECORD:

82.30 ♂ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926). Holotype.

Theridion incisuratum Walckenaer

Fig. 16.

Abbot, 1792, Spiders of Georgia, *520. MSS.

Theridion incisuratum Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 307.

RECORD:

81.32 ♀ Georgia: "Burke County"; July 6; J. Abbot. (Walckenaer, 1841).

"Taken 6th July, on a sumac in the oak woods of Burke County. Rare." (Abbot).

"Abdomen globular, pale red, with, along the middle of the back, a longitudinal bright red stripe of which the sides are zigzag or angularly festooned, bordered by two bright yellow lines having a black margin. Be-

tween this median stripe and the carapace, on the upper part of the abdomen, is a citron yellow square bordered with black on the sides and separated from the stripe by a small black chevron but open at its apex, that is not having a border on the side toward the carapace. Carapace small, round, of a yellow orange color, margined with black, with a black longitudinal line along the middle. Legs yellow annulate with deep yellow-orange.

Length $3\frac{1}{2}$ lines." (Walckenaer).

This species is evidently close to *differens*, but the figure shows enough difference to justify their being kept apart pending further investigation.

Theridion indianorum Gertsch and Archer

Theridion indianorum Gertsch and Archer, 1942, *Amer. Mus. Nov.*, 1171 : 9; *4, 5.

RECORDS:

- 81.32 ♂ ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 83.30 Im. Georgia: South of Lake Park; June 15, 1935; W. Ivie.
 84.30 ♀ Florida: Quincy; December 1, 1934; H. K. Wallace.
 (Gertsch and Archer, 1942).

Theridion lyricum Walckenaer

Abbot, 1792, *Spiders of Georgia*, *152. MSS.

Theridion lyricum Walckenaer, 1842, *Hist. Nat. Ins. Apt.*, 2 : 288.

RECORD:

- 81.32 ♀ Georgia: "Burke County"; September 17; John Abbot. (Walckenaer, 1841).

"Taken 17th September, spun up with its egg bag in a dogwood leaf in the oak woods, not very common." (Abbot).

"Abdomen oval, rounded, citron yellow, having on the anterior part of the back a triangle truncate at its apex, formed by black lines, with the two posterior angles pointed and prolonged; this triangle is divided in two by a small transverse line, and below this line is a small, perpendicular black mark. Behind this figure, on the posterior part of the dorsum, are two black curved marks with their concave sides opposite, traversed by three small, fine parallel lines, the whole appearing like a small lyre; all of these markings together resemble certain Chinese characters. The carapace is white with a longitudinal line along the middle; the anterior median eyes are the more separated; the laterals are approximate, but not contiguous. Legs elongate, yellow, with black spots at the joints. Palpi yellow.

Length, $3\frac{1}{2}$ lines." (Walckenaer).

Theridion pennsylvanicum Emerton

Theridion pennsylvanicum Emerton, 1913, *Bull. Amer. Mus.*, 32 : 255; *48 : 1-1d.

RECORDS:

- 81.32 4 imm. Georgia: 3 mi. S.E. Savannah; April 8 and 14, 1943; W. Ivie.
 82.34 Im. Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
 82.33 ♀ Georgia: Washington to Thomson; May 1, 1943; W. Ivie.

Theridion pictipes Keyserling

Theridion pictipes Keyserling, 1884, Spin. Amer., Ther., 1: 64; *3: 38.
Theridion pictipes, Bishop and Crosby, 1926, Journ. E. Mitchell Soc., 41: 183.

RECORD:

82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).

Theridion punctisparsum Emerton

Theridion punctisparsum Emerton, 1882, Trans. Conn. Acad. Sci., 6: 12; *1: 6.

RECORDS:

81.32 ♀ Georgia: Bloomingdale; April 5, 1943; W. Ivie.
 83.34 ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.

Theridion rabuni Chamberlin and Ivie, new species

Figs. 75-77.

RECORD:

83.34 ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie. Holotype.

♀. *Color*: Carapace dusky brown. Chelicerae light brown, shaded with dusky. Endites, labium, and sternum blackish. Legs, including coxae, whitish with blackish rings and spots. Abdomen pale gray, with a white median band, with margins undulate, and edged with black. Venter blackish, with a pair of large white spots just back of the genital furrow and a smaller spot on each side of the spinnerets. Epigastric area dusky. Spinnerets dusky brown.

Structure: Size small. Abdomen large and spherical. Legs of moderate length. Epigynum a simple rounded depression. Chelicerae typically long and slender. Height of clypeus about two diameters of an a. m. eye. Eyes equal in size. Anterior eye row procurved; a. m. eyes more than a diameter apart, less than a radius from the side eyes. Posterior row straight; eyes equidistant, less than a diameter apart. Median ocular quadrangle a little wider than long, slightly wider in front than behind.

Measurements:

	♀ Holotype	
	Mm.	Ratio
Length	1.70	258
Carapace:		
Length .....	.66	100
Width .....	.53	80
Tibia-patella:		
I .....	.80	121
IV .....	.70	106

TYPE LOCALITY: W 83° 25' : N 34° 45', Georgia: Tallulah Falls; April 27, 1943; ♀ holotype; Wilton Ivie collector.

Theridion sardis Chamberlin and Ivie, new species

Figs. 78-80.

RECORD:

81.32 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie

♂. *Color*: Carapace yellowish orange, with a median dusky streak and ringed with black. Chelicerae orange brown. Endites, labium, and sternum light yellowish shaded with dusky—the labium dusky and the margins of the sternum blackish. Legs light yellowish, with dusky rings. Abdomen gray marked with white. Venter dusky.

Structure: Size small. General structure near that of *T. differens* Em. Endites expanded laterally. Sternum wider than long. Epigastric region of abdomen swollen. Legs moderately long; 1 2 4 3 in order of length, 2 and 4 being about equal. Height of clypeus about two diameters of an a. m. eye. A. m. eyes larger than the others. Anterior eye row procurved; a. m. eyes about a diameter apart, less than a radius from the side eyes. Posterior row slightly recurved; p. m. eyes less than a radius apart, about a diameter from the side eyes.

Measurements:

	♂ Holotype	
	Mm.	Ratio
Length	1.40	200
Carapace:		
Length .....	.70	100
Width .....	.53	76
Tibia-patella:		
I .....	.90	129
IV .....	.65	93

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 12, 1943; ♂ holotype; W. Ivie collector.

Theridion sexsetosum Barrows

Theridion sex-setosum Barrows, 1940, *Ohio Journ. Sci.*, 40:132; *4 (*T. setosum*).

Theridion sex-setosum, Gertsch and Archer, 1942, *Amer. Mus. Nov.*, 1171:3; *1, 13, 14.

RECORD:

..... "Western Georgia". (Gertsch and Archer, 1942).

Theridion spirale Emerton

Theridion spirale Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:10; *1:2.

Theridion spirale, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41:183.

RECORDS:

81.33 ♂ South Carolina: Lexington; August 22, 1933; W. Ivie.

81.32 ♀ South Carolina: Savannah River Game Refuge; April 4, 1943;
W. Ivie.

- " ♀ Georgia: Millen; April 16, 1943; W. Ivie.
 " ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 " ♂ ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.30 ♂ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).
 83.30 ♂ Georgia: Thomasville; May 31, 1914; C. S. Spooner. (Bishop and Crosby, 1926).

Theridion talmo Chamberlin and Ivie, new species

Figs. 81, 88.

♂. *Color*: Carapace orange brown, with a wedge-shaped dusky patch, including the eye area in the broad end and coming to a point about one-third the distance from the base; side margins lightly shaded. Chelicerae orange brown. Endites, labium, and sternum dull light orange, lightly shaded with dusky, especially on the labium and at the margins of the sternum. Coxae of legs light orange; rest of legs orange shaded with dusky, except the tarsi which lack the shading. Abdomen dark gray above, with a wide median band of lighter gray containing white spots along the side margins, and containing a median white spot at distal end; venter pale gray, with some blackish markings. Epigastric plate light brownish toward pedicel, blackish posteriorly. Spinnerets light orange.

Structure: Close to *differens*, except for the palpus. Chelicerae moderately long and slender, vertical and straight. Legs long, 1 2 4 3 in order of length. Epigastric region swollen. Hairs and setae of legs and abdomen long and slender. Embolus of palpus wide.

Measurements:

	♂ Holotype	
	Mm.	Ratio
Length	2.50	208
Carapace:		
Length	1.20	100
Width	1.00	83
Tibia-patella:		
I	1.93	161
IV	1.27	106

TYPE LOCALITY: W 83° 43' : 34° 12', Georgia: Northwest of Pendergrass; April 23, 1943; ♂ holotype; W. Ivie collector.

Theridion tepidariorum C. Koch

Abbot, 1792, *Spiders of Georgia*, *312. MSS.

Theridion tepidariorum C. Koch, 1841, *Die Arachniden*, 8 : 75; *647, 648.

Theridion pallidum Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 321. (*312).

Theridion tepidariorum, Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 13; *2 : 1.

RECORDS:

- 81.33 4 ♂ 2 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 81.32 4 ♂ 4 ♀ Georgia: No. Sylvania; April 7, 1943; W. Ivie.

- 83.34 ♀ Georgia: S.E. Royston; April 30, 1943; W. Ivie.
 83.31 ♂ Georgia: Adel; June 16, 1935; W. Ivie.
 84.32 2 ♀ Georgia: Fort Benning; October, 1943; D. E. Beck.
 Commonly found in webs under bridges, in buildings, etc.

***Theridion unimaculatum* Emerton**

Theridion unimaculatum Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:15; *2:4.
Theridion unimaculatum, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41:183.

RECORD:

- 82.30 ♂ Georgia: Billy's Island, Okfenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).

***Theridion wallacei* Gertsch and Archer**

Theridion wallacei Gertsch and Archer, 1942, *Amer. Mus. Nov.*, 1171:5; *2.

RECORD:

- 81.32 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

This species is close to, if not identical with, *Dipoena pallida* Emerton.

Genus THERIDULA Emerton, 1882

***Theridula opulenta* (Walckenaer)**

Abbot, 1792, *Spiders of Georgia*, *122, 123, 497 (type), 512, 577. MSS.
Theridion opulentum Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:322.
Theridula sphaerula (Hentz), Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:25; *5:3-3b.

RECORDS:

- 80.34 3 ♂ ♀ South Carolina: Bethune; June 10, 1935; W. Ivie.
 80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.33 ♂ ♀ South Carolina: Lexington; August 22, 1933; W. Ivie.
 81.32 ♂ ♀ s Georgia: "Burke County"; May 3, etc.; John Abbot.
 (Walckenaer, 1841).
 " 3 imm. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.
 83.34 4 imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 84.30 2 ♂ Florida: Tallahassee; August 27, 1933; W. Ivie.

***Theridula quadripunctata* Keyserling**

Theridula quadripunctata Keyserling, 1886, *Spin. Amer., Ther.*, 2:32; *11:151.
Theridula quadripunctata, Banks, 1904, *Proc. Acad. Phila.*, 126.

RECORDS:

- 80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.30 --- Florida: Jacksonville. (Banks, 1904).
 82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 84.30 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

Genus **TIDARREN** Chamberlin and Ivie, 1934**Tidarren minor** Chamberlin and Ivie

Tidarren minor Chamberlin and Ivie, 1934, *Bull. Univ. Utah*, (Biol.)2(4) : 10; *10, 24, 25.

RECORD:

84.30 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie. (Chamberlin and Ivie, 1934.) Holotype.

Tidarren sisymphoides (Walckenaer)

Abbot, 1792, Spiders of Georgia, *313. MSS.

Theridion sisymphoides Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 321.

Theridion fordum Keyserling, 1884, *Spin. Amer. Ther.*, 1 : 23; *1 : 9.

Tidarren fordum, Chamberlin and Ivie, 1934, *Bull. Univ. Utah*, (Biol.)2(4) : 5; *1-9, 11-23.

RECORDS:

- 81.33 4 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 81.32 ♀ Georgia: "Burke County"; J. Abbot. (Walckenaer, 1841).
 " 4 ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.
 82.33 Imm. Georgia: Washington to Thomson; May 1, 1943; W. Ivie.
 82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 83.33 ♀ Georgia: East of Lexington; April 22, 1943; W. Ivie.
 83.31 4 ♀ Georgia: 16 mi. So. Cordele; June 16, 1935; W. Ivie.
 84.30 ♂ 2 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

This species is common under bridges, where it closely resembles *Theridion tepidariorum* in size and color. This species builds an inverted basket-shaped retreat where it hides, while *tepidariorum* has no such retreat. The female places its egg-sacs in its retreat; *tepidariorum* hangs them in the web.

Genus **ULESANUS** L. Koch, 1872**Ulesanus americanus** Emerton

Ulesanus americanus Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 28; *6 : 1.

Ulesanus americanus, Keyserling, 1886, *Spin. Amer.*, *Ther.*, 2 : 17; *11 : 142.

RECORDS:

- 81.32 ♂ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 Georgia. *Simon Collection*. (Keyserling, 1886).

MIMETIDAE

Genus **MIMETUS** Hentz, 1832**Mimetus dissimulatus** (Walckenaer)

Abbot, 1792, Spiders of Georgia, *115 (type), 218, 219. MSS.

Epeira dissimulata Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 60.

Mimetus interfector Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 3; *4 : 12, 13.

Mimetus interfector, Chamberlin, 1923, *Journ. Ent. & Zool.*, 15 : 6; *5, 9.

RECORDS:

- 81.33 ♂ South Carolina: Aiken; August 22, 1943; W. Ivie.

- 81.32 ♂ 2 ♀ Georgia: "Burke County"; July 9, etc.; J. Abbot. (Walckenaer, 1841).
 " ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 " Imm. Georgia: vicinity Sylvania; April, 1943; W. Ivie.
 82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.
 82.30 ♀, Im. Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby.
 83.33 Im. Georgia: East of Lexington; April 22, 1943; W. Ivie.
 83.31 ♂ ♀ Georgia: Adel; June 16, 1935; W. Ivie.

Mimetus puritanus Chamberlin

Mimetus puritanus Chamberlin, 1923, *Journ. Ent. & Zool.*, 15 : 5; *1, 6.

RECORDS:

- 83.34 ♀ Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie.
 " --- Georgia: Thompson's Mills. (Chamberlin, 1923).

Genus ERO C. Koch, 1837

Ero pensacolae Ivie and Barrows

Ero pensacolae Ivie and Barrows, 1935, *Bull. Univ. Utah*, (Biol.)3(2) : 19; *54.

RECORD:

- 81.32 4 imm. Georgia: vicinity Sylvania and Savannah; April, 1943; W. Ivie.

NESTICIDAE

Genus NESTICUS Thorell, 1870

Nesticus pallidus Emerton

Nesticus pallidus Emerton, 1875, *American Naturalist*, 9 : 279; *1 : 22-27.

RECORDS:

- 82.34 Im. Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
 84.32 ♀ Georgia: Fort Benning; October 24, 1943; D. E. Beck.

ERIGONIDAE

Genus ARAEONCUS Simon, 1884

Araeoncus americanus Chamberlin and Ivie, new species

Fig. 110.

RECORD:

- 82.33 ♀ Georgia: Bell to Washington; April 30, 1943; W. Ivie. *Holo-*
 type.

♀. *Color*: Carapace dark brown. Chelicerae brown, shaded with dusky. Sternum, endites, and labium brownish black. Legs light brown, lightly shaded with dusky; the joints marked with a dark line, except the

last one, which is light. Palpi light brown, dusky on the two distal segments. Abdomen black. Spinnerets dark brown.

Structure: General structure normal for this family. Height of clypeus about four diameters of an a. s. eye. A. m. eyes smaller than the others. Anterior eye row slightly procurved; a. m. eyes about a diameter apart, same distance from the side eyes. Posterior row faintly recurved; p. m. eyes a full one and a half diameters apart, about a diameter from the side eyes. Median ocular quadrangle a little wider than long, wider behind than in front. Chelicerae stout, moderately short. Labium much wider than long. Sternum large, smooth, shiny, convex; hind coxae separated by more than the diameter of one of them. Legs moderate in size, 4 1 2 3 in order of length. Epigynum distinctive, as illustrated.

<i>Measurements:</i>	♀ Holotype
	Mm. Ratio
Length	1.95 230
<i>Carapace:</i>	
Length .....	.85 100
Width .....	.65 76
<i>Tibia-patella:</i>	
I .....	.78 92
IV .....	.90 106

TYPE LOCALITY: W 82° 45' : N 33° 45', Georgia: Bell to Washington; April 30, 1943; ♀ holotype; W. Ivie collector.

Genus CERATICELUS Simon, 1884

Ceraticelus albus (Fox)

Erigone (Ceratinella) alba Fox, 1891, *Proc. Ent. Soc. Wash.*, 2: 44.

Ceraticelus albus, Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264: 13; *8, 9.

RECORDS:

81.33 ♂ South Carolina: Monetta; June 11, 1935; W. Ivie.

83.34 3 ♀ Georgia: Clarkesville; April 27, 1943; W. Ivie.

“ 2 ♂ ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

This species is close to *C. fissiceps* (Cambridge), but is slightly smaller. The male differs from *fissiceps* in that the posterior lobe of the head is smaller, the tarsus of the palpus is proportionately smaller, and tibia and metatarsus IV are dark dusky or black. In the female, tibia and metatarsus IV are dusky; the epigyna are very similar.

Ceraticelus alticeps (Fox)

Erigone (Ceratinella) alticeps Fox, 1891, *Proc. Ent. Soc. Wash.*, 2: 45.

Ceraticelus alticeps, Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264: 13; *10-14.

RECORD:

81.33 ♀ South Carolina: Aiken; August 22, 1933; W. Ivie.

Ceraticelus creolus Chamberlin

Ceraticelus creolus Chamberlin, 1925 (June), *In* Crosby and Bishop, *N. Y. State Mus. Bull.* 264: 19; *27-31.

Ceraticelus creolus Chamberlin, 1925 (August), *Proc. Calif. Acad. Sci.*, (4)14: 109; *9, 10.

RECORDS:

- 80.34 3 ♀ South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.32 4 ♂ 4 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 82.32 4 ♂ 4 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 82.30 ♂ 2 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 83.31 2 ♀ Georgia: 16 mi. So. Cordele; June 16, 1935; W. Ivie.

Ceraticelus durus Chamberlin and Ivie

Ceraticelus durus Chamberlin and Ivie, 1939, *Verh. VII. Int. Kongr. Ent. Berlin*, 1: 70; *6: 58.

RECORD:

- 81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 Found on the ground under leaves, in a wooded area.

Ceraticelus laticeps bucephalus Chamberlin and Ivie, new subspecies

Fig. 111.

Ceraticelus laticeps (Emerton), Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264: 30 (in part).

RECORDS:

- 81.32 8 ♂ 8 ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 Types.
 82.30 2 ♂ 2 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Crosby and Bishop, 1925).

This small spider was found on the ground in old leaf mold. It is closely related to *C. laticeps* (Emerton), but is slightly smaller; the head is somewhat smaller and the eyes are closer together; the posterior eyes are essentially equidistant, instead of the medians being decided closer together. The palpus and epigynum are not significantly different from *laticeps*.

Measurements:	♂ s (4)		♀ s (4)	
	Mm.	Ratio	Mm.	Ratio
Length	1.30	220	1.31	230
Carapace:				
Length .....	.59	100	.57	100
Width .....	.51	86	.50	88
Tibia-patella:				
I .....	.46	78	.45	79
IV .....	.49	83	.49	86

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 mi. S.E. Savannah; April 8 and 14, 1943; ♂ holotype, ♀ allotype, ♂ s ♀ s paratypes; W. Ivie collector.

Ceraticelus limnologicus Crosby and Bishop

Ceraticelus limnologicus Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264 : 32; *61-65.

RECORD:

81.32 2 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

Ceraticelus minutus (Emerton)

Ceratinella minuta Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 36; *8 : 4.

Ceraticelus minutus, Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264 : 34; *72-78.

RECORDS:

83.34 4 ♂ 4 ♀ Georgia: N.E. Toccoa; April 29, 1943; W. Ivie.

" 4 ♂ 4 ♀ Georgia: North of Clarkesville; April 27, 1943; W. Ivie.

This species lives on the ground in leaf mold.

Ceraticelus paludigena Crosby and Bishop

Ceraticelus paludigena Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264 : 39; *86-91.

RECORD:

82.30 ♂ ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912;
C. R. Crosby. (Crosby and Bishop, 1925). Types.

Ceraticelus pygmaeus (Emerton)

Ceratinella pygmaea Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 34; *7 : 4.

Ceraticelus pygmaeus, Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264 : 41; *95-97.

RECORDS:

81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.

83.34 ♀ Georgia: Clarkesville; April 27, 1943; W. Ivie.

Found in leaf mold.

Ceraticelus savannus Chamberlin and Ivie, new species

Figs. 108, 124.

RECORDS:

81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.

83.34 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

This species is close to *C. laetabilis* (Cambridge), agreeing with it in general features of size, color, and structure. The palpus and epigynum, however, are different, as shown in the figures.

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 mi. S.E. Savannah; April 8 and 14, 1943; ♂ holotype, ♀ allotype, ♂ s ♀ s paratypes; W. Ivie collector.

Found on the ground, under leaves.

Ceraticelus similis (Banks)*Ceratinella similis* Banks, 1892, *Proc. Acad. Phila.*, 31; *5: 61-61b.*Ceraticelus similis*, Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264: 42; *98-102.**RECORDS:**

80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

81.32 ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.

" ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

Ceraticelus tibialis (Fox)*Erigone (Ceratinella) tibialis* Fox, 1891, *Proc. Ent. Soc. Wash.*, 2: 45.*Ceraticelus tibialis*, Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264: 44; *103-105.**RECORD:**81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
Found in leaf mold.**Ceraticelus titivillitium Crosby and Bishop**

Fig. 107.

Ceraticelus titivillitium Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264: 45; *105-108.**RECORDS:**

81.32 ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.

82.30 2 ♂ Georgia: Billy's Island, Okefenokee Swamp; June, 1912;
C. R. Crosby. (Crosby and Bishop, 1925) .

♀. *Color*: Carapace very dark brown. Chelicerae dark reddish brown, becoming lighter distally. Sternum, labium, and endites dark blackish brown. Legs and palpi light yellowish brown. Abdomen dark gray, except basal sclerite, which is dark brown. Spinnerets medium brown.

Structure: Carapace normal, slightly arched back of eyes. Clypeus vertical, about two diameters of an a. s. eye. A. m. eyes a little smaller than the others. Anterior eye row faintly procurved; a. m. eyes scarcely more than a radius apart, slightly farther from the side eyes. Posterior row faintly recurved; eyes equidistant, a scant diameter apart. Median ocular quadrangle a little longer than wide, wider behind than in front. Sternum wider than long; posterior tip truncate, separating hind coxae by nearly two diameters. Legs moderately small; 4 1 2 3 in order of length. Abdomen globose, soft, except for a sclerite which covers the epigastric region, surrounds the pedicel, and extends upward a short distance to cover the anterior surface of the abdomen; four small chitinized muscle impressions on the dorsum. Epigynum as figured.

Measurements:

	Mm.	♀ Allotype Ratio
Length	1.15	245
Carapace:		
Length .....	.47	100
Width .....	.41	87

Tibia-patella:

I .....	.40	85
IV .....	.42	89

We designate our female as the allotype.

Genus CERATINELLA Emerton, 1882

Ceratinella brunnea Emerton

Ceratinella brunnea Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 36; *8 : 3.

Ceratinella brunnea, Crosby and Bishop, 1925, *N. Y. State Mus. Bull.*, 264 : 7; *1.

RECORD:

81.32 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.

Genus CERATINOPS Banks, 1905

Ceratinops crenata (Emerton)

Lophocarenum crenatum Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 51; *14 : 7.

Ceratinops crenata, Crosby and Bishop, 1933, *Ann. Ent. Soc. Amer.*, 26 : 111; *10-16.

RECORD:

81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
Found under leaves on the ground.

Genus CERATINOPSIS Emerton, 1882

Ceratinopsis anglicana (Hentz)

Theridion anglicanum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 275; *9 : 6.

Ceratinopsis anglicana, Bishop and Crosby, 1930, *Journ. N. Y. Ent. Soc.*, 38 : 15; *1-4.

RECORDS:

- 81.32 2 ♂ 4 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 " 2 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943;
 W. Ivie.
 82.32 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.
 84.30 2 ♀ Georgia: Bainbridge; Bradley. (Bishop and Crosby,
 1930).
 " ♀ Florida: Lake Bradford; April 31, 1927. (Bishop and
 Crosby, 1930).

Ceratinopsis bona Chamberlin and Ivie, new species

Figs. 112, 129.

RECORD:

81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April 8 and 14, 1943;
 W. Ivie.

Color: Carapace light reddish brown, with top of head, including the eye area, black. Chelicerae and endites orange brown. Sternum and labium similar, but slightly shaded with dusky, the labium more so. Legs yellowish brown, more or less shaded with dusky beyond patellae; tibia IV nearly

black, and distal end of femur IV dusky or blackish; tops of patellae pale. Abdomen light yellowish gray, sometimes shaded with darker gray. Spinnerets and post-abdomen blackish.

Structure close to that of *C. interpres*, except for differences in the palpus and epigynum.

<i>Measurements:</i>	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.60	200	1.80	217
<i>Carapace:</i>				
Length .....	.80	100	.83	100
Width .....	.58	73	.59	71
<i>Tibia-patella:</i>				
I .....	.67	84	.63	76
IV .....	.66	83	.62	75

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 8 and 14, 1943; ♂ holotype, ♀ allotype, ♂ s ♀ s paratypes; W. Ivie collector.

Ceratinopsis georgiana Chamberlin and Ivie, new species

Figs. 116, 125, 126.

RECORDS:

83.33 ♂ Georgia: East of Lexington; April 22, 1943; W. Ivie.

83.34 ♂ Georgia: Clarkesville; April 27, 1943; W. Ivie.

“ ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

Color: Carapace light brownish red, with top of head, enclosing eye area, black, and with a faint median dusky streak extending back from the head. Chelicerae and endites light reddish brown. Sternum light reddish brown, lightly shaded with dusky. Labium dusky. Legs light brown, with leg IV shaded beyond femur, but not black, and with the other legs more or less lightly shaded beyond femora. Palpal organs of male brown and black. Abdomen yellowish gray, shaded at posterior end, with spinnerets dusky.

Structure: ♂. Carapace ovoid, head narrow and moderately elevated. Clypeus high, about equal in height to length of posterior eye row. Eyes small, a. m. eyes a little smaller than the others. Anterior eye row procurved; a. m. eyes about two-thirds diameter apart, same distance from the side eyes. Posterior row straight; p. m. eyes about one and a half diameters apart, one diameter from the side eyes. Median ocular quadrangle a little wider than long, wider behind than in front. Sternum large, posterior tip extended, truncate; hind coxae separated by nearly two diameters of one of them. Legs moderately long, 1 4 2 3 in order of length. Palpus large; details of structure shown in the figures.

♀. Structure similar to that of male, except head less elevated and abdomen larger. Epigynum as shown in the figure.

Measurements:	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.60	213	1.70	227
Carapace:				
Length .....	.75	100	.75	100
Width .....	.60	80	.60	80
Tibia-patella:				
I .....	.75	100	.72	96
IV .....	.66	88	.67	89

TYPE LOCALITY: W 83° 31' : N 34° 36', Georgia: Clarkesville; April 27, 1943; ♂ holotype; Wilton Ivie collector.

This species is close to *C. atolma* Chamberlin, but there are minor differences in the palpus and the eyes.

Ceratinopsis interpres (Cambridge)

Erigone interpres Cambridge, 1874, *Proc. Zool. Soc. London*, 430; *55:1.

Ceratinopsis interpres, Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:37; *9:1.

Ceratinopsis interpres, Bishop and Crosby, 1930, *J. New York Ent. Soc.*, 38:19; *14-17.

RECORD:

81.33 ♀ South Carolina: Monetta; June 11, 1935; W. Ivie.

Ceratinopsis nigriceps Emerton

Ceratinopsis nigriceps Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:37; *9:2.

Ceratinopsis nigriceps, Bishop and Crosby, 1930, *J. New York Ent. Soc.*, 38:22; *22-26.

RECORDS:

81.32 ♂ 4 ♀ Georgia: Millen; April 16, 1943; W. Ivie.

“ ♂ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.

“ ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

82.30 ♂ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.

Ceratinopsis nigripalpis Emerton

Ceratinopsis nigripalpis Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:38; *9:4.

Ceratinopsis nigripalpis, Bishop and Crosby, 1930, *Journ. N. Y. Ent. Soc.*, 38:23; *27, 28.

RECORD:

82.30 2 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1930).

Ceratinopsis purpurescens (Keyserling)

Erigone purpurescens Keyserling, 1886, *Spin. Amer., Ther.*, 2:187; *17:248.

Ceratinopsis purpurescens, Bishop and Crosby, 1930, *Journ. N. Y. Ent. Soc.*, 38:25; *31-35.

RECORD:

..... Georgia. (Keyserling, 1886).

Ceratinopsis swanea Chamberlin and Ivie, new species

Figs. 117, 127, 128.

RECORD:

82.30 ♂ ♀ Florida: Jasper; June 15, 1935; W. Ivie. Types.

Color: Carapace light dusky orange, with eye area black. Mouthparts and sternum orange, the labium and sternum lightly shaded with dusky. Legs yellowish orange, shaded beyond the tibiae. Palpi orange yellow; palpal organs of male darker. Abdomen light gray or dirty white. Anterior spinnerets dusky orange; posterior spinnerets and postabdomen blackish.

Structure: Similar in general to that of *georgiana* and *atolma*, but more slender. ♂. Height of clypeus as great as length of posterior eye row. Anterior eye row slightly procurved; a. m. eyes about a radius apart, same distance from the side eyes. Posterior row faintly procurved; p. m. eyes a little more than a diameter apart, about a diameter from the side eyes. Median ocular quadrangle barely longer than wide, wider behind than in front. Legs moderately long, slender; 1 4 2 3 in order of length, 1 and 4 about equal. Abdomen slender, twice as long as wide. Palpus resembles that of *georgiana*, but differs in details; the tibia is proportionately larger and the tarsus smaller; the tibia is extended into a prominent spur on the ventral side.

♀. Resembles male rather closely. Head less elevated. Epigynum near that of *georgiana*.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.50	221	1.67	232
<i>Carapace:</i>				
Length .....	.68	100	.72	100
Width .....	.50	74	.51	71
<i>Tibia-patella:</i>				
I .....	.68	100	---	---
IV .....	.66	97	.73	101

TYPE LOCALITY: W 82° 57' : N 30° 35', Florida: Jasper; June 15, 1935; ♂ holotype, ♀ allotype; Wilton Ivie collector.

Ceratinopsis sylvania Chamberlin and Ivie, new species

Figs. 118, 132, 133.

RECORD:

81.32 ♂ 3 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie. Types.

Color: Carapace brownish red, with the head black. Mouthparts and sternum reddish brown, shaded with dusky. Legs and palpi entirely orange yellow, except palpal organs of male darker. Abdomen light gray, with the upper sides, a median dorsal band, and posterior cross bands of dark

gray; the venter and sides more or less tinged with reddish. Spinnerets dusky brown. Epigynum reddish brown.

Structure: ♂. Carapace ovoid; head broad and a little elevated. Clypeus convex, height about equal to four diameters of an a. s. eye. Eye area occupying the full width of the head; eyes small, the median eyes of both rows a little smaller than the laterals. Anterior row straight; a. m. eyes a diameter apart, three diameters from the side eyes. Posterior row faintly recurved; p. m. eyes about two diameters apart, three diameters from the side eyes. Median ocular quadrangle slightly longer than wide, wider behind than in front. Upper part of clypeus bearing many fine, vertical hairs. Chelicerae reclined. Sternum convex; surface roughened; hind end wide and truncate, separating hind coxae by more than two diameters. Legs of moderate size; 1 4 2 3 in order of length. Palpus with a long, distinctive tibial apophysis.

♀. Very similar to male. Palpi slender. Epigynum wide.

<i>Measurements:</i>	♂ Allotype		♀ Holotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.50	183	1.65	206
<i>Carapace:</i>				
Length .....	.82	100	.80	100
Width .....	.55	67	.58	72
<i>Tibia-patella:</i>				
I .....	.60	73	.66	82
IV .....	.58	71	.65	81

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♀ holotype, ♂ allotype, 2 ♀ paratypes; W. Ivie collector.

This species is related to *C. laticeps* Emerton.

Ceratinopsis tybeensis Chamberlin and Ivie, new species

Fig. 119

RECORD:

80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

♀. *Color:* Carapace light reddish brown, with eye area black. Chelicerae orange brown, shaded distally. Endites orange brown. Labium dusky brown. Sternum orange, shaded with dusky. Legs orange yellow, shaded with dusky beyond the femora. Abdomen pale gray above, more dusky below. Spinnerets and postabdomen dark dusky brown.

Structure: Essentially typical. Height of clypeus about three diameters of an a. s. eye. Anterior eye row straight; a. m. eyes about two-thirds diameter apart, one diameter from the side eyes. Posterior row straight; p. m. eyes three-fourths diameter apart, one and a quarter diameters from the side eyes. Median ocular quadrangle longer than wide,

slightly wider behind than in front. Legs 4 1 2 3 in order of length. Hind coxae separated by a little more than one diameter. Epigynum distinctive, as shown in the figure.

<i>Measurements:</i>		♀ Holotype
	Mm.	Ratio
Length	1.65	206
Carapace:		
Length .....	.80	100
Width .....	.58	72
Tibia-patella:		
I .....	.80	100
IV .....	.67	84

TYPE LOCALITY: W 80° 51' : N 32° 0', Georgia: Savannah Beach; May 4, 1943; ♀ holotype; Wilton Ivie collector.

Genus CORNICULARIA Menge, 1868

Cornicularia brevicornis Emerton

Cornicularia brevicornis Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 42; *11 : 5.
Cornicularia brevicornis, Crosby and Bishop, 1931, *J. New York Ent. Soc.*, 39 : 363; *12-17.

RECORDS:

- 83.34 ♂ Georgia: Tallulah Falls; October 18, 1926. (Crosby and Bishop, 1931).
- “ 2 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Cornicularia directa (Cambridge)

Erigone directa Cambridge, 1874, *Proc. Zool. Soc. London*, 439; *55 : 9.
Cornicularia directa, Crosby and Bishop, 1931, *J. New York Ent. Soc.*, 39 : 367; *27-33.

RECORD:

- 83.34 3 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Cornicularia dixiana Chamberlin and Ivie, new species

Figs. 109, 137, 138.

RECORDS:

- 81.32 ♂ Georgia: 3 mi S.E. Savannah; April 8, 1943; W. Ivie.
- “ ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
- “ 2 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
- 82.32 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.

Color: Carapace dusky brown. Chelicerae and endites reddish brown. Sternum and labium dusky brown. Palpi reddish brown. Legs orange. Abdomen gray, with an obscure median streak of darker gray above, and with a series of faint cross lines of light gray on the posterior part; shaded around spinnerets. Spinnerets and epigynum yellowish.

Structure: ♂. Differs from other known species of *Cornicularia* in the absence of a cephalic horn, but otherwise in close agreement. Carapace normal. Clypeus slightly protruding; height about two diameters of an a. s. eye. A. m. eyes smaller than the others. Anterior eye row straight; a. m. eyes subcontiguous, about two-thirds diameter from the side eyes. Posterior row faintly procurved; eyes equidistant, a little less than a diameter apart. Palpus small, structure shown in the figures. Legs 4 1 2 3 in order of length.

♀. Carapace moderately low, normal in shape. Clypeus less than two diameters of an a. m. eye in height. A. m. eyes a little smaller than the others. Anterior eye row straight; a. m. eyes less than a radius apart, about a radius from the side eyes. Posterior row straight; eyes equidistant, about two-thirds of a diameter apart. Sternum shield-shaped; posterior tip separating hind coxae by a scant diameter. Legs moderately large; 4 1 2 3 in order of length. Epigynum of the typical form, as shown in the figure.

Measurements:

	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.50	195	2.30	256
Carapace:				
Length .....	.77	100	.90	100
Width .....	.60	78	.66	73
Tibia-patella:				
I .....	.77	100	.88	98
IV .....	.78	101	.90	100

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 8, 1943, ♂ holotype; April 14, 1943, ♀ allotype; Wilton Ivie collector.

Genus *EPERIGONE* Crosby and Bishop, 1928*Eperigone banksi* Ivie and Barrows

Eperigone banksi Ivie and Barrows, 1935, *Bull. Univ. Utah.*, (Biol.)3(2):12; *20-24.

RECORD:

80.32 2 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

Eperigone inornata Ivie and Barrows

Eperigone inornata Ivie and Barrows, 1935, *Bull. Univ. Utah.*, (Biol.)3(2):10; *31, 32.

RECORDS:

80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

81.32 4 ♂ 4 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

82.30 ♂ ♀ Georgia: East side Okefenokee Swamp; August 23, 1933; W. Ivie.

83.34 ♀ Georgia: S.E. Toccoa; April 29, 1943; W. Ivie.

Eperigone maculata (Banks)

Tmeticus probatus (Cambridge), Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 52; *15 : 1.
(Not *Erigone probata* Cambridge).

Tmeticus maculatus Banks, 1892, *Proc. Acad. Phila.*, 41; *4 : 23.

Eperigone maculata, Crosby and Bishop, 1928, *N. Y. State Mus. Bull.*, 278 : 54; *127-131.

RECORDS:

- 81.32 ♂ Georgia: Thunderbolt; April, 1911. (Crosby and Bishop, 1928).
 “ ♂ 4 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 “ 3 ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 82.30 2 ♂ 4 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Crosby and Bishop, 1928).
 83.34 2 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 “ ♂ ♀ Georgia: Clarkesville; April 27, 1943; W. Ivie.
 “ 2 ♀ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.
 83.30 ♂ ♀ Florida: Monticello; April 6 and 7, 1927; F. Walker. (Crosby and Bishop, 1928).
 84.30 ♂ ♀ Florida: Appalachicola River; April 4, 1927; Hubbell. (Crosby and Bishop, 1928).
 “ ♀ Florida: Tallahassee; April 13, 1927. (Crosby and Bishop, 1928).

Eperigone tridentata (Emerton)

Tmeticus tridentatus Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 53; *15 : 2.

Eperigone tridentata, Crosby and Bishop, 1928, *N. Y. State Mus. Bull.*, 278 : 59; *139-142.

RECORD:

- 81.32 4 ♂ 4 ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.

Eperigone trilobata (Emerton)

Tmeticus trilobatus Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 53; *15 : 4.

Eperigone trilobata, Crosby and Bishop, 1928, *N. Y. State Mus. Bull.*, 278 : 61; *143-146.

RECORD:

- 82.30 2 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Crosby and Bishop, 1928).

Genus ERIGONE Audouin, 1827**Erigone autumnalis Emerton**

Erigone autumnalis Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 58; *17 : 8.

Erigone autumnalis, Crosby and Bishop, 1928, *N. Y. State Mus. Bull.*, 278 : 19; *18-20.

RECORDS:

- 80.32 4 ♂ 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 4 ♂ 4 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

Genus *FLORICOMUS* Crosby and Bishop, 1925*Floricomus floricomus* Crosby and Bishop*Floricomus floricomus* Crosby and Bishop, 1925, *Florida Ent.*, 9:33; *1-4.*Floricomus rostratus* (Emerton), Crosby and Bishop, 1935, *J. New York Ent. Soc.*, 53:40 (in part). (Not *Floricomus rostratus* (Emerton) ?).

RECORD:

- 82.30 ♂ Georgia: Okefenokee Swamp; May 28, 1922; A. H. Wright. Taken from stomach of a toad. (Crosby and Bishop, 1925). Holotype.

Floricomus setosus Chamberlin and Ivie, new species

Figs. 120, 134.

RECORDS:

- 81.32 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 “ ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.
 82.30 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.

Color: Carapace brown, a little darker on the head part. Chelicerae and endites brown. Sternum and labium dark dusky brown. Legs brown, lighter at the ends of each segment. Abdomen dark gray, with dorsal sclerite dusky brown.

Structure: ♂. Carapace not greatly modified, as usual in this genus. Head moderately elevated; clypeus as high as the length of the posterior eye row; a pair of short, stout spines on the clypeus just below the anterior eyes, projecting forward. A. m. eyes much smaller than the others. Anterior eye row faintly procurved; a. m. eyes subcontiguous, a little less than a diameter from the side eyes. Posterior row procurved; eyes equidistant, a scant diameter apart. Median ocular quadrangle longer than wide, wider behind than in front. Legs moderately large; 4 1 2 3 in order of length. Abdomen with a small dorsal sclerite at the base, occupying about two-fifths of the length and half the width of the abdomen. Abdomen covered with long coarse hairs. Palpus distinctive, as figured; the tibia with a prominent dorsal spur.

♀. Similar to male, except: head not elevated, and lacking the spines on the clypeus; general structure more robust, legs stouter, abdomen larger. Epigynum with a pair of large openings at the posterior end.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.40	212	1.65	250
Carapace:				
Length .....	.66	100	.66	100
Width .....	.57	86	.60	91

Tibia-patella:

I .....	.70	106	.60	91
IV .....	.70	106	.64	97

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♂ holotype; Wilton Ivie collector.

Floricomus tallulae Chamberlin and Ivie, new species

Figs. 121, 135, 136.

RECORDS:

- 83.34 3 ♂ ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 " 5 ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.
 " ♂ Georgia: Demorest; April 26, 1943; W. Ivie.
 " 4 ♂ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Color: Carapace with entire head part dusky brown, thoracic part yellowish. Chelicerae medium brown. Endites brownish yellow. Sternum and labium yellowish margined with black. Palpi brown in male, brownish yellow in female. Legs yellow. Abdomen dark gray, except dorsal sclerite, which is dusky brown. Spinnerets yellow.

Structure: Close to *F. nasuta* (Emerton) and *F. plumalis* (Crosby), but differing slightly in the shape of the head in the male, and in the palpus and epigynum. The abdomen of both sexes bears an inconspicuous sclerite on the basal part of the dorsum, which occupies about half the width and about half the length.

Measurements:

	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.70	190	1.60	213
Carapace:				
Length .....	.90	100	.75	100
Width .....	.65	72	.60	80
Tibia-patella:				
I .....	.70	78	.63	84
IV .....	.70	78	.63	84

TYPE LOCALITY: W 83° 48' : N 34° 18', Georgia: Gainesville; April 24, 1943; ♂ holotype, ♀ allotype, 2 ♂ paratypes; W. Ivie and B. J. Kaston collectors.

Genus GRAMMONOTA Emerton, 1882

Grammonota georgiana Chamberlin and Ivie, new species

Figs. 130, 131.

RECORD:

80.32 ♂ Georgia: Savannah Beach; May 4, 1943; W. Ivie. Holotype.

♂. *Color:* Carapace dark brown. Chelicerae reddish brown, lighter distally. Endites orange. Labium and sternum dark dusky brown. Legs and

palpi yellowish brown. Abdomen dark gray, with light gray markings on the dorsum, consisting of two rows of spots on the basal part, which change posteriorly into a series of transverse bars; venter a little lighter than sides. Spinnerets yellow.

Structure: Carapace normal. Clypeus slightly protruding; height nearly four diameters of an a. m. eye. Head slightly arched back of the eyes. A. m. eyes much smaller than the others. Anterior eye row faintly recurved; a. m. eyes subcontiguous, nearly a diameter from the side eyes. Posterior row faintly procurved; p. m. eyes a little less than a diameter apart, about a diameter from the side eyes. Median ocular quadrangle a little longer than wide, wider behind than in front. Fang groove of chelicerae with four large teeth on the front margin, four smaller teeth behind. Legs 4 1 2 3 in order of length. Palpus as illustrated.

Measurements:

	♂ Holotype	
	Mm.	Ratio
Length	1.93	193
Carapace:		
Length	1.00	100
Width .....	.73	73
Tibia-patella:		
I .....	.87	87
IV .....	.93	93

TYPE LOCALITY: W 80° 51' : N 32° 0', Georgia: Savannah Beach; May 4, 1943; ♂ holotype; Wilton Ivie collector.

Grammonota maculata Banks

Grammonota maculata Banks, 1896, *Trans. Amer. Ent. Soc.*, 23: 68.

Grammonota maculata, Bishop and Crosby, 1932, *J. New York Ent. Soc.*, 40: 401; *24-26.

RECORDS:

- 81.33 ♂ South Carolina: Aiken; August 22, 1933; W. Ivie.
 82.30 2 ♂ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1932).

Grammonota sclerata Ivie and Barrows

Grammonota sclerata Ivie and Barrows, 1935, *Bull. Univ. Utah*, (Biol.)3(2):14; *48-51.

RECORD:

- 81.32 3 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.

This species is close to, and may be identical with, *G. semipallida* Emerton.

Grammonota texana (Banks)

Acartauchenius texanus Banks, 1899, *Proc. Ent. Soc. Wash.*, 4 : 192.

Grammonota texana, Bishop and Crosby, 1932, *J. New York Ent. Soc.*, 40 : 409; *43-47.

RECORDS:

- 81.33 2 ♀ South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 4 ♂ 8 ♀ Georgia: Thunderbolt; June 26, 1912; C. R. Crosby.
 (Bishop and Crosby, 1932).
 82.30 ♂ 3 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912;
 C. R. Crosby. (Bishop and Crosby, 1932).
 84.30 ♀ Florida: Lake Jackson; April 12, 1927. (Bishop and
 Crosby, 1932).

Genus MASONETTA Chamberlin and Ivie, 1939

Masonetta floridana (Ivie and Barrows)

Caseola floridana Ivie and Barrows, 1935, *Bull. Univ. Utah*, (Biol.)3(2): 6; *9-14.

Masonetta floridana, Chamberlin and Ivie, 1939, *Verh. VII. Int. Kongr. Ent. Berlin*, 1 : 64.

RECORD:

- 82.30 2 ♂ 2 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933;
 W. Ivie.

Genus ORIGANATES Crosby and Bishop, 1933

Origanates rostratus (Emerton)

Lophocarenum rostratum Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 49; *14 : 1.

Origanates rostratus, Crosby and Bishop, 1933, *Ann. Ent. Soc. Amer.*, 26 : 154; *181-185.

RECORDS:

- 83.34 ♂ 4 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.
 " 2 ♂ Georgia: Tallulah Falls; October 18, 1926. (Crosby and
 Bishop, 1933).
 " 5 ♂ ♀ Georgia: Ridge on line between Towns and Rabun Counties;
 October 18, 1926. (Crosby and Bishop,
 1933).

Genus PELECOPSIS Simon, 1864

Pelecopsis moestum (Banks)

Ceratinella moesta Banks, 1892, *Proc. Acad. Phila.*, 32; *2 : 58, 5 : 58.

Pelecopsis moestum, Crosby and Bishop, 1931, *J. New York Ent. Soc.*, 39 : 385; *92-97.

RECORD:

- 81.32 3 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W.
 Ivie.

Genus *SCIASTES* Bishop and Crosby, 1938*Sciastes fuscus* Chamberlin and Ivie, new species

Fig. 122.

RECORD:

81.32 ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.

♀. *Color*: Carapace brown, with narrow black margins on the sides and dusky markings. Chelicerae orange. Endites orange, lightly shaded with dusky. Sternum and labium dark dusky brown. Legs and palpi yellowish, the coxae, the tibiae, and the metatarsi of the legs shaded with dusky. Abdomen blackish. Spinnerets dark dusky brown.

Structure: Carapace normal. Height of clypeus a little more than two diameters of an a. m. eye. A. m. eyes smaller than the others. Anterior eye row faintly procurved; a. m. eyes less than a radius apart, same distance from the side eyes. Posterior row faintly recurved; eyes equidistant, about two-thirds of a diameter apart. Legs 4 1 2 3 in order of length. Epigynum simple, as shown in the figure.

Measurements:

	Mm.	♀ Holotype Ratio
Length	1.45	207
Carapace:		
Length .....	.70	100
Width .....	.51	73
Tibia-patella:		
I .....	.60	86
IV .....	.67	96

TYPE LOCALITY: W 81° 4' ; N 32° 4', Georgia: 3 miles southeast of Savannah; April 14, 1943; ♀ holotype; Wilton Ivie collector.

Sciastes ogeechee Chamberlin and Ivie, new species

Fig. 115.

RECORD:

81.32 ♀ Georgia: South of Guyton; April 5, 1943; W. Ivie. Holotype.

♀. *Color*: Carapace orange brown, shaded on the side margins. Chelicerae orange. Endites light orange, shaded with dusky. Sternum and labium dusky brown. Legs and palpi light brownish yellow, with undersides of coxae shaded. Abdomen blackish. Spinnerets dusky brown.

Structure similar to *fuscus*, except for the epigynum and minor differences in the eyes. A. m. eyes much smaller than the others. Anterior eye row faintly recurved; a. m. eyes less than a radius apart, same distance from the side eyes. Posterior row straight; p. m. eyes barely more than a radius apart, about a radius from the side eyes.

<i>Measurements:</i>		♀ Holotype
	Mm.	Ratio
Length	1.75	232
Carapace:		
Length .....	.76	100
Width .....	.57	75
Tibia-patella:		
I .....	.70	92
IV .....	.77	101

TYPE LOCALITY: W 81° 22' : N 32° 15', Georgia: South of Guyton; April 5, 1943; ♀ holotype; Wilton Ivie collector.

Genus SCYLACEUS Bishop and Crosby, 1938

Scylaceus pallidus (Emerton)

Tmeticus pallidus Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6:55; *16:4.

Scylaceus pallidus, Bishop and Crosby, 1938, *J. New York Ent. Soc.*, 56:91; *77-80.

RECORDS:

- 83.34 2 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.
81.32 4 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Genus SISICOTTUS Bishop and Crosby, 1938

Sisicottus atypicus Chamberlin and Ivie, new species

Figs. 139, 140.

RECORD:

- 81.32 2 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

♂. *Color:* Carapace brown, lightly shaded and marked with dusky. Chelicerae reddish brown, lighter at distal end. Endites orange, with lighter tips. Sternum and labium dusky brown. Legs and palpi yellowish brown. Abdomen dark gray. Spinnerets dusky brown.

Structure: Carapace normal. Height of clypeus about two diameters of an a. m. eye. Anterior eye row procurved; a. m. eyes smaller than the side eyes, less than a radius apart, about a radius from the side eyes. Posterior row straight; p. m. eyes barely more than a radius apart, a little less than a radius from the side eyes. Median ocular quadrangle about as wide as long, wider behind than in front. Chelicerae with a spur on the front, mesally and distally. Sternum large, about as wide as long; separates the hind coxae by nearly a diameter. Legs 4 1 2 3 in order of length, 4 and 1 nearly equal. Palpus atypical; details shown in the figures.

<i>Measurements:</i>		♂
	Mm.	Ratio
Length	1.60	200

Carapace:

Length .....	.80	100
Width .....	.60	75

Tibia-patella:

I .....	.74	92
IV .....	.75	94

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♂ holotype, ♂ paratype; W. Ivie collector.

Genus *SOUDINUS* Crosby and Bishop, 1936*Soudinus corneliae* Chamberlin and Ivie, new species

Fig. 113.

RECORD:

83.34 ♀ Georgia: Demorest; April 26, 1943; W. Ivie. Holotype.

♀. *Color*: Carapace dusky brown. Chelicerae and endites reddish brown, shaded with dusky. Sternum and labium dark dusky brown. Legs and palpi light dusky brown. Abdomen blackish. Spinnerets dusky brown.

Structure: Carapace normal. Clypeus slightly protruding; height about three diameters of an a. m. eye. A. m. eyes much smaller than the others. Anterior eye row slightly recurved; a. m. eyes about a radius apart, nearly a diameter from the side eyes. Posterior row recurved; p. m. eyes about three-fourths diameter apart, slightly closer to the side eyes. Median ocular quadrangle about as wide as long, wider than in front. Sternum large, rounded behind; separates hind coxae by more than a diameter of one of them. Epigynum formed from a transversely oval, convex plate, which is separated from another anterior plate by a deep narrow groove.

Measurements:

♀ Holotype

	Mm.	Ratio
Length	2.05	241
Carapace:		
Length .....	.85	100
Width .....	.65	78
Tibia-patella:		
I .....	.81	95
IV .....	.94	111

TYPE LOCALITY: W 83° 32' : N 34° 33', Georgia: Demorest; April 26, 1943; ♀ holotype; Wilton Ivie collector.

Genus SOUGAMBUS Crosby and Bishop, 1936

Sougambus georgiensis Chamberlin and Ivie, new species

Fig. 114.

RECORDS:

81.32 2 ♀ Georgia: South of Guyton; April 5, 1943; W. Ivie.

83.34 ♀ Georgia: N.E. Lula; April 26, 1943; W. Ivie.

" ♀ Georgia: North of Clarkesville; April 27, 1943; W. Ivie.

♀. *Color*: Carapace yellowish orange; eyes ringed with black. Chelicerae and endites orange. Sternum and labium dusky brown. Legs and palpi yellow. Abdomen pale gray above, with a median longitudinal patch of dark gray; sides and venter dark gray. Spinnerets yellowish orange.

Structure: Carapace moderately wide and low. Height of clypeus about two diameters of an a. s. eye. A. m. eyes smaller than the others. Anterior eye row procurved; a. m. eyes a little less than a diameter apart, a little more than a diameter from the side eyes. Posterior row procurved; eyes equidistant, nearly a diameter apart. Sternum large; posterior end broad and truncate, separating hind coxae by about a length of one of them. Legs 4 1 2 3 in order of length. Abdomen somewhat flattened. Epigynum a simple rounded lobe.

Measurements:

	♂	
	Mm.	Ratio
Length	1.47	237
<i>Carapace</i> :		
Length .....	.62	100
Width .....	.53	85
<i>Tibia-patella</i> :		
I .....	.57	92
IV .....	.63	102

TYPE LOCALITY: W 81° 22' : N 32° 15', Georgia: South of Guyton; April 5, 1943; ♀ holotype, ♀ paratype; Wilton Ivie collector.

Genus WALCKENAERA Blackwall, 1833

Walckenaera vigilax (Blackwall)

Neriene vigilax Blackwall, 1853, *Ann. & Mag. Nat. Hist.*, (2)11: 24; *120.

Spiropalpus spiralis Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6: 39; *10: 6.

Walckenaera vigilax, Crosby and Bishop, 1931, *J. New York Ent. Soc.*, 39: 378; *71-75.

RECORD:

82.30 3 ♂ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby (Crosby and Bishop, 1931).

LINYPHIIDAE

Genus ANIBONTES Chamberlin, 1924

Anibontes longipes Chamberlin and Ivie, new species

Figs. 141, 142.

RECORD:

80.32 ♂ ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie. Types.

Color: Carapace light brownish yellow, with the sides back of the eyes dusky—the dusky area occupying one-third of the width on each side, leaving the median third pale. Chelicerae and endites orange. Labium and sternum yellowish, shaded with dusky. Legs and palpi yellowish orange. The abdomen pale gray, with a series of large gray spots along each side above, the two basal spots on each side more or less coalesced; venter with a narrow broken band of dark gray along each side and passing around the spinnerets posteriorly; a small white median streak just above the spinnerets. Spinnerets yellowish orange.

Structure: ♂. Carapace, in outline, longer than wide, narrow at base, widest anterior to middle; head wide, clypeus rounded across front. Carapace, in profile, moderately low; head slightly elevated above the thoracic part; clypeus nearly vertical, about four diameters of an a. s. eye in height; a. m. eyes protruding slightly over base of clypeus. Eyes small; a. m. eyes smaller than the others. Anterior eye row straight; a. m. eyes a diameter apart, one and one-half diameters from the side eyes. Posterior row faintly procurved; p. m. eyes a diameter apart, one and one-half diameters from the side eyes. Median ocular quadrangle longer than wide, a little wider behind than in front. Chelicerae divergent, stout at base, narrow at distal end, no teeth evident in front; fang long, straight basally, curved distally. Legs long, moderately slender, 1 2 4 3 in order of length. Abdomen rather small, oval. Palpus small.

♀. More normal in structure than the male. Carapace of normal shape. Anterior eye row straight; a. m. eyes about a radius apart, a diameter from the side eyes. Posterior row straight; eyes equidistant, about three-fourths diameter apart. Chelicerae moderately stout, somewhat divergent distally; fang moderately stout, slightly sinuous; fang groove with four large teeth and a small one on front margin, four small teeth close together on hind margin. Endites nearly parallel, widely separated at tips. Legs as in male. Abdomen normal, larger than in male. Epigynum only slightly protruding; the figure shows its form from the ventral view.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	2.25	188	2.30	247
Carapace:				
Length	1.20	100	.93	100
Width .....	.85	71	.65	70

Tibia-patella:

I	1.60	133	1.50	161
IV	1.15	96	1.10	118

TYPE LOCALITY: W 80° 51' : N 32° 0', Georgia: Savannah Beach, May 4, 1943; ♂ holotype, ♀ allotype; Wilton Ivie collector.

Found in webs near the ground in a thick growth of plants.

Genus CENTROMERUS Dahl, 1886

Centromerus claytoni Chamberlin and Ivie, new species

Fig. 143.

RECORDS:

- 83.34 ♂ 4 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie. Types.
 “ ♀ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Color: Carapace, mouthparts, sternum, legs, and palpi orange—the carapace, sternum, labium, and male palpus more or less shaded with dusky. Abdomen gray. Spinnerets and epigynum orange.

Structure: ♂. Carapace rather low and wide. Height of clypeus nearly three diameters of an a. s. eye. Eyes small; a. m. eyes a little smaller than the others. Anterior eye row straight; a. m. eyes less than a diameter apart, a little more than a diameter from the side eyes. Posterior row straight; eyes a little more than a diameter apart. Median ocular quadrangle wider than long, wider behind than in front. Chelicerae stout, widened distally; fang long, slightly sinuate; front margin of fang groove with six teeth, the second and third from the inside long and sharp. Sternum sub-triangular, wider than long; separating hind coxae by less than one of their diameters. Legs short; 4 1 2 3 in order of length. Palpus large; some of the more significant details are shown in the figure.

♀. General structure similar to that of the male. Carapace proportionately narrower. Chelicerae short and stout. Sternum more shield-shaped. Palpus with a distinct claw. Epigynum large, with a wrinkled scape, wide at base, narrowing rapidly, then expanding into a spatulate tip.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.60	200	1.65	236
Carapace:				
Length .....	.80	100	.70	100
Width .....	.67	84	.58	83
Tibia-patella:				
I .....	.66	83	.60	86
IV .....	.67	84	.65	93

TYPE LOCALITY: W 83° 28' : N 34° 53', Georgia: N.W. Clayton;

April 28, 1943; ♀ holotype, ♂ allotype, 10 ♀ paratypes; Wilton Ivie collector.

This species is closely related to *Centromerus quinquedentatus* (Emerton) (*Microneta quinquedentata* Emerton, 1882). The epigyna are very similar; the male palpi vary considerably in detail; the size of this species is much smaller.

Genus FRONTINELLA F. Cambridge, 1902

Frontinella pyramitela (Walckenaer)

Abbot, 1792, Spiders of Georgia, *54, 247 (type). MSS.

Linyphia pyramitela Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:261.

Linyphia communis Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6:28; *4:4.

Frontinella communis, F. Cambridge, 1902, *Biol. Centr. Amer.*, 2:422.

Frontinella communis, Blauvelt, 1936, *Festschrift Embrik Strand*, 2:145; *90-95.

RECORDS:

- 80.34 ♂ South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.32 4 ♂ 4 ♀ Georgia: Brier Cr., 7 mi No. Sylvania; April 13, 1943; W. Ivie.
 82.34 2 ♀ Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
 82.33 3 ♀ Georgia: Bell to Washington; April 30, 1943; W. Ivie.
 82.32 ♂ Georgia: Lyons; June 11, 1935; W. Ivie.
 83.34 8 ♂ 8 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.
 84.32 ♀, Im. Georgia: Fort Benning; October 21, 1943; D. E. Beck.
 84.30 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

This species occurs abundantly, with its webs on low plants.

Genus LEPHTHYPHANTES Menge, 1866

Lephtyphantes appalachia Chamberlin and Ivie, new species

Bathyphantes sabulosus, Banks, 1892, *Proc. Acad. Phila.*, 45. (Not *Linyphia sabulosa* Keyserling).

Lephtyphantes sabulosa, Zorsch, 1937, *Amer. Midl. Nat.*, 18:890; *73-78.

RECORDS:

- 81.32 ♀ Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.
 83.34 2 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 " ♀ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

This species evidently does not occur in Utah, the type locality of *Linyphia sabulosa* Keyserling; so, we here propose a new name for the eastern species commonly referred to *sabulosus*. It has been sufficiently well described by Zorsch as to need no further description at this time.

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 4, 1943; ♀ holotype; Wilton Ivie collector.

Lepthyphantes leprosa (Ohlert)

Linyphia leprosa Ohlert, 1865, Archn. Studien, 12.

Linyphia galbea Keyserling, 1886, Spin. Amer., Ther., 2: 83; *14: 178.

Lepthyphantes leprosa, Zorsch, 1937, Amer. Midl. Nat., 18: 861; *7-13.

RECORD:

..... ♀ *Georgia*. (Keyserling, 1886). Holotype of *L. galbea*.

Lepthyphantes nebulosus (Sundevall)

Linyphia nebulosa Sundevall; 1830, Svenska Spindlar, 218.

Linyphia nebulosa, Keyserling, 1886, Spin. Amer., Ther., 2: 75; *13: 174.

Lepthyphantes nebulosa, Zorsch, 1937, Amer. Midl. Nat., 18: 864; *16-23.

RECORD:

..... ♂ 2 ♀ *Georgia*. *Simon Collection*. (Keyserling, 1886).

Genus LINYPHIA Latreille, 1804

Linyphia davisii Gertsch

(Description to be published soon).

RECORD:

81.32 3 ♀ *Georgia*: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

Linyphia maculata Emerton

Linyphia maculata Emerton, 1909, *Trans. Conn. Acad. Sci.*, 14: 195; *4: 10.

Linyphia maculata, Blauvelt, 1936, *Festschrift Embrik Strand*, 2: 103; *16-20.

RECORDS:

83.34 Im. *Georgia*: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

“ 4 imm. *Georgia*: N.W. Clayton; April 28, 1943; W. Ivie.

Linyphia marginata C. Koch

Abbot, 1792, *Spiders of Georgia*, *55, 514.

Linyphia marginata C. Koch, 1834, *Herr. Schaeff. Deutsch. Ins.*, 127: 21.

Linyphia radiata Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2: 262. (*55).

Linyphia marginata, Blauvelt, 1936, *Festschrift Embrik Strand*, 2: 110; *26-31.

RECORDS:

81.32 ♀ *Georgia*: West of Sylvania; April 11, 1943; W. Ivie.

“ ♀ *Georgia*: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.

“ ♀ *Georgia*: “*Burke County*”; May 3; *J. Abbot*. (Walckenaer, 1841).

83.34 ♂ *Georgia*: N.W. Clayton; April 28, 1943; W. Ivie.

“ ♂ *Georgia*: Clarkesville; April 27, 1943; W. Ivie.

Genus *LINYPHIELLA* Banks, 1905*Linyphiella coccinea* (Hentz)*Linyphia coccinea* Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 30; *4 : 8.*Linyphiella coccinea*, Banks, 1905, *American Naturalist*, 39 : 311.*Frontinella coccinea*, Blauvelt, 1936, *Festschrift Embrik Strand*, 2 : 149; *96-100.

RECORDS:

- 81.32 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 " 2 ♀ Georgia: 3 mi. S.E. Savannah; April 4 and 8, 1943; W. Ivie.
 " ♀ Georgia: Millen; April 16, 1943; W. Ivie.
 82.34 ♀ Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
 83.33 ♀ Georgia: West of Lexington; April 22, 1943; W. Ivie.

Genus *MEIONETA* Dahl, 1911*Meioneta barrowsi* Chamberlin and Ivie, new species

Figs. 153, 154.

RECORDS:

- 83.34 3 ♂ 4 ♀ Georgia: Demorest; April 26, 1943; W. Ivie. Types.
 " 2 ♂ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Color: Carapace dusky brown. Chelicerae and endites brown, shaded with dusky. Sternum and labium dark dusky brown. Palpi dusky brown. Legs light brown, lightly shaded with dusky. Abdomen blackish. Spinnerets dusky brown.

Structure: Size medium. Essentially typical in most features. Legs moderately long and slender; 1 4 2 3 in order of length, 1 and 4 about equal, especially in the female. Height of clypeus about two diameters of an a. s. eye. A. m. eyes smaller than the others. Anterior eye row straight; a. m. eyes about a radius apart, nearly a diameter from the side eyes. Posterior row straight; eyes equidistant, about two-thirds of a diameter apart. Median ocular quadrangle slightly longer than wide, wider behind than in front. Palpus and epigynum distinct, as shown in the figures.

Measurements:

	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.75	224	1.65	236
Carapace:				
Length .....	.78	100	.70	100
Width .....	.60	77	.55	79
Tibia-patella:				
I	1.00	128	.90	129
IV .....	.95	122	.87	124

TYPE LOCALITY: W 83° 32' : N 34° 33', Georgia: Demorest; April 26, 1943; ♂ holotype, ♀ allotype, 2 ♂ 5 ♀ paratypes; W. Ivie collector.

Meioneta dactylata Chamberlin and Ivie, new species

Fig. 157.

RECORD:

83.34 ♂ Georgia: N. W. Clayton; April 28, 1943; W. Ivie. Holotype.

♂. *Color*: Carapace orange, lightly shaded on the sides. Chelicerae and endites orange. Sternum and labium dusky yellow. Legs yellowish. Abdomen medium gray, somewhat faded on dorsum. Spinnerets dusky orange.

Structure: Carapace moderately wide and low. Height of clypeus about two diameters of an a. m. eye. A. m. eyes slightly smaller than the others. Anterior eye row slightly recurved; a. m. eyes less than a radius apart, same distance from the side eyes. Posterior row straight; eyes equidistant, about two-thirds diameter apart. Median ocular quadrangle a little longer than wide, slightly wider behind than in front. Chelicerae excavated in region of fang groove, and somewhat constricted around the base of the fang; three small teeth in front of fang, a keel and two small denticles behind. Legs long and slender; 1 4 2 3 in order of length. Palpus distinctive; cymbium angulate and also bearing a slender finger-like process.

Measurements:

♂ Holotype

	Mm.	Ratio
Length	1.60	200
Carapace:		
Length .....	.80	100
Width .....	.65	81
Tibia-patella:		
I	1.27	159
IV .....	.94	117

TYPE LOCALITY: W 83° 28' : N 34° 53', Georgia: Northwest of Clayton; April 28, 1943; Wilton Ivie collector.

Meioneta decorata Chamberlin and Ivie, new species

Figs. 155, 156.

RECORD:

80.32 2 ♂ 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie. Types.

Color: ♂. Carapace dusky brown, paler in the center. Chelicerae dusky brown, with bases and tips light. Endites, labium, and sternum dusky brown. Legs bright yellow. Palpi dusky brown. Abdomen blackish, with a whitish spot above the spinnerets and a wide white band across the middle of the dorsum. Spinnerets dusky brown.

♀. Carapace yellowish, with a broad dusky band along each side margin. Chelicerae orange brown. Endites, labium, and sternum light dusky brown. Legs light brownish yellow, with the joints narrowly darkened. Palpi yellowish. Abdomen light grayish, with two rows of diffused dark

gray spots along the dorsum, with a dark gray diffused band along the lower side, which joins a broad blackish transverse band just above the spinnerets; venter pale gray, more or less clouded with darker gray. Spinnerets brownish yellow.

Structure: Size moderately large; the general appearance somewhat resembling *M. micaria* (Emerton). Legs moderately long and slender. Abdomen of female large, that of the male slender, but not constricted or depressed in the middle. Height of clypeus in both sexes about two diameters of an a. m. eye. Anterior eye row straight; a. m. eyes slightly smaller than the side eyes, about a radius apart, a little more than a radius from the side eyes. Posterior row straight; eyes equidistant, a little less than a diameter apart. Epigynum and palpus distinctive; the cymbium of the palpus angulate on the dorsal side.

Measurements:

	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.53	200	1.95	244
Carapace:				
Length .....	.76	100	.80	100
Width .....	.60	79	.60	75
Tibia-patella:				
I	1.18	155	1.27	159
IV .....	.80	105	.93	116

TYPE LOCALITY: W 80° 51' : N 32° 0', Georgia: Savannah Beach; May 4, 1943; ♂ holotype, ♀ allotype, ♂ 3 ♀ paratypes; W. Ivie collector. Found in dense vegetation, with webs near the ground.

***Meioneta formica* (Emerton)**

Bathypantes formica Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6: 71; *22: 7.

Erigone formica, Keyserling, 1886, *Spin. Amer., Ther.*, 2: 185; *17: 245.

RECORDS:

- 80.32 2 ♂ 2 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 2 ♂ ♀ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 " ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 82.34 ♀ Georgia: N.W. Elberton; April 30, 1943; W. Ivie.

***Meioneta fuscipes* Chamberlin and Ivie, new species**

Figs. 158, 159.

RECORDS:

- 81.32 ♀ Georgia: Sylvania to Sardis; April 20, 1943; W. Ivie.
 " ♂ ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 82.30 ♂ Georgia: E. side Okefenokee Swamp; August 23, 1943; W. Ivie.

Color: Carapace dusky brown, with radii and other marks blackish. Mouthparts and sternum dark dusky brown. Palpi dark dusky brown. Legs yellowish brown, shaded with dusky; dark on coxae, trochanters, and femora becoming gradually lighter distally. Abdomen black, with more or less of a white spot above the spinnerets in the female, but no spot present in the male. Spinnerets dark dusky brown.

Structure essentially normal. Somewhat slender, with long legs. Height of clypeus more than two diameters of an a. s. eye. A. m. eyes much smaller than the others. Anterior eye row faintly procurved; a. m. eyes about a radius apart, nearly a diameter from the side eyes. Posterior row straight; p. m. eyes about three-fifths diameter apart, about a radius from the side eyes. Median ocular quadrangle longer than wide, wider behind than in front. Legs 4 1 2 3 in order of length. Palpus and epigynum distinctive.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.57	215	1.65	229
<i>Carapace:</i>				
Length .....	.73	100	.72	100
Width .....	.56	77	.55	76
<i>Tibia-patella:</i>				
I .....	.85	116	.90	125
IV .....	.87	119	.92	128

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♂ holotype, ♀ allotype; W. Ivie collector.

Meioneta imitata Chamberlin and Ivie, new species

Fig. 160.

RECORDS:

- 81.32 ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie. Type.
 " ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.

♀. In color, size, and structure, this species very closely resembles *M. leucophora* n. sp. The epigynum, however, is distinctly different. Leg 4 is longer than leg 1.

<i>Measurements:</i>	♀ Holotype	
	Mm.	Ratio
Length	1.40	233
<i>Carapace:</i>		
Length .....	.60	100
Width .....	.47	78
<i>Tibia-patella:</i>		
I .....	.72	120
IV .....	.75	125

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 14, 1943; ♀ holotype; Wilton Ivie collector.

Meioneta leucophora Chamberlin and Ivie, new species

Figs. 147, 148.

RECORDS:

- 81.32 2 ♂ Georgia: Millen; April 16, 1943; W. Ivie.
 " ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie. Holotype.
 " ♂ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 " ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie. Allotype.

Color: Carapace brown, shaded with dusky. Chelicerae orange brown, lightly shaded with dusky on middle of front. Endites dusky orange. Sternum and labium dark dusky brown, sometimes faded in the middle. Legs yellowish. Palpi of female dusky brown, darker beyond patella. Palpus of male dusky brown. Abdomen dark gray, with a large white spot above the spinnerets, and with a pair of large faded patches on top of the dorsum. Spinnerets dusky brown.

Structure essentially typical, except for differences in the palpus and epigynum. Leg 4 as long as leg 1.

Measurements:

	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.50	214	1.45	242
Carapace:				
Length .....	.70	100	.60	100
Width .....	.54	77	.45	75
Tibia-patella:				
I .....	.90	129	.66	110
IV .....	.90	129	.67	112

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♂ holotype; Wilton Ivie collector.

Meioneta longipes Chamberlin and Ivie, new species

Fig. 184.

RECORD:

- 81.32 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie. Holotype.

♀. *Color:* Carapace dusky brown. Chelicerae dusky brown, with distal ends light brownish. Endites dusky brown. Sternum and labium dark dusky brown. Legs and palpi dusky brown. Abdomen blackish, with a small faded spot above the spinnerets. Spinnerets dusky brown.

Structure: Essentially typical. Height of clypeus about three diameters of an a. m. eye. A. m. eyes smaller than the others. Anterior eye row straight; a. m. eyes about a radius apart, slightly farther from the side

eyes. Posterior row faintly procurved; p. m. eyes about three-fourths diameter apart, a little closer to the side eyes. Legs long and slender; 4 1 ♀ in order of length. Epigynum moderately protruding; ventral surface depressed.

Measurements:	♀ Holotype	
	Mm.	Ratio
Length	1.65	236
Carapace:		
Length .....	.70	100
Width .....	.53	76
Tibia-patella:		
I .....	.90	129
IV .....	.92	131

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♀ holotype; Wilton Ivie collector.

Meioneta micaria (Emerton)

Bathypantes micaria Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 71; *22 : 6.

Erigone zonaria Keyserling, 1886, *Spin. Amer. Ther.*, 2 : 196; *18 : 256.

RECORDS:

- 80.32 2 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 ♀ Georgia: Savannah; June 2; George Marx. (Keyserling, 1886; holotype of *Erigone zonaria* Keyserling).
 " ♂ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 " 2 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 83.34 Im. Georgia: N.E. Lula; April 26, 1943; W. Ivie.
 Georgia. (Petrunkevitch, 1911; Catalogue).

Meioneta minorata Chamberlin and Ivie, new species

Fig. 146.

RECORD:

- 82.30 ♂ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.

♂. *Color*: Carapace yellowish, lightly shaded with dusky. Chelicerae and endites orange. Sternum and labium dusky yellow. Legs yellowish. Abdomen dark gray, with a large white spot above the spinnerets. Spinnerets yellowish.

Structure: Size small. Height of clypeus a little less than two diameters of an a. m. eye. A. m. eyes slightly smaller than the others. Anterior eye row straight; eyes subcontiguous. Posterior row straight; p. m. eyes slightly more than a radius apart, slightly less than a radius from the side eyes. Median ocular quadrangle as wide as long, wider behind than in front. Chelicerae somewhat excavated in region of the fang groove. Legs 1 4 2 3

in order of length. Palpus distinctive; the cymbium bears a short process at the base.

Measurements:		♂ Holotype	
	Mm.		Ratio
Length	1.10		200
Carapace:			
Length .....	.55		100
Width .....	.45		82
Tibia-patella:			
I .....	.70		127
IV .....	.65		118

TYPE LOCALITY: W 82° 5' : N 30° 50', Georgia: East side of Okefenokee Swamp; August 23, 1933; ♂ holotype; Wilton Ivie collector.

Meioneta olivena (Barrows)

Microneta olivena Barrows, 1940, *Ohio Journ. Sci.*, 40: 136; *8-8b.

RECORD:

83.34 ♂ 2 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Meioneta picta Chamberlin and Ivie, new species

Figs. 151, 152.

RECORDS:

81.32 ♂ 2 ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
Types.

“ 2 ♀ Same; April 14, 1943; W. Ivie.

Color: Carapace brown, shaded with dusky. Chelicerae orange brown in the male, dusky brown in the female, with mesal sides lighter toward distal end. Endites orange brown, lightly shaded with dusky in the male, dusky brown in the female. Sternum and labium dusky brown. Palpi dusky brown, nearly black beyond patella in female. Legs yellowish. Abdomen of male dark gray, encircled around the middle with a wide whitish band. Abdomen of female dark gray, with a white spot above the spinnerets, and with the dorsum more or less faded.

Structure: Close to *micaria*, but with distinctive genitalia. ♂: Height of clypeus a little more than two diameters of an a. m. eye. A. m. eyes smaller than the others. Anterior eye row straight; a. m. eyes about a radius apart, about a diameter from the side eyes. Posterior row straight; eyes equidistant, a little less than a diameter apart. Chelicerae vertical, slightly divergent distally; excavated in the region of the fang groove. Legs moderately long, 1 4 2 3 in order of length. Abdomen slender, depressed across the middle above. Palpus distinctive, as shown in the figure. ♀: Normal, distinguishable mainly by the form of the epigynum.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.65	214	1.65	243
Carapace:				
Length .....	.77	100	.68	100
Width .....	.58	75	.53	78
Tibia-patella:				
I .....	.89	115	.80	118
IV .....	.82	106	.78	115

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 8, 1943, ♂ holotype, ♀ allotype, ♀ paratype; April 14, 1943, 2 ♀ paratypes; Wilton Ivie collector.

***Meioneta regina* Chamberlin and Ivie, new species**

Fig. 183.

RECORDS:

81.32 ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie. Holotype.

83.34 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie. Paratype.

♀. *Color:* Carapace, mouthparts, sternum, and palpus dark dusky brown. Legs bright yellow, with coxae dusky, with the bases of the femora blackish, especially on the sides, and with the distal end of tibia I shaded. Abdomen blackish with a small faded spot above the spinnerets. Spinnerets dark dusky brown.

Structure: Essentially typical. Distinguishable by the form of the epigynum.

<i>Measurements:</i>	♀ Holotype	
	Mm.	Ratio
Length	1.50	231
Carapace:		
Length .....	.65	100
Width .....	.45	70
Tibia-patella:		
I .....	.65	100
IV .....	.67	103

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 8, 1943; ♀ holotype; Wilton Ivie collector.

***Meioneta semipallida* Chamberlin and Ivie, new species**

Figs. 144, 145.

RECORDS:

81.32 4 ♂ 3 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie. Types.

82.33 ♀
 " 2 ♀

Georgia: 2 mi. west Sylvania; April 11, 1943; W. Ivie.
 Georgia: Wrens; August 22, 1933; W. Ivie.

Color: Carapace dusky brown, darker around the eye area and on the margins. Chelicerae and endites yellow brown, shaded with dusky. Sternum and labium dusky brown. Legs brownish yellow, with the joints more or less darkened. Palpus of female with the femur yellowish, the tibia and tarsus brownish. Palpus of male dusky brown. Abdomen blackish, with pale gray markings above, consisting of a narrow median band which becomes broken posteriorly, a large whitish spot or transverse bar above the spinnerets, and a large longitudinal patch on each side of the dorsum; sides of venter sometimes pale. Spinnerets dusky brown.

Structure: Small and moderately delicate. Essentially typical, without special modifications other than differences in the palpus and epigynum. Anterior eye row straight; median eyes smaller than the laterals; a. m. eyes less than a radius apart, even closer to the side eyes. Posterior row straight; p. m. eyes about a radius apart, a little farther from the side eyes. Median ocular quadrangle longer than wide, wider behind than in front. Legs moderately slender; 1 4 2 3 in order of length.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.40	222	1.45	242
Carapace:				
Length .....	.63	100	.60	100
Width .....	.45	71	.45	75
Tibia-patella:				
I .....	.75	119	.70	117
IV .....	.68	108	.67	112

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♂ holotype, ♀ allotype, 2 ♀ paratypes; Wilton Ivie collector.

Meioneta unimaculata (Banks)

hathypantes unimaculatus Banks, 1892, *Proc. Acad. Phila.*, 45; *2:65.

RECORDS:

- 80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 " ♂ 4 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 82.33 2 ♂ 3 ♀ Georgia: Wrens; August 22, 1933; W. Ivie.
 " ♀ Georgia: Bell to Washington; April 30, 1943; W. Ivie.
 83.34 ♀ Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

Meioneta zebrina Chamberlin and Ivie, new species

Figs. 149, 150.

RECORDS:

- 81.32 4 ♂ 2 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie. Types.
 " ♂ Georgia: South of Guyton; April 5, 1943; W. Ivie.
 " ♂ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 " 2 ♀ Georgia: No. Sylvania; April 7 and 10, 1943; W. Ivie.
 82.32 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.

Color: Carapace dusky brown. Chelicerae and endites orange brown, shaded with dusky. Sternum and labium dark dusky brown. Legs yellow, with a dusky stripe along each side of the femora. Palpus of female dusky brown. Palpus of male with femur and patella yellowish, with a black stripe along each side; distal part dusky brown. Abdomen blackish, with a white spot above the spinnerets and a series of four large chevron-like, pale gray, cross bands on dorsum (these cross bands tending to become reduced and obscured or even absent in the male). Spinnerets dusky brown.

Structure essentially typical, without special modifications. Anterior eye row straight; a. m. eyes a little smaller than the side eyes, about a radius apart, same distance from the side eyes. Posterior row straight; p. m. eyes a radius or more apart, a little closer to the side eyes. Palpus and epigynum distinctive, as shown in the figures.

<i>Measurements:</i>	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.45	207	1.70	243
Carapace:				
Length .....	.70	100	.70	100
Width .....	.55	79	.55	79
Tibia-patella:				
I .....	.80	114	.87	124
IV .....	.79	113	.85	121

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 13, 1943; ♂ holotype, ♀ allotype, 3 ♂ paratypes; W. Ivie collector.

Meioneta zygia (Keyserling)

Erigone zygia Keyserling, 1886, Spin. Amer., Ther., 2: 197; *18: 257.

Bathypantes zygios, Banks, 1892, Proc. Acad. Phila., 45.

RECORDS:

- 81.32 ♀ Georgia: Savannah; George Marx collector. (Keyserling, 1886).
 84.33 ♀ Georgia: Atlanta; George Marx collector. (Keyserling, 1886).
 These two females constitute the types of the species.

Genus MICRONETA Menge, 1868

Microneta latidens Emerton

- Microneta latidens* Emerton, 1882, *Trans. Conn. Acad. Sci.*, 6 : 76; *24 : 4.
Microneta latidens, Emerton, 1909, *Ibid.*, 14 : 197; *4 : 12.

RECORDS:

- 83.34 ♀ Georgia: S.E. Toccoa; April 29, 1943; W. Ivie.
 " ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Genus TAPINOPA Westring, 1851

Tapinopa bilineata Banks

- Tapinopa bilineata* Banks, 1893, *J. New York Ent. Soc.*, 1 : 128.
Tapinopa bilineata, Emerton, 1909, *Trans. Conn. Acad. Sci.*, 14 : 196; *12 : 8.

RECORDS:

- 81.32 Im. Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 82.34 Im. Georgia: Elberton to Bell; April 30, 1943; W. Ivie.
 83.34 Im. Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

EPEIRIDAE

Genus ACACESIA Simon, 1895

Acacesia foliata (Hentz)

- Abbot, 1792, *Spiders of Georgia*, *358. MSS.
Epeira foliata Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 475; *31 : 14.
Epeira foliata, McCook, 1893, *American Spiders*, 3 : 154; *4 : 7-8.
Acacesia foliata, F. Cambridge, 1904, *Biol. Centr. Amer.*, 2 : 502; *48 : 1-2.

RECORDS:

- 80.34 Im. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.32 ♀ Georgia: "Burke County"; June 28; John Abbot.
 " ---- Georgia: Savannah. (McCook, 1893).
 " 2 imm. Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.
 82.32 2 imm. Georgia: Lyons; June 11, 1935; W. Ivie.
 83.32 4 imm. Georgia: North of Macon; June 16, 1935; W. Ivie.

Genus ALLEPEIRA Banks, 1932

Allepeira lemniscata (Walckenaer)

- "Ribbon Spider", Abbot, 1792, *Spiders of Georgia*, *25 (type), 472, 473.
Linyphia lemniscata Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 263.
Linyphia conferta Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 30; *4 : 7.
Epeira basilica McCook, 1878, *Proc. Acad. Phila.*, 124.
Hentzia basilica, McCook, 1893, *American Spiders*, 3 : 244; *14 : 2, 23 : 8.
Allepeira conferta, Archer, 1940, *Pap. Alabama Mus. Nat. Hist.*, 14 : 24.

RECORDS:

80.34 Im. South Carolina: Bethune; June 10, 1935; W. Ivie.

81.32 ♀ s Georgia: "Burke County"; John Abbot. (Walckenaer, 1841).

"This species is very common in the oak woods of Burke County." (Abbot).

Genus ARANEA Linnaeus, 1758

Aranea raji Scopoli

Fig. 66.

"Great Round Web Spider", Abbot, 1792, Spiders of Georgia, *111, 116, 121, 326, 556.

Araneus marmoreus Clerck, 1757, Svenska Spindlar, 29; *1:3.

Aranea raji Scopoli, 1763, Ent. Carniolica Exhib. Ins. Carn. Indig., 394.

Epeira conspiciellata Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:58. (*116, 121).

Epeira jaspidata Walckenaer, Ibid., 59. (*111).

Epeira frondosa Walckenaer, Ibid., 65. (*326).

Epeira marmorea, McCook, 1893, American Spiders, 3:143; *1:1-2, 2:1-2, 3:7-8.

Aranea raji, Archer, 1940, Pap. Alabama Mus. Nat. Hist., 14:45.

RECORD:

81.32 ♀ s Georgia: "Burke County"; John Abbot. (Walckenaer, 1841).

Aranea trifolium (Hentz)

Abbot, 1792, Spiders of Georgia, *356.

Epeira vulpecula Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:69 (in part).

Epeira trifolium Hentz, 1847, J. Boston Soc. Nat. Hist., 5:471; 31:1.

Epeira trifolium, McCook, 1893, American Spiders, 3:145; *1:3-6, 2:3.

Aranea gosogana Chamberlin, 1920, Journ. Ent. and Zool., 12:8; *6:6.

RECORD:

81.32 ♀ Georgia: "Burke County"; June 28; J. Abbot. (Walckenaer, 1841).

Genus ARANIELLA Chamberlin and Ivie, 1942

Araniella displicata (Hentz)

? *Epeira cucurbitana Americana* Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:77. (*178).

Epeira displicata Hentz, 1847, J. Boston Soc. Nat. Hist., 5:476; 31:17.

Araniella displicata, Chamberlin and Ivie, 1942, Bull. Univ. Utah, (Biol.)7(1):76.

RECORD:

81.32 ♀ Georgia: "Burke County"; John Abbot.

Genus ARGIOPE Audouin, 1827

Argiope aurantia Lucas

"Golden Web Spider", Abbot, 1792, Spiders of Georgia, *10, 151. MSS.

Argiope aurantia Lucas, 1833, Ann. Soc. Ent. France, 2:87; *5:1.

Epeira cophinaria Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:109. (*151 type).

Argiope cophinaria, McCook, 1893, American Spiders, 3:217; *15:1-6, 16:5, 6.

RECORDS:

- 81.32 ♀, Im. Georgia: "Burke County"; September 18, etc.; J. Abbot.
(Walckenaer, 1841).
- 82.30 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W.
Ivie.
- 84.30 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

Argiope florida Chamberlin and Ivie, new species

Figs. 93-97.

Abbot, 1792, Spiders of Georgia, *551. MSS.

RECORD:

- 81.32 ♀ Georgia: "Burke County"; June 24; John Abbot.

Color: Carapace completely covered with silvery-white hairs; the integument is yellowish, with a large fan of dusky brown on each side of the thorax, and a dusky band across the middle of the head. Chelicerae dusky over yellow, except the meso-distal portion which is orange. Labium and endites blackish brown, with large whitish tips. Sternum black, with a large whitish inverted trifoliate mark, and a small transverse streak of whitish on each anterior corner. Legs yellowish and blackish in alternate rings (diffuse on basal half of femur). Palpus yellowish, lightly marked with dusky. Abdomen silver-white above, with a pair of sinuate yellowish bands, bordered and ocellated with black on the posterior half, and the sides on the posterior half marked with black and white. Venter blackish along the center, bordered longitudinally with yellowish white, and containing a square of four white spots; the sides blackish, streaked and spotted with white. Spinnerets and postabdomen blackish.

♂. Carapace dusky brown on the sides and on the front of the head; median area orange brown; thinly covered with silvery hairs. Chelicerae dusky brown, with lighter tips. Sternum and legs as in female. Abdomen silvery white, with a pair of longitudinal bands as in female, but with the yellow color faded, and the bands extending for nearly the full length of the abdomen; also with an irregular median dusky band on the basal half. Venter and sides as in female.

Structure similar to that of *Argiope argentata* (Fabricus), but the abdomen of the female is more pointed behind. The epigynum and palpus are close to those of *argentata*.

<i>Measurements:</i>	♂ Allotype		♀ Holotype	
	Mm.	Ratio	Mm.	Ratio
Length	4.50	225	14.35	268
Carapace:				
Length	2.00	100	5.35	100
Width	1.80	90	4.25	79
Tibia-patella:				
I	3.70	185	8.90	166
IV	2.80	140	7.30	136

TYPE LOCALITY: W 80° 2' : N 26° 45', Florida: Lake Worth; August 24, 1933; ♀ holotype, ♂ allotype, 3 ♀ paratypes; W. Ivie collector. Found in webs on large cacti.

This species is superficially similar to *argentata*, with which it probably has been confused. It varies from that species in a number of minor structural details, as well as in the color markings, which are quite different, especially on the venter of the abdomen. Abbot's figure shows the abdomen wider than in our specimens, which is probably due to its being full of eggs; the other details fit *florida* rather than *argentata*. Abbot says in his notes: "Taken in its web like that of the Garden Spider, 24th June, with four large zig-zag marks in the middle. Beneath the abdomen is black in the middle bordered with yellow, the sides black with small white specks. I took a pair of this beautyfull spider (which is like silver) in a cornfield in the oak woods. I had concluded that all spiders had only eight eyes, but this species had only six, the one on each side much larger than the other four." Abbot's error as to the number of eyes is probably due to the fact that the small a. s. eyes are concealed below the p. s. eyes, as seen from the dorsal view; this is also true of *argentata*.

***Argiope seminola* Chamberlin and Ivie, new species**

Figs. 98-102.

RECORD:

83.30 ♂ Georgia: South of Lake Park; June 15, 1935; W. Ivie. Allotype.

Color: ♀. Carapace yellowish, with a large fan-shaped blackish or dusky patch on each side of the thoracic part, a lanceolate dusky patch on the posterior part of the head, and a small reticulate dusky patch on each side of the head below the eyes; clothed with silvery white hairs; eyes ringed with black. Chelicerae dusky brown, with the meso-distal portion pale yellowish; the front near the base, mottled with small pale spots. Labium and endites brownish black, with large whitish tips. Sternum brownish black at the sides, whitish along the middle, with two pairs of short side branches, one at anterior end, the other opposite the third coxae. Legs yellowish, heavily marked and ringed with blackish. Palpi pale yellow, with a broken dusky ring at each end of the tibia. Abdomen silvery white above, with a pair of irregular-edged brownish black longitudinal bands, strong at the distal end, fading out toward the base; venter black along the middle, with a silvery white band along each side and a pair of small round white spots enclosed in the black area near the spinnerets; sides blackish streaked with whitish. Spinnerets orange, with the terminal segment of the hind pair and the post-abdomen dusky.

♂. In general, similar to female, except that the blackish markings of the carapace, mouthparts, sternum, legs, and venter are faded to dusky, the markings on the legs very faint. Front spinnerets orange brown, the hind pair and the postabdomen dusky.

Structure: The structure is close to that of *trifasciata*, but the female is smaller, and there are minor differences in the genitalia.

<i>Measurements:</i>	♂ Allotype		♀ Holotype	
	Mm.	Ratio	Mm.	Ratio
Length	4.60	184	9.00	257
<i>Carapace:</i>				
Length	2.50	100	3.50	100
Width	2.10	84	2.90	83
<i>Tibia-patella:</i>				
I	4.50	180	5.90	169
IV	3.30	132	4.90	140

TYPE LOCALITY: W 81° 43' : N 26° 8', Florida: 10 miles east of Naples; August 25, 1933; ♀ holotype, ♀ paratype; W. Ivie collector. Found in webs on grass in an open swampy area.

Argiope trifasciata (Forsk.)

Aranea trifasciata Forskal, 1775, Descr. Animal.

Abbot, 1792, Spiders of Georgia, *156, 325 ? MSS.

Epeira argyraspides Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:110. (*156).

Argiope argyraspis (sic), McCook, 1893, American Spiders, 3:219; *15:8, 16:3, 4.

Argiope trifasciata, Petrunkevitch, 1911, Cat. Spid. Amer., 327.

RECORDS:

- 80.34 Im. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 Im. South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 ♀ Georgia: "Burke County"; October 9; John Abbot. (Walckenaer, 1841).
 83.33 Im. Georgia: North of Athens; June 16, 1935; W. Ivie.
 83.31 ♂, Imm. Georgia: Adel; June 16, 1935; W. Ivie.

Genus *CYCLOSA* Menge, 1866

Cyclosa caroli (Hentz)

Epeira caroli Hentz, 1850, J. Boston Soc. Nat. Hist., 6:24; *3:15.

Cyclosa caroli, McCook, 1893, American Spiders, 3:277; *17:7, 8.

RECORD:

- 84.30 Im. Florida: Tallahassee; August 27, 1933; W. Ivie.

Cyclosa turbinata (Walckenaer)

"Lump Spider", Abbot, 1792, Spiders of Georgia, *79 (type), 80. MSS.

Epeira turbinata Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:140.

RECORDS:

- 81.33 ♂ South Carolina: Lexington; August 22, 1933; W. Ivie.
 " ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.

- 81.32 2 ♀ *Georgia*: "Burke County"; April 11 and August 3; J. Abbot (Walckenaer, 1841).
 " 2 ♀ *Georgia*: Millen; April 16, 1943; W. Ivie.
 " ♂ *Georgia*: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 " ♀ *Georgia*: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 " ♀ *Georgia*: East of Sylvania; April 17, 1943; W. Ivie.
 82.34 ♀ *Georgia*: Elberton; April 30, 1943; W. Ivie.
 83.34 ♀ *Georgia*: N.E. Pendergrass; April 23, 1943; W. Ivie.
 83.33 ♀ *Georgia*: East of Lexington; April 22, 1943; W. Ivie.
 "Southern States". (McCook, 1893; Keyserling, 1893).

This spider lives in an orb web on plants. The web is of delicate structure, and in the web is placed a vertical row of lumps made up of insect parts, etc. The spider sits at the middle of the row and is completely concealed, due to its close resemblance to one of the lumps.

Genus DREXELIA McCook, 1893

Drexelia directa (Hentz)

Abbot, 1792, Spiders of Georgia, *60. MSS.

Epeira directa Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5:478; *31:21.

Drexelia directa, McCook, 1893, *American Spiders*, 3:249; *6:10, 11, 22:3.

RECORDS:

- 81.32 ♀ *Georgia*: "Burke County"; April 30; John Abbot.
 " Im. *Georgia*: West of Sylvania; April 11, 1943; W. Ivie.
 82.33 2 ♀ *Georgia*: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 82.30 ♀ *Florida*: Jasper; June 15, 1935; W. Ivie.
 *South Carolina*. (Hentz, 1847).

Genus EPEIRA Walckenaer, 1805

We doubt that any of the following species will remain in *Epeira* when their proper generic position is ascertained; but, for the time being, we prefer to leave them in the genus in which they were described.

Epeira bivittata Walckenaer

Fig. 67.

Abbot, 1792, Spiders of Georgia, *234. MSS.

Epeira bivittata Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:78.

RECORD:

- 81.32 ♀ *Georgia*. John Abbot. (Walckenaer, 1841).

"Abdomen globular oval, rounded, of a beautiful green, with a vermilion red figure on the posterior part, formed of two festooned or dentate bands, which diverge or form a V of which the point is turned toward the anal end; in the rounded concavity of each scallop, on the outside, is a vermilion spot,

there are four of these on each side. Carapace of a greenish yellow color. Legs yellow with annulations of deeper color.

Length, 5 lines." (Walckenaer).

Epeira foliosa Walckenaer

Fig. 56.

Abbot, 1792, Spiders of Georgia, *39. MSS.

Epeira foliosa Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 66.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; April 3; John Abbot. (Walckenaer, 1841).

"Taken 3rd April in the oak woods, not common." (Abbot).

"Abdomen reddish, with wavy margined folium on the back, bordered with brown and with white, and two sagittate marks in the middle, united at their apices by a line of more pale color, with a trapezium on the posterior part.

Length, 3 lines." (Walckenaer).

Epeira fulva Walckenaer

Fig. 62.

Abbot, 1792, Spiders of Georgia, *348. MSS.

Epeira fulva Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 129.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; October 13; J. Abbot. (Walckenaer, 1841).

"Abdomen oval, rounded, of a uniform reddish yellow color, and with two very prominent tubercles on the anterior part; behind these tubercles two parallel longitudinal lines of a more dense yellow color; in the space enclosed by them are four or five other small transverse lines also of the same color and parallel with each other. The feet are of a clearer color with a black spot on the femora and tibiae.

Length, 4 lines." (Walckenaer).

Epeira guttulata Walckenaer

Abbot, 1792, Spiders of Georgia, *139 ?, 140, 227, 233 (type), 327 ?, 353 ?, 359 ?. MSS.

Epeira guttulata Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 65.

Epeira miniata Walck., McCook, 1893, American Spiders, 3 : 177 (in part); *8 : 9.

RECORDS:

81.32 ♀ *Georgia*: "Burke County; John Abbot. (Walckenaer, 1841).

" 2 ♀ *Georgia*: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.

82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.

83.34 2 imm. Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

This species has been confused with *miniata*. The abdomen is not as wide, nor as strongly angulate as in *miniata*. There are also differences in the epigynum.

Epeira juniperi Emerton

Epeira juniperi Emerton, 1884, *Trans. Conn. Acad. Sci.*, 6 : 313; *34 : 6, 36 : 14-16.

Epeira juniperi, McCook, 1893, *American Spiders*, 3 : 167; *6 : 13.

RECORDS:

81.32 2 imm. Georgia: 2 mi. E. Sylvania; April 17, 1943; W. Ivie.

82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.

Epeira miniata Walckenaer

Abbot, 1792, *Spiders of Georgia*, *40, 184, 228 (type), 230, 232, 365, 540. MSS.

Epeira miniata Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 39.

Epeira cingulata Walckenaer, *Ibid.*, 40. (*232 (type), 365).

Epeira partita Walckenaer, *Ibid.*, 46. (*40).

Epeira miniata, McCook, 1893, *American Spiders*, 3 : 177; *8 : 8, 28 : 11.

RECORDS:

81.32 ♀ s Georgia: "Burke County"; J. Abbot. (Walckenaer, 1841).

" ♀, Im. Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.

" ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.

..... Georgia. (McCook, 1893).

This little spider lives in orb webs on bushes and shrubs. It is one of the prettiest of our spiders.

Epeira nivea Hentz

Abbot, 1792, *Spiders of Georgia*, *137, 138, 163, 329, 543. MSS.

Epeira nivea Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 474; *31 : 9.

Aranea nivea, Archer, 1940, *Pap. Alabama Mus. Nat. Hist.*, 14 : 42.

RECORD:

81.32 Georgia: "Burke County". (John Abbot.)

Epeira pegnia Walckenaer

Abbot, 1792, *Spiders of Georgia*, *355, 359 ?, 374, 375, 389, 484 (type), 536, 555. MSS.

Epeira pegnia Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 80.

Epeira pegnia, McCook, 1893, *American Spiders*, 3 : 170; *7 : 8, 9, 28 : 10.

RECORDS:

81.32 ♀ s Georgia: "Burke County"; October 7, etc.; John Abbot. (Walckenaer, 1841).

" Im. Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.

Epeira phrygiata Walckenaer

Fig. 64.

Abbot, 1792, Spiders of Georgia, *180. MSS.

Epeira phrygiata Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 54.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; September 2; J. Abbot. (Walckenaer, 1841).

"Taken 2nd September in its web, like the Garden Spider, with a thick round web beneath a leaf for its retreat. In a sasafrass bush in the oak woods of Burke County, and it is the only one I have seen." (Abbot).

"Abdomen oval, reddish, sooty, having over the middle of the back an oblong figure, festooned and bordered with a bright white line; the middle of the figure is white, divided by a fine reddish line and some small transverse streaks; three spots of greenish blue toward the cephalothorax, which is also bluish; legs reddish, annulate with white.

Length 5 lines." (Walckenaer).

Epeira subfusca Walckenaer

Abbot, 1792, Spiders of Georgia, *273. MSS.

Epeira subfusca Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 76.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; April 10; J. Abbot. (Walckenaer, 1841).

"Taken 10th April in the oak woods of Burke County. Rare." (Abbot).

"Female.—Abdomen oval, yellow on the sides, but having on the back a brown triangular figure divided by obscure transverse lines. The anterior part is entirely of a pale brown with a wide black border, and on the middle toward the cephalothorax a very small brown triangle. Legs yellow, with a brown annulus toward the patella.

Length, 4 lines." (Walckenaer).

Epeira thaddeus Hentz

Abbot, 1792, Spiders of Georgia, *117. MSS.

Epeira Thaddeus Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 473; *31 : 6.*Epeira Thaddeus*, McCook, 1893, American Spiders, 3 : 169; *7 : 3-5.

RECORD:

81.32 ♀ *Georgia*: "Briar Creek Swamp"; October 23; John Abbot.**Epeira vivida** Walckenaer

Fig. 12

Abbot, 1792, Spiders of Georgia, *474. MSS.

Epeira vivida Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 54.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; June 12; J. Abbot. (Walckenaer, 1841).

"Taken on a hickory in the oak woods of Burke County, the only one I have seen." (Abbot).

"Abdomen triangular oval, rounded; of a greenish white color, pale and brown; two bands of a pale white or green are longitudinal, the other transverse, dividing the back into four parts: on the two upper parts are two equilateral triangles of a pale reddish brown; on the posterior part are two elongate triangles of the same color, but streaked transversely with four small transverse lines of a deep brown. Carapace green enclosed in blackish brown, with a brown longitudinal line which widens cephalad. Legs green, annulate with brown on tibiae and tarsi.

Length, 4 lines." (Walckenaer).

Genus EUSTALA Simon, 1895

Eustala anastera (Walckenaer)

Fig. 4 (366).

Abbot, 1792, Spiders of Georgia, *8, 37 ?, 119, 120, 171, 172, 186, 188, 190, 274, 275, 344, 345, 361, 363, 366, 371, 373, 381 (type), 386, 387.

Epeira anastera Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:33. (*381).

Epeira eustala Walckenaer, Ibid., 37. (*119 (type), 120, 387).

Epeira cepina Walckenaer, Ibid., 37 (in part). (*275, not type).

Epeira apotroga Walckenaer, Ibid., 43. (*371 (type), 373, 376).

Epeira spatulata Walckenaer, Ibid., 44. (*37, 171, 366 (type)).

Epeira illustrata Walckenaer, Ibid., 45. (*186 (type), 274).

Epeira decolorata Walckenaer, Ibid., 49 (in part). (*345 (type)).

Epeira circulata Walckenaer, Ibid., 79 (in part). (*363, not type).

Epeira anastera, McCook, 1893, American Spiders, 3:172; *8:1-4.

Epeira anastera var. *conchlea* McCook, Ibid., 173 (in part, including type).

Eustala anastera, Petrunkevitch, 1911, Cat. Spid. Amer., 340.

RECORDS:

81.32 ♀ s *Georgia*: "Burke County"; John Abbot. (Walckenaer, 1841).

" Im. *Georgia*: West of Sylvania; April 11, 1943; W. Ivie.

82.33 Im. *Georgia*: Wrens; August 22, 1933; W. Ivie.

82.31 ♂ *Georgia*: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.

83.34 3 imm. *Georgia*: Gainesville to Clayton; April 26-28; W. Ivie.

83.32 Im. *Georgia*: North of Macon; June 16, 1935; W. Ivie.

This species has a sharp conical tip to the abdomen. It occurs in a great variety of color patterns, which accounts for the numerous figures of Abbot.

Eustala cepina (Walckenaer)

Abbot, 1792, Spiders of Georgia, *173 (type), 175, 185, 217. MSS.
Epeira cepina Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:37.

RECORDS:

- 81.32 ♀ s Georgia: "Burke County"; May 7, etc.; J. Abbot. (Walckenaer, 1841).
 " ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie. Neotype.

This species is smaller than *anastera*; the abdomen is less sharply angulate, and is broad. It lacks the silky white hairs found on the top of the head of *anastera* and *triflex*, or at most they are much reduced.

Eustala triflex (Walckenaer)

Abbot, 1792, Spiders of Georgia, *112 (type), 130 ?, 135, 142, 169, 170, 174, 187 ?, 189 ?, 264, 272, 278, 347, 352, 364, 390, 563. MSS.

- Epeira triflex* Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:60. (*112).
Epeira illustrata Walckenaer, Ibid., 45 (in part). (*142, 278, not type).
Epeira decolorata Walckenaer, Ibid., 49 (in part). (*390, not type).
Epeira petasata Walckenaer, Ibid., 70. (*135).
Epeira trinotata Walckenaer, Ibid., 76. (*272).
Epeira circulata Walckenaer, Ibid., 79 (in part). (*170, not type).
Epeira bombycinaria Hentz, 1847, J. Boston Soc. Nat. Hist., 5:476; *31:16.
Epeira anastera, McCook, 1893, American Spiders, 3:172 (in part); *8:1h.
Epeira emertoni Banks, 1904, J. New York Ent. Soc., 12:111.

RECORDS:

- 81.33 ♀, Im. South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 ♀ s Georgia: "Burke County"; John Abbot. (Walckenaer, 1841).
 " Im. Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 83.33 ♂ Georgia: East of Lexington; April 22, 1943; W. Ivie.

This species differs from *anastera* and *cepina* which occur in the same region by larking the terminal angulation on the abdomen, the abdomen being rounded behind. There are also differences in the male palpus.

Genus GASTERACANTHA Sundevall, 1833

Gasteracantha elipsoides (Walckenaer)

"Spotted Crab Spider", Abbot, 1792, Spiders of Georgia, *38, 118 (type). MSS.

Plectana elipsoides Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:155.

Epeira spatulata Walckenaer, Ibid., 44 (in part). (*38, not type).

Epeira cancer Hentz, 1850, J. Boston Soc. Nat. Hist., 6:23; *3:13.

Gasteracantha cancriformis (Linnaeus), Petrunkevitch, 1911, Cat. Spid. Amer., 343 (in part).

Fibradellus carolinus Chamberlin, 1925, Bull. M. C. Z. Harvard, 67:214.

RECORDS:

- 81.32 ♀, Im. ♂ Georgia: "Burke County"; July 16 and August 11; J. Abbot. (Walckenaer, 1841).

- 82.33 ♀, Im. Georgia: Wrens; August 22, 1933; W. Ivie.
 84.32 4 ♀ Georgia: Fort Benning; October 22, 1943; D. E. Beck.
 ♂ South Carolina. (Chamberlin, 1925).

The inclusion of fig. 38 of Abbot in *Epeira spatulata* by Walckenaer must have been accidental, as it in no way resembles the other figures placed in that species.

Genus GEA C. Koch, 1843

Gea ergaster (Walckenaer)

- Abbot, 1792, Spiders of Georgia, *114, 235 (type).
Epeira ergaster Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:55.
Epeira heptagon Hentz, 1850, J. Boston Soc. Nat. Hist., 6:20; *3:5, 6.
Gea heptagon, McCook, 1893, American Spiders, 3:208; *12:8.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; John Abbot. (Walckenaer, 1841).
 " ♂ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 " 4 imm. Georgia: Vicinity Millen and Sylvania; April, 1943; W. Ivie.
 Georgia. (McCook, 1893).

Genus LEUCAUGE White, 1841

Leucauge venusta (Walckenaer)

- Abbot, 1792, Spiders of Georgia, *113. MSS.
Epeira venusta Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:90.
Leucauge venusta, F. Cambridge, 1903, Biol. Centr. Amer., 2:441; *42:1, 2.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; May 13; J. Abbot. (Walckenaer, 1841).
 " 7 imm. Georgia: Vicinity Sylvania; April, 1943; W. Ivie.
 82.33 Im. Georgia: Wrens; August 22, 1933; W. Ivie.
 83.34 2 imm. Georgia: Clarkesville; April 27, 1943; W. Ivie.
 84.30 4 ♂ 4 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.
 "It is frequent both in the swamps and oak woods." (Abbot).

Genus MANGORA Cambridge, 1889

Mangora gibberosa (Hentz)

- Abbot, 1792, Spiders of Georgia, *541. MSS.
Epeira gibberosa Hentz, 1847, J. Boston Soc. Nat. Hist., 5:457; *31:20.
Epeira gibberosa, Emerton, 1884, Trans. Conn. Acad. Sci., 6:317; *34:1, 36:17.
Mangora gibberosa, Simon, 1895, Hist. Nat. Araignees, 1:793.

RECORDS:

- 80.34 4 ♂ 3 ♀ South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 ♂ South Carolina: Aiken; August 22, 1933; W. Ivie.

- 81.32 ♀ *Georgia*: "Burke County"; September 18; J. Abbot.
 " Im. *Georgia*: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 82.33 2 ♀ *Georgia*: Wrens; August 22, 1933; W. Ivie.
 82.30 2 ♀ *Georgia*: Okefenokee Swamp; June, 1912; C. R. Crosby.
 83.33 ♂ 2 ♀ *Georgia*: North of Athens; June 16, 1935; W. Ivie.
 83.32 4 ♂ 4 ♀ *Georgia*: North of Macon; June 16, 1935; W. Ivie.
 83.31 ♀ *Georgia*: 16 mi. So. Cordele; June 16, 1935; W. Ivie.

This species is commonly collected by sweeping low plants.

Mangora ornata (Walckenaer)

Fig. 8.

- Abbot, 1792, Spiders of Georgia, *475 (type), 565 ? MSS.
Theridion ornatum Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 229.
Epeira maculata Keyserling, 1865, Verh. zool.-bot. Ges. Wien, 14 : 827; *18 : 24-27.
Mangora maculata, Simon, 1895, Hist. Nat. Araignees, 1 : 791.

RECORDS:

- 81.32 ♀ *Georgia*: "Briar Creek Swamp"; July 23; J. Abbot. (Walckenaer, 1841).
 84.30 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

Mangora placida (Hentz)

- Abbot, 1792, Spiders of Georgia, *4, 248, 362. MSS.
Epeira placida Hentz, 1847, J. Boston Soc. Nat. Hist., 5 : 475; *31 : 12.
Epeira placida, Emerton, 1884, Trans. Conn. Acad. Sci., 6 : 316; *34 : 2, 36 : 10, 13.
Epeira praetrepida Keyserling, 1880, Verh. zool.-bot. Ges. Wien, 30 : 549; *16 : 2.
Mangora placida, Simon, 1895, Hist. Nat. Araignees, 1 : 786.

RECORDS:

- 81.32 ♀ s, Imm. *Georgia*: "Burke County"; John Abbot.
 " 3 ♂ 4 ♀ *Georgia*: West of Sylvania; April 11, 1943; W. Ivie.
 82.33 ♀ *Georgia*: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 82.30 Im. *Georgia*: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 83.34 ♂ 2 ♀ *Georgia*: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 " ♂ 2 ♀ *Georgia*: Clarkesville; April 27, 1943; W. Ivie.
 83.33 ♀ *Georgia*: East of Lexington; April 22, 1943; W. Ivie.
 ----- ♀ *Georgia*. Simon Collection. (Keyserling, 1880).

Genus MARXIA McCook, 1893

Marxia stellata (Walckenaer)

- Abbot, 1792, Spiders of Georgia, *161, 166, 336, 341. MSS.
Epeira stellata Walckenaer, 1805, Tableau Aran., 65; *54.
Plectana stellata Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 171.
Epeira nobilis Walckenaer, Ibid., 119. (*161).

Epeira cerasiae Walckenaer, Ibid., 119. (*166).

Epeira iris Walckenaer, Ibid., 120. (*336).

Marxia stellata, McCook, 1893, American Spiders, 3 : 193; *12 : 4, 5.

Marxia nobilis, McCook, Ibid., 194; *13 : 7-9.

RECORDS:

- 81.32 ♀ s Georgia: "Burke County"; John Abbot. (Walckenaer, 1841).
 " 2 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 " ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 82.32 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.
 83.31 Im. Georgia: 16 mi. So. Cordele; June 16, 1943; W. Ivie.
 ----- Georgia. (McCook, 1893).

Genus METEPEIRA F. Cambridge, 1904

Metepeira labyrinthea (Hentz)

Abbot, 1792, Spiders of Georgia, *537, 538, 560. MSS.

Epeira labyrinthea Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 471; *31 : 3.

Metepeira labyrinthea, Chamberlin and Ivie, 1942, *Bull. Univ. Utah*, (Biol.)7(1): 63; *161-164.

RECORDS:

- 80.32 Im. Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 ♀ s Georgia: "Burke County"; John Abbot.

Genus MICRATHENA Sundevall, 1833

Micrathena gracilis (Walckenaer)

"Oblong Crab Spider", Abbot, 1792, Spiders of Georgia, *47 and 48 (type), 49, 285, 547. MSS.

Plectana gracilis Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 193.

Plectana reduviana Walckenaer, Ibid., 201. (*49).

Micrathena gracilis, F. Cambridge, 1904, *Biol. Centr. Amer.*, 2 : 528; *51 : 16.

RECORDS:

- 81.32 ♀, Im. Georgia: "Burke County"; June 9, etc.; J. Abbot. (Walckenaer, 1841).
 " 2 imm. Georgia: 3 mi. S.E. Savannah; April, 1943; W. Ivie.
 82.31 2 ♂ ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 84.32 ♀ Georgia: Fort Benning; October, 1943; D. E. Beck.
 84.30 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

Plectana reduviana Walckenaer (Abbot, fig. 49) is an immature specimen of *gracilis*.

Micrathena mitrata (Hentz)

Fig. 4 (367).

"Crab Spider", Abbot, 1792, Spiders of Georgia, *367. MSS.

Epeira mitrata Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 22; *3 : 11.

Micrathena mitrata, F. Cambridge, 1904, *Biol. Centr. Amer.*, 2 : 538.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; September 3; John Abbot.
 84.32 ♀ Georgia: Fort Benning; October 24, 1943; D. E. Beck.

***Micrathena sagittata* (Walckenaer)**

- "Thorn Crab Spider", Abbot, 1792, Spiders of Georgia, *50 (type), 548.
Plectana sagittata Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:174.
Micrathena sagittata, F. Cambridge, 1904, Biol. Centr. Amer., 2:536; *51:20-21.

RECORDS:

- 80.34 Im. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.32 ♀, Im. Georgia: "Burke County"; June 14, etc.; John Abbot.
 (Walckenaer, 1841).
 " 2 imm. Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 83.31 ♂ imm. Georgia: 16 mi. So. Cordele; June 16, 1935; W. Ivie.
 84.30 2 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

Genus MIMOGNATHA Banks, 1929

***Mimognatha foxi* (McCook)**

- Theridium foxi* McCook, 1893, American Spiders, 3; *29:1.
Mimognatha foxi, Crosby and Bishop, 1933, Ann. Ent. Soc. Amer., 26:108.

RECORDS:

- 81.32 ♂, Imm. Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 83.34 Im. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

Genus NEOSCONA Simon, 1864

***Neoscona arabesca* (Walckenaer)**

- Abbot, 1792, Spiders of Georgia, *167, 346, 354, 388. MSS.
Epeira arabesca Walckenaer, 1805, Tableau Aran., 63.
Epeira arabesca Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:74.
Epeira arabesca, McCook, 1893, American Spiders, 3:148; *1:8, 2:6-7.
Neoscona arabesca, F. Cambridge, 1904, Biol. Centr. Amer., 2:472; *44:13-14.

RECORDS:

- 80.34 2 ♂, Imm. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 2 imm. South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 ♀ s Georgia: "Burke County"; John Abbot. (Walckenaer, 1841).
 " Imm. Georgia: Vicinity Sylvania; April, 1943; W. Ivie.
 82.33 Im. Georgia: Bell to Washington; April 30, 1943; W. Ivie.
 82.30 4 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 83.33 4 imm. Georgia: East of Lexington; April 22, 1943; W. Ivie.
 83.32 ♂ Georgia: North of Macon; June 16, 1935; W. Ivie.
 ----- Georgia. (McCook, 1893).

Neoscona domiciliorum (Hentz)

Fig. 65.

Abbot, 1792, Spiders of Georgia, *126. MSS.

Epeira benjamina Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 42 (in part).*Epeira domiciliorum* Hentz, 1850, J. Boston Soc. Nat. Hist., 4 : 469; *30 : 7.*Epeira benjamina*, McCook, 1893, American Spiders, 3 : 147 (in part); *1 : 7, 28 : 14.*Neoscona domiciliorum*, Archer, 1940, Pap. Alabama Mus. Nat. Hist., 14 : 48; *4 : 2.

RECORDS:

81.32 ♀ Georgia: "Burke County"; September 13; J. Abbot. (Walckenaer, 1841).

82.30 3 imm. Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.

84.32 ♀ Georgia: Fort Benning; October 31, 1943; D. E. Beck.

84.30 Im. Florida: Tallahassee; August 27, 1933; W. Ivie.

This is the large, brightly colored *Neoscona* of the far southeast and is common in Florida. The epigynum is not so far extended as in *sacra*. The type locality of *benjamina* is regarded as Martinique, as Walckenaer mentions having specimens from there, although Abbot's figure 126 is designated as variety A and is the first listed. It is doubtful whether *benjamina* occurs in the United States.

Neoscona sacra (Walckenaer)

Fig. 61.

Abbot, 1792, Spiders of Georgia, *131, 136 (type), 141, 146, 176, 331, 351. MSS.

Epeira sacra Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 33. (*136).*Epeira rubicunda* Walckenaer, Ibid., 43. (*351). (Under *benjamina*).*Epeira vulpecula* Walckenaer, Ibid., 69 (in part). (*131 type).*Epeira mutabilis* Walckenaer, Ibid., 73. (*351). (This figure was also assigned to *benjamina* and *rubicunda* by Walckenaer).*Epeira emphana* Walckenaer, Ibid., 74. (*141).*Epeira nephoda* Walckenaer, Ibid., 74. (*146).*Epeira arabesca* Walckenaer, Ibid., 74 (in part). (*331).*Epeira benjamina*, McCook, 1893, American Spiders, 3 : 147 (in part); *2 : 4-5.

RECORDS:

81.32 ♂ ♀ s Georgia: "Burke County"; July 29, etc.; John Abbot. (Walckenaer, 1841).

84.32 4 ♀ Georgia: Fort Benning; October, 1943; D. E. Beck.

This is the species commonly regarded as *benjamina* by American authors.

Genus NEPHILA Leach, 1815

Nephila clavipes (Linnaeus)*Aranea clavipes* Linnaeus, 1758, Systema Naturae, (10) : 1034, No. 27.*Epeira clavipes*, Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 95.*Nephila clavipes*, F. Cambridge, 1904, Biol. Centr. Amer., 2 : 448; *42 : 23-24.

RECORDS:

- 82.31 Im. Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 84.30 ♂ ♂ 3 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

This large species builds large, stout, orb webs among trees and bushes, especially in swampy areas.

Genus PACHYGNATHA Sundevall, 1823

Pachygnatha autumnalis Keyserling

- Pachygnatha autumnalis* Keyserling, 1883, *Verh. zool.-bot. Ges. Wien*, 33 : 660; *21 : 10.
Pachygnatha autumnalis, McCook, 1893, *American Spiders*, 3 : 268; *26 : 1-2.

RECORD:

- 81.32 Im. Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.

Pachygnatha tristriata C. Koch

- Pachygnatha tristriata* C. Koch, 1845, *Die Arachniden*, 12 : 145; *430 : 1066.
Pachygnatha tristriata, Emerton, 1909, *Trans. Conn. Acad. Sci.*, 14 : 202; *5 : 6.

RECORD:

- 81.32 Im. Georgia: Millen; April 16, 1943; W. Ivie.

Genus SCOLODERUS Simon, 1887

Scoloderus tuberculifer (Cambridge)

- Carepalxis tuberculifera* Cambridge, 1889, *Biol. Centr. Amer.*, 1 : 48; *4 : 9.
Scoloderus tuberculifer, F. Cambridge, 1904, *Ibid.*, 2 : 521.

RECORD:

- 81.32 ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.

Genus SINGA C. Koch, 1837

Singa calix (Walckenaer)

- Abbot, 1792, *Spiders of Georgia*, *249 (type), 250.
Epeira calix Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 90.
Epeira maura Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 474; *31 : 8.
Singa maura, McCook, 1893, *American Spiders*, 3 : 234; *19 : 8.

RECORD:

- 81.32 ♂ ♀ Georgia: "Briar Creek Swamp"; September 6 and 21; John Abbot. (Walckenaer, 1841).

Singa tusa (Petrunkevitch)

- Abbot, 1792, *Spiders of Georgia*, *333. MSS.
Singa maculata Emerton, 1884, *Trans. Conn. Acad. Sci.*, 6 : 323; *37 : 18. (Preoccupied by Thorell, 1875).
Araneus tusus Petrunkevitch, 1911, *Cat. Spid. Amer.*, 321.

RECORD:

- 81.32 ♀ Georgia: "Burke County"; John Abbot.

Singa variabilis Emerton

Abbot, 1792, Spiders of Georgia, *293. MSS.

Theridion quadripunctatum americanum Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:290 (in part).

Singa variabilis Emerton, 1884, *Trans. Conn. Acad. Sci.*, 6:322; *34:16, 37:19-21.

RECORDS:

- 81.32 ♀ *Georgia*: "Burke County"; J. Abbot. (Walckenaer, 1841).
 " 4 ♀ *Georgia*: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 " 3 ♀ *Georgia*: same; April 8 and May 3, 1943; W. Ivie.
 83.34 2 imm. *Georgia*: Demorest; April 26, 1943; W. Ivie.
 " Im. *Georgia*: Clayton; April 28, 1943; W. Ivie.
 " Im. *Georgia*: N.W. Clayton; April 28, 1943; W. Ivie.

There appears to be more than one variety represented in the above specimens, one form being smaller and lighter than the other.

Genus **TETRAGNATHA** Latreille, 1804**Tetragnatha aurata** Walckenaer

Fig. 55.

Abbot, 1792, Spiders of Georgia, *451 (type), 456. MSS.

Tetragnatha aurata Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:215.

RECORD:

- 81.32 2 ♀ *Georgia*: "Burke County"; August 13 and April 15; J. Abbot.

"Taken 13th August, on dogwood in the oak woods of Burke County. Beneath the abdomen is a dark brown with a gold shade or cast, not common." (Abbot, No. 451).

"Female. — Abdomen cylindrical having a reddish background with a golden metallic reflection, two red spots on the back, toward carapace, arranged transversely; a median longitudinal line, of a reddish brown color, dividing the dorsum in two, and on each side of this line two series of small reddish marks, arranged along the sides like two interrupted lines parallel with that of the middle, but that of the sides indicated by only a small number of marks. Venter deep brown with a golden metallic lustre. Carapace elongate oval, reddish, margined with black and a line of same color on posterior part. Mandibles little elongate, divergent, red. Legs and palps of a clear yellow spotted with black.

Length, 5 lines." (Walckenaer).

The figures of this species show a general structural similarity to *fulva*, but the chelicerae are longer, with a very prominent tooth on the inner side, near the distal end.

Tetragnatha caudata Emerton

Tetragnatha caudata Emerton, 1884, *Trans. Conn. Acad. Sci.*, 6 : 335; *39 : 16, 22.
Tetragnatha caudata, Seeley, 1928, *N. Y. State Mus. Bull.*, 278 : 107; *5-10.

RECORDS:

- 82.30 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 (Seeley, 1928).
 " Im. Georgia: South of Lake Park; June 15, 1935; W. Ivie.

Tetragnatha elongata Walckenaer

Abbot, 1792, *Spiders of Georgia*, *211, 216, 441, 446, 461? MSS.
Tetragnatha elongata Walckenaer, 1805, *Tableau Aran.*, 69.
Tetragnatha elongata Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 211.
Tetragnatha culicivora Walckenaer, *Ibid.*, 214. (*211).
Tetragnatha fulva Walckenaer, *Ibid.*, 212. (*216 type, not *212).
Tetragnatha sanctitata Walckenaer, *Ibid.*, 214. (*441).
Tetragnatha violacea Walckenaer, *Ibid.*, 218. (*446).
Tetragnatha fimbriata Walckenaer, *Ibid.*, 213 (in part). (*461 type).
Tetragnatha elongata, Seeley, 1928, *N. Y. State Mus. Bull.*, 278 : 109; *11-16.

RECORDS:

- 81.33 ♂ ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 81.32 ♂ s ♀ Georgia: "Burke County", etc.; J. Abbot. (Walckenaer, 1841).
 " ♂ 4 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 82.33 2 imm. Georgia: Washington to Thomson; May 1, 1943; W. Ivie.
 82.30 ♂ s ♀ s Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 (Seeley, 1928).
 " ♀ Georgia: Charleton County (Camp Pickney); June; Wright. (Seeley, 1928).
 83.34 ♀ Georgia: Toccoa; August; Bishop and Crosby. (Seeley, 1928).
 " ♀ Georgia: Lavonia to Royston; April 30, 1943; W. Ivie.
 84.32 ♀ Georgia: Fort Benning; October 21, 1943; D. E. Beck.
 84.30 ♀ Florida: Tallahassee; April; C. R. Crosby. (Seeley, 1928).
 " 4 ♂ Florida: Tallahassee; August 27, 1933; W. Ivie.
 This species builds large webs over streams.

Tetragnatha laboriosa Hentz

Tetragnatha laboriosa Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 27; *4 : 3.
Tetragnatha laboriosa, Seeley, 1928, *N. Y. State Mus. Bull.*, 278 : 123; *25-31.

RECORDS:

- 81.33 ♂ South Carolina: Lexington; August 22, 1933; W. Ivie.
 81.32 2 ♂ 2 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 " ♂ 2 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943;
 W. Ivie.
 82.34 ♂ Georgia: Elberton to Bell; April 30, 1943; W. Ivie.

- 82.33 ♀ Georgia: Wrens; August 22, 1933; W. Ivie.
 " ♀ Georgia: Bell to Washington; April 30, 1943; W. Ivie.
 83.34 ♂ ♂ ♀ ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 " 2 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.
 83.33 4 ♂ 3 ♀ Georgia: East of Lexington; April 22, 1943; W. Ivie.

This species is usually found on grass near water.

Tetragnatha limnocharis Seeley

Tetragnatha limnocharis Seeley, 1928, *N. Y. State Mus. Bull.*, 278:129; *32-35.

RECORDS:

- 82.30 ♂ ♀ Georgia: Mixon's Hammock, Okefenokee Swamp; June, 1912; C. R. Crosby. (Seeley, 1928). Types.
 " 3 ♂ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Seeley, 1928).

Tetragnatha lutea Walckenaer

Fig. 53.

Abbot, 1792, *Spiders of Georgia*, *240. MSS.

Tetragnatha lutea Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:217.

RECORD:

- 81.32 ♂ Georgia: "Briar Creek Swamp"; May 13; John Abbot. (Walckenaer, 1841).

"Taken 13th May, frequents the bushes or undergrowth in Briar Creek Swamp, it makes no web, not common." (Abbot). Walckenaer suggests that this statement proves only that the male was taken while off its web in quest of a female.

"Male. — Abdomen cylindrical, elongate, narrower than the cephalothorax, of a greenish saffron yellow, with two parallel, longitudinal green lines over the sides of the dorsum, interrupted toward the posterior part, and having points of a denser green. Carapace oval, rounded, saffron yellow, with a median green line in the anterior part which enlarges near the eyes and forms a sort of elongate triangle. Mandibles very elongate, divergent, yellow, tinged with red on the sides. Palps elongate, yellow with a swollen point which is oval and red. Legs elongate, saffron yellow; first pair much longer than the others and having the extremity of femur and of tarsus black.

Length, 4½ lines." (Walckenaer).

This distinctive species cannot be placed with any known species of *Tetragnatha*; it may not belong to this genus. The chelicerae are shown as longer than the carapace; the legs are short, femur I extending only slightly beyond the end of the chelicerae; the legs are pale, with the tarsus and distal end of tibia I black; the lateral eyes are shown closer to each other than are the medians of the two rows.

Tetragnatha pallescens F. Cambridge

Tetragnatha pallida Banks, 1892, *Proc. Acad. Phila.*, 51; *5:88-88a.

Tetragnatha pallescens F. Cambridge, 1905, *Biol. Centr. Amer.*, 2:436.

Tetragnatha pallescens, Seeley, 1928, *N. Y. State Mus. Bull.*, 278:131; *40-43.

RECORDS:

- 81.32 4 imm. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.33 Im. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 82.30 2 ♂ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 (Seeley, 1928).
 84.30 ♂ ♀ Georgia: Spring Creek, Seminole County; April; C. R.
 Crosby. (Seeley, 1928).
 " 3 ♀ Florida: Jackson Lake; April; C. R. Crosby. (Seeley,
 1928).

Tetragnatha versicolor Walckenaer

Abbot, 1792, *Spiders of Georgia*, *226, 231 (type), 466, 476, 481, 486, 491, 576? MSS.

Tetragnatha versicolor Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:216. (*231, 466).

Tetragnatha fimbriata Walckenaer, *Ibid.*, 213 (in part). (*481, 486, 491).

Tetragnatha trapezoides Walckenaer, *Ibid.*, 218. (*226).

Tetragnatha casula Walckenaer, *Ibid.*, 219. (*476).

Tetragnatha extensa, Seeley, 1928, *N. Y. State Mus. Bull.*, 278:113; *17-20. (Not *Aranea extensa* Linnaeus).

RECORDS:

- 81.32 ♀ s Georgia: "Burke County", etc.; John Abbot. (Walckenaer, 1841).
 82.30 ♂ s ♀ s Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 (Seeley, 1928).
 " ♀ Florida: Lake City; March; J. H. Comstock. (Seeley, 1928).
 83.34 ♂ Georgia: Black Rock Mountain, Rabun County; May;
 Bishop and Crosby. (Seeley, 1928).
 83.30 ♂ Georgia: Thomasville; May; Spencer. (Seeley, 1928).

Tetragnatha viridis Walckenaer

Abbot, 1792, *Spiders of Georgia*, *24, 236 (type), 471. MSS.

Tetragnatha viridis Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:216.

Tetragnatha pinicola Emerton, 1915, *Trans. Conn. Acad. Sci.*, 20:139; *1:7-7a.

Tetragnatha pinea Seeley, 1928, *N. Y. State Mus. Bull.*, 278:133; *21-24.

RECORDS:

- 81.32 ♀ Georgia: "Briar Creek Swamp"; September 14; John Abbot.
 (Walckenaer, 1841).
 " ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W.
 Ivie.
 "Frequents pine trees and bushes". (Abbot).

Genus THERIDIOSOMA Cambridge, 1879

Theridiosoma argentatum Keyserling*Theridiosoma argentatum* Keyserling, 1886, Spin. Amer., Ther., 1 : 218; *10 : 132.

RECORD:

..... ♂ Georgia. Simon Collection. (Keyserling, 1886). Holotype.

Theridiosoma radiosum (McCook)*Epeira radiosa* McCook, 1881, Proc. Acad. Phila., 163.*Theridiosoma radiosum*, McCook, 1893, American Spiders, 3 : 257; *27 : 8-9.

RECORD:

83.34 Im. Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

Theridiosoma savannum Chamberlin and Ivie, new species

Figs. 91, 92.

RECORD:

81.32 ♂ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie. Holotype.

♂. *Color*: Carapace light yellowish, with a curved and expanding dusky band extending back from each lateral eye group. Chelicerae light yellow. Labium and endites dusky yellow. Sternum dark dusky on sides and rear, light yellowish in the middle. Legs and palpi light yellowish, the legs with the joints and distal ends of tarsi shaded. Abdomen with basal half of dorsum silvery white, posterior part crossed with a series of four wavy dusky bands; a dusky band across base above the pedicel and extending onto the sides; lower sides whitish; venter and area around spinnerets dusky gray. Spinnerets dusky yellow.

Structure: Carapace wide, with the narrower head extending upward and forward. Height of clypeus a little more than the diameter of an a. m. eye; a. m. eyes projecting over the base of the clypeus. A. m. eyes dark, others pearly white. P. s. eyes smaller than the others. Anterior eye row about straight as seen from in front (strongly recurved as seen from above); a. m. eyes about a radius apart, closer to the side eyes. Posterior row about straight; p. m. eyes subcontiguous, a little more than a radius from the side eyes. Median ocular quadrangle longer than wide, slightly wider in front than behind. Chelicerae long and slender; vertical; length about one and a half times the width of both. Endites about as wide as long, widely separated at the tips. Labium wider than long. Sternum a little longer than wide, broadly rounded behind; separating hind coxae by about the length of one of them. Palpi large and rounded. Legs moderately stout and short; 1 2 4 3 in order of length. Abdomen suborbicular. Spinnerets short.

Measurements:

	♂ Holotype	Ratio
	Mm.	
Length	1.15	217

Carapace:

Length .....	.53	100
Width .....	.52	98

Tibia-patella:

I .....	.62	117
IV .....	.35	66

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; May 3, 1943; ♂ holotype; Wilton Ivie collector.

Genus VERRUCOSA McCook, 1888

Verrucosa arenata (Walckenaer)

Abbot, 1792, Spiders of Georgia, *165 (type), 181, 182, 183, 220, 360. MSS.
Epeira arenata Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:133.
Verrucosa arenata, McCook, 1893, American Spiders, 3:200; *12:6-7.

RECORDS:

- 81.32 ♂ ♀ s Georgia: "Briar Creek Swamp"; July 16, etc.; John Abbot. (Walckenaer, 1841).
 " Im. Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 84.32 ♀ Georgia: Fort Benning; October, 1943; D. E. Beck.

Genus WAGNERIANA F. Cambridge, 1904

Wagneriana tauricornis (Cambridge)

Epeira tauricornis Cambridge, 1889, Biol. Centr. Amer., 1:44; *6:2-3, 8:2.
Wagneria tauricornis, McCook, 1893, American Spiders, 3:204; *13:1-2.

RECORDS:

- 81.32 Im. Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 84.30 4 imm. Florida: Tallahassee; August 27, 1933; W. Ivie.

Genus WIXIA Cambridge, 1882

Wixia anaglyphe (Walckenaer)

Abbot, 1792, Spiders of Georgia, *143, 144, 337, 338, 340, 349. MSS.
Epeira anaglyphe Walckenaer, 1805, Tableau Aran., 58.
Epeira anaglyphe Walckenaer, 1841, Hist. Nat. Ins. Apt., 2:128. (*349).
Epeira ectypa Walckenaer, Ibid., 129. (*143 type, 144).
Wixia ectypa, McCook, 1893, American Spiders, 3:205; *13:4-5.

RECORD:

- 81.32 ♂ ♀ s Georgia: "Burke County"; September 14, etc.; John Abbot. (Walckenaer, 1841).

UROCTEIDAE

Genus OECOBIUS Lucas, 1845

Oecobius parietalis (Hentz)*Thalamia parietalis* Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 35; *4 : 16.*Oecobius parietalis*, Chamberlin and Ivie, 1935, *Ann. Ent. Soc. Amer.*, 28 : 267; *1, 3-10, 11-21.

RECORD:

81.32 4 ♂ 4 ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.
 Found in webs under a concrete bridge.

Genus PLATOECOBIUS Chamberlin and Ivie, 1935

Platoecobius floridanus (Banks)*Thalamia floridana* Banks, 1893, *Trans. Amer. Ent. Soc.*, 23 : 58.*Platoecobius floridanus*, Chamberlin and Ivie, 1935, *Ann. Ent. Soc. Amer.*, 28 : 270; *22-32.

RECORD:

82.30 ♀, Im. Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.

Found under a scale of bark on the trunk of a large pine.

ZODARIIDAE

Genus STORENA Walckenaer, 1805

Storena americana (Marx)*Habronestes americanus* Marx, 1891, *Proc. Ent. Soc. Wash.*, 2 : 4; *1 : 2.*Storena americana*, Comstock, 1912, *Spider Book*, 324; *315a-d.

RECORD:

..... ♀ Georgia. (Marx, 1891). Holotype.

DICTYNIDAE

Genus DICTYNA Sundevall, 1833

Dictyna bicornis Emerton*Dictyna bicornis* Emerton, 1915, *Trans. Conn. Acad. Sci.*, 20:141; figs.

RECORD:

80.32 4 ♂ 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

Found on the ground, under rocks, etc.

Dictyna bostoniensis Emerton

Dictyna bostoniensis Emerton, 1888, *Trans. Conn. Acad. Sci.*, 7:447; *9:3.

RECORD:

80.32 4 ♂ 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
Found on or beneath plants.

Dictyna demores Chamberlin and Ivie, new species

Fig. 170.

RECORD:

83.34 ♀ Georgia: Demorest; April 26, 1943; W. Ivie. Holotype.

♀. *Color*: Thoracic part of carapace dark dusky brown; head lighter. Chelicerae and endites dark brown. Sternum and labium blackish brown. Legs and palpi light yellowish, with faint annuli. Abdomen light gray above, with a typical dark median basal mark, and a herring-bone pattern posteriorly; sides specked and streaked with dark gray; venter dusky in the middle, with a pale area on each side. Spinnerets dusky brown.

Structure in general typical. Clypeus low, somewhat protruding, a little less than two diameters of an a. m. eye in height. A. m. eyes smaller than the others. Anterior eye row faintly procurved; a. m. eyes about a diameter apart, a little closer to the side eyes. Posterior row faintly recurved; eyes about a diameter apart. Median ocular quadrangle a little wider than long, wider behind than in front. Epigynum distinctive, as shown in the figure.

Measurements:

♀ Holotype

	Mm.	Ratio
Length	2.00	235
Carapace:		
Length .....	.85	100
Width .....	.70	82
Tibia-patella:		
I .....	.78	92
IV .....	.70	82

TYPE LOCALITY: W 83° 32' : N 34° 33', Georgia: Demorest; April 26, 1943; ♀ holotype; Wilton Ivie collector.

This may prove to be the female of *Dictyna zaba* Barrows and Ivie, which was described from the male only (1942).

Dictyna formidolosa Gertsch and Ivie

Dictyna armata Banks, 1911, *Proc. Acad. Phila.*, 44: *34:9. (Preoccupied by Thorell, 1875).

Dictyna formidolosa Gertsch and Ivie, 1936, *Amer. Mus. Nov.*, 858:10.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 82.30 2 ♀ Florida: White Springs; June 15, 1935; W. Ivie.
 83.34 4 ♂ 4 ♀ Georgia: Clarkesville; April 27, 1943; W. Ivie.

This distinctive little species is found abundantly on the ground among dead leaves in drier situations.

Dictyna frondea Emerton

Dictyna vittata Keyserling, 1883, *Verh. zool.-bot. Ges. Wien*, 33: 663; *21: 12. (Preoccupied by Keyserling, 1882).

Dictyna frondea Emerton, 1888, *Trans. Conn. Acad. Sci.*, 7: 449; *9: 9.

RECORD:

- 80.32 ♂ 3 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

Dictyna gloria Chamberlin and Ivie, new species

Fig. 171.

RECORD:

- 81.32 ♀ Georgia: North of Sylvania; April 15, 1943; W. Ivie. Holotype.

♀. *Color*: Carapace dark brown, with dusky radial streaks, and a white median band. Chelicerae, endites, and sternum reddish brown. Labium dusky brown. Palpi and legs light yellow, unmarked. Abdomen grayish black above, with a longitudinal whitish band on each side at base, and a similar band on the median line behind; venter uniform gray. Spinnerets reddish brown, with lighter tips.

Structure: Size small; structure essentially typical; somewhat delicate. Carapace low; height of clypeus about one and a half diameters of an a. m. eye. Anterior eye row faintly procurved; a. m. eyes a full radius apart, subcontiguous with the side eyes. Posterior row slightly recurved; eyes a little less than a diameter apart. Median ocular quadrangle slightly wider than long, a little wider behind than in front. Sternum large, suborbicular. Legs moderately short, 4 1 2 3 in order of length, 4 and 1 nearly equal. Epigynum distinctive, as figured.

Measurements:

	♀ Holotype	
	Mm.	Ratio
Length	1.40	233
Carapace:		
Length .....	.60	100
Width .....	.46	77
Tibia-patella:		
I .....	.46	77
IV .....	.48	80

TYPE LOCALITY: W 81° 37' : N 32° 44', Georgia: 1 mile north of Sylvania; April 15, 1943; ♀ holotype; Wilton Ivie collector.

This species somewhat resembles *D. formidolosa*, but is smaller, and distinctly different in color.

Dictyna micro Chamberlin and Ivie, new species

Figs. 175-177.

RECORDS:

80.32 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

81.32 2 ♂ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.

Color: Carapace light brown, with sides of thorax and sides of head heavily marked with dusky radial streaks and reticulations. Chelicerae reddish brown. Endites dull orange. Labium dusky brown. Sternum light dusky yellowish, heavily shaded at the margins, and sometimes with an indistinct median dusky streak at the posterior end. Legs and palpi uniform orange yellow—the tarsus of the male palpus darker. Abdomen light grayish white, heavily marked with dark gray spots and mottlings; venter mottled. Spinnerets yellowish orange.

Structure: Essentially typical in general structure. ♂. Carapace with thoracic part wide, sub-orbicular; head only a little more than half as wide; with distinct cervical indentations; length of head beyond the constriction about two-thirds the width. Clypeus slightly protruding; height about two diameters of an a. m. eye. Head moderately arched back of the eyes. Eyes subequal, order of size being a. s., p. s., p. m., a. m. Anterior eye row slightly procurved; a. m. eyes a little less than a diameter apart, scarcely more than a radius from the side eyes. Posterior row slightly recurved; p. m. eyes about a diameter apart, a little farther from the side eyes. Median ocular quadrangle slightly wider than long, wider behind than in front. Chelicerae moderately large; slightly longer than the width of both; convex on sides, the ectal side culminating in an obtuse point midway of length; middle opening about twice as long as wide; from the side, the chelicerae are concave in front, with a small rounded process at the base. Sternum large, sub-cordate, separating hind coxae by one and a half times the diameter of one of them. Legs moderately short, 1 2 4 3 in order of length, legs 2 and 4 about equal. Palpus of about average size; femur unmodified; patella swollen, with an acute point on the ectal side, directed forward; tibia short, with a twisted ectal process besides the usual dorsal process, which in this species is slender and pointed; cymbium broad but otherwise normal; palpal organs essentially normal, embolus slender, conductor with the posterior end twisted, forming about two complete turns.

♀. Structure normal. Legs 1 4 2 3 in order of length. Epigynum distinctive.

Measurements:

	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.15	209	1.35	255

Carapace:

Length .....	.55	100	.53	100
Width .....	.48	87	.43	81

Tibia-patella:

I .....	.54	98	.45	85
IV .....	.40	73	.43	81

TYPE LOCALITY: W 82° 18' : N 29° 40', Florida: Gainesville; February 10, 1942; ♂ holotype, ♀ allotype, ♂ s ♀ s paratypes; Wilton Ivie collector.

Dictyna querida Chamberlin and Ivie, new species

RECORD:

81.32 Im. Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie. Holotype.

Color: Carapace dusky brown, with median area of head back of eyes lighter. Chelicerae and endites orange. Sternum and labium dark dusky. Legs colored as follows: coxae and trochanters light yellowish; femur dusky, except proximal end which is yellowish; patella yellowish, with distal portion and sides dusky; tibia dusky, with a narrow yellowish ring at proximal end and a slightly faded ring toward distal end; metatarsus dusky distally, light proximally; tarsus light yellowish. Abdomen uniform dark gray above, with some very faint lighter chevrons posteriorly; venter pale gray, with a darker gray transverse band in front of the spinnerets. Spinnerets dusky brown on base, yellowish distally.

Structure: Evidently medium size when adult. Moderately robust in structure. Head convexly arched back of the eyes. Clypeus low, about a diameter of an a. m. eye in height. Anterior eye row barely procurved; a. m. eyes a diameter apart, hardly more than a radius from the side eyes. Posterior row straight; p. m. eyes a little less than a diameter apart, more than a diameter from the side eyes. Median ocular quadrangle wider than long, barely wider behind than in front. Cribellum not divided.

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 4, 1943; Immature holotype; Wilton Ivie collector.

This species, although known only from the immature specimen, is distinctly different in color and appearance from any of the other known species from this region.

Dictyna roscida (Hentz)

Abbot, 1792, Spiders of Georgia, *27, 28.

Theridion roscidum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 277; *9 : 15, 16.

Dictyna foliacea (Hentz), Petrunkevitch, 1911, *Cat. Spid. Amer.*, 109 (in part).

RECORD:

81.32 2 ♀ Georgia: "Burke County"; May 25 and September 8; J. Abbot.

" 2 ♂ 4 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.

This colorful species is found in webs on the stems of plants. It is closely related to *Dictyna rubra* Emerton and *Dictyna florens* Ivie and Barrows which vary from this species mainly in color markings. It varies from *florens* in details of the male palpus.

Dictyna savanna Chamberlin and Ivie, new species

Figs. 161-169.

RECORD:

80.32 3 ♂ ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie. Types.

Color: ♂. Carapace and chelicerae dark chestnut brown. Labium and sternum dark brown. Endites reddish brown. Legs light yellowish brown, without markings. Palpus same as legs, except palpal organs darker. Abdomen gray—darker on sides, lighter on top—with the usual dusky mark over the heart, and with double chevrons posteriorly; venter gray. Spinnerets light yellowish brown.

♀. Carapace brown, lighter on top of head, with darker radial streaks on the thorax. Chelicerae light chestnut. Sternum dark brown, with a faint median line of dusky. Labium dusky brown. Endites light brown. Legs and palpi light yellowish brown. Abdomen pale gray above, with the usual dusky mark over the heart, and with two rows of irregular black spots behind, incompletely joined by chevrons; sides spotted and streaked with dark gray; venter pale gray, with a large dark gray mark in the middle. Spinnerets light yellowish brown.

Structure: ♂. Essentially typical, with the usual modifications characteristic of the male. Head moderately elevated, arched back of the eyes. Height of clypeus about three diameters of an a. m. eye. Eyes small; subequal. Anterior eye row straight; a. m. eyes a full diameter apart, slightly closer to the side eyes. Posterior row faintly recurved; p. m. eyes about one and a third diameters apart, same distance from the side eyes. Median ocular quadrangle slightly wider than long, slightly wider behind than in front. Chelicerae slightly longer than the width of both; sides convex as seen from in front; width of median hollow less than half its length; as seen from the side, the base is rounded, without a process; the front is concave. Legs moderately large; 1 2 4 3 in order of length. Palpus of medium size; femur normal; patella short, not modified; tibia of average length, the dorsal process short, with two points, length less than half the diameter of the tibia; cymbium normal. Embolus thick, with a slender S-shaped terminal piece; conductor with the posterior process sharply curved at the base, the tip straight and sharply pointed.

♀. Structure typical. Epigynum as figured.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	2.33	220	2.25	225

Carapace:

Length	1.06	100	1.00	100
Width .....	.82	77	.75	75

Tibia-patella:

I	1.06	100	.90	90
IV .....	.72	68	.65	65

TYPE LOCALITY: W 80° 51' : N 32° 0', Georgia: Savannah Beach; May 4, 1943; ♂ holotype, ♀ allotype, 2 ♂ paratypes; Wilton Ivie collector.

This species is closely related to *Dictyna cambridgei* Gertsch and Ivie, but is larger in size and has minor differences in the palpus and epigynum.

Dictyna sublata (Hentz)

Abbot, 1792, Spiders of Georgia, *294, 295. MSS.

Theridion sublatum Hentz, 1850, *J. Boston Soc. Nat. Hist.*, 6 : 276; *9 : 10.

Dictyna volupis Keyserling, 1881, *Verh. zool.-bot. Ges. Wien*, 31 : 285; *11 : 10.

Dictyna volupis, Emerton, 1888, *Trans. Conn. Acad. Sci.*, 7 : 448; *9 : 8.

Dictyna foliacea (Hentz), Petrunkevitch, 1911, *Cat. Spid. Amer.*, 109 (in part).

Dictyna foliacea, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 173.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.33 ♀ Georgia: Bell to Washington; April 30, 1943; W. Ivie.
 " ♂ Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 83.34 2 ♂ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 " 3 ♂ 2 ♀ Georgia: Clarkesville; April 27, 1943; W. Ivie.
 84.33 ♂ ♀ Georgia: Atlanta; May 27, 1912; C. R. Crosby. (Bishop and Crosby, 1926).
 ? ♂ Georgia: DeWitt; March, 1913; Spooner. (Bishop and Crosby, 1926).

Dictyna suwaneae Gertsch

(Description to be published soon).

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: Briear Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 83.30 4 ♂ 4 ♀ Georgia: South of Lake Park; June 15, 1935; W. Ivie.

This small species is common on low plants.

Dictyna sylvania Chamberlin and Ivie, new species

Figs. 173, 174.

RECORD:

- 81.32 ♂ Georgia: North of Sylvania; April 7, 1943; W. Ivie. Holotype.

♂. *Color*: Carapace orange brown, with dusky shadings and streaks, a wide V-shaped mark on back of head more conspicuous than the other markings. Chelicerae orange brown, with lighter tips. Endites yellowish brown. Sternum and labium yellowish, shaded with dusky. Legs uniform pale brown. Abdomen gray above and on sides, with a faint pattern of pale gray on dorsum; venter pale gray. Spinnerets pale brown.

Structure essentially typical. Size small. Head moderately arched back of the eyes; clypeus about two diameters of an a. m. eye in height. Anterior eye row faintly procurved; a. m. eyes a little less than a diameter apart, less than a radius from the side eyes. Posterior row faintly recurved; eyes about a diameter apart. Median ocular quadrangle wider than long, wider behind than in front. Chelicerae longer than the width of both; sides convex; median opening as wide as the diameter of a chelicera; without a basal process in front. Legs 1 2 4 3 in order of length. Palpus moderately small; femur and patella unmodified; tibia one and a half times as long as thick, with the spur dorsad and basal, two-pointed, less than half the diameter of the tibia in length; cymbium normal. Palpal organs essentially normal; embolus moderately thick, tapering to a point at the tip; posterior process of conductor sharp and curved, claw-like.

Measurements:

	♂ Holotype	
	Mm.	Ratio
Length	1.55	194
Carapace:		
Length .....	.80	100
Width .....	.59	74
Tibia-patella:		
I .....	.75	94
IV .....	.50	62

TYPE LOCALITY: W 81° 35' : N 32° 44', Georgia: one mile north of Sylvania; April 7, 1943; ♂ holotype; W. Ivie collector. Taken from a web on a low plant.

Dictyna toccoa Chamberlin and Ivie, new species

Fig. 172.

RECORD:

83.34 ♀ Georgia: Clarkesville to Toccoa; April 29, 1943; W. Ivie. Holotype.

♀. *Color*: Carapace dark brown, slightly lighter on top of the head, with a median band of white hairs on the head. Chelicerae dark brown. Endites medium brown. Labium dusky brown. Sternum dark dusky brown. Legs pale yellowish, shaded at the joints. Palpi pale yellowish. Abdomen light gray above, heavily marked with blackish, consisting of a median basal mark, coalescent transverse bars beyond middle, and spots and dashes on the sides; a large whitish spot just above the spinnerets; venter broadly dusky along the middle, lighter on the sides. Spinnerets brown.

Structure essentially typical. Height of clypeus about one and a half diameters of an a. m. eye. A. m. eyes distinctly smaller than the others. Anterior eye row straight; a. m. eyes about a diameter apart, about a radius from the side eyes. Posterior row recurved; p. m. eyes a little less than a diameter apart, a diameter from the side eyes. Median ocular quadrangle wider than long, slightly wider behind than in front. Legs moderately slender; 1 4 2 3 in order of length. Epigynum large; structure shown in the figure.

<i>Measurements:</i>		♀ Holotype
	Mm.	Ratio
Length	1.70	243
Carapace:		
Length .....	.70	100
Width .....	.60	86
Tibia-patella:		
I .....	.73	104
IV .....	.60	86

TYPE LOCALITY: W 83° 25' : N 34° 35', Georgia: between Clarksville and Toccoa; April 29, 1943; ♀ holotype; Wilton Ivie collector.

Dictyna volucripes Keyserling

Dictyna volucripes Keyserling, 1881, *Verh. zool.-bot. Ges. Wien*, 31 : 286; *11 : 11.

RECORDS:

- 80.34 ♀, Im. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 ♂ 2 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 81.32 4 ♂ 4 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 82.34 ♀ Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
 82.33 ♂ 4 ♀ Georgia: Bell to Washington; April 30, 1943; W. Ivie.
 83.34 ♂ 4 ♀ Georgia: S.E. Royston; April 30, 1943; W. Ivie.
 83.33 ♂ 2 ♀ Georgia: West of Lexington; April 22, 1943; W. Ivie.
 83.32 ♀, Im. Georgia: North of Macon; June 16, 1935; W. Ivie.

This species builds its webs in the tops of dead weeds, etc. It has been confused with *D. arundinaceoides* Keyserling, this latter being the species which Emerton (1888) figured as *volucripes*.

Genus LATHYS Simon, 1884

Lathys dixiana Ivie and Barrows

Lathys dixiana Ivie and Barrows, 1935, *Bull. Univ. Utah*, (Biol.)3(2):3; *6-7.

RECORD:

- 81.32 4 ♀ Georgia: 3 mi. S.E. Savannah; April 15 and May 3, 1943; W. Ivie.

Found under the scales of bark on the trunks of pine trees.

Lathys foxii (Marx)

Prodalia foxii Marx, 1891, *Proc. Ent. Soc. Wash.*, 2:8; *1:5.
Lathys foxii, Simon, 1892, *Hist. Nat. Araignees*, 1:240.

RECORDS:

- 80.32 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.

Found on the ground among dead leaves.

Lathys pinea Chamberlin and Ivie, new species

Fig. 182.

RECORD:

- 81.32 3 ♀ Georgia: 3 mi. S.E. Savannah; April 4 and May 3, 1943;
 W. Ivie.

♀. *Color*: Carapace bright orange, with several lines of dark hairs on the head, and with narrow black rings around the eyes. Chelicerae orange. Sternum and endites yellowish orange. Labium dusky orange. Legs and palpi dusky, with the joints light, the top of the patella and distal part of tarsus faded, and with the coxae and trochanters brownish gray. Abdomen dark gray above and on the sides, with a large, irregular, white pattern along the middle of the dorsum, which encloses a large dark mark over the heart; venter uniform light gray. Spinnerets light grayish brown. Epigynum yellowish orange.

Structure: General shape somewhat compact and slightly flattened. Carapace rather broad; thorax low; head moderately elevated and rounded on top. Eyes small. Height of clypeus about two and a half diameters of an a. m. eye. Anterior eye row slightly procurved; a. m. eyes about one and a half diameters apart, a scant radius from the side eyes. Posterior row faintly procurved; p. m. eyes about one and a half diameters apart, slightly closer to the side eyes. Median ocular quadrangle wider than long, about as wide in front as behind. Chelicerae vertical; length a little less than the width of both at the base; narrowing slightly toward tips; fang groove with three teeth on the front margin, of which the center is much the largest, none on the hind margin. Sternum sub-orbicular, barely longer than wide, slightly truncate across front, slightly pointed behind; separates hind coxae by a little more than a diameter. Endites narrow, more than twice as long as wide; convergent around labium, nearly touching distally. Labium sub-triangular; tip rounded; about as long as wide. Legs moderately slender; sub-equal in length, the order being 1 4 2 3; calamistrum single, extending nearly full length of metatarsus 4. Abdomen oval, somewhat flattened. Spinnerets normal; cribellum not divided. Epigynum large and very peculiar in structure, as illustrated in the figure.

Measurements:

	♀ Holotype
	Mm. Ratio
Length	2.40 240

Carapace:		
Length	1.00	100
Width .....	.85	85
Tibia-patella:		
I	1.05	105
IV .....	.95	95

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 mi. S.E. Savannah; May 3, 1943, ♀ holotype, ♀ paratype; April 4, 1943, ♀ paratype; Wilton Ivie collector. Found under scales of bark on the trunks of large pines, with delicate webs between the ridges of bark.

Genus SCOTOLATHYS Simon, 1884

Scotolathys maculata (Banks)

Dictyolathys maculata Banks, 1900, *Proc. Acad. Philadelphia*, 534.

Scotolathys maculata, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 173.

Dictyolathys maculata, Bryant, 1943, *Psyche*, 50 : 83-86; *1.

RECORDS:

- 80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 4 ♂ 4 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 82.30 ♂ 50 ♀ Georgia: Billy's Island, Okefenokee Swamp; June 4, 1912;
 C. R. Crosby. (Bishop and Crosby, 1926).

This species is found abundantly under dead leaves, in situations which are moderately damp.

Scotolathys maculata immaculata Chamberlin and Ivie, new subspecies

RECORD:

- 83.34 2 ♂ 4 ♀ Georgia: Demorest; April 26, 1943; W. Ivie. Types.

This subspecies is indistinguishable from *maculata*, except in the color of the abdomen. In this subspecies, the gray markings are entirely lacking, leaving the abdomen a concolorous grayish white.

TYPE LOCALITY: W 83° 32' : N 34° 33', Georgia: Demorest; April 26, 1943; ♀ holotype, ♂ allotype, ♂ 3 ♀ paratypes; Wilton Ivie collector.

Scotolathys alba Chamberlin and Ivie, new species

Figs. 178, 179.

RECORDS:

- 81.32 ♂ ♀ Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.
 Types.
 " 3 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.

Color: Carapace light brownish yellow. Chelicerae brownish orange. Endites and labium light brownish yellow. Sternum, legs, and palpi light

yellowish; palpal organs of male brownish. Abdomen pale grayish white. Spinnerets light yellowish. Epigynum brownish yellow.

Structure: Size small. Structure essentially typical; male and female very similar. Height of clypeus less than a radius of an anterior eye. Anterior eyes larger than the others, about two-thirds of a diameter apart. Posterior eye row procurved; p. m. eyes a little more than a radius apart, a little less than a radius from the side eyes. Legs of average size; 1 4 2 3 in order of length. Abdomen oval, tending to be slender. Palpus of the usual form. Epigynum simple, consisting externally of two round openings, a radius to a diameter apart.

<i>Measurements:</i>	♂ Allotype		♀ Holotype	
	Mm.	Ratio	Mm.	Ratio
Length	1.30	210	1.22	234
<i>Carapace:</i>				
Length .....	.62	100	.52	100
Width .....	.48	77	.41	79
<i>Tibia-patella:</i>				
I .....	.55	89	.41	79
IV .....	.47	76	.40	77

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 4, 1943; ♀ holotype, ♂ allotype; W. Ivie collector.

OTHER LOCALITY:

82.29 ♂ 3 ♀ Florida: West of Newnan Lake; February 12, 1942; W. Ivie.

This species is smaller than *S. pallida* (Marx), and the epigynum is different.

Genus TITANOECA Thorell, 1870

***Titanoeca brunnea* Emerton**

Titanoeca brunnea Emerton, 1888, *Trans. Conn. Acad. Sci.*, 7:453; *10:5.

RECORDS:

81.32 4 ♂ 4 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.

" 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.

83.34 Im. Georgia: S.E. Toccoa; April 29, 1943; W. Ivie.

This species lives on the ground, under dead leaves, etc.

AGELENIDAE

Genus AGELENOPSIS Giebel, 1869

***Agelenopsis barrowsi* (Gertsch)**

Agelena barrowsi Gertsch, 1934, *Amer. Mus. Nov.*, 726:23; *8, 9.

Agelenopsis (Barronopsis) barrowsi, Chamberlin and Ivie, 1941, *Ann. Ent. Soc. Amer.*, 34:602; *14, 15, 43-45.

RECORDS:

- 80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 ♂ ♀ Georgia: 3 mi. S.E. Savannah; April, 1943; W. Ivie.
 " 2 ♀ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.

Agelenopsis emertoni Chamberlin and Ivie

Agelenopsis emertoni Chamberlin and Ivie, 1935, *Bull. Univ. Utah*, (Biol.)2(8):33; *11:110.

Agelenopsis (Agelenopsis) emertoni, Chamberlin and Ivie, 1941, *Ann. Ent. Soc. Amer.* 34:593; *5, 28, 30.

RECORDS:

- 81.32 ♂ ♀ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.
 " 2 ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 84.32 ♀ Georgia: Fort Benning; October 31, 1943; D. E. Beck.

Agelenopsis kastoni Chamberlin and Ivie

Agelenopsis (Agelenopsis) kastoni Chamberlin and Ivie, 1941, *Ann. Ent. Soc. Amer.*, 34:591; *2, 18, 35.

RECORD:

- 83.34 ♂ s ♀ s Georgia: Clayton and vicinity; April 28, 1943; W. Ivie.

This species was found abundantly, with its funnel-shaped webs on the ground in open spaces. It evidently matures early in the spring.

Agelenopsis naevia (Walckenaer)

Abbot, 1792, *Spiders of Georgia*, *96, 101. MSS.

Agelena naevia Walckenaer, 1805, *Tableau Aran.*, 51.

Agelena naevia, Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2:24.

Agelenopsis (Agelenopsis) naevia, Chamberlin and Ivie, 1941, *Ann. Amer. Ent. Soc.*, 34:597; *9, 25, 36.

RECORDS:

- 81.32 ♂ ♀ Georgia: "Burke County"; June 12 and November 12; John Abbot. (Walckenaer, 1841).
 82.32 ♀ Georgia: Oak Park; August 23, 1933; W. Ivie.

Agelenopsis texana (Gertsch)

Agelena texana Gertsch, 1934, *Amer. Mus. Nov.*, 726:24.

Agelenopsis (Barronopsis) texana, Chamberlin and Ivie, 1941, *Ann. Amer. Ent. Soc.*, 34:601; *46, 47.

RECORD:

- 84.32 ♂ Georgia: Fort Benning; October 24, 1943; D. E. Beck.

Genus CALYMMARIA Chamberlin and Ivie, 1937

Calymmaria montavencis (Bishop and Crosby)

Cybaeus montavencis Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 201; *51-53.
Calymmaria montavencis, Chamberlin and Ivie, 1937, *Ann. Ent. Soc. Amer.*, 30 : 213.

RECORD:

84.32 ♀ Georgia: Fort Benning; October 24, 1943; D. E. Beck.

Genus CICURINA Menge, 1869

Cicurina arcuata Keyserling

Cicurina arcuata Keyserling, 1887, *Verh. zool.-bot. Ges. Wien*, 37 : 460; *6 : 25.
Cicurina (Cicurusta) arcuata, Chamberlin and Ivie, 1940, *Bull. Univ. Utah*, (Biol.) 5 (9) : 63;
 *46, 47, 84, 85.

RECORDS:

84.33 ♂ Georgia: Stone Mt., near Atlanta. (Chamberlin and Ivie, 1940).

“ ♂ Georgia: Fort Benning; October 31, 1943; D. E. Beck.

Genus CORAS Simon, 1898

Coras medicinalis (Hentz)

Abbot, 1792, Spiders of Georgia, *107, 108. MSS.
Tegenaria medicinalis Hentz, 1821, *Journ. Acad. Phila.*, 2 : 53; *5 : 1.
Tegenaria nemorensis Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 10.
Coelotes medicinalis, Emerton, 1889, *Trans. Conn. Acad. Sci.*, 8 : 191; *7 : 1.

RECORDS:

81.32 ♂ ♀ Georgia: “Burke County”; February 6 and December 30;
 John Abbot. (Walckenaer, 1841).

“ 3 ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.

84.32 2 ♂ 4 ♀ Georgia: Fort Benning; October 24, 1943; D. E. Beck.

Found about houses, under bridges, in hollow stumps, etc.

Coras taugynus Chamberlin

Coras taugynus Chamberlin, 1925, *Proc. Biol. Soc. Wash.*, 38 : 124.

RECORD:

84.32 ♀ Georgia: Macon County; October, 1926.

Genus TEGENARIA Latreille, 1804

Tegenaria arboricole Walckenaer

Abbot, 1792, Spiders of Georgia, *109, 110 (type). MSS.
Tegenaria arboricole Walckenaer, 1841, *Hist. Nat. Ins. Apt.*, 2 : 6.
Tegenaria nemorensis Walckenaer, *Ibid.*, 10 (in part, *109).

RECORD:

81.32 2 ♀ Georgia: "Burke County"; October, and December 27; J. Abbot. (Walckenaer, 1841).

The figures of this species appear to be different from anything we have. It is undoubtedly an Agelenid, but we are not certain of the genus, so leave it in *Tegenaria* for the present. Abbot's notes state: "Taken in October in the woods, common. This species makes a web like the last, No. 109, in old trees and bushes." (*110). "Taken 27th December in its winter retreat in an old tree. These . . . spiders in the summer makes a web in old trees similar to the English House Spider, and they are frequent in the woods." (*109). Walckenaer's description is as follows:

"Female. — Tawny yellow. Abdomen oval, bulging above, having near the carapace two clear yellow spots bordered with brown; behind these spots two or three others of the same color but smaller, disposed along the border of a median red band which extends over the entire length of the dorsum and which is bordered with two black lines broken on the inner side by the yellow spots.

Length, 6 lines."

Genus WADOTES Chamberlin, 1925

Wadotes bimucronatus (Simon)

Coelotes bimucronatus Simon, 1898, *Ann. Ent. Soc. Belg.*, 42 : 6.

Coelotes bimucronatus, Simon, 1898, *Hist. Nat. Araignees*, 2 : 249; *246.

Wadotes bimucronatus, Chamberlin, 1925, *Proc. Biol. Soc. Wash.*, 38 : 121.

RECORD:

84.32 ♂ Georgia: Macon County; October, 1926.

Wadotes calcaratus (Keyserling)

Coelotes calcaratus Keyserling, 1887, *Verh. zool.-bot. Ges. Wien*, 37 : 420; *6 : 32.

Wadotes calcaratus, Chamberlin, 1925, *Proc. Biol. Soc. Wash.*, 38 : 121.

RECORD:

84.32 ♂ Georgia: Macon County; October, 1926.

Wadotes dixiensis Chamberlin

Wadotes dixiensis Chamberlin, 1925, *Proc. Biol. Soc. Wash.*, 38 : 120.

RECORD:

84.32 ♂ Georgia: Fort Benning; November 20, 1943; D. E. Beck.

Wadotes hybridus (Emerton)

Coelotes hybridus Emerton, 1889, *Trans. Conn. Acad. Sci.*, 8 : 193; *7 : 4.

Wadotes hybridus, Chamberlin, 1925, *Proc. Biol. Soc. Wash.*, 38 : 122.

RECORDS:

83.34 2 ♀ Georgia: Tallulah Falls.

" 3 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.

84.34 ♂ ♀ Georgia: Blue Ridge Mountains.

HAHNIIDAE

Genus HAHNIA C. Koch, 1841

Hahnia cinerea seminola Gertsch*Hahnia cinerea* race *seminola* Gertsch, 1934, *Amer. Mus. Nov.*, 712 : 8.

RECORD:

81.32 ♀ s Georgia: North of Sylvania; April 10, 1943; W. Ivie.

Found on the ground under leaves.

Hahnia okefinokensis Chamberlin and Ivie*Hahnia okefinokensis* Chamberlin and Ivie, 1934, *In Gertsch, Amer. Mus. Nov.*, 712 : 8; *22, 23.

RECORD:

82.30 ♂ 2 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie. (Gertsch, 1934). Types.

Collected from under scales of bark on the trunk of a large pine.

Genus NEOANTISTEA Gertsch, 1934

Neantistea agilis (Keyserling)*Hahnia agilis* Keyserling, 1887, *Verh. zool.-bot. Ges. Wien*, 37 : 465; *6 : 29.*Neantistea agilis*, Gertsch, 1934, *Amer. Mus. Nov.*, 712 : 19; *29, 41.

RECORDS:

81.32 2 ♂ 4 ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.

83.34 ♂ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.

" ♀ Georgia: Clarkesville to Toccoa; April 28, 1943; W. Ivie.

" ♀ Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

This species is most commonly found with its delicate sheet web in a small depression in damp ground, such as the hoof marks of cattle.

OXYOPIDAE

Genus HAMATALIWA Keyserling, 1887

Hamataliwa grisea Keyserling

Abbot, 1792, Spiders of Georgia, *532. MSS.

Hamataliwa grisea Keyserling, 1887, *Verh. zool.-bot. Ges. Wien*, 37 : 458; *6 : 24.*Hamataliwa grisea*, Banks, 1904, *Proc. Acad. Phila.*, 137.

RECORDS:

81.32 ♀ Georgia: "Burke County"; May 27; John Abbot.

81.30 Florida: Jacksonville; April. (Banks, 1904).

82.30 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.

Genus OXYOPES Latreille, 1804

Oxyopes aglossus Chamberlin

Abbot, 1792, Spiders of Georgia, *469, 487, 490. MSS.

Oxyopes aglossus Chamberlin, 1929, *Ent. News*, 40 : 17; *1, 2.

RECORDS:

81.32 4 imm. Georgia: Vicinity Sylvania and Savannah; April, 1943; W. Ivie.

82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.

82.30 2 ♂ 4 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Chamberlin, 1929). Types.

Oxyopes arcuatus (Walckenaer)

Abbot, 1792, Spiders of Georgia, *322 (type), 323. MSS.

Sphasus arcuatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 378.

Oxyopes arcuatus, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 584.

RECORD:

81.32 2 ♀ Georgia: "Burke County"; August 26 and September 28; John Abbot. (Walckenaer, 1837).

"Female. — Abdomen oval, dilated at the middle, pointed at the end, a beautiful yellow, sometimes tinged with red, with two double curved black marks, side by side, and placed transversely, so as to resemble the top of a heart; a large band of a vivid red above these four black marks. Toward the anal end, there are likewise one or two small transverse marks which are black accompanied by a vivid red. Venter a reddish brown. Carapace and legs a beautiful yellow.

Length, 4½ lines."

Oxyopes helius Chamberlin

Abbot, 1792, Spiders of Georgia, *489. MSS.

Oxyopes helius Chamberlin, 1929, *Ent. News*, 40 : 19; *4.

Oxyopes helius, Bryant, 1936, *Psyche*, 43 : 92; *7.

RECORDS:

81.33 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.

81.32 ♀ Georgia: "Burke County"; June 8; John Abbot.

82.30 ♀ Georgia: Mixon's Hammock, Okefenokee Swamp; June 16, 1912; C. R. Crosby. (Chamberlin, 1929). Holotype.

Oxyopes lanceolatus (Walckenaer)

Figs. 180, 181.

Abbot, 1792, Spiders of Georgia, *42.

Sphasus lanceolatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 377.

Oxyopes lanceolatus, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 585.

RECORDS:

81.32 Im. Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.

- “ Im. Georgia: North of Sylvania; April 7, 1943; W. Ivie.
 “ ♀ Georgia: “Burke County”; June 16; John Abbot. (Walcenaer, 1837).
 82.33 Im. Georgia: Thomson to Washington; April 22, 1943; W. Ivie.
 82.30 ♂ ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. Neotypes.

Color: Integument of carapace yellowish, with dusky gray markings: a broad band along each upper side, with three or four spots lower down on each side, and with a pair of vertical streaks on the front of the clypeus; eyes surrounded with black (markings more diffuse in the male). Chelicerae brownish yellow, with a vertical dusky streak on the front of each, and with another streak on the mesal margin below the middle. Endites yellowish, with a dusky streak on each ectal side. Labium dusky. Sternum yellowish, shaded with dusky on the margins. Legs and palpi yellowish brown, marked with dusky, which is in the form of spots, streaks, and patches in no definite pattern, although it tends to form into rings beyond the femora (cymbium of male palpus nearly black). Abdomen of female pale gray along the middle above, dark gray laterally — the light area contains a dusky streak over the heart, and has the lateral margins more or less lobate; lower sides light gray, streaked and reticulate with dark gray; venter with a wide band of broken gray along the middle, with a light band along each side. Abdomen of male dark gray, with lighter diffused areas above, and with a metallic luster. Spinnerets yellowish marked with dusky.

Structure and size close to that of *salticus*. The epigyna are superficially similar. The male palpus is much smaller, and the patella has a peculiar flattened process on the ventral side.

<i>Measurements:</i>	♂ Allotype		♀ Neotype	
	Mm.	Ratio	Mm.	Ratio
Length	4.00	214	5.70	271
Carapace:				
Length	1.87	100	2.10	100
Width	1.34	72	1.50	71
Tibia-patella:				
I	1.89	101	1.95	93
IV	1.90	102	1.95	93

TYPE LOCALITY: About W 82° 15' : N 30° 45', Georgia: Billy's Island, Okefenokee Swamp; June, 1912; ♀ neotype, ♂ allotype; C. R. Crosby collector. These specimens were included in a vial of *O. salticus*.

Oxyopes salticus Hentz

Abbot, 1792, Spiders of Georgia, *455. MSS.

Oxyopes salticus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5:196; *16:10.

Oxyopes salticus, Banks, 1904, *Proc. Acad. Phila.*, 137.

RECORDS:

80.34 4 ♂ 4 ♀ South Carolina: Bethune; June 10, 1935; W. Ivie.

- 81.32 ♀ Georgia: "Burke County"; June 6; John Abbot.
 " 3 imm. Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 81.30 Florida: Jacksonville; April. (Banks, 1904).
 82.34 Im. Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
 82.33 ♀ Georgia: Wrens; August 22, 1933; W. Ivie.
 82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.
 82.30 4 ♂ 4 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 " 2 ♂ ♀ Florida: Jasper; June 15, 1935; W. Ivie.
 83.33 Im. Georgia: East of Lexington; April 22, 1943; W. Ivie.
 83.32 ♂ ♀ Georgia: North of Macon; June 16, 1935; W. Ivie.

This species is taken in large numbers by sweeping grass and other plants in open areas.

Oxyopes scalaris Hentz

Abbot, 1792, Spiders of Georgia, *470, 488, 569. MSS.

Oxyopes scalaris Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 196; *17 : 4.

RECORDS:

- 81.32 ♂ ♀ Georgia: "Burke County"; May 23 (♂), June 8 (♀); J. Abbot.
 83.34 Im. Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie.
 83.33 Im. Georgia: North of Athens; June 16, 1935; W. Ivie.
 83.32 ♀ Georgia: North of Macon; June 16, 1935; W. Ivie.

Genus PEUCETIA Thorell, 1870

Peucetia abboti (Walckenaer)

Abbot, 1792, Spiders of Georgia, *401 (type), 406, 411. MSS.

Clastes abboti Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 579.

Clastes roseus Walckenaer, 1841, *Ibid.*, 2 : 476. (*411).

Clastes viridis Walckenaer, *Ibid.*, 475. (*406).

Oxyopes viridans Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 195; *17 : 2.

Peucetia viridans, Banks, 1904, *Proc. Acad. Philadelphia*, 137.

Peucetia viridans, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 587.

RECORDS:

- 80.34 Imm. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 ♂ ♀ South Carolina: Lexington; August 22, 1933; W. Ivie.
 " ♂, Imm. South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 3 ♀ Georgia: "Burke County"; September; John Abbot.
 (Walckenaer, 1837 and 1841).
 " Imm. Georgia: Vicinity Sylvania; April, 1943; W. Ivie.
 81.30 Florida: Jacksonville. (Banks, 1904).
 82.33 4 ♂, Imm. Georgia: Wrens; August 22, 1933; W. Ivie.
 82.32 2 imm. Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 Im. Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 82.30 Imm. Florida: Jasper; June 15, 1935; W. Ivie.

- 83.34 Im. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 83.33 2 imm. Georgia: North of Athens; June 16, 1935; W. Ivie.
 83.32 3 imm. Georgia: North of Macon; June 16, 1935; W. Ivie.
 83.31 Im. Georgia: 16 mi. So. Cordele; June 16, 1935; W. Ivie.
 84.32 3 ♀ Georgia: Fort Benning; October 21, 1943; D. E. Beck.
 84.30 ♂, ♀, Imm. Florida: Tallahassee; August 27, 1933; W. Ivie.

"These spiders make no web, but frequent different plants, preying on insects in the manner of Lurking Spiders, they are to be met with in oak and pine woods, most common on the Dog Fennel around ponds, catching the insects that frequents the blossoms." (Abbot).

PISAURIDAE

Genus DOLOMEDES Latreille, 1804

Dolomedes albiclavius Bishop

Dolomedes albiclavius Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 56; *32 : 1, 33 : 4.

RECORD:

- 82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp. (Bishop, 1924).

Dolomedes albineus Hentz

Dolomedes albineus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 189; *16 : 2.

Dolomedes albineus, Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 33; *12 : 1, 13 : 1, 14 : 1-3, 15 : 1.

RECORDS:

- 82.30 Georgia: Okefenokee Swamp. (Bishop, 1924).
 84.30 Georgia: Spring Creek, Decatur County. (Bishop, 1924).

Dolomedes okefinokensis Bishop

"Tree Spider", Abbot, 1792, *Spiders of Georgia*, *1, 281.

Dolomedes rufus (DeGeer), Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 351 (in part).

Dolomedes okefinokensis Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 38; *17 : 1, 19 : 2.

RECORDS:

- 81.32 2 ♀ Georgia: "Ogeechee River Swamp"; May 5; John Abbot. (Walckenaer, 1837).
 82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; Bishop and Crosby. (Bishop, 1924). Holotype.
 " Im. Same; June, 1912.

This large spider lives in swampy areas, where it is most commonly seen at night on the trunks of trees, with its body close to the tree and its legs spread out.

Dolomedes sexpunctatus Hentz

Dolomedes sexpunctatus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 191; *16 : 5-6.

Dolomedes triton sexpunctatus, Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 52; *29 : 1-2.

RECORDS:

- 82.30 Georgia: Billy's Island, Okefenokee Swamp. (Bishop, 1924).
 " Georgia: Fargo. (Bishop, 1924).

Dolomedes suspectus (Walckenaer)

Fig. 58.

Abbot, 1792, *Spiders of Georgia*, *11.

Lycosa tarentula suspecta Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 286.

RECORD:

- 81.32 ♀ Georgia: "Burke County"; June 28; John Abbot. (Walckenaer, 1837).

"Taken 28th June in the oak woods, not common". (Abbot).

"Grayish, with black streaks. Carapace having on the middle an elongate brown band, uniform or sagittate on posterior part. Abdomen oval, lightly indented or of heart-form anteriorly, broader at the middle and narrowed abruptly toward posterior end; varied in gray and brown; having on the middle three chevrons, angular and connected, of a beautiful yellow orange bordered with black; above an elongate sagittate mark; black lateral lines. Legs annulate with black and white.

Length, 12 lines." (Walckenaer).

Dolomedes tenebrosus Hentz

Dolomedes tenebrosus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 4 : 396; *19 : 10-13.

Dolomedes tenebrosus, Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 40; *20 : 1, 21 : 2-5.

RECORDS:

- 81.32 ♀ Georgia: Millen; April 16, 1943; W. Ivie.
 82.30 Georgia: Billy's Island, Okefenokee Swamp. (Bishop, 1924).
 83.34 Georgia: Thompson's Mills. (Bishop, 1924).
 84.34 Georgia: Rosswell. (Bishop, 1924).
 84.32 Im. Georgia: Fort Benning; October 31, 1943; D. E. Beck.

Dolomedes triton (Walckenaer)

Abbot, 1792, *Spiders of Georgia*, *91. MSS.

Lycosa triton Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 340.

Dolomedes triton triton, Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 50; *27 : 1, 30 : 2-3.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; June 4; J. Abbot. (Walckenaer, 1837).
 " Im. Georgia: Marlow; April 5, 1943; W. Ivie.
 " 2 imm. Georgia: North of Sylvania; April 7, 1943; W. Ivie.

- 82.34 ♀ South Carolina: Greenville; August 2, 1910; R. V. Chamberlin.
 82.30 ♀ s Georgia: Billy's Island, etc., Okefenokee Swamp. (Bishop, 1924).
 " ♀ Georgia: E. side Okefenokee Swamp. (Bishop, 1924).
 83.34 ♂, Imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

"It makes no web and keeps on the water in ponds, springs, and brooks, running on the water as if on the ground. It retreats under logs, boards, etc., preying on the insects it meets with, principally such as fall into it." (Abbot).

Dolomedes urinator Hentz

Dolomedes urinator Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 190; *16 : 3.

Dolomedes urinator, Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 36; *16 : 1, 33 : 3.

RECORD:

- 84.30 Georgia: Bainbridge. (Bishop, 1924).

Dolomedes vittatus Walckenaer

Abbot, 1792, *Spiders of Georgia*, *21. MSS.

Dolomedes vittatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 347.

Dolomedes lanceolatus Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 191; *17 : 12.

Dolomedes vittatus, Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 47; *24 : 3, 25 : 1.

RECORDS:

- 81.32 ♀ Georgia: "Ogeechee River Swamp"; April 10; John Abbot. (Walckenaer, 1837).
 82.33 2 imm. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 " Im. Georgia: Washington to Thomson; May 1, 1943; W. Ivie.
 83.34 3 imm. Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.
 84.32 Im. Georgia: Fort Benning; October 31, 1943; D. E. Beck.
 ♂ South Carolina. (Hentz, 1847).

Found under bridges and under logs overhanging streams.

Genus PELOPATIS Bishop, 1924

Pelopatis undulata (Keyserling)

Tetragonophthalma undulata Keyserling, 1887, *Verh. zool.-bot. Ges. Wien*, 37 : 486; *6 : 42.

Pelopatis undulata, Bishop, 1924, *N. Y. State Mus. Bull.*, 252 : 21; *3 : 1-2, 4 : 1-5.

RECORDS:

- 80.34 ♂ ♀ South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 South Carolina: Denmark. (Bishop, 1924).
 " Im. Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 81.32 5 imm. Georgia: East of Sylvania; April 17, 1943; W. Ivie.

- 82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 ---- Georgia: Waycross. (Bishop, 1924).
 82.30 ---- Georgia: Fargo and Billy's Island, Okefenokee Swamp.
 (Bishop, 1924).
 83.31 ♀, 5 imm. Georgia: Adel; June 16, 1935; W. Ivie.

This species is commonly collected by sweeping grass and other green plants.

Genus PISAURINA Simon, 1898

Pisaurina mira (Walckenaer)

Abbot, 1792, Spiders of Georgia, *45, 57 ?, 72, 73, 75, 291, 296, 321 (type). MSS.

Dolomedes mirus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 357.

Dolomedes virgatus Walckenaer, Ibid., 358. (*291).

Pisaurina mira, Bishop, 1924, N. Y. State Mus. Bull., 252 : 23; *5 : 1-2, 6 : 1-2, 7 : 1, 8 : 1-4, 9 : 1-6, 10 : 1-2, 11 : 1.

RECORDS:

- 81.33 Im. South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 ♀ s, etc. Georgia: "Burke County"; John Abbot. (Walckenaer, 1837).
 " Im. Georgia: Bloomingdale; April 5, 1943; W. Ivie.
 " 2 imm. Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 83.34 2 ♀, 5 imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 ----- ---- Georgia. (Bishop, 1924).

Genus TEIPPUS Chamberlin, 1924

Teippus encarpatus (Walckenaer)

Abbot, 1792, Spiders of Georgia, *286. MSS.

Lycosa tarentuloides encarpata Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 290.

RECORDS:

- 81.32 ♀ Georgia: "Briar Creek Swamp"; October 1; John Abbot.
 (Walckenaer, 1837).
 " Im. Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 " Im. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 83.34 Im. Georgia: Gainesville; April 24, 1943; W. Ivie. (?).

This species is a mottled, dark brownish gray color. It is found on the trunks of trees, away from water.

Teippus pinicola (Hentz)

Abbot, 1792, Spiders of Georgia, *6, 16. MSS.

Dolomedes rufus (DeGeer), Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 351 (in part).

Micrommata pinicola Hentz, 1850, J. Boston Soc. Nat. Hist., 6 : 287; *10 : 14.

Dolomedes pinicola, Bishop, 1924, N. Y. State Mus. Bull., 252 : 60; *35 : 1.

Teippus lampurus Chamberlin, 1924, Proc. U. S. Nat. Mus., 63:28.

Dolomedes pinicola, Gertsch, 1934, Amer. Mus. Nov., 726 : 11.

RECORDS:

- 81.32 ♀ Georgia: Ogeechee River Swamp; July 18; John Abbot. (Walckenaer, 1837).
 “ ♀ Georgia: Savannah River; November 4; J. Abbot. (Walckenaer, 1837).

Teippus praeceps (Walckenaer)

Abbot, 1792, Spiders of Georgia, *58, 106 (type), 449 ? MSS.

Philodromus praeceps Walckenaer, 1937, Hist. Nat. Ins. Apt., 1:560.

Dolomedes tenax Hentz, 1844, J. Boston Soc. Nat. Hist., 4 : 395; *19 : 7-8.

RECORDS:

- 81.32 Imm. Georgia: “Burke County”; February 27, etc.; John Abbot. (Walckenaer, 1837).
 “ Im. Georgia: 5 mi. No. Savannah; April 4, 1943; W. Ivie.

This species is related to *encarpatus* and *pinicola*, but is more strikingly colored. Found on the trunk of a tree.

Genus **THANATIDIUS** Simon, 1898**Thanatidius americanus** (Walckenaer)

Abbot, 1792, Spiders of Georgia, *44.

Uloborus americanus Walckenaer, 1841, Hist. Nat. Ins. Apt., 2 : 229.

Thomisus ? tenuis Hentz, 1847, J. Boston Soc. Nat. Hist., 5 : 449; *23 : 12.

Thanatidius tenuis, Bishop, 1924, N. Y. State Mus. Bull., 252 : 18; *1 : 1, 2 : 1-5.

RECORDS:

- 80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 Im. Georgia: “Briar Creek Swamp”; October 20; John Abbot. (Walckenaer, 1841).
 “ 2 imm. Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 82.33 Im. Georgia: Wrens; August 22, 1933; W. Ivie.
 82.30 ---- Georgia: Billy’s Island, Okefenokee Swamp. (Bishop, 1924).
 “ Im. Florida: Jasper; June 15, 1935; W. Ivie.

LYCOSIDAE

Genus **ARCTOSA** C. Koch, 1848**Arctosa funerea** (Hentz)

Lycosa funerea Hentz, 1844, J. Boston Soc. Nat. Hist., 4 : 393; *18 : 11.

Allocosa funerea, Chamberlin, 1908, Proc. Acad. Phila., 287; *10 : 3.

Arctosa funerea, Gertsch, 1934, Amer Mus. Nov., 693 : 9.

RECORDS:

- 81.32 Im. Georgia: Briar Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 83.34 5 imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 ----- ---- Georgia. (Chamberlin, 1908).

Arctosa furtiva Gertsch

Arctosa furtiva Gertsch, 1934, *Amer. Mus. Nov.*, 726 : 8; *4.

RECORDS:

- 80.32 Im. Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 Im. Georgia: North of Sylvania; April 7, 1943; W. Ivie.
 83.34 Im. Georgia: Clarkesville; April 27, 1943; W. Ivie.

Arctosa littoralis (Hentz)

Lycosa littoralis Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 4 : 388; *17 : 9.

Lycosa maritima Hentz, *Ibid.*, 389; *17 : 10.

Lycosa cinerea, Chamberlin, 1908, *Proc. Acad. Phila.*, 281; *20 : 5, 6.

Arctosa littoralis, Chamberlin, 1924, *Proc. Cal. Acad. Sci.*, Sec. 4, 12, p. 673.

Lycosa cinerea, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 207.

Arctosa littoralis, Gertsch, 1934, *Amer. Mus. Nov.*, 693 : 7.

RECORDS:

- 80.32 *South Carolina: Bear Island, St. Helena Bay.* (Hentz, 1844).
 " Im. Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 Im. Georgia: Briar Co., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 81.30 ♂ *Florida: Mayport; Wm. Holden.* (Emerton, 1875, In *Hentz: Spiders U. S.*, 30).
 82.30 2 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).
 84.30 ♂ Georgia: Bainbridge; September, 1911; C. R. Crosby. (Bishop and Crosby, 1926).

This species lives in burrows and under stones on the shore, preferably in sandy situations.

Genus **GEOLYCOSA** Montgomery, 1904**Geolycosa fatifera** (Hentz)

Lycosa fatifera Hentz, 1842, *J. Boston Soc. Nat. Hist.*, 4 : 229; *8 : 8.

Lycosa fatifera, Chamberlin, 1908, *Proc. Acad. Phila.*, 241; *20 : 8.

Geolycosa fatifera, Wallace, 1942, *Amer. Midl. Nat.*, 27 : 9; *3, 4, 33, 46-49, 75, 85, 96, 106.

RECORDS:

- 81.30 ♀ Florida: 10 mi. E. Baldwin; June 3, 1940; H. K. Wallace. (Wallace, 1942).
 81.32 6 ♀ Georgia: Millen; March 27, 1939; H. H. Hobbs. (Wallace, 1942).
 83.34 ♀, Imm. Georgia: No. Clarkesville; April 27, 1943; W. Ivie.

Geolycosa micanopy Wallace

Geolycosa micanopy Wallace, 1942, *Amer. Midl. Nat.*, 27 : 40; *19-24, 40, 72, 73.

RECORD:

- 83.30 Im. ♀ Florida: Madison County, 6 mi. W. Suwanee River; February 5, 1938; F. N. Young. (Wallace, 1942).

Geolycosa ornatipes (Bryant)

Lycosa ornatipes Bryant, 1935, *Psyche*, 42 : 78; *9, 10.

Geolycosa ornatipes, Wallace, 1942, *Amer. Midl. Nat.*, 27:32; *11, 12, 38, 69, 70, 84, 93, 105, 112.

RECORDS:

- 82.33 ♀ Georgia: 11 mi. S.W. Augusta; May 8, 1937; H. K. Wallace. (Wallace, 1942).
 82.31 ♀ Georgia: East of Satilla River, near Waycross; May 8, 1937; H. K. Wallace. (Wallace, 1942).
 83.30 ♀ Florida: Madison County, 6 mi. west of Suwanee River; February 4, 1938; F. N. Young. (Wallace, 1942).

Geolycosa pikei (Marx)

Lycosa arenicola Scudder, 1877, *Psyche*, 2 : 2-9. (Preoccupied by Cambridge, 1875).

Tarentula pikei Marx, 1881, *American Naturalist*, 15 : 398; *4-6.

Geolycosa pikei, Wallace, 1942, *Amer. Midl. Nat.*, 27 : 20; *27, 28, 45, 62, 63, 79, 89, 103, 113.

RECORDS:

- 81.33 5 imm. Georgia: 4 mi. E. Waynesboro; June 29, 1939; H. K. Wallace. (Wallace, 1942).
 82.33 ♀, Im. Georgia: 11 mi. S.W. Augusta; May 8, 1937. (Wallace, 1942).
 82.32 6 ♀ Georgia: 4 mi. E. Swainsboro; April 22, 1938; W. J. Gertsch. (Wallace, 1942).

Geolycosa rogersi Wallace

Geolycosa rogersi Wallace, 1942, *Amer. Midl. Nat.*, 27 : 17; *29, 30, 41, 66, 67, 81, 95, 99, 109.

RECORDS:

- 81.30 ♀ Florida: 10 mi. E. Baldwin; June 3, 1940; H. K. Wallace. (Wallace, 1942).
 84.31 2 ♀ Georgia: 8 mi. No. Camilla; April 13, 1941; H. K. Wallace. (Wallace, 1942).

Geolycosa turricola (Treat)

Tarentula turricola Treat, 1880, *Harper's Monthly*, 710 and 857.

Geolycosa turricola, Wallace, 1942, *Amer. Midl. Nat.*, 27 : 26; *13, 14, 42, 53, 54, 87, 116.

RECORD:

- 82.33 2 ♀ Georgia: 11 mi. S.W. Augusta; May 8, 1937; H. K. Wallace. (Wallace, 1942).

Genus LYCOSA Latreille, 1804

Lycosa acompa Chamberlin

Lycosa acompa Chamberlin, 1924, *Proc. U. S. Nat. Mus.*, 63 : 29; *6 : 45.

Lycosa acompa, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 205.

Lycosa acompa, Gertsch and Wallace, 1935, *Amer. Mus. Nov.*, 794 : 11; *31.

RECORDS:

- 82.30 3 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912;
C. R. Crosby. (Bishop and Crosby, 1926).
84.30 2 ♂ 2 ♀ Florida: Liberty County; April 10, 1935; H. K. Wallace.

***Lycosa annexa* Chamberlin and Ivie, new species**

Fig. 189.

Lycosa helluo Gertsch, 1934, *Amer. Mus. Nov.*, 726 : 6; *3. (Pale variety).

RECORDS:

- 81.32 ♀ Georgia: Sylvania; April 8, 1943; W. Ivie.
83.34 2 ♂, Imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J.
Kaston.
..... Georgia. (Gertsch, 1934).

This species is closely related to *helluo*, but is smaller in size and lighter in color. It was described as a light variety of *helluo* by Gertsch (1934). It differs from *helluo* and *wallacei* mainly in color. The sternum is light yellow, and may contain a large V-shaped dusky mark. The undersides of the coxae are light yellowish, or at the most shaded with dusky, not black or blackish. Abdomen with a bright contrasting pattern above, consisting of a large blackish lanceolate mark over the heart, outlined with light yellowish gray; the sides brownish gray; venter light yellowish gray, more or less specked with dark gray.

<i>Measurements:</i>	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	9.00	180	13.50	200
Carapace:				
Length	5.00	100	6.70	100
Width	3.80	76	5.20	78
Tibia-patella:				
I	5.60	112	5.80	87
IV	5.30	106	6.30	94

TYPE LOCALITY: W 82° 18' : N 29° 40', Florida: Gainesville; February 10, 1942; ♀ holotype, ♂ allotype; W. Ivie and H. K. Wallace collectors.

Lycosa aspersa* HentzLycosa aspersa* Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 4 : 389; *17 : 11-12.*Lycosa aspersa*, Chamberlin, 1908, *Proc. Acad. Phila.*, 236; *9 : 9, *17 : 7-8.

RECORD:

- Georgia. (Chamberlin, 1908).

Lycosa bellamyi* Gertsch and WallaceLycosa bellamyi* Gertsch and Wallace, 1937, *Amer. Mus. Nov.*, 919 : 10; *14.

RECORD:

- 84.30 ♀ Florida: Liberty County; April 12, 1935; H. K. Wallace.
(Gertsch and Wallace, 1937). Holotype.

Lycosa carolinensis Walckenaer

"Ground Hole Spider", Abbot, 1792, Spiders of Georgia, *26, 46, 76.

Lycosa carolinensis Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 285.

Lycosa avida Walckenaer, Ibid., 324 (in part). (*46).

Lycosa vehemens Walckenaer, Ibid., 324. (*76).

Lycosa tarentula Georgiana Walckenaer, Ibid., 286 (in part). (*26).

Lycosa carolinensis, Chamberlin, 1908, Proc. Acad. Phila., 246; *21 : 1, 2.

RECORDS:

- 81.32 ♀, etc. Georgia: "Burke County"; July 10, etc.; John Abbot.
(Walckenaer, 1837).
- " Im. Georgia: North of Springfield; April 6, 1943; W. Ivie.
- " Imm. Georgia: North of Sylvania; April 9, 1943; W. Ivie.
- 82.30 15 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912;
C. R. Crosby. (Bishop and Crosby, 1926).
- " ♀ Georgia: Charlton County; June 17, 1922; Wright. (Bish-
op and Crosby, 1926).
- 84.32 ♂ Georgia: Fort Benning; November 6, 1943; D. E. Beck.
- 84.30 ♀ Georgia: Spring Creek, Decatur County; July, 1912; C.
R. Crosby. (Bishop and Crosby, 1926).
- ---- Georgia! (Chamberlin, 1908).

This large species lives in deep burrows in the ground and comes out at night to feed. The burrow has an open turret top.

Lycosa georgicola Walckenaer

Fig. 57.

"Ground Spider," Abbot, 1792, Spiders of Georgia, *41.

Lycosa tarentuloides Georgicola Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 288.

Lycosa riparia Hentz, 1844, J. Boston Soc. Nat. Hist., 4:389; *17:13-15.

Lycosa riparia, Chamberlin, 1908, Proc. Acad. Phila., 234; *17 : 5, 6.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; October 10; J. Abbot. (Walck-
enaer, 1837).
- 84.33 ♀ Georgia: Fort Benning; October 24, 1943; D. E. Beck.
- ---- South Carolina; Georgia! (Chamberlin, 1908).

Lycosa gulosa Walckenaer

Lycosa gulosa Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 338.

Lycosa kochii Emerton, 1885, Trans. Conn. Acad. Sci., 6 : 485; *46 : 6.

Lycosa gulosa, Chamberlin, 1908, Proc. Acad. Phila., 265; *21 : 6, 7.

RECORD:

- 83.34 ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.

Lycosa helluo Walckenaer

Lycosa helluo Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 337.

Lycosa helluo, Chamberlin, 1908, Proc. Acad. Phila., 226; *17 : 1, 2.

Lycosa helluo, Bishop and Crosby, 1926, Journ. E. Mitchell Soc., 41 : 207.

RECORDS:

- 81.32 ♂ Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 " ♂ Georgia: Sylvania; April 9, 1943; W. Ivie.
 " ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.33 Im. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 82.30 4 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912;
 C. R. Crosby. (Bishop and Crosby, 1926).
 83.34 3 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J.
 Kaston.
 84.32 Imm. Georgia: Fort Benning; October 25, 1943; D. E. Beck.

Lycosa hentzi Banks

Lycosa hentzi Banks, 1904, *Proc. Acad. Phila.*, 135; *8: 15, 16.

RECORD:

- 81.32 Imm. Georgia: North of Sylvania; April 8, 1943; W. Ivie.

This species is common on low plants at night.

Lycosa huberti Chamberlin

Lycosa huberti Chamberlin, 1924, *Proc. U. S. Nat. Mus.*, 63: 28; *6: 44.

Lycosa huberti, Gertsch and Wallace, 1935, *Amer. Mus. Nov.*, 794: 22; *40, 43.

RECORDS:

- 81.32 ♀ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.
 " ♀ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 " 2 ♀ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 84.32 ♂ ♀ Georgia: Fort Benning; October 31, 1943; D. E. Beck.

Lycosa impavida Walckenaer

Abbot, 1792, *Spiders of Georgia*, *31, 74 (type).

Lycosa impavida Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1: 324.

Lycosa tarentula Georgiana Walckenaer, *Ibid.*, 286 (in part, *31).

Lycosa lenta Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 4: 386; *17: 1-4.

Lycosa lenta, Chamberlin, 1908, *Proc. Acad. Phila.*, 243; *18: 8, 9.

Lycosa lenta, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41: 208.

RECORDS:

- 81.32 2 ♂ 2 ♀, Imm. Georgia: Vicinity Sylvania; April, 1943; W. Ivie.
 " ♀, Im. Georgia: "Burke County"; John Abbot. (Walck-
 enaer, 1837).
 82.33 Imm. Georgia: 10 mi. No. Waynesboro; April 20, 1943;
 W. Ivie.
 82.30 ♂ ♀ Georgia: Billy's Island, Okefenokee Swamp; May 1,
 1921; Wright and Harper. (Bishop and
 Crosby, 1926).
 83.34 3 imm. Georgia: S.E. Royston; April 30, 1943; W. Ivie.
 84.33 ♀ Georgia: Atlanta; May 27, 1912. (Bishop and
 Crosby, 1926).

South Carolina. (Hentz, 1844).

Georgia: South Carolina. (Chamberlin, 1908).

This species commonly builds its burrows in sandy situations; it has a trap door lid, which very effectively seals the opening to the burrow. They wander from the burrows at night to feed. Abbot's figure of *impavida* is of an immature specimen, but clearly represents the same species that has been commonly regarded as *lenta* Hentz.

Lycosa infesta Walckenaer

Fig. 60.

Abbot, 1792, Spiders of Georgia, *86. MSS.

Lycosa infesta Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:332.

RECORD:

81.32 ♀ *Georgia: Effingham County; December 10; John Abbot.* (Walckenaer, 1837).

"Male and Female. — Abdomen avoid, of a greenish brown, denser on the sides, with six small, round yellow dots on the back, in three lines by pairs; those of the anterior line near the carapace closest together; those of the intermediate line the most widely separated.

Length, 9 lines." (Walckenaer).

Lycosa philadelphia Walckenaer

Lycosa tarentuloides Philadelphia Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:289.

RECORD:

..... *Georgia.* (Walckenaer, 1837).

Lycosa pulchra (Keyserling)

Abbot, 1792, Spiders of Georgia, *61, 66, 71, 301.

Lycosa mordax Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:321 (in part).

Tarentula pulchra Keyserling, 1876, *Verh. zool.-bot. Ges. Wien*, 26:628; *1:13-14.

Lycosa pulchra, Gertsch and Wallace, 1935, *Amer. Mus. Nov.*, 794:21; *38, 41.

RECORDS:

81.32 ♀ s, ♂ *Georgia: "Burke County"; John Abbot.* (Walckenaer, 1837).

" ♂ 2 ♀ *Georgia: North of Sylvania; April 9 and 15, 1943; W. Ivie.*

Lycosa punctulata Hentz

Abbot, 1792, Spiders of Georgia, *56. MSS.

Dolomedes lineatus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:347 (in part).

Lycosa punctulata Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 4:390; *17:16-17.

Lycosa punctulata, Chamberlin, 1908, *Proc. Acad. Phila.*, 256; *18:2-3.

Lycosa punctulata, Bishop, 1924, *N. Y. State Mus. Bull.*, 252:11.

Lycosa punctulata, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41:208.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; November 14; J. Abbot. (Walckenaer, 1837).
 82.33 ♀ Georgia: Thomson to Washington; April 22, 1943; W. Ivie.
 82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).
 83.34 ♀ Georgia: Lavonia to Royston; April 30, 1943; W. Ivie.

Lycosa rabida Walckenaer

"Ground Spider", Abbot, 1792, Spiders of Georgia, *51. MSS.

Lycosa rabida Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 320.

Dolomedes lineatus Walckenaer, Ibid., 347. (*51 type).

Lycosa scutulata Hentz, 1844, J. Boston Soc. Nat. Hist., 4 : 390; *18 : 1-2.

Lycosa scutulata, Chamberlin, 1908, Proc. Acad. Phila., 253; *17 : 9, 18 : 1.

Lycosa rabida, Bishop, 1924, N. Y. State Mus. Bull., 252 : 11.

Lycosa rabida, Bishop and Crosby, 1926, Journ. E. Mitchell Soc., 41 : 208.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; October 10; John Abbot. (Walckenaer, 1837).
 " Im. Georgia: Marlow; April 5, 1943; W. Ivie.
 " Imm. Georgia: Millen; April 16, 1943; W. Ivie.
 82.34 ♂ imm. Georgia: N.E. Elberton; April 30, 1943; W. Ivie.
 82.33 4 imm. Georgia: Thomson to Washington; April 22, 1943; W. Ivie.
 82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; Crosby. (Bishop and Crosby, 1926).
 " ♀ Georgia: Chesser Island, Okefenokee Swamp; June 18, 1921; Wright. (Bishop and Crosby, 1926).
 Georgia! (Chamberlin, 1908).

This species is commonly found on the ground in grassy places.

Lycosa wallacei Chamberlin and Ivie, new species

Fig. 199.

RECORD:

- 81.32 ♂ ♂, 2 imm. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 Allotype and paratypes.

This species is close to *helluo* Walck., with which it has been confused, and to *annexa* n. sp. It differs from these two species mainly in color, although distinguishable differences are also found in the epigyna; the male palpi are essentially the same. In *wallacei*, the legs lack distinct annulations, being nearly uniform light or medium brown. The sternum, undersides of coxae, and venter of abdomen are uniform blackish. The dorsum of the abdomen is brownish gray, with a darker lanceolate mark over the heart, but lacks the contrasting pattern found in *annexa*.

Measurements:	♂ Allotype		♀ Holotype	
	Mm.	Ratio	Mm.	Ratio
Length	10.30	172	16.00	200

Carapace:

Length	6.00	100	8.00	100
Width	4.54	76	6.10	76

Tibia-patella:

I	6.10	102	7.30	91
IV	6.75	112	7.75	97

TYPE LOCALITY: W 82° 18' : N 29° 40', Florida: Gainesville; April 27, 1937; ♀ holotype, ♂ paratype; H. K. Wallace collector.

Lycosa watsoni Gertsch

Lycosa watsoni Gertsch, 1934, *Amer. Mus. Nov.*, 726 : 6; *7.

RECORD:

83.30 ♀ Georgia: Valdosta; July 20-21, 1916; F. E. Watson. (Gertsch, 1934). Holotype.

Genus **PARDOSA** C. Koch, 1848**Pardosa atlantica** Emerton

Pardosa atlantica Emerton, 1913, *Bull. Amer. Mus.*, 32 : 258; *48 : 7-7a.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 82.33 3 ♀ Georgia: Thomson to Washington; April 22, 1943; W. Ivie.
 83.34 ♂ Georgia: North of Clarkesville; April 27, 1943; W. Ivie.
 83.33 ♀ Georgia: North of Athens; June 16, 1935; W. Ivie.

(See notes under *P. saxatilis*).

Pardosa floridana Banks

Pardosa floridana Banks, 1904, *Proc. Acad. Phila.*, 136; *7 : 1, 8 : 15.

Pardosa floridana, Gertsch and Wallace, 1937, *Amer. Mus. Nov.*, 919 : 3 (in part).

RECORD:

80.32 3 ♂ 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.

Pardosa georgiae Chamberlin and Ivie, new species

Figs. 185, 186.

RECORDS:

- 80.32 2 ♂ 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie. Types.
 81.33 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 81.32 ♂ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 82.34 ♂ 4 ♀ South Carolina: Greenville; August 2, 1910; R. V. Chamberlin.
 82.33 ♀ Georgia: Bell to Washington; April 30, 1943; W. Ivie.
 83.34 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

Color: ♀. Carapace with a wide border of light yellowish along the sides and across the clypeus, the margin on the sides narrowly shaded; top of head black, the dark color extending back on each side to the base as a wide dusky band; a wide light yellowish band along the middle, which expands laterally back of the eye area and ends at the posterior eye row. Chelicerae and endites yellow. Labium dusky. Sternum yellow, marked with dusky, there being three distinct spots on each side margin, a pair of dusky streaks on the anterior half, and a median dusky streak on the posterior part. Coxae of the legs yellow; rest of legs and palpi light brownish yellow, ringed with dusky. Abdomen dark gray along each side of the dorsum, with a wide median band of yellowish white; venter yellowish white. Spinnerets yellow. Epigynum light brown.

♂. Carapace with a narrow dusky margin on each side; above this is a wide yellowish band, extending from the base forward onto the sides of the clypeus; middle of clypeus dusky; head black; upper sides dusky brown, with a yellowish median band on the posterior half, and a lighter transverse patch back of the posterior eyes. Chelicerae yellowish, reticulated with black in front at base; lower front and sides black; mesal sides light yellowish. Endites yellowish marked with dusky. Labium dark dusky. Sternum blackish, marked with yellowish on the margins behind, and with a narrow yellowish median streak in front. Palpi entirely black. Leg I with coxae, trochanter, and proximal half of femur on sides dark dusky; rest of leg pale yellow. Other legs light yellow, lightly marked with dusky. Abdomen dark gray on sides of dorsum, with a yellowish band over the heart, which extends less distinctly back to the spinnerets; venter yellowish white, with a dusky spot over the middle of the epigastric area. Spinnerets yellow. (Some males vary toward the female pattern of color).

Structure closely resembles *P. floridana* and related species, with minor differences in the palpus and epigynum. General structure a little more delicate than average.

<i>Measurements:</i>	♂ Allotype		♀ Holotype	
	Mm.	Ratio	Mm.	Ratio
Length	4.40	185	5.00	204
Carapace:				
Length	2.33	100	2.45	100
Width	1.60	68	1.80	73
Tibia-patella:				
I	2.00	82	2.20	90
IV	2.80	120	2.80	114

TYPE LOCALITY: W 80° 51' : N 32° 0', Georgia: Savannah Beach; May 4, 1943; ♀ holotype, ♂ allotype, ♂ 3 ♀ paratypes; W. Ivie collector.

Pardosa milvina (Hentz)

Abbot, 1892, Spiders of Georgia, *319.

Lycosa milvina Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 4 : 392; *18 : 8.

Pardosa nigropalpis Emerton, 1885, *Trans. Conn. Acad. Sci.*, 6 : 497; *49 : 1.

Pardosa milvina, Chamberlin, 1908, *Proc. Acad. Phila.*, 177; *13 : 3-4.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: Newington; April 6, 1943; W. Ivie.
 " ♂ s ♀ s Georgia: Vicinity Sylvania, etc.; April, 1943; W. Ivie.
 82.34 4 ♂ 4 ♀ South Carolina: Greenville; August 2, 1910; R. V. Chamberlin.
 82.33 2 ♂ 2 ♀ Georgia: East of Wrens; April 21, 1943; W. Ivie.
 83.34 4 ♂ 4 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 83.32 ♀ Georgia: Marshalville; June 24, 1910; R. V. Chamberlin.
 83.30 3 ♀ Georgia: Thomasville; April, 1940; H. Field.

Pardosa saxatilis (Hentz)

Lycosa saxatilis Hentz, 1844; *J. Boston Soc. Nat. Hist.*, 4 : 392; *18 : 9-10.

Pardosa saxatilis, Chamberlin, 1908, *Proc. Acad. Phila.*, 174.

RECORDS:

- 80.32 4 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 2 ♂ ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " 2 ♂ 3 ♀ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 82.30 ♂ Georgia: E. side Okfeenokee Swamp; August 23, 1933; W. Ivie.

We take this species to be *P. saxatilis* (Hentz) with some doubt, pending the study of specimens from northern Alabama, the type locality. It is distinguishable from *atlantica* by the white tarsus in the male palpus (black in *atlantica*), and by the more extensive whitish markings on the abdomen in both sexes, notably a pair of large irregular spots on the sides of the dorsum near the posterior end. This species is found on the ground, often some distance from water. It was taken in company with *atlantica* near Sylvania.

Genus PIRATA Sundevall, 1833

Pirata arenicola Emerton

Pirata aspirans, Chamberlin, 1908, *Proc. Acad. Phila.*, 303; *22 : 5. (♂, not ♀; not *P. aspirans* Chamberlin, 1904).

Pirata insularis Emerton, Chamberlin, *Ibid.*, 309; *22 : 4. (♀, not ♂).

Pirata arenicola Emerton, 1909, *Trans. Conn. Acad. Sci.*, 14 : 208; *6 : 9.

RECORD:

- 82.32 ♂ 4 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.

Pirata gertschi Chamberlin and Ivie, new species

Figs. 190, 191.

RECORD:

- 81.32 ♂ ♀ Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.

Types.

Color: Carapace dusky brown, with a median yellowish band, which expands on the head and contains the usual V-shaped dusky mark, and with a broken submarginal band of yellowish on each side of the thorax. Chelicerae dusky brown, with yellowish tips. Labium, endites, sternum, and coxae of legs yellowish, the sternum with narrow marginal spots of dusky. Leg dusky yellow, with light yellow rings—three on femur, of which the middle is most distinct, one at each joint, and one near middle of each tibia and metatarsus. Palpi dusky yellow. Abdomen dark gray above, with a light lanceolate mark over the heart and indistinct marks of the usual pattern behind; sides and venter mottled gray. Spinnerets yellow.

Structure essentially typical. Anterior eye row faintly procurved; a. m. eyes slightly the larger, about a radius from the side eyes, a little farther from each other. Middle eyes less than a diameter apart, a full diameter from the hind eyes; hind eyes about four diameters apart. Hind margin of fang groove with three teeth. Tibia I and II with two pairs of ventral spines, no apical spines; metatarsi I and II with three pairs of ventral spines. Legs 4 1 2 3 in order of length. Palpus and epigynum shown in the figures.

<i>Measurements:</i>	♂ Allotype		♀ Holotype	
	Mm.	Ratio	Mm.	Ratio
Length	3.90	181	4.50	214
<i>Carapace:</i>				
Length	2.15	100	2.10	100
Width	1.60	74	1.60	76
<i>Tibia-patella:</i>				
I	1.85	86	2.00	95
IV	2.45	114	2.55	121

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; April 4, 1943; ♀ holotype, ♂ allotype; W. Ivie collector.

Pirata insularis Emerton

Pirata insularis Emerton, 1885, *Trans. Conn. Acad. Sci.*, 6 : 492; *48 : 8.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.33 ♂ Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 83.34 ♂ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

This species is common in grass and trash at the edge of water.

Pirata nanatus Gertsch

Pirata nanatus Gertsch, 1940, *Florida Ent.*, 23 : 19; *7-8.

RECORDS:

- 82.30 2 ♀ Florida: Columbia County; April 27, 1935; H. K. Wallace. (Gertsch, 1940).

- " 4 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 " ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933;
 W. Ivie.
 83.31 ♂ 10 ♀ Georgia: Turner County; May 6, 1937; H. K. Wallace.
 (Gertsch, 1940). Types.

Pirata piraticus (Olivier)

- Piraneus piraticus* Clerck, 1757, Svenska Spindlar, 102; *5 : 4.
Aranea piratica Olivier, 1789, Encycl. Method., 4 : 218.
Lycosa febriculosa Becker, 1881, C. R. Soc. Ent. Belg., xlv; *2 : 2.
Pirata febriculosa, Chamberlin, 1908, Proc. Acad. Phila., 311; *22 : 1-2.
Pirata piratica, Gertsch and Wallace, 1937, Amer. Mus. Nov., 919:5.

RECORDS:

- 83.34 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 83.32 ♀ Georgia: Marshalville; June 24, 1910; R. V. Chamberlin.

Pirata suwaneus Gertsch

Pirata suwaneus Gertsch, 1940, Florida Ent., 23 : 20; *1-2.

RECORDS:

- 81.32 ♂, ♀, Imm. Georgia: Briar Cr., 7 mi. No. Sylvania; April 12,
 1943; W. Ivie.
 82.31 2 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W.
 Ivie.

Pirata sylvanus Chamberlin and Ivie, new species

Figs. 192, 193.

RECORDS:

- 80.32 Imm. Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 4 ♂ 4 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 Types.
 82.34 ♀ South Carolina: Greenville; August 2, 1910; R. V. Cham-
 berlin.
 82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 84.33 2 ♀ Georgia: Atlanta; July 30, 1910; R. V. Chamberlin.

Color: Carapace dusky brown, with a wide submarginal band of yellowish on the sides, but which does not extend all the way to the base, and with a yellow median band, containing the usual V-shaped dusky mark. Chelicerae yellowish orange. Endites orange, with distal half lighter. Labium shaded with dusky. Sternum light yellowish, with three or four marginal spots of blackish on each side. Legs and palpi light brownish yellow, faintly marked with gray. Abdomen dark grayish on dorsum, with a pale lanceolate mark over the heart, which sometimes extends posteriorly as a broken median band; sides light above, mixed with dark gray lower down; venter pale, with an irregular median stripe of dusky. Spinnerets yellowish orange.

Structure essentially typical. Anterior eye row straight; a. m. eyes decidedly larger than the laterals, about a radius apart, closer to the side

eyes. Middle eyes less than a diameter apart, a diameter from the hind eyes; hind eyes about four diameters apart. Each margin of fang groove with three teeth. Tibia I and II of male with three pairs of spines below, the distal pair small. Tibia I of female with two pairs of spines below, the distal pair lacking; tibia II with the two prolateral spines much reduced or absent, the distal spines also lacking. Metatarsi I and II of both sexes with three pairs of spines below. Palpus and epigynum as illustrated.

Measurements:		♂		♀	
	Mm.	Ratio	Mm.	Ratio	
Length	4.00	178	4.80	200	
Carapace:					
Length	2.25	100	2.40	100	
Width	1.62	72	1.80	75	
Tibia-patella:					
I	2.10	93	2.40	100	
IV	2.50	111	3.00	125	

TYPE LOCALITY: W 81° 35' : N 32° 43', Georgia: 2 miles east of Sylvania; April 17, 1943; ♂ holotype, ♀ allotype, 3 ♂ 3 ♀ paratypes; W. Ivie collector. Found in wet grass at the edge of a small pond.

Genus SCHIZOCOSA Chamberlin, 1908

Schizocosa avida (Walckenaer)

Lycosa avida Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 322 (in part).

Lycosa erratica Hentz, 1844, J. Boston Soc. Nat. Hist., 4 : 388; *17 : 8.

Lycosa erratica, Chamberlin, 1908, Proc. Acad. Phila., 251; *17 : 3-4.

Schizocosa avida, Gertsch and Wallace, 1937, Amer Mus. Nov., 919 : 19.

RECORDS:

81.32	♂	, Imm.	Georgia: West of Sylvania; April 11, 1943; W. Ivie.
"	♀		Georgia: North of Sylvania; April 15, 1943; W. Ivie.
82.33	♀		Georgia: Thomson to Washington; April 22, 1943; W. Ivie.
82.30	2 ♀		Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).
"	♂ ♀		Georgia: Okefenokee Swamp; June, 1912.
83.34	♂		Georgia: Lula; April 23, 1943; W. Ivie.
83.33	♀		Georgia: East of Lexington; April 22, 1943; W. Ivie.
.....	.....		Georgia! (Chamberlin, 1908).

Schizocosa bilineata (Emerton)

Pardosa bilineata Emerton, 1885, Trans. Conn. Acad. Sci., 6 : 496; *49 : 4.

Schizocosa bilineata, Chamberlin, 1908, Proc. Acad. Phila., 218; *16 : 3.

RECORDS:

83.34	2 ♂ 2 ♀		Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
83.32	♀		Georgia: North of Macon; June 16, 1935; W. Ivie.

Schizocosa crassipes (Walckenaer)

Figs. 59, 187, 188.

Abbot, 1792, Spiders of Georgia, *311. MSS.

Lycosa crassipes Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 323.

RECORDS:

- 81.32 ♂ Georgia: "Briar Creek Swamp"; May 17; John Abbot.
(Walckenaer, 1837).
" ♂ ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
82.32 ♂ 3 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.

This small species is in closer agreement with Abbot's figure than any of the other species in the region. The figure is distinctly different from *ocreata*, which is common in the same localities.

Color: ♂. Carapace dusky brown, with a wide median light band, which is as wide as the eye area just back of the posterior eyes, slightly constricted near the middle, thence continuing narrow to the base; also with a submarginal light band which contains several 'eye-spots' of dusky. Chelicerae light brownish, shaded with dusky on front. Endites yellowish brown. Sternum and labium dusky brown, with or without a pale median streak on anterior part of sternum. Legs and palpi light brownish yellow, marked with dusky, which tends to form broken and jagged annuli (tibia of leg I on male entirely dusky). Abdomen brownish gray, with the sides darker, and with the top of the dorsum lighter, consisting of a light longitudinal patch along each side of the heart and a series of indistinct chevron-like cross bars behind (the dorsum of the male has a broad median strip covered with white hairs, which gives it the appearance of a broad whitish median band); venter pale brownish gray, specked with darker. Spinnerets dusky yellow. Epigynum light brown.

Structure similar to that of the well-known *ocreata*, except that the size is smaller and the general structure less robust. There are differences in the palpus and epigynum. Tibia I of the male has a moderately dense brush of black hairs equally distributed on all sides for the full length, but the brush does not extend onto the metatarsus. The tibia of the male palpus is swollen until it is larger in diameter than the tarsus.

<i>Measurements:</i>	♂ Neotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	6.10	185	7.00	187
<i>Carapace:</i>				
Length	3.30	100	3.75	100
Width	2.50	76	2.80	75
<i>Tibia-patella:</i>				
I	3.60	109	3.60	96
IV	4.00	121	4.20	112

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 miles southeast of Savannah; May 3, 1943; ♂ neotype, ♀ allotype; W. Ivie collector.

Schizocosa duplex Chamberlin

Schizocosa duplex Chamberlin, 1925, *Bull. M. C. Z. Harvard*, 67 : 231.

Schizocosa duplex, Gertsch and Wallace, 1937, *Amer. Mus. Nov.*, 919 : 17; *18.

RECORDS:

- 81.32 ♀ Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 " ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943;
 W. Ivie.
 83.34 ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.
 " ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J.
 Kaston.
 84.30 2 ♂ 2 ♀ Florida: Liberty County; April 10, 1935; H. K. Wallace.
 (Gertsch and Wallace, 1937).

Schizocosa episima (Chamberlin)

Lycosa episima Chamberlin, 1924, *Proc. U. S. Nat. Mus.*, 63(13):30; *6:46.

Schizocosa episima, Gertsch and Wallace, 1937, *Amer. Mus. Nov.*, 919 : 18; *17.

RECORDS:

- 81.33 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 82.30 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.

Schizocosa floridana Bryant

Schizocosa floridana Bryant, 1934, *Psyche*, 41 : 40; *4.

Schizocosa floridana, Gertsch and Wallace, 1937, *Amer. Mus. Nov.*, 919 : 15.

RECORDS:

- 81.32 3 ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 " 2 ♂ ♀ Same; May 3, 1943; W. Ivie.

Schizocosa ocreata (Hentz)

Lycosa ocreata Hentz, 1842, *J. Boston Soc. Nat. Hist.*, 4 : 391; *18 : 5.

Lycosa rufa Keyserling, 1876, *Verh. zool.-bot. Ges. Wien*, 26 : 613; *1 : 2.

Lycosa stonei Montgomery, 1902, *Proc. Acad. Phila.*, 546; *29 : 9-10.

Schizocosa ocreata, Chamberlin, 1908, *Ibid.*, 212; *16 : 1, 5.

RECORDS:

- 81.32 4 ♂ 2 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 " 2 ♂ 2 ♀ Georgia: North of Sylvania; April 10 and 15, 1943; W.
 Ivie.
 82.33 4 ♂ 4 ♀ Georgia: 10 mi. No. Waynesboro; April 20, 1943; W.
 Ivie.
 83.34 8 ♂ 8 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J.
 Kaston.
 83.33 4 ♂ Georgia: East of Lexington; April 22, 1943; W. Ivie.
 83.32 ♀ Georgia: Marshalville; June 24, 1910; R. V. Chamberlin.
 84.33 ♀ Georgia: Atlanta; July 30, 1910; R. V. Chamberlin.

Schizocosa retrorsa (Banks)

Pardosa retrorsa Banks, 1911, *Proc. Acad. Phila.*, 453; *34 : 3, 6.

Schizocosa retrorsa, Gertsch and Wallace, 1937, *Amer. Mus. Nov.*, 919 : 20; *12.

RECORD:

----- Georgia. (Gertsch and Wallace, 1937).

Schizocosa saltatrix (Hentz)

Abbot, 1792, *Spiders of Georgia*, *306. MSS.

Lycosa saltatrix Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 4 : 387; *17 : 7.

Schizocosa saltatrix, Chamberlin, 1908, *Proc. Acad. Phila.*, 215; *16 : 2, 4.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; John Abbot.
 " 24 ♂ 24 ♀ Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 83.34 2 ♀ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.
 ----- Georgia! (Chamberlin, 1908).

Genus **SOSIPPUS** Simon, 1888**Sosippus floridanus** Simon

Sosippus floridanus Simon, 1898, *Ann. Soc. Ent. Belg.*, 42 : 25.

Sosippus floridanus, Chamberlin, 1908, *Proc. Acad. Phila.*, 293; *23 : 1-2.

RECORDS:

- 81.32 2 imm. Georgia: N.W. Savannah; April 5, 1943; W. Ivie.
 " 2 imm. Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 83.34 Im. Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

Genus **TRABEA** Simon, 1876**Trabea aurantiaca** (Emerton)

Aulonia aurantiaca Emerton, 1885, *Trans. Conn. Acad. Sci.*, 6 : 499; *49 : 6.

Trabea aurantiaca, Chamberlin, 1908, *Proc. Acad. Phila.*, 296; *11 : 7-9, 12 : 2-4.

RECORDS:

- 81.32 ♂ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.
 " ♂ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 " 2 ♂ Georgia: North of Sylvania; April 7 and 10, 1943; W. Ivie.
 83.34 ♂ Georgia: Clarkesville; April 27, 1943; W. Ivie.

Genus **TROCHOSA** C. Koch, 1848**Trochosa avara** Keyserling

Trochosa avara Keyserling, 1876, *Verh. zool.-bot. Ges. Wien*, 26 : 661; *2 : 38-39.

Lycosa avara, Chamberlin, 1908, *Proc. Acad. Phila.*, 279; *20 : 1-3.

RECORDS:

- 81.32 4 ♀ Georgia: North of Sylvania; April 9 and 15, 1943; W. Ivie.
 " ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 83.34 ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.
 84.32 ♀ Georgia: Fort Benning; November 20, 1943; D. E. Beck.

CTENIDAE

Genus ANAHITA Karsch, 1880

Anahita animosa (Walckenaer)

Abbot, 1792, Spiders of Georgia, *81 (type). MSS.

Lycosa animosa Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 331 (in part).*Ctenus punctulatus* Hentz, 1844, J. Boston Soc. Nat. Hist., 4 : 393; *19 : 5, 6.*Anahita punctulata*, Simon, 1897, Hist. Nat. Araignees, 2 : 123.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; June 9; J. Abbot. (Walckenaer, 1837).
- " Im. Georgia: 5 mi. No. Savannah; April 4, 1943; W. Ivie.
- 82.33 4 imm. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
- 83.34 4 imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

Although Abbot showed the eyes arranged like those of *Lycosa*, the color markings place the species here. Figure 288 of Abbot, included in *Lycosa animosa* by Walckenaer, is *Clubiona pallens* Hentz.

Genus ZORA C. Koch, 1848

Zora pumila (Hentz)*Katadysas pumilus* Hentz, 1850, J. Boston Soc. Nat. Hist., 6 : 287; *10 : 16.*Zora pumila*, Comstock, 1912, Spider Book, 573; *651.

RECORD:

- 82.33 Im. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.

SPARASSIDAE

Genus HETEROPODA Latreille, 1804

Heteropoda venatoria (Linnaeus)*Aranea venatoria* Linnaeus, 1767, Systema Naturae, (12) : 1035.*Heteropoda venatoria*, McCook, 1890, American Spiders, 2 : 109; *189, 190, 279.*Heteropoda venatoria*, Banks, 1904, Proc. Acad. Phila., 134.

RECORD:

- 81.30 Florida: Jacksonville. (Banks, 1904).

THOMISIDAE

Genus CORIARACHNE Keyserling, 1880

Coriarachne lenta (Walckenaer)

Abbot, 1792, Spiders of Georgia, *200. MSS.

Thomisus lentus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 509.*Coriarachne versicolor* Keyserling, 1880, Spin. Amer., Laterigr., 53; *1 : 27.*Coriarachne versicolor*, Gertsch, 1939, Bull. Amer. Mus., 76 : 405; *254, 255, 269.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; John Abbot. (Walckenaer, 1837).
 " ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie. Neotype.
 83.30 ♀ Georgia: Thomasville; April, 1940; H. Field.
 84.33 Im. Georgia: Fort Benning; November 20, 1943; D. E. Beck.
 84.31 ♀ Georgia: Dewitt; March, 1913. (Gertsch, 1939).
 ----- Georgia. (Keyserling, 1880).

Genus EBO Keyserling, 1884

Ebo oblongus Simon

Ebo oblongus Simon, 1895, *Ann. Soc. Ent. Belg.*, 39 : 442.

Ebo oblongus, Bryant, 1933, *Bull. M. C. Z. Harvard*, 74 : 188; *3 : 23.

RECORD:

----- Georgia. (Simon, 1895). Type locality.

"Generic affiliation . . . doubtful." (Gertsch, 1933).

Genus MISUMENA Latreille, 1804

Misumena calycina (Linnaeus)

Araneus vaticus Clerck, 1757, *Svenska Spindlar*, 28; *6 : 5.

Aranea calycina Linnaeus, 1758, *Systema Naturae*, (10) : 620.

Abbot, 1792, *Spiders of Georgia*, *104, 105, 267, 268, 269, 422. MSS.

Thomisus citreus Georgiensis Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 528. (*104, 105).

Thomisus phrygiatus Walckenaer, *Ibid.*, 533. (*267, 268, 269, 422).

Misumena calycina, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 314; *3, 4 97.

RECORDS:

- 81.32 ♀ s Georgia: "Burke County"; John Abbot. (Walckenaer, 1837).
 82.30 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 83.33 ♀ Georgia: North of Athens; June 16, 1935; W. Ivie.
 83.30 ♀, Im. Georgia: So. Lake Park; June 15, 1935; W. Ivie.
 84.30 ♂ Florida: Tallahassee; August, 1903; Morse. (Gertsch, 1939).

"This species frequents trees and blossoms, concealing themselves under the blossoms to seize on the different insects that frequent them." (Abbot).

Genus MISUMENOIDES F. Cambridge

Misumenoides formosipes (Walckenaer)

Figs. 26, 27.

Abbot, 1792, *Spiders of Georgia*, *416, 418 (type), 421, 426, 427, 428, 429, 430, 550? MSS.

Thomisus formosipes Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 504. (*418).

Thomisus flavescens Walckenaer, *Ibid.*, 519. (*427, 428 (type), 430).

Thomisus pardus Walckenaer, *Ibid.*, 529. (*416).

- Thomisus pictus* Walckenaer, *Ibid.*, 530. (*426 (type), 429).
Thomisus aleatorius Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 444; *23 : 2.
Runcinia brendelii Keyserling, 1880, *Spin. Amer.*, Laterigr., 127; *2 : 70.
Runcinia aleatoria, Banks, 1904, *Proc. Acad. Phila.*, 132.
Misumenoides aleatorius, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 309; *5 95.

RECORDS:

- 80.34 Im. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 ♂ South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 ♀ s Georgia: "Burke County"; John Abbot. (Walckenaer, 1837).
 81.30 Florida: Jacksonville; April. (Banks, 1904).
 82.33 ♂ Georgia: Wrens; August 22, 1933; W. Ivie.
 82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.
 82.30 5 imm. Florida: Jasper; June 15, 1935; W. Ivie.
 " Imm. Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby. (Gertsch, 1939).
 83.33 3 imm. Georgia: North of Athens; June 16, 1935; W. Ivie.
 83.32 Imm. Georgia: Macon; June, 1930. (Gertsch, 1939).
 " Im. Georgia: North of Macon; June 16, 1935; W. Ivie.
 83.30 ♀ Florida: Monticello. (Gertsch, 1939).
 84.33 2 ♂ Georgia: Austell; Banks. (Gertsch, 1939).
 ----- Georgia. (Keyserling, 1880).

Genus MISUMENOPS F. Cambridge, 1900

Misumenops asperatus (Hentz)

- Thomisus asperatus* Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 447; *23 : 7.
Misumena rosea Keyserling, 1880, *Spin. Amer.*, Laterigr., 82; *2 : 43.
Misumenops asperatus, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 328; *34 73.

RECORDS:

- 83.34 ♀ Georgia: Clayton; May 18. (Gertsch, 1939).
 ----- Georgia. (Keyserling, 1880).

Misumenops cruentatus (Walckenaer)

Fig. 50.

- Abbot, 1792, *Spiders of Georgia*, *534.
Thomisus cruentatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 534.

RECORD:

- 81.32 ♂ Georgia: "Burke County"; April 20; J. Abbot. (Walckenaer, 1837).

"Taken 20th April, on hickory in the oak woods of Burke County. The only one I have seen." (Abbot).

"Male. — Abdomen saffron yellow, with two blood red longitudinal marks toward the carapace, and eight other (four on each side) transverse marks placed on the sides behind the two others. Legs with femora green,

the tibiae and tarsi yellow annulate with red. Palpi with finger short, oval, little swollen, orange.

Length, 4 lines." (Walckenaer).

Misumenops delphinus (Walckenaer)

- Abbot, 1792, Spiders of Georgia, *383 (type), 423, 433.
Thomisus delphinus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 519.
Thomisus fuscatus Walckenaer, Ibid., 553. (*433 type).
Thomisus celer Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 446; *23 : 5.
Misumena spinosa Keyserling, 1880, Spin. Amer., Laterigr., 81; *2 : 42.
Misumena georgiana Keyserling, Ibid., 86; *2 : 45.
Misumenops celer, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 322; *30 68.

RECORDS:

- 80.34 4 ♂ South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 Im. South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 ♂ ♀ Georgia: "Burke County"; John Abbot. (Walckenaer, 1837).
 " ♂ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 " ♂ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.33 ♂ Georgia: Wrens; August 22, 1933; W. Ivie.
 82.30 3 ♂ ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby. (Gertsch, 1939).
 " ♂ Florida: Jasper; June 15, 1935; W. Ivie.
 83.34 Imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 84.33 ♂ s ♀ s Georgia: Atlanta; May, 1899; J. H. Emerton. (Gertsch, 1939).
 ? ♂ Georgia: Fairfax. (Gertsch, 1939).
 ----- South Carolina. (Hentz, 1847).
 ----- Georgia. (Keyserling, 1880).

Misumenops desidiosus (Walckenaer)

Fig. 47.

- Abbot, 1792, Spiders of Georgia, *198. MSS.
Thomisus desidiosus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 501.

RECORD:

- 81.32 Im. ? Georgia: "Burke County"; July 19; J. Abbot. (Walckenaer, 1837).

"Female. — Carapace apple green with a reddish brown semicircle of which the convexity is toward the eyes. Abdomen globular, wider than long, widened at middle and not posteriorly as in *T. citreus*. Color an apple green but with large triangular streaks of a reddish brown color. These are seven in number: four on the posterior part which diminish toward anus, with the lateral ones much narrower; three on the anterior part of which the middle one is a triangle on a square united with the lateral marks by a very fine line. The red lines or figures of the anterior and posterior regions.

Legs green; the anterior ones with tibiae annulate in red. The two posterior pairs uniform green, and very short.

Length, 4 lines." (Walckenaer).

Misumenops iners (Walckenaer)

Fig. 49.

Abbot, 1792, Spiders of Georgia, *196.

Thomisus iners Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 530.

RECORD:

81.32 ♀ Georgia: "Burke County"; April 22; J. Abbot. (Walckenaer, 1837).

"Female. — Carapace elongate, oval, citron yellow, with a reddish fawn colored mark in the form of a horse-shoe of which the convexity is toward the eyes. Legs pale citron yellow tinged with fawn colored spots. Palps of the same color. Abdomen much enlarged in the posterior part, very pale wine colored, brightened with pale citron yellow lines toward the carapace; the wine color forms an obscure triangle on the middle of dorsum on the posterior part of which are two denser dots from which proceed two fine parallel lines which nearer the anus are crossed by two short, parallel curved lines. There are on the sides other very fine transverse lines.

Length, 5½ lines." (Walckenaer).

Misumenops oblongus (Keyserling)

Misumena oblonga Keyserling, 1880, Spin. Amer., Laterigr., 79; *2 : 41.

Misumenops oblongus, Gertsch, 1939, Bull. Amer. Mus., 76 : 319; *44, 45, 62, 63.

RECORDS:

83.34 ♀ s Georgia: Thompson's Mills; Banks. (Gertsch, 1939).

" Im. Georgia: Clarkesville; April 27, 1943; W. Ivie.

83.33 2 imm. Georgia: East of Lexington; April 22, 1943; W. Ivie.

84.33 ♂ s ♀ s Georgia: Atlanta; May, 1899; J. H. Emerton. (Gertsch, 1939).

Genus OZYPTILA Simon, 1864

Ozyptila conspurcata Thorell

Ozyptila conspurcata Thorell, 1877, Bull. U. S. Geol. Surv., 3 : 496.

Ozyptila georgiana Keyserling, 1880, Spin. Amer., Laterigr., 52; *1 : 26.

Ozyptila conspurcata, Gertsch, 1939, Bull. Amer. Mus., 76 : 343; *116, 117, 135.

RECORDS:

81.32 Im. Georgia: Millen; April 16, 1943; W. Ivie.

..... Georgia. (Keyserling, 1880).

Ozyptila infumata (Walckenaer)

Abbot, 1792, Spiders of Georgia, *147.

Thomisus infumatus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 508.

Ozyptila floridana Banks, 1895, *Psyche*, 7 : 243.

Ozyptila floridana, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 341; *106, 107, 129.

RECORDS:

81.32 ♀ Georgia: "Burke County"; December 7; J. Abbot. (Walckenaer, 1837).

" 2 ♀ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.

82.30 ♀ Florida: White Springs; June 15, 1935; W. Ivie.

Ozyptila modesta (Scheffer)

Xysticus modestus Scheffer, 1904, *Industrialist*, 30 : 3.

Ozyptila modesta, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 340; *104, 105, 127, 128.

RECORD:

83.34 ♀ Georgia: Tallulah Falls. (Gertsch, 1939).

Ozyptila monroensis Keyserling

Ozyptila monroensis Keyserling, 1883, *Verh. zool.-bot. Ges. Wien*; 33 : 671; *21 : 19.

Ozyptila monroensis, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 346; *110, 111, 131.

RECORDS:

81.32 ♂ Georgia: Savannah; Marx. (Gertsch, 1939).

83.34 2 imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

" Imm. Georgia: Clarkesville; April 27, 1943; W. Ivie.

Ozyptila okefinokensis Gertsch

Ozyptila okefinokensis Gertsch, 1934, *Amer. Mus. Nov.*, 707 : 13.

Ozyptila okefinokensis, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 342; *130, 138.

RECORD:

82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Gertsch, 1934). Holotype.

Genus **PHILODROMUS** Walckenaer, 1825**Philodromus abboti** Walckenaer

Fig. 52.

Abbot, 1792, Spiders of Georgia, *225, 400. MSS.

Philodromus abboti Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 552.

Philodromus marxi Keyserling, 1889, *Verh. zool.-bot. Ges. Wien*, 33 : 677; *21 : 25.

Philodromus ornatus Banks, 1892, *Proc. Acad. Phila.*, 61; *3 : 24.

Philodromus marxi, Gertsch, 1934, *Amer. Mus. Nov.*, 707 : 20.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; April 30; John Abbot. (Walkenaer, 1837).
 " 3 imm. Georgia: Vicinity Savannah; April, 1943; W. Ivie.
 83.34 2 imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

Philodromus barrowsi Gertsch

Philodromus barrowsi Gertsch, 1934, *Amer. Mus. Nov.*, 707 : 17; *16.

RECORD:

- 82.32 ♂ ♀s Georgia: Macon. (Gertsch, 1934). Types.
 84.30 ♀ Florida: Spring Creek.

Philodromus exilis Banks

Philodromus exilis Banks, 1892, *Proc. Acad. Phila.*, 63; *2 : 40.

Philodromus bidentatus Emerton, 1892, *Trans. Conn. Acad. Sci.*, 8 : 375; *31 : 5-5b.

Philodromus exilis, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 418.

RECORDS:

- 81.32 ♂ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 83.33 Im. Georgia: East of Lexington; April 22, 1943; W. Ivie.

Philodromus imbecillus Keyserling

Philodromus imbecillus Keyserling, 1880, *Spin. Amer., Laterigr.*, 224; *5 : 123.

Philodromus lineatus Emerton, 1892, *Trans. Conn. Acad. Sci.*, 8 : 374; *31 : 4.

Philodromus imbecillus, Gertsch, 1934, *Amer. Mus. Nov.*, 707 : 20.

RECORD:

- ♀ Georgia. (Keyserling, 1880). Holotype.

Philodromus laticeps Keyserling

Philodromus laticeps Keyserling, 1880, *Spin. Amer., Laterigr.*, 215; *5 : 118.

RECORD:

- ♀ Georgia. (Keyserling, 1880). Holotype.

Philodromus lutulentus Gertsch

Philodromus lutulentus Gertsch, 1934, *Amer. Mus. Nov.*, 707 : 24.

RECORD:

- 84.33 ♂ Georgia: Atlanta; May, 1899; J. H. Emerton. (Gertsch, 1934). Holotype.

Philodromus mediocris Gertsch

Philodromus mediocris Gertsch, 1934, *Amer. Mus. Nov.*, 707 : 20; *19.

RECORDS:

- 81.32 Im. Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 82.30 ♂ Florida: Lake City; February 27, 1927; W. M. Barrows. (Gertsch, 1934). Holotype.
 83.34 ♂ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Philodromus robustus Emerton

Abbot, 1792, Spiders of Georgia, *155. MSS.

Philodromus robustus Emerton, 1892, *Trans. Conn. Acad. Sci.*, 8 : 376; *32 : 1.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; December 11; John Abbot.
 " ♂ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 83.34 ♂ Georgia: Toccoa; April 29, 1943; W. Ivie.

Philodromus rufus Walckenaer

Abbot, 1792, Spiders of Georgia, *467. MSS.

Philodromus rufus Walckenaer, 1825, *Faune Francaise*.

Philodromus pictus Emerton, 1892, *Trans. Conn. Acad. Sci.*, 8 : 373; *31 : 2.

Philodromus rufus, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 421.

RECORD:

- 81.32 ♀ Georgia: "Briar Creek Swamp"; April 18; John Abbot.

Genus SYNEMA Simon, 1864

Synema varians (Walckenaer)

Abbot, 1792, Spiders of Georgia, *197, 417 (type), 419.

Thomisus varians Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 504.

Thomisus parvulus Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 447; *23 : 8.

Synaema nigromaculatum Keyserling, 1880, *Spin. Amer.*, Laterigr., 61; *1 : 31.

Synema parvulum, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 334; *80, 81, 88.

RECORDS:

- 80.34 ♂ South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.32 ♀ s Georgia: "Burke County"; May 12, etc.; John Abbot.
 (Walckenaer, 1837).
 " Im. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 81.30 2 ♀ Florida: Jacksonville; October 23, 1926. (Gertsch,
 1939).
 82.33 Im. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W.
 Ivie.
 83.34 ♂ ♀ s Georgia: Thompson's Mills; Banks. (Gertsch, 1939).
 " ♂, Imm. Georgia: Clarkesville; April 27, 1943; W. Ivie.
 " 3 ♂, Imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J.
 Kaston.
 84.33 ♂ s ♀ s Georgia: Atlanta; May, 1899; J. H. Emerton. (Gertsch
 1939).
 " ♂ s ♀ s Georgia: Decatur; May, 1934; Auten. (Gertsch, 1939).
 84.30 ♂ Florida: Tallahassee; April 13, 1927. (Gertsch, 1939).
 ----- Georgia. (Keyserling, 1880).

This species is most commonly collected by sweeping green plants.

Genus **THANATUS** C. Koch, 1837**Thanatus lycosoides** Emerton

Thanatus lycosoides Emerton, 1892, *Trans. Conn. Acad. Sci.*, 8 : 379; *32 : 6.

RECORDS:

- 81.33 Im. South Carolina: Aiken; August 22, 1933; W. Ivie.
 82.33 Im. Georgia: Thomson to Washington; April 22, 1943; W. Ivie.
 " Im. Georgia: Wrens; August 22, 1933; W. Ivie.
 84.32 Im. Georgia: Fort Benning; November 2, 1943; D. E. Beck.

Thanatus rubicundus Keyserling

Thanatus rubicundus Keyserling, 1880, *Spin. Amer., Laterigr.*, 204; *5 : 112.

RECORD:

..... *Georgia*. (Keyserling, 1880).

Genus **THOMISUS** Walckenaer, 1805**Thomisus bicolor** Walckenaer

Fig. 24.

Abbot, 1792, *Spiders of Georgia*, *270. MSS.

Thomisus bicolor Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 583.

RECORD:

- 81.32 ♀ *Georgia*: "Briar Creek Swamp"; on sweet-gum; September 21;
 John Abbot. (Walckenaer, 1837).

"Legs, palps and carapace green. Abdomen of a yellowish fawn color, uniform, with small, fine transverse streaks more dense but inconspicuous."
 (Walckenaer).

Thomisus conspergatus Walckenaer

Abbot, 1792, *Spiders of Georgia*, *102. MSS.

Thomisus conspergatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 524.

RECORD:

- 81.32 ♀ *Georgia*: "Burke County"; May 11; J. Abbot. (Walckenaer, 1837).

"Female. — Carapace grayish fawn colored, with two black lines and two black dots. Abdomen globular, much enlarged in its posterior part; two fine, bifurcate lines; three black dots in a triangle, and some fine, short, transverse stripes. Venter white. Legs pale fawn-colored, with black spots.

Length 3 lines; width of abdomen across posterior end, $3\frac{1}{4}$ lines."
 (Walckenaer).

Thomisus oscitans Walckenaer

Fig. 51.

Abbot, 1792, Spiders of Georgia, *222. MSS.

Thomisus oscitans Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 510.

RECORD:

81.32 ♀ *Georgia*: "*Burke County*"; *April 29*; *J. Abbot*. (Walckenaer, 1837).

"Carapace oval, pale fawn colored. Abdomen oval, pyriform, much crassate at middle, pointed toward anus, of a pale fawn color, with an oval band, which is paler or yellow, over the middle on which is found an elongate line of a deeper fawn color toward the carapace. Four oval spots of a paler yellow color on the sides; three very distinct black dots on the posterior part, one at the anus and the two others each side of it. Legs pale fawn colored.

Length $4\frac{1}{2}$ lines." (Walckenaer).**Thomisus purpuratus** Walckenaer

Abbot, 1792, Spiders of Georgia, *103. MSS.

Thomisus purpuratus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 508.

RECORD:

81.32 *Georgia*: *Ogeechee Swamp*; *April 19*; *J. Abbot*. (Walckenaer, 1837).

"A pretty species from its bright colors. Taken only once in a grove of iron-wood." (Abbot).

"Carapace yellow, with four black marks at the four corners. Abdomen globular, broader at middle than at its posterior part. A portion of the anterior is of deep reddish purple, the posterior part of a beautiful yellow. There are two red lines on the sides which converge toward the anus and which have a mark or tooth on the inner side of the same color. Legs yellow with black dots. Palps the same.

Length, 3 lines." (Walckenaer).

Thomisus stigmatisatus Walckenaer

Fig. 45.

Abbot, 1792, Spiders of Georgia, *435. MSS.

Thomisus stigmatisatus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 534.

RECORD:

81.32 ♂ *Georgia*: "*Burke County*"; *September 22*; *J. Abbot*. (Walckenaer, 1837). Type.

"Body pale red, entirely covered with small black or carmine red dots. Carapace narrowed at anterior part; margined by a fine black line; venter pale red, with on its posterior part three parallel series of very fine dots.

Legs pale red, sprinkled with small black or gray dots, with the tarsi hairy. Abdomen above of a deeper red than the carapace, with seven transverse parallel lines of small dots. Outer dots red, while the smaller ones of the interior of the oval are gray. There is a total of 27 dots on the back. A larger interval between the fourth and fifth series of dots than between the others. Venter pale red. Palpi also pale red; hand much swollen, with convex surface of cymbium sprinkled with small black points.

Length, 5 lines." (Walckenaer).

Thomisus turgidus Walckenaer

Fig. 41.

Abbot, 1792, Spiders of Georgia, *224. MSS.

Thomisus turgidus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 502.

RECORD:

81.32 ♀ *Georgia*: "Briar Creek Swamp; May 16; John Abbot. (Walckenaer, 1837). Type.

"Female. — Carapace long, apple green. Abdomen globular, swollen out on the sides, that is wider than high, bordered with a fine apple green line on the sides, with the middle pale dusty yellow. Sides bordered with a clearer yellow forming a circle in the middle, but this circle with a small excision on the anterior part toward the carapace and in its middle a figure of clearer yellow formed by three lines in a square; then in the posterior part an equilateral triangle, of a paler yellow, of which the apex is toward the carapace, and at the two ends of the base of this triangle two very small carmine red points. Legs apple green, the terminal articles yellow.

Length, 4 lines." (Walckenaer).

Genus **TIBELLUS** Simon, 1875

Tibellus duttoni (Hentz)

Abbot, 1792, Spiders of Georgia, *343. MSS.

Thomisus duttoni Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 448; *23 : 10.

Tibellus duttoni, Keyserling, 1880, *Spin. Amer.*, Laterigr., 194; *4 : 107.

Tibellus duttoni, Gertsch, 1933, *Amer. Mus. Nov.*, 593 : 11; *4-6.

RECORDS:

81.32 ♂ *Georgia*: "Burke County"; John Abbot.

82.31 ♂ *Georgia*: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.

83.33 Im. *Georgia*: East of Lexington; April 22, 1943; W. Ivie.

83.32 ♀ *Georgia*: North of Macon; June 16, 1935; W. Ivie.

" Im. *Georgia*: Marshallville; June 24, 1910; R. V. Chamberlin.

..... *Georgia*. (Keyserling, 1880).

Tibellus oblongus (Walckenaer)

Aranea oblonga Walckenaer, 1802, Faune Francaise, 2 : 228.

Philodromus oblongus, Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 558.

Tibellus oblongus, Gertsch, 1933, Amer. Mus. Nov., 593 : 3; *1-3.

RECORD:

82.30 2 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby.

Genus **TMARUS** Simon, 1875**Tmarus angulatus** (Walckenaer)

Abbot, 1792, Spiders of Georgia, *237, 468, 492 (type), 493. MSS.

Thomisus angulatus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 537.

Philodromus inquisitor Walckenaer, Ibid., 553. (*468).

Thomisus caudatus Hentz, 1847, J. Boston Soc. Nat. Hist., 5 : 447; *23 : 9.

Tmarus angulatus, Gertsch, 1939, Bull. Amer. Mus., 76 : 305; *11, 21, 22, 25.

RECORDS:

82.33 Im. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.

82.31 ♀ s Georgia: "Briar Creek Swamp"; May 7, etc.; John Abbot. (Walckenaer, 1837).

83.34 Im. Georgia: Clarkesville; April 27, 1943; W. Ivie.

" Im. Georgia: Gainesville; April 24, 1943; W. Ivie.

83.33 Im. Georgia: North of Athens; June 16, 1935; W. Ivie.

84.30 ♀ Florida: Wakulla Springs.

Tmarus floridensis Keyserling

Tmarus floridensis Keyserling, 1883, Verh. zool.-bot. Ges. Wien, 33 : 673; *21 : 21.

Tmarus floridensis, Gertsch, 1939, Bull. Amer. Mus., 76 : 304; *15, 16, 23.

RECORDS:

82.30 3 ♀ Georgia: Okefenokee Swamp; May and June, 1912; C. R. Crosby. (Gertsch, 1939).

" ♀ Georgia: Okefenokee Swamp.

Tmarus minutus Banks

Tmarus minutus Banks, 1904, J. New York Ent. Soc., 12 : 112; *5 : 10.

Tmarus minutus, Gertsch, 1939, Bull. Amer. Mus., 76 : 303; *7-9, 19, 20, 90.

RECORDS:

83.34 ♀ Georgia: Thompson's Mills. (Gertsch, 1939).

" Im. Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

84.33 ♀ Georgia: Atlanta; May, 1899; J. H. Emerton. (Gertsch, 1939).

Tmarus rubromaculatus Keyserling

Tmarus rubromaculatus Keyserling, 1880, Spin. Amer., Laterigr., 158; *3 : 86.
Tmarus griseus Keyserling, 1883, *Verh. zool.-bot. Ges. Wien*, 33 : 672; *21 : 20.
Tmarus rubromaculatus, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 307; *17, 18, 24.

RECORDS:

- 83.32 ♀ Georgia: Macon. (Gertsch, 1939).
 84.33 2 ♂ ♀ s Georgia: Atlanta; April; July. (Gertsch, 1939).
 ♂ Georgia. *Simon Collection*. (Keyserling, 1880).

Genus **XYSTICUS** C. Koch, 1835**Xysticus elegans** Keyserling

Xysticus elegans Keyserling, 1880, Spin. Amer., Laterigr., 31; *1 : 14.
Xysticus elegans, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 372; *156, 157, 192.

RECORDS:

- 83.34 ♂ ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 “ ♀ Georgia: Clayton; May, 1911. (Gertsch, 1939).
 ♂ Georgia. (Keyserling, 1880). Holotype.

Xysticus emertoni Keyserling

Xysticus emertoni Keyserling, 1880, Spin. Amer., Laterigr., 39; *1 : 18.
Xysticus emertoni, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 374; *158, 159, 197.

RECORD:

- ♀ Georgia. (Keyserling, 1880). Holotype.

Xysticus fraternus Banks

Xysticus fraternus Banks, 1895, *J. New York Ent. Soc.*, 3 : 90.
Xysticus fraternus, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 384; *214, 215, 224.

RECORDS:

- 83.34 2 ♂ Georgia: Clarkesville; April 27, 1943; W. Ivie.
 “ ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.

Xysticus gulosus Keyserling

Xysticus gulosus Keyserling, 1880, Spin. Amer., Laterigr., 43; *1 : 21.
Xysticus gulosus, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 353; *140, 141, 165.

RECORD:

- ♀ Georgia. (Keyserling, 1880). Holotype.

Xysticus indiligens (Walckenaer)

Fig. 42.

Abbot, 1792, *Spiders of Georgia*, *148. MSS.
Thomisus indiligens Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 506.

RECORD:

- 81.32 ♀ Georgia: Ogeechee Swamp; April 12; J. Abbot. (Walckenaer, 1837).

“Carapace tawny, sprinkled with black points. Abdomen subglobular, widest posteriorly; ground color yellow, dotted with black points anteriorly; sides clear yellow, a browner line forming a pear-shaped outline following the form of the abdomen. Two transverse stripes, one more vivid black which stands out upon the white; these lines, on the posterior part, separate from each side of the circumference of the figure, which gives in all four lines which leave a space in their middle; a streak of the same color above the anus. Legs yellow, spotted with brown; the anterior ones with swollen femora and tibiae ciliate with strong hairs within.

Length, 5 lines.” (Walckenaer).

Xysticus laticeps Bryant

Xysticus laticeps Bryant, 1933, *Bull. M. C. Z. Harvard*, 74 : 178; *3 : 25.

Xysticus laticeps, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 370; *182, 183, 191.

RECORDS:

83.32 2 ♂ Georgia: Macon; July, 1930. (Gertsch, 1939).

84.30 ♀ Florida: Torreya Park; August 1, 1925. (Gertsch, 1939).

Xysticus lemniscatus (Walckenaer)

Fig. 25.

Abbot, 1792, *Spiders of Georgia*, *384 (type), 432. MSS.

Thomisus lemniscatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 525.

Xysticus auctificus Keyserling, 1880, *Spin. Amer.*, Laterigr., 25; *1 : 10.

Xysticus maculatus Keyserling, *Ibid.*, 45; *1 : 22.

Xysticus auctificus, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 361; *176, 177, 188.

RECORDS:

81.32 ♂ ♀ Georgia: “Burke County”; May 7 and April 4; John Abbot.
(Walckenaer, 1837).

.... ♀ Georgia. (Keyserling, 1880). Type of *maculatus*.

Xysticus sphericus (Walckenaer)

Fig. 48.

Abbot, 1792, *Spiders of Georgia*, *223. MSS.

Thomisus sphericus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 501.

RECORD:

81.32 ♀ Georgia: “Briar Creek Swamp”; October 4; John Abbot.
(Walckenaer, 1837).

“Female. — Carapace yellow, pale, with four black spots. Abdomen globular, broad across the middle, with contour forming a circle; venter pale yellow or straw colored. On the dorsum a pale, red circle, divided by several lines; the first forms a cord at the upper part; the space between this cord and the circumference, or the segment of the circle, is tinged with pale red. There is then a broken red line which forms an angle at the middle of the circle; then follow two parallel lines or cords. The places where the

lines join the circumference are marked with points of deeper red. Legs pale yellow; the anterior pair thickened and ciliate on the tibiae. Palpi yellow.

Length, 4 lines." (Walckenaer).

Xysticus texanus Banks

Xysticus texanus Banks, 1904, *J. New York Ent. Soc.*, 12 : 112.

Xysticus texanus, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 375; *186, 187, 193.

RECORD:

84.33 Im. ♀ Georgia: Atlanta; Emerton. (Gertsch, 1939).

Xysticus transversatus (Walckenaer)

Fig. 28.

Abbot, 1792, *Spiders of Georgia*, *199 ?, 385 (type). MSS.

Thomisus transversatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 525.

Thomisus lentus Walckenaer, *Ibid.*, 509 (in part) ? (*199).

Thomisus ferox Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 445; *23 : 3.

Xysticus ferox, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 385; *212, 213, 225, 233.

RECORDS:

80.34 2 imm. South Carolina: Bethune; June 10, 1935; W. Ivie.

81.33 Im. South Carolina: Aiken; August 22, 1933; W. Ivie.

81.32 ♀ Georgia: "Burke County"; May 5; J. Abbot. (Walckenaer, 1837).

" ♂ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.

" Im. Georgia: Sylvania to Sardis; April 20, 1943; W. Ivie.

82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.

82.30 2 imm. Florida: Jasper; June 15, 1935; W. Ivie.

83.34 ♂ Georgia: West of Lavonia; April 29, 1943; W. Ivie.

" ♀ Georgia: Tallulah Falls; June 18, 1930. (Gertsch, 1939).

83.33 2 imm. Georgia: North of Athens; June 16, 1935; W. Ivie.

Xysticus triguttatus Keyserling

Xysticus triguttatus Keyserling, 1880, *Spin. Amer., Laterigr.*, 12; *1 : 3, 6.

Xysticus triguttatus, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 362; *169, 178, 179.

RECORDS:

84.33 ♂ s Atlanta; May, 1889; J. H. Emerton. (Gertsch, 1939).

..... Georgia. (Keyserling, 1880).

Xysticus tumefactus (Walckenaer)

Fig. 46.

Abbot, 1792, *Spiders of Georgia*, *431. MSS.

Thomisus tumefactus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 502.

Xysticus funestus Keyserling, 1880, *Spin. Amer., Laterigr.*, 10; *1 : 2.

Xysticus funestus, Gertsch, 1939, *Bull. Amer. Mus.*, 76 : 367; *162, 163, 175.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; May 2; J. Abbot. (Walckenaer, 1837).
 84.32 ♂ Georgia: Fort Benning; October 23, 1943; D. E. Beck
 ♀ Georgia.

Xysticus variabilis Keyserling

Xysticus variabilis Keyserling, 1880, Spin. Amer., Laterigr., 40; *1:19.

Xysticus variabilis, Gertsch, 1939, Bull. Amer. Mus., 76:366; *171, 200, 201.

RECORDS:

- 81.32 ♂, 2 imm. Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 82.30 ♀ Georgia: Fargo to Billy's Island; May 25, 1912; C. R. Crosby. (Gertsch, 1939).
 83.32 ♂ Georgia: Macon. (Gertsch, 1939).
 83.30 ♀s Georgia: 6 mi. So. Valdosta; April 20, 1938; W. J. Gertsch. (Gertsch, 1939).

GNAPHOSIDAE

Genus *CALLILEPIS* Westring, 1874

Callilepis imbecilla (Keyserling)

Pythonissa imbecilla Keyserling, 1887, Verh. zool.-bot. Ges. Wien, 37:427; *6:5.

Callilepis imbecilla, Chamberlin, 1922, Proc. Biol. Soc. Wash., 35:158.

RECORDS:

- 81.33 Im. South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 Imm. Georgia: Vicinity Sylvania; April, 1943; W. Ivie.
 82.33 Im. Georgia: Wrens; August 22, 1933; W. Ivie.
 83.34 Im. Georgia: S.E. Toccoa; April 29, 1943; W. Ivie.

Genus *CESONIA* Simon, 1893

Cesonia bilineata (Hentz)

Abbot, 1792, Spiders of Georgia, *454.

Herpyllus bilineatus Hentz, 1847, J. Boston Soc. Nat. Hist., 5:456; *24:5.

Cesonia bilineata, Comstock, 1912, Spider Book, 320; *309.

RECORDS:

- 80.32 Imm. Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 ♀ Georgia: "Burke County"; May 23; John Abbot.
 " Imm. Georgia: Vicinity Savannah and Sylvania; April, 1943; W. Ivie.
 83.34 Im. Georgia: N.E. Lula; April 26, 1943; W. Ivie.

This little species lives on the ground, under leaves and trash. It runs very rapidly when disturbed.

Genus CYLPHOSA Chamberlin, 1936

Cylphosa sericata (L. Koch)

Pythonissa sericata L. Koch, 1866, Drassiden, 31; *2 : 21.

Gnaphosa sericata, Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 157.

Cylphosa sericata, Chamberlin, 1936, *Amer. Mus. Nov.*, 841 : 14.

RECORDS:

81.32 ♂ Georgia: Sylvania; April 10, 1943; W. Ivie.

“ Imm. Georgia: Vicinity Sylvania and Savannah; April, 1943; W. Ivie.

82.33 Im. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.

83.34 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie.

“ Imm. Georgia: Demorest; April 26, 1943; W. Ivie.

----- Georgia. (Chamberlin, 1922).

Genus DRASSYLLUS Chamberlin, 1922

Drassyllus dixinus Chamberlin

Drassyllus dixinus Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 169.

RECORD:

82.30 Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Chamberlin, 1922).

Drassyllus depressus (Emerton)

Abbot, 1792, Spiders of Georgia, *459.

Prothesima depressa Emerton, 1889, *Trans. Conn. Acad. Sci.*, 8 : 173; *3 : 8.

Prothesima depressa, Emerton, 1911, *Ibid.*, 16 : 406; *5 : 8a. (In part).

Drassyllus depressus, Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 167.

RECORDS:

81.32 ♂ 2 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

“ ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.

Drassyllus ellipes Chamberlin and Gertsch

Drassyllus ellipes Chamberlin and Gertsch, 1940, *Amer. Mus. Nov.*, 1068 : 14; *34.

RECORD:

81.32 ♂ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.

Drassyllus frigidus (Banks)

Prothesima frigida Banks, 1892, *Proc. Acad. Phila.*, 17; *1 : 56.

Drassyllus frigidus, Chamberlin, 1936, *Amer. Mus. Nov.*, 841 : 24; *40, 41.

RECORD:

83.34 ♂ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Drassyllus ostegae Chamberlin

Drassyllus ostegae Chamberlin, 1936, *Amer. Mus. Nov.*, 841 : 29; *42, 43.

RECORDS:

- 81.32 ♂ 4 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 " 2 ♀ Georgia: 2 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 81.30 ♂ Florida: Ostega; November 3, 1911. (Chamberlin, 1936).
 Holotype.
 83.34 ♂ Georgia: S.E. Toccoa; April 29, 1943; W. Ivie.
 " ♀ Georgia: Tallulah Falls; April 27, 1943; W. Ivie.

Genus **GEODRASSUS** Chamberlin, 1922**Geodrassus auriculoides** (Barrows)

Drassodes auriculoides Barrows, 1919, *Ohio Naturalist*, 19 : 355; *15 : 4a-b.
Geodrassus auriculoides, Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 160.

RECORD:

- 83.34 2 ♀ Georgia: Lula; April 26, 1943; W. Ivie.

Genus **HAPLODRASSUS** Chamberlin, 1922**Haplodrassus signifer** (C. Koch)

Drassus signifer C. Koch, 1839, *Die Arachniden*, 6 : 31; *188 : 452.
Haplodrassus signifer, Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 162.

RECORDS:

- 81.32 2 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 83.34 ♂ Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie. (Dried remains).

Genus **HERPYLLUS** Hentz, 1832**Herpyllus cratus** Chamberlin

Herpyllus cratus Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 150.

RECORDS:

- ? ♀ Georgia: Deurth; March, 1913.
 83.34 Im. Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie.

Herpyllus vasifer (Walckenaer)

Abbot, 1792, *Spiders of Georgia*, *7.
Drassus vasifer Walckenaer, 1805, *Tableau Aran.*, 46.
Drassus vasifer Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 620.
Herpyllus vasifer, Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 149.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; September 15; John Abbot.
 " Im. Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.

Genus *LITOPYLLUS* Chamberlin, 1922*Litopyllus liber* Chamberlin and Gertsch

Litopyllus liber Chamberlin and Gertsch, 1940, *Amer. Mus. Nov.*, 1068 : 2; *11, 12.

RECORDS:

- 81.32 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " ♂ ♀ Georgia: 3 mi. S.E. Savannah; April 8 and May 3, 1943;
 W. Ivie.
 83.34 Imm. Georgia: No. Clarkesville; April 27, 1943; W. Ivie.
 84.30 ♂ Florida: Liberty County; April 17, 1936; H. K. Wallace.
 (Chamberlin and Gertsch, 1940). Holotype.

Litopyllus paludis Chamberlin and Gertsch

Litopyllus paludis Chamberlin and Gertsch, 1940, *Amer. Mus. Nov.*, 1068 : 4; *22, 23.

RECORD:

- 82.30 ♂, Im. ♀ Georgia: Okefenokee Swamp. (Chamberlin and Gertsch,
 1940). Holotype and allotype.

Genus *POECILOCHROA* Westring, 1874*Poecilochroa montana* Emerton

Abbot, 1792, *Spiders of Georgia*, *213. MSS.

Poecilochroa montana Emerton, 1889, *Trans. Conn. Acad. Sci.*, 8 : 175; *4 : 2.

RECORDS:

- 81.32 ♂ Georgia: "Burke County"; John Abbot.
 " Im. Georgia: Millen; April 16, 1943; W. Ivie.

Genus *SERGIOLUS* Simon, 1891*Sergiolus capulatus* (Walckenaer)

Abbot, 1792, *Spiders of Georgia*, *22. MSS.

Drassus capulatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 621.

Herpyllus variegatus Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 456; *24 : 12.

Poecilochroa variegata, Emerton, 1889, *Trans. Conn. Acad. Sci.*, 8 : 174; *4 : 1.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; June 1; J. Abbot. (Walckenaer,
 1837).
 " Im. Georgia: South of Guyton; April 5, 1943; W. Ivie.
 " Im. Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 83.34 Im. Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

Sergiolus cyaneiventris Simon

Sergiolus cyaneiventris Simon, 1893, *Ann. Soc. Ent. France*, 62 : 311.

Sergiolus cyaneiventris, Banks, 1904, *Proc. Acad. Phila.*, 122; *7 : 3-4, 8 : 14.

RECORDS:

- 81.32 Im. Georgia: Millen; April 26, 1943; W. Ivie.
 " ♀, 2 imm. Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943;
 W. Ivie.
 82.33 ♀ Georgia: Bell to Washington; April 30, 1943; W.
 Ivie.

Sergiolus ocellatus (Walckenaer)

Abbot, 1792, *Spiders of Georgia*, *192. MSS.

Drassus ocellatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 621.

Sergiolus decipiens Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 151.

Sergiolus decipiens, Chamberlin, 1936, *Amer. Mus. Nov.*, 841 : 10; *14.

RECORDS:

- 81.32 ♀ Georgia: "Ogeechee Swamp"; August 31; John Abbot.
 (Walckenaer, 1837).
 " Imm. Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 83.34 Im. Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

Sergiolus tennesseensis Chamberlin

Abbot, 1792, *Spiders of Georgia*, *534. MSS.

Sergiolus tennesseensis Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 152.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; May 9; John Abbot.
 " 2 imm. Georgia: North of Sylvania; April 10, 1943; W. Ivie.

Sergiolus tribolus Chamberlin

Sergiolus tribolus Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 153.

RECORD:

- 81.32 Im. Georgia: Millen; April 16, 1943; W. Ivie.

Genus ZELOTES Gistel, 1848

Zelotes limnophilus Chamberlin

Zelotes limnophilus Chamberlin, 1936, *Amer. Mus. Nov.*, 853 : 9; *47.

Zelotes cymbiolus Chamberlin, *Ibid.*, 12; *40, 41.

RECORDS:

- 81.32 ♀ Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 " 4 ♂ 3 ♀ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp. (Chamberlin,
 1936). Holotype.

Zelotes paludis Chamberlin

Zelotes paludis Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 165.

RECORD:

82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp. (Chamberlin, 1922). Holotype.

Zelotes subterraneus (C. Koch)

Melanophora subterranea C. Koch, 1839, *Die Arachniden*, 6 : 85; *201 : 491, 492.

Zelotes subterraneus, Chamberlin, 1922, *Proc. Biol. Soc. Wash.*, 35 : 163.

RECORDS:

81.32 2 ♂ 2 ♀ Georgia: North of Sylvania; April 7 and 10, 1943; W. Ivie.
 " 2 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " ♂ ♀ Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 83.34 ♀ Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.
 " ♀ Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie.
 " ♀ Georgia: North of Clarkesville; April 27, 1943; W. Ivie.
 " ♂ Georgia: Clarkesville; April 27, 1943; W. Ivie.

Found under objects and dead leaves on the ground.

Zelotes sylvanus Chamberlin and Ivie, new species

Figs. 202, 203.

RECORDS:

81.32 ♂ 2 ♀ Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 " ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.

Color: Carapace dark dusky brown, reticulated. Chelicerae dusky brown in front, light brown at distal end and behind. Endites dusky, with light tips. Labium light brown. Sternum dusky yellow. Legs dusky brown, except tarsi and a large patch on retrolateral side of femur I which are light yellowish. Abdomen grayish black; dorsal sclerite of male blackish brown; epigastric region yellowish — median region of male dusky, ridges of epigynum reddish brown. Spinnerets brownish black.

Structure: ♂. Essentially typical in general appearance. Carapace low and moderately wide. Eyes small; order of size is a. s., p. s., p. m., a. m. Anterior eye row slightly procurved; a. m. eyes a scant diameter apart, subcontiguous with the side eyes. Posterior row straight; p. m. eyes elongate, convergent anteriorly, a short diameter apart, same distance from side eyes. Legs average, 4 1 2 3 in order of length. Palpus with tibial spur straight.

Measurements:

	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	4.60	219	4.40	215

Carapace:

Length	2.10	100	2.05	100
Width	1.60	76	1.63	80

Tibia-patella:

I	2.40	114	1.87	91
IV	2.40	114	2.15	105

TYPE LOCALITY: W 81° 37' : 32° 44', Georgia: 1 mile north of Sylvania; April 15, 1943; ♀ holotype, ♂ allotype, ♀ paratype; Wilton Ivie collector.

ANYPHAENIDAE

Genus ANYPHAENA Sundevall, 1833

Anyphaena fragilis Banks

Anyphaena fragilis Banks, 1897, *Canadian Ent.*, 29 : 194.

Anyphaena fragilis, Bryant, 1931, *Psyche*, 38 : 114; *32.

RECORDS:

- 81.32 Im. Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 81.30 2 ♀, Im. ♂ Florida: Jacksonville. (Banks, 1897). Types.
 83.33 ♀ Georgia: North of Athens; June 16, 1943; W. Ivie.
 84.30 ♂ Georgia: Seminole County.
 " ♀ Georgia: Bainbridge; J. C. Bradley. (Bryant, 1931).

Anyphaena fraterna (Banks)

Gayenna fraterna Banks, 1896, *Trans. Amer. Ent. Soc.*, 23 : 63.

Anyphaena fraterna, Bryant, 1931, *Psyche*, 38 : 110; *6, 23.

RECORDS:

- 82.33 2 ♂ Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 83.34 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

Anyphaena laticeps Bryant

Anyphaena laticeps Bryant, 1931, *Psyche*, 38 : 108; *4, 24.

RECORD:

- 83.34 ♂ ♀ Georgia: Thompson's Mills; H. Allard. (Bryant, 1931). Types.

Anyphaena maculata (Banks)

Abbot, 1792, Spiders of Georgia, *53, 289. MSS. (Probably this species).

Gayenna maculata Banks, 1896, *Trans. Amer. Ent. Soc.*, 23 : 64.

Anyphaena maculata, Bryant, 1931, *Psyche*, 38 : 111; *8, 31.

RECORDS:

- 81.32 ♀, Im. Georgia: "Burke County"; John Abbot. (?)
 83.34 2 ♂ 2 ♀ Georgia: Tiger; October.

Anyphaena pectorosa L. Koch

Anyphaena pectorosa L. Koch, 1866, *Die Arachn. Fam. Drassiden*, 198; *8 : 131.
Anyphaena calcarata Emerton, 1890, *Trans. Conn. Acad. Sci.*, 8 : 187; *6 : 3.

RECORD:

81.32 ♂ Georgia: Millen; April 16, 1943; W. Ivie.

Genus ANYPHAENELLA Bryant, 1931

Anyphaenella albens (Hentz)

Clubiona ? albens Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 454; *23 : 24.
Anyphaenella alba, Bryant, 1931, *Psyche*, 38 : 116; *20, 21.

RECORDS:

- 82.33 Im. Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 82.30 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 83.34 Imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 84.30 Im. Florida: Tallahassee; August 27, 1933; W. Ivie.

Anyphaenella saltabunda (Hentz)

Clubiona ? saltabunda Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 453; *23 : 23.
Anyphaenella saltabunda, Bryant, 1931, *Psyche*, 38 : 116; *18, 22.

RECORDS:

- 81.32 Imm. Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 82.30 2 ♀ Georgia: Okefenokee Swamp; June, 1912; C. R. Crosby.
 83.33 2 imm. Georgia: East of Lexington; April 22, 1943; W. Ivie.

Genus AYSHA Keyserling, 1891

Aysha gracilis (Hentz)

Abbot, 1792, *Spiders of Georgia*, *549. MSS.
Clubiona gracilis Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 452; *23 : 19.
Aysha gracilis, Bryant, 1931, *Psyche*, 38 : 119; *13 : 26.

RECORDS:

- 80.32 ♀ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 ♂ Georgia: "Briar Creek Swamp"; May 12; John Abbot.
 82.30 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).

CLUBIONIDAE

Genus AGROECA Westring, 1861

Agroeca kastoni Chamberlin and Ivie, new species

Fig. 200.

RECORDS:

81.32 ♂, 2 imm. Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.

" 3 imm. Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.

Color: ♂. Carapace yellowish, with the usual dusky band on each side very faint; eyes ringed with black. Chelicerae orange. Endites and labium yellowish. Sternum yellowish, with dusky markings on the posterior part. Legs yellowish brown, darker distally, with a dusky ring near the proximal end of the tibiae, a dusky spot on the under side of each femur, and a faded dusky ring on the metatarsus. Abdomen pale gray, marked with many dark gray spots above and on the sides; venter mottled with dark gray. Spinnerets brownish yellow.

Structure: Similar to *pratensis* and other species of this genus. Carapace low, moderately wide; head small. Height of clypeus less than a radius of an a. s. eye. A. m. eyes smaller than the others. Anterior eye row procurved; a. m. eyes a scant diameter apart, less than a radius from the side eyes. Posterior row straight; p. m. eyes a scant diameter apart, slightly more than a diameter from the side eyes. Legs moderately stout; spined; 4 1 2 3 in order of length. Front spinnerets long, longer than the hind pair, separated. Palpus distinctive, as figured.

Measurements:

	♂ Holotype	
	Mm.	Ratio
Length	4.80	218
<i>Carapace:</i>		
Length	2.20	100
Width	1.65	75
<i>Tibia-patella:</i>		
I	2.18	99
IV	2.35	107

TYPE LOCALITY: W 81° 4' : N 32° 4', Georgia: 3 mi. S.E. Savannah; May 3, 1943; ♂ holotype, 2 imm. paratypes; Wilton Ivie collector.

Agroeca pratensis Emerton

Abbot, 1792, Spiders of Georgia, *316 ?, 318 ? MSS.

Agroeca pratensis Emerton, 1889, *Trans. Conn. Acad. Sci.*, 8 : 190; *6 : 7.

Agroeca pratensis, Kaston, 1938, *Amer. Midl. Nat.*, 20 : 566; *4, 9, 13, 18.

RECORDS:

81.32 ♀ Georgia: "Burke County"; John Abbot. (?)

" 2 ♀ Georgia: North of Sylvania; April 7 and 10, 1943; W. Ivie.

Genus *CASTIANEIRA* Keyserling, 1879*Castianeira aurata* (Hentz)

Abbot, 1792, Spiders of Georgia, *529, 530. MSS.

Herpyllus auratus Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 459; *24 : 15.

Castianeira aurata Banks (not Hentz), Emerton, 1913, *Bull. Amer. Mus.*, 32 : 258; *48 : 8-8b

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; August 29; John Abbot (*530).
 " ♂ Georgia: "Burke County"; March 12; John Abbot (*529).
 " ♂ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 " ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 " 2 ♂, ♀, Imm. Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 83.34 Im. Georgia: 5 mi. No. Gainesville; April 26, 1943; W. Ivie.

Castianeira cingulata (C. Koch)

Corinna cingulata C. Koch, 1842, *Die Arachniden*, 9 : 22; *294 : 706.

Castianeira cingulata, Comstock, 1912, *Spider Book*, 578; *655.

RECORD:

- 81.32 Imm. Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.

Castianeira crucigera (Hentz)

Fig. 20.

Abbot, 1792, Spiders of Georgia, *458. MSS.

Herpyllus cruciger Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 458; *24 : 11.

RECORD:

- 81.32 ♂ Georgia: "Burke County"; July 19; John Abbot.

"This spider is extremely nimble". (Abbot). Abbot's figure agrees well with that of Hentz, but shows an additional pair of dark spots on the carapace back of the eyes. We have not seen specimens of this species.

Castianeira descripta (Hentz)

Abbot, 1792, Spiders of Georgia, *13, 193, 395. MSS.

Herpyllus descriptus Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 456; *24 : 7.

Castianeira descripta, Comstock, 1912, *Spider Book*, 578; *656.

RECORDS:

- 81.32 ♂ ♀ Georgia: "Burke County"; John Abbot.
 " ♀ Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 83.34 ♂ Georgia: Lula; April 26, 1943; W. Ivie.

Castianeira longipalpus (Hentz)

Abbot, 1792, Spiders of Georgia. *392, 393. MSS.

Herpyllus longipalpus Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 457; *24 : 9.

Castianeira longipalpus, Comstock, 1912, Spider Book, 579; *658.

RECORDS:

- 81.32 ♂ ♀ Georgia: "Burke County"; July 29 and August 10; J. Abbot.
 " ♂ Georgia: Thunderbolt; June 26, 1912; C. R. Crosby.
 " Imm. Georgia: Vicinity Savannah and Sylvania; April, 1943; W. Ivie.
 82.34 Im. Georgia: Elberton to Bell; April 30, 1943; W. Ivie.
 82.32 ♂ Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 ♂ ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 83.34 Im. Georgia: West of Lavonia; April 29, 1943; W. Ivie.
 " 2 imm. Georgia: Clarkesville; April 27, 1943; W. Ivie.

Castianeira trilineata (Hentz)

Herpyllus trilineatus Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 460; *24 : 18. (Reprint, 1875, Spiders U. S., 97; *11 : 18).

RECORDS:

- 81.32 ♂ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 " 4 imm. Georgia: Vicinity Savannah and Sylvania; April, 1943; W. Ivie.

Castianeira vittata (Walckenaer)

Fig. 4 (369).

Abbot, 1792, Spiders of Georgia, *369. MSS.

Sphasus vittatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 378.

RECORD:

- 81.32 ♂ Georgia: "Burke County"; April 12; John Abbot. (Walckenaer, 1837).

This species resembles *C. descripta* (Hentz), and may prove to be the same; but Abbot's figure shows the carapace light in color, instead of dark. It is probably a male, although Walckenaer refers to it as a female.

Genus CHEIRACANTHIUM C. Koch, 1839**Cheiracanthium inclusum (Hentz)**

Abbot, 1792, Spiders of Georgia, *317. MSS.

Clubiona inclusa Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 451; *23 : 18.

Chiracanthium inclusum, Comstock, 1912, Spider Book, 569; *648-650.

Chiracanthium inclusum, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 186.

RECORDS:

- 80.34 3 imm. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.

- 81.32 ♀ Georgia: "Burke County"; John Abbot.
 " 3 ♂ 4 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 " ♂ Georgia: West of Sylvania; April 11, 1943; W. Ivie.
 82.30 2 ♂ Georgia: Billy's Island, Okefenokee Swamp; June, 1912.
 " ♂ Florida: Lake City; March, 1903; J. H. Comstock
 (Bishop and Crosby, 1926).
 83.34 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J.
 Kaston.
 83.33 2 imm. Georgia: North of Athens; June 16, 1935; W. Ivie.
 83.30 Im. Georgia: South of Lake Park; June 15, 1935; W. Ivie.
 84.30 ♀ Florida: Tallahassee; August 27, 1933; W. Ivie.

This species lives in the tops of weeds and other plants. It hibernates in a white cocoon placed on the plants or inside of rolled up leaves on the ground.

Genus *CLUBIONA* Latreille, 1804

Clubiona abboti L. Koch

Clubiona abboti L. Koch, 1866, Die Arachn. Fam. Drassiden, 303; *12: 193.

Clubiona abboti, Gertsch, 1941, Amer. Mus. Nov., 1148: 15; *32-36.

RECORDS:

- 81.32 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 82.30 ♂ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 83.30 ♀ Georgia: South of Lake Park; June 15, 1935; W. Ivie.

Clubionaalachua Gertsch

Clubionaalachua Gertsch, 1941, Amer. Mus. Nov., 1148: 4; *4.

RECORDS:

- 81.32 ♀ Georgia: Millen; April 16, 1943; W. Ivie.
 82.30 ♀ Florida: Jasper; June 15, 1935; W. Ivie.
 83.30 ♀ Georgia: South of Lake Park; June 15, 1935; W. Ivie.

Clubionacatawba Gertsch

Clubionacatawba Gertsch, 1941, Amer. Mus. Nov., 1148: 10; *10, 11.

RECORDS:

- 82.32 ♂ Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 2 ♂ Georgia: near Waycross; June 11, 1935; W. J. Gertsch.
 (Gertsch, 1941).

Clubionahilltonia Chamberlin and Ivie, new species

Fig. 201.

Color: ♂. Carapace yellowish, becoming brownish on front of head. Chelicerae reddish brown. Endites orange brown. Labium brown. Sternum pale yellow. Legs light yellow, gradually becoming darker distally. Palpus

with basal segments yellowish, tibia and tarsus brownish. Abdomen yellowish gray. Spinnerets yellowish.

Structure: Carapace smoothly convex; head wide; height of clypeus less than half the radius of an a. m. eye. Eyes about equal. Anterior eye row straight; a. m. eyes a radius apart, closer to the side eyes. Posterior row straight; p. m. eyes nearly two diameters apart, an ample diameter from the side eyes. Median ocular quadrangle much wider than long, wider behind than in front. Chelicerae moderately long and slender; sides nearly parallel; length nearly one and a half times the width of both; antero-mesal sides excavated; fang groove with three teeth and a small nodule on the front margin, two small teeth and a nodule on the hind margin. Endites more than twice as long as wide; straight; expanded distally. Labium longer than wide. Sternum ovoid, about one and a half times as long as wide; hind coxae separated by about one-half a diameter. Legs moderately long; 1 4 2 3 in order of length; tibiae I and II with two pairs of long spines below; metatarsi I and II with one pair of long spines below, at base. Palpus distinctive, as shown in the figure.

Measurements:

♂ Holotype

	Mm.	Ratio
Length	3.40	200
Carapace:		
Length	1.70	100
Width	1.18	69
Tibia-patella:		
I	1.90	112
IV	1.66	98

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Briar Creek, 7 miles north of Sylvania; April 13, 1943; ♂ holotype; W. Ivie collector.

This species belongs to the *abboti* group of *Clubiona*, and is apparently closest to *C. procteri* Gertsch.

Clubiona pallens Hentz

Abbot, 1792, Spiders of Georgia, *287, 288. MSS.

Lycosa animosa Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 331 (in part). (*288).

Clubiona pallens Hentz, 1847, J. Boston Soc. Nat. Hist., 5 : 449; *23 : 13.

RECORDS:

- 81.32 ♂ ♀ Georgia: "Burke County"; John Abbot. (Walckenaer, 1837).
 " ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 " ♂ Georgia: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 83.34 ♀ Georgia: Lavonia to Royston; April 30, 1943; W. Ivie.
 " ♀ Georgia: Demorest; April 26, 1943; W. Ivie.
 " ♂ Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Clubiona plumbi Gertsch*Clubiona plumbi* Gertsch, 1941, *Amer. Mus. Nov.*, 1148 : 12; *21-22.

RECORD:

82.34 ♂ Georgia: N.W. Elberton; April 30, 1943; W. Ivie.

Clubiona screveni Chamberlin and Ivie, new species

Figs. 204-206.

RECORDS:

81.32 ♂ Georgia: North of Sylvania; April 10, 1943; W. Ivie.

" ♂ ♀ Georgia: Millen; April 16, 1943; W. Ivie. Types.

Color: Carapace yellow, slightly darker on head; eyes ringed with black. Chelicerae light orange. Labium, endites, sternum, legs, and palpi yellowish, the palpal organs of the male darker. Abdomen pale yellowish gray. Spinnerets yellowish.

Structure: ♂. Carapace typical; eyes occupying nearly the full width of the head. A. m. eyes slightly smaller than the others. Anterior eye row faintly procurved; a. m. eyes three-fourths of a diameter apart, less than a radius from the side eyes. Posterior row straight; p. m. eyes one and three-fourths diameters apart, nearly a diameter from the side eyes. Median ocular quadrangle wider than long, much wider behind than in front. Height of clypeus less than half a radius of an a. m. eye. Chelicerae normal, of moderate size; length slightly more than the width of both. Legs 4 1 2 3 in order of length; tibiae I and II with two pairs of spines below; metatarsi I and II with one pair of long spines at base below. Palpus, in general, typical for the *abboti* group; the details, however, vary, especially the tibial apophyses.

♀. Structure very similar to that of the male, except that the abdomen is larger. The epigynum is figured.

<i>Measurements</i> :	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	2.40	200	3.10	254
<i>Carapace</i> :				
Length	1.20	100	1.22	100
Width .....	.82	69	.82	67
<i>Tibia-patella</i> :				
I .....	.92	77	.80	66
IV	1.06	88	1.06	87

TYPE LOCALITY: W 81° 55' : N 32° 45', Georgia: Millen; April 15, 1943; ♂ holotype, ♀ allotype; Wilton Ivie collector.

This species is close to *C. pikei* Gertsch, but is smaller in size and shows minor differences in the genitalia.

Clubiona tibialis Emerton

Clubiona tibialis Emerton, 1889, *Trans. Conn. Acad. Sci.*, 8 : 180; *5 : 3.

Clubiona tibialis, Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41 : 187.

RECORDS:

- 81.32 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 82.30 2 ♂ ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926).
 " ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 83.31 ♀ Georgia: 16 mi. So. Cordele; June 16, 1935; W. Ivie.
 ----- Georgia: May 25, 1921; Wright and Harper. (Bishop and Crosby, 1926).

Genus MARCELLINA Bryant, 1931

Marcellina piscatoria (Hentz)

Clubiona piscatoria Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5 : 450; *23 : 15.

Marcellina piscatoria, Bryant, 1931, *Psyche*, 38 : 104; *1-2.

Marcellina piscatoria, Kaston, 1938, *Canadian Ent.*, 70 : 12; *4, 7, 11.

RECORDS:

- 81.32 ♀ Georgia: Millen; April 16, 1943; W. Ivie.
 " ♂ ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.

Found under the bark of dead trees.

Genus MERIOLA Banks, 1895

Meriola decepta floridana Chamberlin and Ivie

Meriola decepta floridana Chamberlin and Ivie, 1935, *Bull. Univ. Utah*, (Biol.)2(8):40; *13 : 107.

RECORDS:

- 80.32 ♂, Imm. Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " 3 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 83.34 ♀ Georgia: North of Clarkesville; April 27, 1943; W. Ivie.

Genus MICARIA Westring, 1851

Micaria delicatula Bryant

Micaria aurata (Hentz), Gertsch, 1933, *Amer. Mus. Nov.*, 637 : 2; *4, 6. (Not *Herpyllus auratus* Hentz).

Micaria delicatula Bryant, 1941, *Psyche*, 48 : 138.

RECORD:

- 81.32 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.

Micaria punctata Banks

Micaria punctata Banks, 1893, *Trans. Amer. Ent. Soc.*, 23 : 58.

RECORDS:

- 80.32 ♂ Georgia: Savannah Beach; May 4, 1943; W. Ivie.
 81.32 ♂ 4 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 83.34 ♀ Georgia: Lula; April 26, 1943; W. Ivie.

Genus **PHRUROLITHUS** C. Koch, 1839**Phrurolithus absurdus** Gertsch

Phrurolithus absurdus Gertsch, 1941, *Amer. Mus. Nov.*, 1147 : 16; *32-33.

RECORDS:

- 81.32 ♂ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.
 " ♂ Georgia: Millen; April 16, 1943; W. Ivie.

Phrurolithus emertoni Gertsch

Phrurolithus emertoni Gertsch, 1935, *Amer. Mus. Nov.*, 805 : 9; *20.

RECORD:

- 84.33 ♀ Georgia: Atlanta; May, 1899; J. H. Emerton. (Gertsch, 1935). Holotype.

Phrurolithus formica Banks

Phrurolithus formica Banks, 1895, *J. New York Ent. Soc.*, 3 : 81.

RECORDS:

- 83.34 ♀ Georgia: S.E. Toccoa; April 29, 1943; W. Ivie.
 " ♀ Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

Phrurolithus pinturus Ivie and Barrows

Phrurolithus pinturus Ivie and Barrows, 1935, *Bull. Univ. Utah*, (Biol.)3(2): 22; *63-65.

RECORD:

- 81.32 4 ♂ 4 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 Found on dry ground, under leaves.

Phrurolithus redemptus Gertsch

Phrurolithus redemptus Gertsch, 1941, *Amer. Mus. Nov.*, 1147 : 2; *15, 16, 18.

RECORDS:

- 83.34 ♂ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 " ♀ Georgia: S.E. Pendergrass; April 23, 1943; W. Ivie.
 " ♀ Georgia: S.E. Toccoa; April 29, 1943; W. Ivie.
 " ♂ ♀ Georgia: Clayton; April 28, 1943; W. Ivie.

Phrurolithus singulus Gertsch*Phrurolithus singulus* Gertsch, 1941, *Amer. Mus. Nov.*, 1147:1; *4-6.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 82.34 2 ♂ 2 ♀ Georgia: Elberton to Bell; April 30, 1943; W. Ivie.
 83.34 2 ♂ 2 ♀ Georgia: West of Lavonia; April 29, 1943; W. Ivie.
 " ♂ 3 ♀ Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.

Genus **PHRUROTIMPUS** Chamberlin and Ivie, 1935**Phrurotimpus alarius** (Hentz)*Herpyllus alarius* Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5:461; *24:20.*Phrurolithus utus* Chamberlin and Ivie, 1933, *Bull. Univ. Utah*, (Biol.)2(2):40; *124-126.*Phrurotimpus alarius*, Chamberlin and Ivie, 1935, *Ibid.*, 2(8):34.

RECORDS:

- 81.32 ♀ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.
 " Imm. Georgia: North of Sylvania; April 10, 1943; W. Ivie.
 83.34 ♂ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.
 84.30 ♀ Georgia: Spring Creek, Decatur County; June, 1911.

This species is found on the ground, under leaves and trash in damp situations.

Phrurotimpus annulatus Chamberlin and Ivie, new species

Figs. 194-198.

RECORDS:

- 82.34 ♀ Georgia: Elberton to Bell; April 30, 1943; W. Ivie.
 " ♀ Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
 83.34 4 ♂ 4 ♀ Georgia: Demorest; April 26, 1943; W. Ivie. Types.

Color: Carapace yellowish, with a narrow black margin on the sides, with a dusky band, which begins at the p. s. eye and follows around the carapace a short distance above the margin, and with black rings around the eyes. Chelicerae yellowish, with a patch of dusky on the front. Labium, endites, and sternum light yellowish. Legs light yellowish, with black annuli as follows: one toward distal end of femur, one at distal end of patella, one beyond middle of tibia, one at base and another beyond middle of metatarsus (leg I colored the same as the others). Abdomen pale gray, with wavy transverse bands of black on the posterior part, broken black marks in front; venter with a pair of large black spots near the middle. (Dorsum of male tinted with yellowish, due to dorsal sclerite). Spinnerets light yellow.

Structure essentially typical, agreeing in most details with *umbratilis*, but showing differences in the palpus and epigynum.

Measurements:

	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	1.95	195	2.40	218

Carapace:

Length	1.00	100	1.10	100
Width .....	.83	83	.95	86

Tibia-patella:

I	1.23	123	1.38	125
IV	1.26	126	1.38	125

TYPE LOCALITY: W 83° 32' : N 34° 33', Georgia: Demorest; April 26, 1943; ♂ holotype, ♀ allotype, ♂ s ♀ s paratypes; Wilton Ivie collector.

This species resembles *umbratilis* by having the tibia of leg I annulated like the others; but it can be readily separated from *umbratilis* by the color of the sternum, which in the latter has a median dusky streak, while in *annulatus* the sternum is unmarked.

Phrurotimpus illudens Gertsch

Phrurotimpus illudens Gertsch, 1941, *Amer. Mus. Nov.*, 1147: 18; *49-51.

RECORDS:

- 82.32 ♂ 2 ♀ Georgia: Lyons; June 12, 1935; W. J. Gertsch. (Gertsch, 1941). Types.
 " 2 ♀ Georgia: Lyons; June 12, 1935; W. Ivie.
 82.31 2 ♂ 3 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.

Phrurotimpus paludivagus (Bishop and Crosby)

Phrurolithus paludivagus Bishop and Crosby, 1926, *Journ E. Mitchell Soc.*, 41: 192; *39-40.

RECORD:

- 82.30 ♂ 2 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912; C. R. Crosby. (Bishop and Crosby, 1926). Types.

Phrurotimpus palustris (Banks)

Phrurolithus palustris Banks, 1892, *Proc. Acad. Phila.*, 23; *1: 70.

RECORDS:

- 81.32 2 ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 21, 1943; W. Ivie.
 82.34 ♀ Georgia: Elberton to Bell; April 30, 1943; W. Ivie.

Phrurotimpus subtropicus Ivie and Barrows

Phrurotimpus subtropicus Ivie and Barrows, 1935, *Bull Univ. Utah*, (Biol.)3(2): 24; *66.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April 4 to May 3, 1943; W. Ivie.
 " ♂ s ♀ s Georgia: Vicinity Sylvania; April, 1943; W. Ivie.
 82.34 ♀ Georgia: Elberton to Bell; April 30, 1943; W. Ivie.
 82.33 ♂ Georgia: Bell to Washington; April 30, 1943; W. Ivie.
 83.34 ♀ Georgia: Demorest; April 26, 1943; W. Ivie.
 " ♀ Georgia: West of Lavonia; April 29, 1943; W. Ivie.
 " ♂ ♀ Georgia: 5 mi. No. Gainesville; April 26, 1943; W. Ivie.

Phrurotimpus umbratilis (Bishop and Crosby)

Phrurolithus umbratilis Bishop and Crosby, 1926, *Journ. E. Mitchell Soc.*, 41: 194; *41-43.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 " 4 ♂ ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 82.30 3 ♂ 3 ♀ Georgia: Billy's Island, Okefenokee Swamp; June, 1912;
 C. R. Crosby. (Bishop and Crosby, 1926).
 Types.
 83.34 4 ♂ Georgia: Clarkesville; April 27, 1943; W. Ivie.

Genus TRACHELAS L. Koch, 1866

Trachelas tranquillus (Hentz)

Abbot, 1792, *Spiders of Georgia*, *535 ? MSS.

Cubiona tranquilla Hentz, 1847, *J. Boston Soc. Nat. Hist.*, 5: 450; *23: 16.

RECORDS:

- 81.33 ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 Im. Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 83.31 ♂ Georgia: 16 mi. So. Cordele; June 16, 1935; W. Ivie.

This species is distinct from *T. ruber* Keyserling, which has been considered the same as *tranquillus* by recent authors.

SALTICIDAE

Genus AGASSA Simon, 1901

Agassa cerulea (Walckenaer)

"Copper Spider", Abbot, 1792, *Spiders of Georgia*, *82 (type), 442. MSS.

Attus ceruleus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1: 448.

Attus quaternus Walckenaer, *ibid.*, 452 (in part). (*442, not type).

Attus cyaneus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5: 365; *22: 13.

Agassa georgiana Simon, 1901, *Hist. Nat. Araignees*, 2: 643; *752.

Agassa cyanea, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16: 590; *49: 12, 51: 9.

RECORDS:

- 80.34 ♀ South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.32 2 ♀ Georgia: "Burke and Effington Counties"; April 18 and November 4; John Abbot. (Walckenaer, 1837).
 82.32 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.
 Georgia. (Peckham, 1909).

Genus ATTUS Walckenaer, 1805

This is not a valid genus, but we use it to include those species described under it by Walckenaer, which cannot as yet be placed in their proper genera.

Attus ambesas Walckenaer

Fig. 6.

Abbot, 1792, Spiders of Georgia, *503. MSS.

Attus ambesas Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 452.

RECORD:

81.32 ♀ *Georgia*: "*Burke County*"; *June 20*; *J.*; *Abbot*. (Walckenaer, 1837).

"Female. — Abdomen large, swollen, posteriorly, black, with a bright yellow spot toward the thorax and behind are two less obscurely black bands and upon these are marked off two square black spots. Carapace fawn colored, yellow anteriorly, black on the sides and behind. Legs and palps yellowish, annulate with black." (Walckenaer).

Attus attentus Walckenaer

Fig. 31.

Abbot, 1792, Spiders of Georgia, *157. MSS.

Attus attentus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 437.

RECORD:

81.32 ♀ *Georgia*: "*Ogechee Swamp*"; *April 10*; *J.*; *Abbot*. (Walckenaer, 1837).

"Female. — General color gray, sprinkled with tawny brown or carmelite. Carapace short, with three transverse gray and yellow bands. Abdomen oval, elongate, grayish, with a tawny brown transverse band toward the carapace; two or three longitudinal stripes, brown on the sides, and a white chevron bordered with two brown chevrons on the posterior part toward the anus. Legs annulate in gray and brown.

Length, 5 lines." (Walckenaer).

Attus cancroides Walckenaer

Fig. 34.

Abbot, 1792, Spiders of Georgia, *34. MSS.

Attus cancroides Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 447.

RECORD:

81.32 ♀ *Georgia*: "*Burke County*"; *September 15*; *J.*; *Abbot*. (Walckenaer, 1837).

"Carapace large, oval, white on the sides and posterior part, but of a fawn brown over the middle of the anterior part. Abdomen oval, elongate, with a brown oval on the middle of the back of which the more pointed end touches the anus, and of which the borders are more brown than the anterior. This oval is surrounded by a white band, very broad toward the carapace where there are four small, brown points. Sides of the abdomen and the venter pale fawn colored. Legs short, tawny brown, annulate with deep

brown. The first pair have all the articles short and swollen, and the anterior of the tibiae clothed with very strong spines, causing these feet to resemble somewhat those of a craw-fish.

Length, 5 lines." (Walckenaer).

Attus clandestinus Walckenaer

Fig. 22.

Abbot, 1792, Spiders of Georgia, *403. MSS.

Attus clandestinus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:443.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; July 9; J. Abbot. (Walckenaer, 1837).

"Female. — Carapace a pale grayish tawny. Region of the eyes dense black. Two triangular black spots on the middle of the carapace disposed transversely. On the posterior part toward the abdomen a triangular red spot. Abdomen oval, of a pale grayish fawn color, with a horse-shoe shaped figure of a reddish fawn color with its two branches narrowed and much prolonged; a mark of the same color on the middle of this figure placed longitudinally; a very large white chevron above the anus between the two branches of the figure. Legs and palps pale fawn, annulate with reddish fawn.

Length, 5 lines." (Walckenaer).

Attus explorator Walckenaer

Fig. 40.

Abbot, 1792, Spiders of Georgia, *32. MSS.

Attus explorator Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:450.

RECORD:

81.32 ♀ *Georgia*: "Briar Creek Swamp"; July 1; John Abbot. (Walckenaer, 1837).

"Carapace small, square, red on the anterior part and black on the posterior with white hairs on the middle. Abdomen oval, little elongate, a little enlarged toward the posterior part, narrowed abruptly at the posterior part, variegated on the back with red, white and black. The white forms toward the carapace a lunule or very large semicircle which, on its interior, is bordered with black. The middle of the dorsum red, but on the sides there are two oval white spots bordered with black; and on the middle of its posterior part a black band which is prolonged to the anus and which itself has on it two series of round white dots disposed in pairs. Legs and palps black, short, small and fine. The fourth pair of legs longest.

Length, 4 lines." (Walckenaer).

Attus furtivus Walckenaer

Fig. 14.

Abbot, 1792, Spiders of Georgia, *412. MSS.

Attus furtivus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:453.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; May 3; J. Abbot. (Walckenaer, 1837).

"Frequents oak trees in the oak woods." (Abbot).

"Female. — Carapace brown, square. Abdomen brown, with 8 pale white round dots dispersed longitudinally in parallel series on the back. Legs yellow punctate with black.

Length, 5 lines." (Walckenaer).

Attus infestus Walckenaer

Fig. 7.

Abbot, 1792, Spiders of Georgia, *460. MSS.

Attus infestus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:468.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; September 23; John Abbot. (Walckenaer, 1837).

"Female. — Carapace quadratic, black, with a denser longitudinal line along the middle widened toward the eyes and narrowed posteriorly. Abdomen elongate oval, black pointed toward posterior end, twice as long as cephalothorax, with two dense black circles on the middle and with black streaks on the sides. Legs black, the anterior and the posterior thickened, but anterior more so.

Length, 5 lines." (Walckenaer).

Attus leopardus Walckenaer

Fig. 9.

Abbot, 1792, Spiders of Georgia, *509. MSS.

Attus leopardus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:457.

Attus octavus Hentz, 1846, J. Boston Soc. Nat. Hist., 5:365; *22:15.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; July 4; J. Abbot. (Walckenaer, 1837).

"Female. — Abdomen oval, of a yellowish white or gray, with 8 spots on the back, disposed in two longitudinal and parallel lines, four on each side, the two anterior red, the 6 other black. Carapace, legs and palps clear yellow. The anterior legs crassate.

Length, 4 lines." (Walckenaer).

Attus multivagus Walckenaer

Fig. 32.

Abbot, 1792, Spiders of Georgia, *85, 158 (type), 203. MSS.

Attus multivagus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:438. (*158).

Attus quinque-tesseratus Walckenaer, Ibid., 448. (*85).

RECORDS:

81.32 ♂ ? Georgia: "Ogechee Swamp"; April 6; J. Abbot. (Walckenaer, 1837).

" ♂ ? Georgia: "Burke County"; July 8; J. Abbot. (Walckenaer, 1837).

"Female. — Carapace black. Abdomen oval; pointed at the extremity, yellow brown, speckled on the sides with paler oblique lines, and having on the middle of the dorsum 9 white dots, of which two anterior, toward the cephalothorax, are disposed transversely: three at the middle are arranged in a triangle, and the four posterior form a square. Legs short, annulate, in black and white. Palps black, with the last articles crassate. Chelicerae of a brilliant green." (Walckenaer).

Attus pistacius Walckenaer

Abbot, 1792, Spiders of Georgia, *445. MSS.

Attus pistacius Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:468.

RECORD:

81.32 ♀ Georgia: "Burke County"; June 7; J. Abbot. (Walckenaer, 1837).

"Female. — Abdomen elongate oval, widest at the middle, of a uniform pistachio green. Carapace short, narrow, quadrate, green over the middle bordered with yellowish red. Legs of a uniform tawny red. The first pair much larger and more crassate than the others.

Length, 5 lines." (Walckenaer).

Attus plumosus Walckenaer

Fig. 13.

Abbot, 1792, Spiders of Georgia, *414. MSS.

Attus plumosus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:455.

RECORD:

81.32 ♀ Georgia: "Burke County"; June 13; J. Abbot. (Walckenaer, 1837).

"Taken 13th June on the same Pimeto with the changeable spiders (*Paraphidippus aurantius* (Lucas)), and notwithstanding the difference in color, I am of the opinion it is the male of them." (Abbot).

"Palpi very hairy, black. Carapace quadrate of a non-iridescent green color, with two small oblique black marks on the anterior part. Abdomen elongate oval, green like the carapace, with a rosy spot at the anus. Legs yellow, the anterior ones with longitudinal lines." (Walckenaer).

Attus protervus Walckenaer

Fig. 23.

Abbot, 1792, Spiders of Georgia, *463. MSS.

Attus protervus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:465.

RECORD:

81.32 ♂ Georgia: "Burke County"; May 17; J. Abbot. (Walckenaer, 1837).

"Taken 17th May on a Mulberry Tree. I found several of them in their winter webs under the bark of large oaks in Briar Creek Swamp the 27th December." (Abbot). This is a moderately large, distinctively marked species, but we are unable to place it at present. The name is preoccupied by Walckenaer on an earlier page (*Metaphidippus protervus* (Walckenaer)).

Attus scrutator Walckenaer

Fig. 44.

Abbot, 1792, Spiders of Georgia, *93. MSS.

Attus scrutator Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:446.

RECORD:

81.32 ♂ Georgia: *Effingham County*; May 30; J. Abbot. (Walckenaer, 1837).

"Male. — Carapace black, rounded, thick, with reddish hairs. Abdomen oval, narrowed toward the anus, black surrounded with a border of a pretty red; and two longitudinally disposed parallel series of red dots over the middle of the back, the dots eight in number; the dots of the second row from the carapace are larger than the others. Legs short; the three posterior pairs annulate with black and yellowish white; the anterior pair more elongate, its articles crassate; femora black; the second article red, and the extremity marked with a small vivid white annulus. Palpi black, with the cymbium elongate oval. Chelicerae a brilliant blue.

Length, 5 lines." (Walckenaer).

Attus smaragdinus Walckenaer

Fig. 39.

Abbot, 1792, Spiders of Georgia, *83. MSS.

Attus smaragdinus Walckenaer, 1837, Hist. Nat. Ins. Apt., 7:448.

RECORD:

81.32 ♂ Georgia: "*Effingham County*"; September 24; J. Abbot. (Walckenaer, 1837).

Attus subflavus Walckenaer

Fig. 30.

Abbot, 1792, Spiders of Georgia, *64. MSS.

Attus subflavus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:447.

RECORD:

81.32 ♀ Georgia: "*Burke County*"; August 10; J. Abbot. (Walckenaer, 1837).

"Taken 10th August on a Dogwood in the oak woods of Burke County, with its egg bag of a triangular shape, and of the color of whitish brown

paper. The head part of the thorax where the eyes is, was remarkably high and prominent, and it looked (by being very square) as if its head was cut off." (Abbot).

"Palps, legs, carapace and abdomen of a uniform pale fawn color. On the middle of the anterior part of the carapace are two small parallel black lines which extend to the middle. Abdomen large, oval widened posteriorly, having on the dorsum a narrow longitudinally placed oval of a very pale brown color. From very fine, pale and obscure line, forming transverse curves crossing the entire width of the abdomen and on the sides.

Length, 4 lines." (Walckenaer).

We doubt that this species is a Salticid, in spite of the typical Salticid eye arrangement figured by Abbot.

Attus vernus Walckenaer

Fig. 5.

Abbot, 1792, Spiders of Georgia, *505. MSS.

Attus vernus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:468.

RECORD:

81.32 ♀ Georgia: "Burke County"; May 5; J. Abbot. (Walckenaer, 1837).

"Taken 5th May, on the side of a house, in the oak woods of Burke County." (Abbot).

"Female. — Abdomen elongate oval, black, with ten small yellow or white dots disposed longitudinally in two parallel lines, each of 5 dots. Carapace black. Legs short, the anterior ones crassate, with femora and tibiae black, the metatarsus and tarsus red; the posterior legs have the femora black and the extremity red." (Walckenaer).

Genus *CORYTHALIA* C. Koch, 1850

Corythalia delicatula Gertsch and Mulaik

Figs. 211, 212.

Corythalia delicatula Gertsch and Mulaik, 1936, Amer. Mus. Nov., 851:14; *32.

RECORDS:

81.32 2 ♂ 2 ♀ Georgia: North of Sylvania; April 10, 1943; W. Ivie.

" ♂ Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.

" ♂ ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

83.34 4 ♂ ♀ Georgia: Demorest; April 26, 1943; W. Ivie.

Collected by sifting leaves. A light colored female agrees well with the description of the holotype, but most of our specimens are darker.

Genus FUENTES Peckham, 1894

Fuentes lineata (C. Koch)

Maevia lineata C. Koch, 1848, Die Arachniden, 14 : 77; *479 : 1332.

Fuentes lineata, Simon, 1903, Hist. Nat. Araignees, 2 : 850.

Onondaga lineata, Peckham, 1909, Trans. Wisc. Acad. Sci., 16 : 492; *39 : 9.

RECORDS:

- 81.32 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 " ♂ Georgia: North of Sylvania; April 15, 1943; W. Ivie.
 " 3 ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 83.34 4 imm. Georgia: Clarkesville; April 27, 1943; W. Ivie.
 ----- Georgia. (Peckham, 1909).

Genus HABROCESTUM Simon, 1876

Habrocestum acerbum Peckham

Habrocestum acerbum Peckham, 1909, Trans. Wisc. Acad. Sci., 16 : 522; *44 : 1.

RECORD:

- ♂ Georgia. (Peckham, 1909).

Habrocestum bufoides Chamberlin and Ivie, new species

Figs. 214, 215.

RECORDS:

- 81.32 ♂ Georgia: 3 mi. S.E. Savannah; April 8, 1943; W. Ivie.
 " ♀ Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.
 " 3 ♂ 3 ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.

Color: Carapace, in male, black on top of head, with a curved white band extending from the posterior eyes to the ectal side of the a. m. eye of each side; otherwise the carapace is dark brownish covered with gray hairs, lighter along the median line behind and on the posterior sides. In the female, the carapace is more uniform grayish brown. Chelicerae brown. Endites orange, with lighter tips. Labium dusky. Sternum yellowish, shaded with dusky around the border. Legs yellowish, with distinct blackish rings—two on the femur, one on the tibia, and two on the metatarsus. Palpus of male blackish, with the top and ectal side of femur and patella thickly covered with white hairs, the white hairs extending over the tibia and dorso-ectal side of the tarsus as a narrower band. Palpus of female yellowish. Abdomen dark gray above, marked with a quadrangle of four white spots on the dorsum, and with other white markings lower down on the sides and posterior end; venter pale gray, marked and mottled with darker gray. Base of spinnerets yellowish; spinnerets orange yellow, except the front pair in the male which is black. Eyes green.

Structure: In general appearance, short and compact. Essentially typical in general features. Carapace high and flat on top. Posterior eye row a little shorter than the anterior row. Middle eye closer to the hind eye

than to the front eye. Eye area occupying a little less than half the length of the carapace. Front of head protruding over the chelicerae; less so in the female. Legs 3 4 1 2 in order of length. Abdomen wide, sub-cordate in outline; somewhat flattened above. Palpus and epigynum as shown in the figures.

Measurements:	♂		♀	
	Mm.	Ratio	Mm.	Ratio
Length	2.35	168	2.50	185
Carapace:				
Length	1.40	100	1.35	100
Width	1.06	71	1.00	74
Tibia-patella:				
I .....	.73	52	.67	50
II .....	.66	48	.65	48
III .....	.95	68	.92	68
IV .....	.73	52	.85	63

TYPE LOCALITY: W 81° 35' : N 32° 44', Georgia: 1 mile north of Sylvania; April 7, 1943; ♂ holotype, ♀ allotype, 2 ♂ 2 ♀ paratypes; W. Ivie collector.

These small spiders somewhat resemble tiny toads as they hop about on dead leaves, etc. on the ground.

Habrocestum pulex (Hentz)

Attus pulex Hentz, 1846, *J. Boston Soc. Nat. Hist.*, 5 : 361; *22 : 3.

Habrocestum pulex, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 525; *42 : 11, 43 : 1.

RECORDS:

- 81.32 Im. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.30 Im. Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 83.34 2 imm. Georgia: Lula and Tallulah Falls; April 26 and 27, 1943; W. Ivie.
 83.33 ♂ Georgia: North of Athens; June 16, 1935; W. Ivie.

Genus HABRONATTUS F. Cambridge, 1901

Habronattus agilis (Banks)

Habrocestum auratum (Hentz), Peckham, 1888, *Trans. Wisc. Acad. Sci.*, 7 : 63; *1 : 46, 4 : 46. (Not *Attus auratus* Hentz).

Pellenes agilis Banks, 1893, *J. New York Ent. Soc.*, 1 : 127.

Pellenes agilis, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 535; *46 : 1.

RECORDS:

- *South Carolina.* (Peckham, 1909).
 ----- *Georgia.* (Peckham, 1909).

Habronattus calcaratus (Banks)

Pellenes calcaratus Banks, 1904, *J. New York Ent. Soc.*, 12:117; *6:17, 19.

Pellenes calcaratus, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:546; *45:7, 47:8.

RECORDS:

82.31 *Georgia: Waycross.* (Peckham, 1909).

83.30 ♂, 2 ♀, Imm. *Georgia: Thomas County; October 11, 1928; Handley.*

Habronattus carolinensis (Peckham)

Pellenes carolinensis Peckham, 1900, *Bull. Wisc. Nat. Hist. Soc.*, 1:219; *1:10.

Pellenes carolinensis, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:549; *48:6.

RECORD:

82.31 *Georgia: Waycross.* (Peckham, 1909).

Habronattus coronatus (Hentz)

Attus coronatus Hentz, 1846, *J. Boston Soc. Nat. Hist.*, 5:361; *22:1.

Pellenes coronatus, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:545; *45:3.

RECORDS:

81.32 ♀ *Georgia: Bloomingdale; April 5, 1943; W. Ivie.*

" ♂, Im. *Georgia: North of Springfield; April 6, 1943; W. Ivie.*

" ♀ *Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.*

82.31 *Georgia: Waycross.* (Peckham, 1909).

Habronattus decorus (Blackwall)

Salticus decorus Blackwall, 1846, *Ann. & Mag. Nat. Hist.*, (1)17:34.

Attus splendens Peckham, 1883, *Descr. New or Little Known Attidae*, 4; *3.

Pellenes splendens, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:569; *47:2, 48:8.

RECORD:

81.32 ♂ *Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.*

Habronattus elegans georgiensis Chamberlin and Ivie, new subspecies
Subspecies of *Pellenes elegans* Peckham, 1900.

RECORD:

80.32 ♂ *Georgia: Savannah Beach; May 4, 1943; W. Ivie. Holotype.*

♂. *Color:* Carapace blackish, with fawn colored scales on top of head and sides of carapace; margins white, and a curved white band on each side above, extending from the base to the a. s. eye, broken on top of head; clypeus pale yellowish. Chelicerae light brown covered with long white hairs and pale yellowish scales. Endites light brown. Labium dark brown. Sternum dark brown, covered with long white hairs. Legs with coxae and trochanters light yellowish, clothed with white hairs; rest of legs light yellowish, marked with dusky brown rings and clothed with white scales and a few black hairs. Fringes of leg I whitish on femur, whitish with a few blackish hairs mixed in on patella and under side of tibia, upper side of tibia with fringe blackish at base, whitish distally. Palpus light yellow, covered with

whitish scales and white and black hairs. Abdomen black above, with three wide white stripes, one along each side, and one along middle, the three joining together at the base; sides and venter pale gray. Spinnerets blackish brown.

Structure and size similar to *H. elegans* (Peckham). Fringes on leg I long. No noticeable differences in the palpi.

<i>Measurements:</i>		♂ Holotype	
	Mm.		Ratio
Length	4.80		180
<i>Carapace:</i>			
Length	2.66		100
Width	2.00		75
<i>Tibia-patella:</i>			
I	1.50		56
II	1.40		53
III	1.95		73
IV	1.45		55

TYPE LOCALITY: W 80° 51' : N 32° 0', Georgia: Savannah Beach; May 4, 1943; ♂ holotype; Wilton Ivie collector.

Minor color differences between this specimen and specimens from California induces us to give it subspecies rank. The distinctive features are the pale yellowish scales on the clypeus and front of chelicerae, and the long, nearly white fringes on leg I. The fringes on leg I are longer and contain more black than in *Habronattus birgei* (Peckham).

Habronattus sabulosus (Peckham)

Pellenes sabulosus Peckham, 1900, *Bull. Wisc. Nat. Hist. Soc.*, 1:219; *1:5, 11.

Pellenes sabulosus, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:567; *48:5.

RECORD:

82.31 ♀ s Georgia: Waycross. (Peckham, 1909).

Habronattus tachypodus Chamberlin and Ivie, new species

Figs. 207-210.

RECORD:

81.32 2 ♂ ♀ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.

Color: ♂. Carapace black on top of head, with somewhat of a metallic luster, and containing some fawn colored hairs or spots; blackish brown behind and on the sides; the black area on top of head is nearly surrounded with a white band, which crosses in front above the anterior eyes, extends back along the sides above the middle and through the posterior eyes, then bends sharply mesad for a short distance on each side; clypeus pale fawn color. Chelicerae dark brown, lighter at tips, clothed with black and white hairs. Labium and endites dark dusky brown, with white tips.

Sternum dark dusky brown, with middle more or less faded. Leg I brownish black, with a strip of white hairs extending along the antero-dorsal side from base of femur to distal end of tibia; tarsus light yellowish, with black setae. Other legs brown mixed with white and black. Palpus with cymbium brown, process of tibia and base of femur dark brown, the distal part of femur, patella and tibia white. Abdomen blackish above, with a white band around base, a white band along each side behind (or a row of broken whitish spots), a median elongate white spot back of center, and a pair of small faint spots above spinnerets; venter and sides gray. Spinnerets dusky brown.

♀. Carapace grayish brown, with lower sides covered with light gray hairs in a broad band, and a band of similar hairs extending from base through the posterior eyes; clypeus whitish, with a dark shadow below each a. m. eye. Chelicerae dark brown. Labium and endites dusky brown with whitish tips. Sternum yellowish, with sides blackish. Legs mottled grayish brown. Abdomen mottled gray above, with a whitish median spot behind and a pair of white spots above spinnerets, each of these spots bordered with black; also a light gray, oblique band on each side near middle, and a pair of black patches at base. Venter pale gray, marked with irregular longitudinal bands of dark gray. Spinnerets light dusky brown.

Structure: Essentially typical in general characters. ♂. Height of clypeus about a radius of an a. m. eye. Leg I with femur, patella, and tibia unmodified; metatarsus short, with two pairs of long curved spines below, many long setae, especially on the retrolateral side, and a patch of short spatulate black hairs on the prolateral side toward the end; tarsus bent outward, with spatulate black hairs on prolateral side at base, and distally on ventral side, and with a tuft of long setae at base on retrolateral side. Leg III not modified. Palpus as illustrated.

♀. Normal. Legs have a bare patch on the underside of each femur toward distal end, most conspicuous on leg III. Epigynum as shown in the figure.

<i>Measurements:</i>	♂ Holotype		♀ Allotype	
	Mm.	Ratio	Mm.	Ratio
Length	4.00	182	5.50	197
Carapace:				
Length	2.20	100	2.80	100
Width	1.60	73	2.07	74
Tibia-patella:				
I	1.50	68	1.75	63
II	1.12	51	1.40	50
III	1.60	73	2.10	75
IV	1.30	59	1.70	61

TYPE LOCALITY: W 81° 35' : N 32° 48', Georgia: Brier Creek, 7 miles north of Sylvania; April 12, 1943; ♂ holotype, ♀ allotype, ♂ paratype; W. Ivie collector.

Habronattus viridipes (Hentz)*Attus viridipes* Hentz, 1846, *J. Boston Soc. Nat. Hist.*, 5 : 362; *22 : 5.*Pellenes viridipes*, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 574; *44 : 10, 45 : 8.

RECORD:

..... South Carolina. (Hentz, 1846).

Genus HENTZIA Marx, 1883

Hentzia ambigua (Walckenaer)

Abbot, 1792, Spiders of Georgia, *67, 258, 510 (type). MSS.

Attus ambiguus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 467.*Epiblemum palmarum* Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 366; *22 : 16.*Wala palmarum*, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 508; *42 : 1.

RECORDS:

- 80.34 Im. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.33 Im. South Carolina: Aiken; August 22, 1933; W. Ivie.
 81.32 ♀ s Georgia: "Burke County"; May 1, etc.; John Abbot.
 (Walckenaer, 1837).
 " 2 ♂, 2 imm. Georgia: E. Sylvania; April 17, 1943; W. Ivie.
 " ♂, 3 imm. Georgia: 3 mi. S.E. Savannah; April 4, 1943; W. Ivie.
 82.31 Im. Georgia: 20 mi. S.E. Waycross; June 11, 1935; W.
 Ivie.
 82.30 4 imm. Florida: Jasper; June 15, 1935; W. Ivie.
 83.34 2 imm. Georgia: Gainesville; April 24, 1943; W. Ivie.
 83.30 ♂ Georgia: South of Lake Park; June 15, 1935; W. Ivie.
 84.30 ♂ Florida: Tallahassee; August 27, 1933; W. Ivie.

Hentzia mitrata (Hentz)

Abbot, 1792, Spiders of Georgia, *69, 70, 204 ?, 260. MSS.

Attus mitratus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 363; *22 : 9.*Wala mitrata*, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 507; *41 : 12, 42 : 2.

RECORDS:

- 81.32 2 ♂ ♀ Georgia: "Burke County"; August and September; John
 Abbot.
 Georgia. (Peckham, 1909).

Genus HYCTIA Simon, 1876

Hycitia bina (Hentz)

Abbot, 1792, Spiders of Georgia, *575. MSS.

Attus binus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 352; *21 : 2.*Hycitia bina*, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 489; *39 : 8.

RECORDS:

- 81.32 ♂ Georgia: "Burke County"; John Abbot.
 " 5 imm. Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943;
 W. Ivie.
 82.30 ♀ Georgia: E. Side Okefenokee Swamp; August 23, 1943;
 W. Ivie.
 South Carolina. (Peckham, 1909).

Hycitia pikei Peckham

Hycitia pikei Peckham, 1888, *Trans. Wisc. Acad. Sci.*, 7: 79; *1: 59, 4: 59, 5: 59.
Hycitia pikei, Peckham, 1909, *Ibid.*, 16: 488; *39: 7, 40: 8.

RECORDS:

- 82.30 ♀, 2 imm. Georgia: E. Side Okefenokee Swamp; August 23, 1933; W. Ivie.
 ----- South Carolina. (Peckham, 1909).
 ----- Georgia. (Peckham, 1909).

Genus MAEVIA C. Koch, 1850

Maevia inclemens (Walckenaer)

Fig. 4 (368), 21.

Abbot, 1792, *Spiders of Georgia*, *368, 413 (type), 464, 502 ?, 507. MSS.
Attus inclemens Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1: 465. (*413, 464).
 ? *Attus ictericus* Walckenaer, *Ibid.*, 452. (*502).
Attus aspergatus Walckenaer, *Ibid.*, 467. (*507).
Attus vittatus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5: 360; *21: 23.
Maevia vittata, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16: 452; *49: 7, 51: 8.

RECORDS:

- 81.32 ♂ s ♀ s Georgia: "Burke County"; J. Abbot. (Walckenaer, 1837).
 " ♂ ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 " ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 82.32 Im. Georgia: Lyons; June 11, 1935; W. Ivie.
 83.34 Im. Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.
 " Im. Georgia: Clarkesville; April 27, 1943; W. Ivie.

The types of *Attus inclemens* are figures of light colored males; *aspergatus* and *ictericus* appear to be immature females, the latter of these two may not belong to this species.

Genus MARPISSA C. Koch, 1846

Marpissa undata (DeGeer)

Aranea undata DeGeer, 1778, *Mem. Hist. Insectes*, 7: 320; *39: 8.
 Abbot, 1792, *Spiders of Georgia*, *88. MSS.
Attus lentus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1: 466.
Marpissa undata, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16: 481; *39: 1, 40: 1.

RECORDS:

- 81.32 ♀ Georgia: "Burke County"; May 11; John Abbot. (Walckenaer, 1837).
 " ♀, Im. Georgia: 3 mi. S.E. Savannah; April, 1943; W. Ivie.
 " ♀ Georgia: Millen; April 16, 1943; W. Ivie.
 83.34 Im. Georgia: Demorest; April 26, 1943; W. Ivie.
 83.30 Im. Georgia: Thomasville; April, 1940; H. Field.

Found on the trunks of trees.

Genus *METACYRBA* F. Cambridge, 1901*Metacyrba taeniola* (Hentz)*Attus taeniola* Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 353; *21 : 5.*Metacyrba taeniola*, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 486; *39 : 5, 40 : 4.

RECORDS:

- 81.32 ♂ imm. Georgia: 4 mi. N.E. Sylvania; April 9, 1943; W. Ivie.
 83.34 5 imm. Georgia: 5 mi. N.E. Gainesville; April 26, 1943; W. Ivie.
 ----- South Carolina. (Peckham, 1909).
 ----- Georgia. (Peckham, 1909).

Genus *METAPHIDIPPUS* F. Cambridge, 1901*Metaphidippus canadensis* (Banks)*Icius canadensis* Banks, 1897, *Canadian Ent.*, 29 : 196.*Dendryphantes canadensis*, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 467; *36 : 2.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April, 1943; W. Ivie.
 82.33 ♂ Georgia: East of Wrens; April 21, 1943; W. Ivie.
 83.34 ♂, 2 ♀, 2 imm. Georgia: Demorest; April 26, 1943; W. Ivie.

It is with some doubt that we identify these specimens with *canadensis*. If they are not the same, they are very close. The specimens were collected on the ground under leaves.

Metaphidippus galathea (Walckenaer)Abbot, 1792, *Spiders of Georgia*, *68, 405. MSS.*Attus Galathea* Walckenaer, 1805, *Tableau Aran.*, 23. (Bosc MSS.).*Attus Galathea* Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1 : 456. (*405).*Dendryphantes capitatus* (Hentz), Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 469 (in part). (Not *Attus capitatus* Hentz).

RECORDS:

- 81.33 ♂ ♀ South Carolina: Aiken; August 22, 1933; W. Ivie.
 " 2 ♂ ♀ Georgia: Sardis to Waynesboro; April 20, 1943; W. Ivie.
 81.32 ♂ ♀ s Georgia: "Burke County"; April; John Abbot. (Walckenaer, 1837).
 " 4 ♂ 2 ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 " ♀ Georgia: Sylvania to Sardis; April 20, 1943; W. Ivie.
 82.34 3 ♂ ♀ Georgia: Elberton to Bell; April 30, 1943; W. Ivie.
 82.33 ♂ Georgia: Wrens; August 22, 1933; W. Ivie.
 82.30 2 ♂ ♀ Florida: Jasper; June 15, 1935; W. Ivie.
 83.34 Im. Georgia: Clarkesville; April 27, 1943; W. Ivie.
 83.33 Im. Georgia: East of Lexington; April 22, 1943; W. Ivie.
 84.30 ♂ Florida: Tallahassee; August 27, 1933; W. Ivie.

This common species has been confused with *M. capitatus* (Hentz), but the cymbium of the male palpus lacks the white scales, and the palpal organ is a little different; the females are darker in color.

Metaphidippus protervus (Walckenaer)

Abbot, 1792, Spiders of Georgia; *17, 402 (type). MSS.

Attus protervus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:443. (*402).

Attus felis Walckenaer, Ibid., 451. (*17). ("Tiger Spider", Abbot).

Attus capitatus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5:200; *17:15.

Dendryphantus capitatus, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:469; *36:4, 38:5.

RECORDS:

- 81.32 ♂ ♀ Georgia: "Burke County"; John Abbot. (Walckenaer, 1837).
 82.33 ♀ Georgia: 10 mi. No. Waynesboro; April 20, 1943; W. Ivie.
 83.34 3 ♂ 4 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

Genus MYRMARACHNE MacLeay, 1839

Myrmarachne albocinctus (C. Koch)

Salticus albocinctus C. Koch, 1846, *Die Arachniden*; 13:36; *438:1105.

Myrmarachne albocinctus, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:371; *50:2.

RECORD:

- 81.32 ♂, 2 imm. Georgia: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.

Genus NEON Simon, 1876

Neon nellii Peckham

Neon nellii Peckham, 1888, *Trans. Wisc. Acad. Sci.*, 7:88; *1:65, 6:65.

Neon nellii, Peckham, 1909, Ibid., 16:588; *50:5.

RECORD:

- 83.34 4 ♂ 4 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

Genus NEONELLA Gertsch, 1936

Neonella vinnula Gertsch

Neonella vinnula Gertsch, 1936, *Amer. Mus. Nov.*, 852:24, *28-29.

RECORDS:

- 81.32 2 ♂ Georgia: North of Sylvania; April 7, 1943; W. Ivie.
 83.34 4 ♂ 4 ♀ Georgia: Demorest; April 26, 1943; W. Ivie.

This tiny species is found on the ground among leaves.

Genus PECKHAMIA Simon, 1901

Peckhamia caliginosa (Walckenaer)

Abbot, 1792, Spiders of Georgia, *212 (type), *243. MSS.

Myrmecium caliginosum Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:388.

Synageles americana Peckham, 1892, *Occ. Pap. Nat. Hist. Soc. Wisc.*, 2:65; *5:1.

Peckhamia americana, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:368; *50:4, 51:1.

RECORDS:

- 81.32 ♀ *Georgia*: "Burke County"; August 31; John Abbot. (Walckenaer, 1837).
 " Imm. *Georgia*: Vicinity Sylvania; April, 1943; W. Ivie.
 83.34 Im. *Georgia*: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.
 ----- *Georgia*. (Peckham, 1909).

Genus PARAPHIDIPPUS F. Cambridge, 1901

Paraphidippus aurantius (Lucas)

- "Changeable Spider", Abbot, 1792, Spiders of Georgia, *415. MSS.
Salticus aurantius Lucas, 1833, *Ann. Soc. Ent. France*, 2:480; *18:3.
Attus chrysis Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1:454.
Attus iris Walckenaer, *Ibid.*, 455. (*415 type).
Parnaeus chrysis Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:439.

RECORD:

- 81.32 ♀ *Georgia*: "Burke County"; June 13; J. Abbot. (Walckenaer, 1937).

Paraphidippus marginatus (Walckenaer)

- Abbot, 1792, Spiders of Georgia, *444 (type), 462, 572, 574 ? MSS.
Attus marginatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1:466.
Attus militaris Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5:201; *17:10-11.
Dendryphantas militaris, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:460; *37:1.

RECORDS:

- 81.32 ♂ ♀ *Georgia*: "Burke County"; April 4, etc.; John Abbot. (Walckenaer, 1837).
 ----- "Common throughout the . . . southern . . . states." (Peckham, 1909).

Genus PHIDIPPUS C. Koch, 1846

Phidippus abboti Chamberlin and Ivie, new species

Fig. 216.

♂. *Color*: Carapace with integument red, thinly covered with black and white hairs; eyes on black spots. Chelicerae reddish brown at base, gradually changing to black distally, the black with a purplish and greenish iridescence. Labium and endites reddish, with white tips. Sternum yellow. Legs with coxae and trochanters reddish orange; femora blackish, with orange brown median stripe above, this stripe with margins diffused, expanded distally; patellae orange, more or less shaded distally; tibia I blackish, with ends orange brown above; other tibiae dusky orange, more orange above; metatarsi orange brown, metatarsus I shaded with black distally; tarsi yellow, with terminal brush black. Palpus with femur dusky below and on sides, orange above; patella and tibia orange, marked with dusky; cymbium blackish, with long black and white hairs, and many whitish scales. Abdomen red above, with two irregular blackish bands on posterior two-

thirds, and with a lighter more yellowish band around base, the black bands containing two small whitish spots each; sides streaked with reddish and pale yellowish gray; venter dusky, bordered on the sides with pale yellowish gray. Spinnerets orange, marked with dusky.

Structure: Size medium. Structure typical in general. Head with many long curved black hairs, but these not formed into conspicuous tufts. Chelicerae with a distinct ridge along ectal side. Leg I heavier than the others; femur thickly clothed with shiny black hair (mixed with white distally), which forms a fringe on the under side; tibia thickly covered with long hoary black hairs, these forming somewhat of a wide fringe on the under side. All legs with a number of whitish scales. Palpus with a distinctive long slender embolus, slightly curved.

<i>Measurements:</i>	♂ Holotype
	Mm. Ratio
Length	7.00 194
<i>Carapace:</i>	
Length	3.60 100
Width	2.85 79
<i>Tibia-patella:</i>	
I	3.40 94
II	2.28 63
III	2.05 57
IV	2.80 78

TYPE LOCALITY: W 82° 17' : N 32° 9', Georgia: Lyons; June 11, 1935; ♂ holotype; Wilton Ivie collector.

This species resembles *P. mccoookii* (Peckham) and *P. cardinalis* (Hentz) in color, but the palpus is distinctly different. The palpus most closely resembles that of *P. pius* Scheffer, but the color is not the same.

Phidippus audax (Hentz)

Attus audax Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 5:199; *17:6-7.

Phidippus audax, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:389; *29:2.

RECORDS:

81.32 4 ♀ Georgia: Millen; April 16, 1943; W. Ivie.

82.33 Im. Georgia: Wrens to Thomson; April 21, 1943; W. Ivie.

84.30 Im. Florida: Tallahassee; August 27, 1933; W. Ivie.

Phidippus cardinalis (Hentz)

Attus cardinalis Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5:200; *17:9.

Phidippus cardinalis, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:393; *29:5.

Dendryphantès (Phidippus) cardinalis, Petrunkevitch, 1911, *Cat. Spid. Amer.*, 625.

RECORDS:

..... *South Carolina.* (Petrunkevitch, 1911).

..... *Georgia.* (Petrunkevitch, 1911).

Phidippus cinereus (Walckenaer)

Fig. 37.

Abbot, 1792, Spiders of Georgia, *438. MSS.

Attus cinereus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 440.

RECORD:

81.32 ♀ *Georgia*: "Burke County"; August 9; J. Abbot. (Walckenaer, 1837).

"Female. — Carapace with three spots of white hairs; bordered with black on the anterior part with a red band at end. Abdomen elongate oval, grayish, with a wavy white figure open at its anterior part, and ending in a cordate form at its posterior part; the end toward the carapace surrounded with a semicircle of whitish hairs. Three short white marks, slanting over the sides but not enough prolonged on the dorsum to form chevrons, and two others of the same length running longitudinally above the anus. Legs and palps fawn, annulate with brown, chelicerae blue.

Length, 5 lines." (Walckenaer).

Phidippus dissimulator (Walckenaer)

Fig. 19.

Abbot, 1792, Spiders of Georgia, *408. MSS.

Attus dissimulator Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 453.

RECORD:

81.32 ♂ *Georgia*: "Burke County"; June 13; J. Abbot. (Walckenaer, 1837).

"Taken 13th June on a weed in a cornfield in the oak woods of Burke County. Beneath the abdomen is entirely black, the nippers which were much beneath the thorax are a dark green. The only one I have seen." (Abbot).

"Female. — Carapace very large, quadrate, black. Abdomen oval, a little widened posteriorly, the dorsum of an orange red on the sides, and on the fore part of the middle a deep green longitudinal figure constricted at its middle and resembling the sole of a shoe. On the narrow part a red quadrate spot dividing it in two. Toward the posterior part are four points or spots of a paler red in a quadrangle, and on the anterior part two spots of a pale red. Venter of abdomen entirely black. Legs black, annulate with yellow. Palpi entirely black; the two last articles rounded, moniliform. The chelicerae of a deep green color.

Length, 5½ lines." (Walckenaer).

Phidippus excubitor (Walckenaer)

Abbot, 1792, Spiders of Georgia, *94, 95, 206. MSS.

Attus excubitor Walckenaer, 1805, Tableau Aran., 23.*Attus excubitor* Walckenaer, 1827, Hist. Nat. Ins. Apt., 1 : 436.*Attus insolens* Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 200; *17 : 8.*Phidippus insolens*, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 400; *30 : 2.

RECORDS:

- 81.32 ♂ ♀ Georgia: "Burke County"; October 2, etc.; John Abbot.
(Walckenaer, 1837).
" ♀ Georgia: North of Sylvania; April 7, 1943; W. Ivie.
83.34 ♀ Georgia: S.E. Royston; April 30, 1943; W. Ivie.
----- Georgia. (Peckham, 1909).

Phidippus fraudulentus (Walckenaer)

Abbot, 1792, Spiders of Georgia, *209, 210 (type). MSS.

Attus fraudulentus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:442.

Phidippus insignarius C. Koch, 1846, Die Arachniden, 13:150; *457:1206.

Phidippus insignarius, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:412; *30:3.

RECORDS:

- 81.32 2 ♀ Georgia: "Burke County"; September 18 and May 9; John
Abbot. (Walckenaer, 1837).
----- South Carolina: Wilmington. (Peckham, 1909).

Phidippus hirsutus Barrows

Phidippus hirsutus Barrows, 1919, Ohio Journ. Sci., 19:358; *15:6.

Phidippus hirsutus, Bryant, 1942, Amer. Midl. Nat., 28:700; *3.

RECORD:

- ". . . found as far south as Georgia." (Bryant, 1942).

Phidippus insidiosus (Walckenaer)

Fig. 217.

Abbot, 1792, Spiders of Georgia, *437, 439, 440 (type), 465. MSS.

Attus insidiosus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:440.

? *Phidippus workmanni* Peckham, 1900, Trans. Wisc. Acad. Sci., 13:297; *24:5.

RECORDS:

- 81.32 ♂ ♀ s Georgia: "Burke County"; August 1, etc.; John Abbot.
(Walckenaer, 1837).
" ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
82.30 2 imm. Florida: Jasper; June 15, 1935; W. Ivie.

The color of this species is very close to that given for *workmanni*, but the size is smaller, and the epigynum does not agree.

Phidippus investigator (Walckenaer)

Fig. 18.

Abbot, 1792, Spiders of Georgia, *407. MSS.

Attus investigator Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:445.

RECORD:

- 81.32 ♂ Georgia: "Burke County"; April 23; J. Abbot. (Walckenaer,
1837).

"Male. — Carapace large, quadrate, entirely black. Abdomen elongate oval, of an orange reddish-fawn color, with an obscure curved line, having

a mark at the middle; two black dots at the end of each branch of the curve; two curved lines or commas which diverge in a disjointed chevron between the two dots. The whole of a very dilute black, resembling a chinese character. Spinnerets black. Legs black. Palpi black, crassate at their extremity, with a hook. Chelicerae emerald green.

Length, 5 lines." (Walckenaer).

Phidippus latus (Walckenaer)

Fig. 15.

Abbot, 1792, Spiders of Georgia, *160 (type), 404, 570. MSS.

Attus latus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:438.

Attus scenicoides Walckenaer, Ibid., 444.

RECORDS:

- 80.34 Imm. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.32 ♀ s Georgia: "Burke County"; May 21, etc.; J. Abbot. (Walckenaer, 1837).
 " Im. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.33 Im. Georgia: Thomson to Washington; April 22, 1943; W. Ivie.
 82.32 Imm. Georgia: Lyons; June 11, 1935; W. Ivie.
 82.31 Im. Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 83.33 2 imm. Georgia: East of Lexington; April 22, 1943; W. Ivie.
 " Im. Georgia: North of Athens; June 16, 1935; W. Ivie.
 83.32 Im. Georgia: North of Macon; June 16, 1935; W. Ivie.
 83.30 6 imm. Georgia: South of Lake Park; June 15, 1935; W. Ivie.

These specimens are referred to *latus* on the basis of a similarity of color markings. *Attus rimator* Walckenaer and *Phidippus clarus* Keyserling may be synonyms; but the study of mature specimens is needed to determine this with certainty. The white band on the base of the abdomen appears wider in Abbot's figures than is the case in the typical *clarus*.

Phidippus miniatus (Peckham)

Attus miniatus Peckham, 1883, Descr. New and Little Known Attidae, 15; *2:11.

Phidippus miniatus, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:426; *32:5.

RECORD:

- 81.30 Florida: Jacksonville; Nathan Banks. (Peckham, 1909).

Phidippus variegatus (Lucas)

Fig. 29.

Abbot, 1792, Spiders of Georgia, *89, 90. MSS.

Salticus variegatus Lucas, 1833, Ann. Soc. Ent. France, 2:478; *18:1-7.

Attus morsitans Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:432.

Phidippus variegatus, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:390; *29:1.

RECORD:

81.32 2 ♀ *Georgia*: "Burke County"; June 10; J. Abbot. (Walckenaer, 1837).

"Female. — Abdomen oval, widest across middle, ground color, black above, with a white crescent shaped mark on the middle; two others of the same color nearer the anus on the sides. About the abdomen the sides and below encircled with very long white hairs which are denser toward the carapace and form there a semicircle. Between this semicircle and the crescents a triangular spot, six white dots arranged in two lines approaching in the form of an angle of which the apex is turned toward the carapace. Venter black over the middle, white on the sides. Chelicerae a brilliant golden green, changing to red on the anterior part. Carapace large, nearly as large as the abdomen, clothed with white hairs over the sides. Palpi reddish fawn-colored.

Length, 9 lines." (Walckenaer).

Phidippus obscurus Peckham

Phidippus obscurus Peckham, 1888, *Trans. Wisc. Acad. Sci.*, 7: 16; *1: 5, 2: 5.

Phidippus obscurus, Peckham, 1909, *Ibid.*, 16: 431; *35: 3.

RECORD:

..... ♀ s *Georgia*. (Peckham, 1909).

Phidippus pileatus (Walckenaer)

Fig. 17.

Abbot, 1792, *Spiders of Georgia*, *20. MSS.

Attus pileatus Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1: 450.

RECORD:

81.32 ♀ *Georgia*: *Effingham County*; April 24; J. Abbot. (Walckenaer, 1837).

"Carapace short, quadrate, uniform black. Chelicerae a brilliant emerald green. Abdomen elongate oval, of a pretty orange red on the dorsum, with a figure resembling two truncate pyramids superimposed; the first is a smutty reddish brown, the second is the same only on its borders, with the middle white; the figure as a whole followed by a longitudinal stripe, formed of three fine lines which run toward the anus, on each side of which is a white spot. On the sides and the borders of the back and on each side two brown spots. Legs with femora black, the rest annulate with black, rose and white. Palpi with first articles rose colored and the others black.

Length, 6 lines." (Walckenaer).

Phidippus pilosus (Walckenaer)

Fig. 33.

Abbot, 1792, Spiders of Georgia, *35. MSS.

Attus pilosus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:447.

RECORD:

81.32 ♂ ? Georgia: "Burke County"; October 9; J. Abbot. (Walckenaer, 1837).

"The nippers are green, and beneath (the abdomen) a light black." (Abbot).

"Carapace black, quadrate, short, with two round dots of a beautiful carmine red disposed transversely. Chelicerae green. Abdomen hairy, the dorsum pale yellow, with four spots of dilute black arranged in a quadrangle, and three parallel transverse pale black stripes on posterior part. Palps and legs yellow, annulate with black. First pair of legs larger than the others.

Length, 5 lines." (Walckenaer).

Phidippus pulcher (Walckenaer)

Abbot, 1792, Spiders of Georgia, *201 (type), 409, 410, 436, 573. MSS.

Attus pulcher Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:439.*Attus pulcher pallida* Walckenaer, Ibid., 439. (*436).*Attus peregrinus* Walckenaer, Ibid., 445. (*409 ♂).*Attus otiosus* Hentz, 1846, J. Boston Soc. Nat. Hist., 5:356; *21:10.*Phidippus otiosus*, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:425; *34:6.

RECORDS:

81.32 ♂ ♀ s Georgia: "Burke County"; December 27, etc.; J. Abbot. (Walckenaer, 1837).

83.30 ♀ Georgia: Thomasville; August, 1939; Mrs. R. White.

Phidippus purpurarius (Walckenaer)

Fig. 36.

Abbot, 1792, Spiders of Georgia, *92. MSS.

Attus purpurarius Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:446.

RECORDS:

81.32 Im. Georgia: "Ogechee River Swamp"; April 2; John Abbot. (Walckenaer, 1837).

" Im. Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.

We are assigning one immature specimen to this species. It is dark in color; the carapace is dark brown; the abdomen is dark brownish, with a narrow white basal band, and with two white spots on each side of the dorsum located on a blackish longitudinal band; the venter is uniformly dark. There is no central white spot on the dorsum. These markings agree favorably with the figure of *purpurarius*. Walckenaer's description follows:

"Female. — Carapace short, quadrate, red; clothed with yellow hairs toward the eyes, and black at the junction with the abdomen. Abdomen elongate oval, narrowing toward the anus, red, with four parallel marks of a denser red on the middle of the back; a yellow lunule on the anterior part, bordered with black toward the carapace; four oblique yellow marks on the sides, and four yellow dots toward the anus, which follow four red dots on the anterior part. Junction of carapace and abdomen black. Legs short, with articles a little crassate; femora black; the other articles red. Palps red.

Length, 5 lines."

Phidippus rimator (Walckenaer)

Abbot, 1792, Spiders of Georgia, *33. MSS.

Attus rimator Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 446.

Phidippus clarus Keyserling, 1884, *Verh. zool.-bot. Ges. Wien*, 34 : 497; *13 : 7.

Phidippus clarus, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 398; *30 : 1.

RECORDS:

81.32 Im. Georgia: "Burke County"; August 15; J. Abbot. (Walckenaer, 1837).

82.30 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.

Phidippus sagax (Walckenaer)

Fig. 38.

Abbot, 1792, Spiders of Georgia, *87. MSS.

Attus sagax Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 449.

RECORD:

81.32 Im. ? Georgia: "Burke County"; September 12; J. Abbot. (Walckenaer, 1837).

"Female. — Carapace elongate, black, with two obscure parallel white stripes placed longitudinally on the anterior part. Abdomen oval, black, pointed toward anus, with four white or yellow stripes on the back, which form small elongate quadrangles, the two parallel anterior ones placed transversely but in the same line opposite each other; the more posterior of the two anterior ones, which is on the middle of the back, much larger and broader than the others. Legs short, with femora black, the rest yellow annulate with black. Palps annulate with yellow and black. Chelicerae black.

Length, 4 lines." (Walckenaer).

Phidippus tridentiger (Walckenaer)

Fig. 10.

Abbot, 1792, Spiders of Georgia, *19. MSS.

Attus tridentiger Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 449.

RECORD:

81.32 ♀ Georgia: Effingham County; May 18; J. Abbot. (Walckenaer, 1837).

"The nippers are green next to the head, the rest blue." (Abbot).

"Female. — Carapace black, short, rounded, with two pale yellow zigzag stripes on each side. Anterior part of the chelicerae of a brilliant metallic green, the rest blue. Abdomen oval, a little elongate, of a beautiful carmine red on the black, with a figure formed by lines of a pretty green, forming a sort of vase, terminating in three points or a trident. Legs of moderate length, with femora black; annulate in black, white and red. Palps entirely black.

Length, 6 lines." (Walckenaer).

Genus PHLEGRA Simon, 1876

Phlegra fasciata (Hahn)

Fig. 4 (370).

Abbot, 1792, Spiders of Georgia, *370. MSS.

Salticus fasciatus Hahn, 1831, Die Arachniden, 1:54; *41.

Attus divisus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:443.

Attus leopardus Hentz, 1846, J. Boston Soc. Nat. Hist., 5:359; *21:21.

Phlegra leopardus, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:512; *42:6.

RECORDS:

- 81.32 ♂ *Georgia*: "Burke County"; April 28; J. Abbot. (Walckenaer, 1837).
 83.34 Im. *Georgia*: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Genus PLEXIPPUS C. Koch, 1850

Plexippus paykulli (Audouin)

Attus paykulli Audouin, 1827, In Savigny, Descr. Egypte, 22:172.

Attus paykulli, Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:426.

Plexippus paykulli, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:442.

RECORDS:

- 80.32 ♂, Im. *Georgia*: Savannah Beach; May 4, 1943; W. Ivie.
 83.31 ♀ *Georgia*: 16 mi. So. Cordele; June 16, 1935; W. Ivie.
 84.32 2 ♀ *Georgia*: Fort Benning; October 22, 1943; D. E. Beck.
 84.30 ♂, ♀, Imm. *Florida*: Tallahassee; August 27, 1933; W. Ivie.

Genus SITPICUS Simon, 1901

Sitticus floridanus Gertsch and Mulaik

Sitticus floridanus Gertsch and Mulaik, 1936, Amer. Mus. Nov., 851:20; *21.

RECORDS:

- 81.32 2 ♂ 3 ♀ *Georgia*: 3 mi. S.E. Savannah; April 14, 1943; W. Ivie.
 " 2 ♂ ♀ *Georgia*: 3 mi. S.E. Savannah; May 3, 1943; W. Ivie.

Sitticus magnus Chamberlin and Ivie, new species

Fig. 213.

RECORD:

83.34 ♀ Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.

♀. *Color*: Carapace dusky brown, covered with fine, appressed, pale gray hairs, and with some black setae on front of head. Chelicerae dark brown. Labium and endites brown, with white tips. Sternum brown. Coxae and trochanters of legs brownish, darker in front, lighter behind. Rest of legs light yellowish brown, with sharp black rings—two on femur, one on patella, two on tibia, and two on metatarsus. Palpus yellowish, marked with gray. Abdomen mottled gray; the more conspicuous markings on the dorsum consist of: a pair of large pale spots just back of middle, four small light spots forming a square near the base, and a series of large light spots around the margin of each side; venter mottled gray, with a pair of large whitish spots just in front of the spinnerets. Spinnerets dusky yellow.

Structure: Carapace moderately high; posterior declivity steep; a shallow transverse depression back of posterior eyes, extending all the way across the carapace. Posterior eye row slightly shorter than the anterior row. Height of clypeus about one-fourth diameter of an a. m. eye. Chelicerae moderately stout, vertical; three teeth in front of fang, none behind; fang short. Legs about average in size; 4 1 2 3 in order of length; tibia and metatarsus I each with two pairs of spines below; leg II similar, except the two prolateral spines of the tibia missing. Abdomen large, somewhat depressed. Epigynum with a simple circular depression.

Measurements:

♀ Holotype

	Mm.	Ratio
Length	5.40	235
Carapace:		
Length	2.30	100
Width	1.80	78
Tibia-patella:		
I	1.35	59
II	1.15	50
III .....	.95	41
IV	1.80	78

TYPE LOCALITY: W 83° 48' : N 34° 18', Georgia: Gainesville; April 24, 1943; ♀ holotype; W. Ivie and B. J. Kaston collectors.

Genus **STOIDIS** Simon, 1901**Stoidis canosa** (Walckenaer)

Abbot, 1792, Spiders of Georgia, *18, 504. MSS.

Attus canosus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:451. (*18).*Attus magus* Walckenaer, Ibid., 453. (*504).*Attus auratus* Hentz, 1846, J. Boston Soc. Nat. Hist., 5:362; *22:6.*Stoides aurata*, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:527; *38:9, 43:9.

RECORDS:

- 81.32 2 ♀ Georgia: "Burke County"; November 20 and December 27; John Abbot. (Walckenaer, 1837).
 " ♀ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.
 82.34 ♀ Georgia: N.W. Elberton; April 30, 1943; W. Ivie.
 82.31 ♀ Georgia: 20 mi. S.E. Waycross; June 11, 1935; W. Ivie.
 82.30 ♀ Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 84.30 Im. Florida: Tallahassee; August 27, 1933; W. Ivie.

Genus SYNEMOSYNA Hentz, 1845

Synemosyna lunata (Walckenaer)

Abbot, 1792, Spiders of Georgia, *12, 14, 214 (type). MSS.

Myrmecia lunata Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:387. (*214).

Myrmecia rubra Walckenaer, Ibid., 387. (*12 (type), 14).

Synemosyna formica Hentz, 1845, J. Boston Soc. Nat. Hist., 5:368; *22:18.

Synemosyna formica, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:366; *50:1.

RECORDS:

- 81.32 2 ♂ ♀ Georgia: "Burke County"; J. Abbot. (Walckenaer, 1837).
 " 2 ♂ ♀ Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 83.34 ♂ Georgia: N.W. Clayton; April 28, 1943; W. Ivie.
 " Im. Georgia: Demorest; April 26, 1943; W. Ivie.
 " ♂, 2 imm. Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.

Genus THIODINA Simon, 1900

Thiodina irrorata (Walckenaer)

Fig. 11.

Abbot, 1792, Spiders of Georgia, *508. MSS.

Attus irroratus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1:466.

Attus puerperus Hentz, 1845, J. Boston Soc. Nat. Hist., 5:360; *21:22.

Thiodina puerpera, Peckham, 1909, Trans. Wisc. Acad. Sci., 16:449; *35:8.

RECORDS:

- 80.34 Im. South Carolina: Bethune; June 10, 1935; W. Ivie.
 81.32 ♀ Georgia: "Burke County"; September 24; John Abbot. (Walckenaer, 1837).
 " ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 13, 1943; W. Ivie.
 " ♂, imm. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 82.30 3 imm. Georgia: E. side Okefenokee Swamp; August 23, 1933; W. Ivie.
 83.34 2 imm. Georgia: Gainesville; April 24, 1943; W. Ivie and B. J. Kaston.
 83.32 ♀ Georgia: North of Macon; June 16, 1935; W. Ivie.
 ----- Georgia: South Carolina. (Peckham, 1909).

Thiodina iniquies (Walckenaer)

Abbot, 1792, Spiders of Georgia, *84, 159 (type), 208, 580. MSS.

Attus iniquies Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 438. (159).

Attus sylvanus Hentz, 1845, *J. Boston Soc. Nat. Hist.*, 5 : 364; *22 : 10.

Thiodina sylvana, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16 : 449; *35 : 9.

RECORDS:

- 81.32 ♂ 2 ♀ Georgia: "Burke County"; June 15, etc.; John Abbot.
(Walckenaer, 1837).
----- Georgia. (Peckham, 1909).

Genus **ZYGOBALLUS** Peckham, 1885**Zygoballus bettini** Peckham

Zygoballus bettini Peckham, 1888, *Trans. Wisc. Acad. Sci.*, 7 : 89; *1 : 68, 6 : 68.

Zygoballus bettini, Peckham, 1909, *Ibid.*, 16 : 579; *50 : 7, 51 : 10.

RECORDS:

- 81.32 4 ♂ 4 ♀ Georgia: 3 mi. S.E. Savannah; April, 1943; W. Ivie.
82.30 ♀ Georgia: E. side Okefenokce Swamp; August 23, 1933;
W. Ivie.
----- Georgia. (Peckham, 1909).

Zygoballus nervosus (Peckham)

Eris nervosus Peckham, 1888, *Trans. Wisc. Acad. Sci.*, 7 : 56; *1 : 39, 3 : 39.

Zygoballus nervosus, Peckham, 1909, *Ibid.*, 16 : 580; *50 : 8, 51 : 12.

RECORD:

- 81.32 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W.
Ivie.

Zygoballus quaternus (Walckenaer)

Fig. 35.

Abbot, 1792, Spiders of Georgia, *443. MSS.

Attus quaternus Walckenaer, 1837, Hist. Nat. Ins. Apt., 1 : 452 (in part).

RECORD:

- 81.32 ♀ Georgia: "Burke County"; June 22; J. Abbot. (Walckenaer,
1837).

"Taken once on an elder and a second time on a sumac in the woods."

"Female. — Abdomen oval, widened posteriorly, of a reddish fawn-color, with four round yellow spots bordered with black, arranged in a quadrangle on the back. Carapace reddish fawn-color. Palpi yellow; legs yellow, excepting the posterior and anterior femora which are black, and tarsi which are annulate with black.

Length, 4 lines." (Walckenaer).

Zygoballus sexpunctatus (Hentz)

Attus sexpunctatus Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 4:202; *17:14.

Zygoballus sexpunctatus, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:583; *51:11.

RECORDS:

- 81.32 ♂ Georgia: Brier Cr., 7 mi. No. Sylvania; April 12, 1943; W. Ivie.
 " ♀ Georgia: 8 mi. W. Savannah; April 5, 1943; W. Ivie.
 82.33 ♂ Georgia: Wrens; August 22, 1933; W. Ivie.
 " ♀ Georgia: Washington to Thomson; May 1, 1943; W. Ivie.
 82.32 ♀ Georgia: Lyons; June 11, 1935; W. Ivie.
 82.30 Im. Florida: Jasper; June 15, 1935; W. Ivie.
 83.34 ♂ Georgia: Clarkesville; April 27, 1943; W. Ivie.
 83.33 ♂ Georgia: North of Athens; June 16, 1935; W. Ivie.
 83.32 ♀ Georgia: North of Macon; June 16, 1935; W. Ivie.
 83.30 ♂ Georgia: South of Lake Park; June 15, 1935; W. Ivie.
 ----- ---- Georgia. (Petrunkevitch, 1911).

LYSSOMANIDAE

Genus **LYSSOMANES** Hentz, 1844

Lyssomanes viridis (Walckenaer)

Abbot, 1792, *Spiders of Georgia*, *52 (type), 59. MSS.

Attus viridis Walckenaer, 1837, *Hist. Nat. Ins. Apt.*, 1:469. (*52).

Lyssomanes viridis, Hentz, 1844, *J. Boston Soc. Nat. Hist.*, 5:193; *17:3.

Lyssomanes viridis, Peckham, 1909, *Trans. Wisc. Acad. Sci.*, 16:595.

RECORDS:

- 81.32 ♂, Im. Georgia: "Burke County"; June 16, etc.; John Abbot.
 (Walckenaer, 1837).
 " 3 imm. Georgia: East of Sylvania; April 17, 1943; W. Ivie.
 83.34 2 imm. Georgia: Clayton to Tallulah Falls; April 28, 1943; W. Ivie.
 83.33 Im. Georgia: East of Lexington; April 22, 1943; W. Ivie.

Abbot's figure No. 52, used as type by Walckenaer, is evidently of an immature specimen; fig. 59 is a good representation of an adult male.

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FIGURE TITLES

PLATE I.

5. *Attus vernus* Walckenaer, Type. (Abbot's figure 505).
6. *Attus ambesas* Walckenaer, Type. (503).
7. *Attus infestus* Walckenaer, Type. (460).
8. *Mangora ornata* (Walckenaer), Type. (475) (*Theridion ornatum* Walck.).
9. *Attus leopardus* Walckenaer, Type. (509).
10. *Phidippus tridentiger* (Walck.), Type. (19) (*Attus tridentiger* Walck.).
11. *Thiodina irrorata* (Walckenaer), Type. (508) (*Attus irroratus* Walck.).
12. *Epeira vivida* Walckenaer, Type. (474).
13. *Attus plumosus* Walckenaer, Type. (414).
14. *Attus furtivus* Walckenaer, Type. (412).
15. *Phidippus latus* (Walck.). (404) (*Attus scenicoides* Walckenaer, Type).
16. *Theridion incisuratum* Walckenaer, Type. (520).
17. *Phidippus pileatus* (Walckenaer), Type. (20) (*Attus pileatus* Walck.).
18. *Phidippus investigator* (Walck.), Type. (407) (*Attus investigator* Walck.).
19. *Phidippus dissimulator* (Walck.), Type. (408) (*Attus dissimulator* Walck.).
20. *Castianeira crucigera* (Hentz). (458).
21. *Maevia inclemens* (Walckenaer), Type. (413) (*Attus inclemens* Walck.).
22. *Attus clandestinus* Walckenaer, Type. (403).
23. *Attus protervus* Walckenaer (1 : 465), Type. (463).
24. *Thomisus bicolor* Walckenaer, Type. (270).
25. *Xysticus lemniscatus* (Walckenaer), Type. (384) (*Thomisus lemniscatus* Walck.).
26. *Misumenoides formosipes* (Walck.), Type. (418) (*Thomisus formosipes* Walck.).
27. *Misumenoides formosipes* (Walck.). (416) (*Thomisus pardus* Walck., Type).
28. *Xysticus transversatus* (Walck.), Type. (385) (*Thomisus transversatus* Walck.).



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PLATE II.

29. *Phidippus variegatus* (Lucas). 89) (*Attus morsitans* Walckenaer).
30. *Attus subflavus* Walckenaer, Type. (64).
31. *Attus attentus* Walckenaer, Type. (157).
32. *Attus multivagus* Walckenaer. (85) (*Attus quinque-tesseratus* Walck., Type).
33. *Phidippus pilosus* (Walck.), Type. (35) (*Attus pilosus* Walckenaer).
34. *Attus cancroides* Walckenaer, Type. (34).
35. *Zygoballus quaternus* (Walck.), Type. (443) (*Attus quaternus* Walck.).
36. *Phidippus purpurarius* (Walck.), Type. (92) (*Attus purpurarius* Walck.).
37. *Phidippus cinereus* (Walck.), Type. (438) (*Attus cinereus* Walck.).
38. *Phidippus sagax* (Walck.), Type. (87) (*Attus sagax* Walckenaer).
39. *Attus smaragdinus* Walckenaer, Type. (83).
40. *Attus explorator* Walckenaer, Type. (32).
41. *Thomisus turgidus* Walckenaer, Type. (224).
42. *Xysticus indiligens* (Walck.), Type. (148) (*Thomisus indiligens* Walck.).
43. *Theridion ansatum* Walckenaer, Type. (149).
44. *Attus scrutator* Walckenaer, Type. (93).
45. *Thomisus stigmatisatus* Walckenaer, Type. (435).
46. *Xysticus tumefactus* Walckenaer, Type. (431) (*Thomisus tumefactus* Walck.).
47. *Misumenops desidiosus* (Walck.), Type. (198) (*Thomisus desidiosus* Walck.).
48. *Xysticus sphericus* (Walck.), Type. (223) (*Thomisus sphericus* Walck.).
49. *Misumenops iners* (Walck.), Type. (196) (*Thomisus iners* Walckenaer).
50. *Misumenops cruentatus* (Walck.), Type. (434) (*Thomisus cruentatus* Walck.).
51. *Thomisus oscitans* Walckenaer, Type. (222).
52. *Philodromus abboti* Walckenaer, Type. (225).



PLATE III.

53. *Tetragnatha lutea* Walckenaer, Type. (240).
54. *Rhomphaea lacerta* (Walckenaer), Type. (496) (*Tetragnatha lacerta* Walck.).
55. *Tetragnatha aurata* Walckenaer, Type. (451).
56. *Epeira foliosa* Walckenaer, Type. (39).
57. *Lycosa georgicola* Walckenaer, Type. (41).
58. *Dolomedes suspectus* (Walck.), Type. (11) (*Lycosa tarentula suspecta* Walck.).
59. *Schizocosa crassipes* (Walck.), Type. (311) (*Lycosa crassipes* Walck.).
60. *Lycosa infesta* Walckenaer, Type. (86).
61. *Neoscona sacra* (Walck.), Type. (136) (*Epeira sacra* Walckenaer).
62. *Epeira fulva* Walckenaer, Type. (348).
63. *Theridion catenatum* Walckenaer, Type. (153).
64. *Epeira phrygiata* Walckenaer, Type. (180).
65. *Neoscona domiciliorum* (Hentz). (126) (*Epeira benjamina* Walck.).
66. *Aranea raji* Olivier. (326) (*Epeira frondosa* Walckenaer, Type).
67. *Epeira bivittata* Walckenaer, Type. (234).

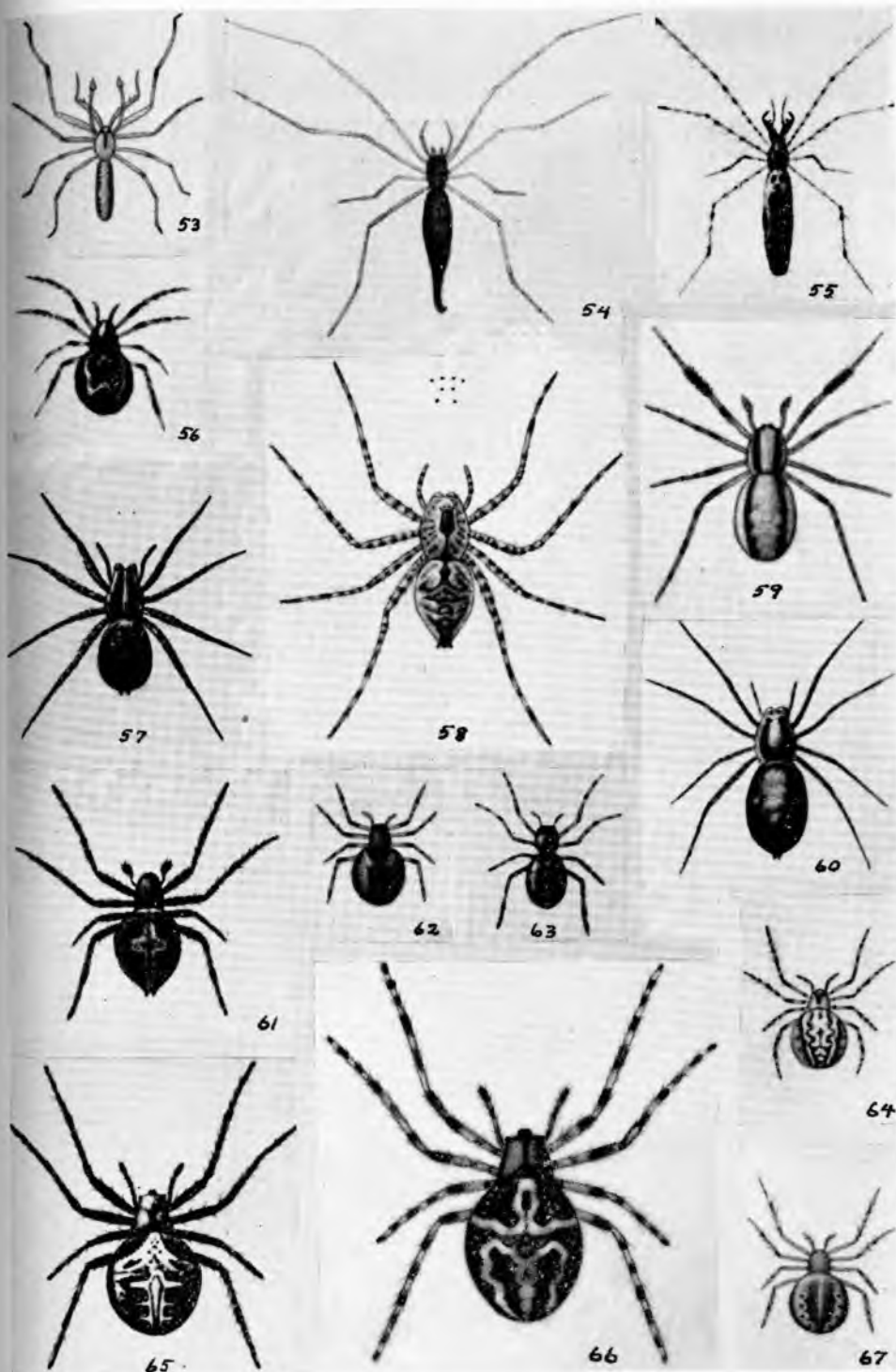


PLATE IV.

68-74. *Lithyphantes tricolor* n. sp.

68. Female, dorsal view.

69. Body of female, ventral view.

70. Epigynum.

71. Front of female.

72. Left chelicera of female, posterior view.

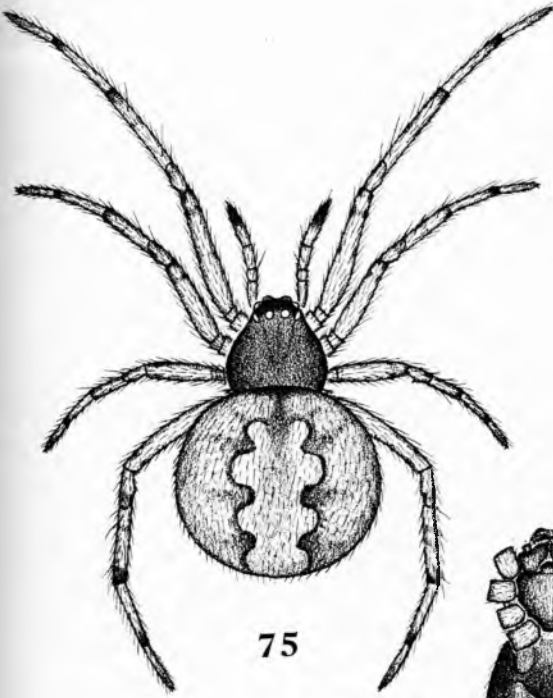
73. Eyes of female, dorsal view.

74. Lateral view of female.

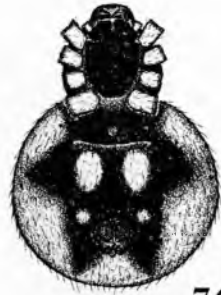


PLATE V.

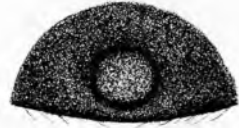
75. *Theridion rabuni* n. sp., dorsal view of female.
76. Same, body of female, ventral view.
77. Same, epigynum.
78. *Theridion sardis* n. sp., dorsal view of male.
79. Same, body of male, ventral view.
80. Same, left palpus, ectal view.
81. *Theridion talmo* n. sp., left palpus, ectal view.
82. *Theridion chinda* n. sp., epigynum.



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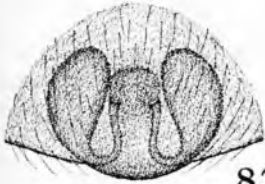
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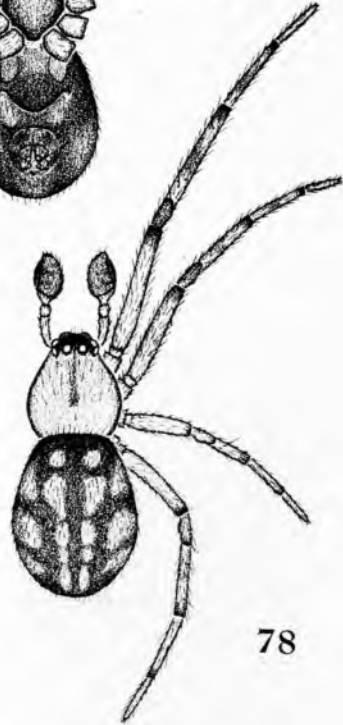
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PLATE VI.

83. *Theridion chinda* n. sp., dorsal view of female.
84. Same, ventral view of female.
85. *Euryopis inornata* n. sp., female.
86. *Euryopis orniceps* n. sp., male.
87. *Achaea index* n. sp., female, lateral view.
88. *Theridion talmo* n. sp., male.
89. *Theridion americanum* Walckenaer, female.
90. *Euryopis georgiana* n. sp., female.
91. *Theridiosoma savannum* n. sp., male.
92. Same, left palpus, ectal view.

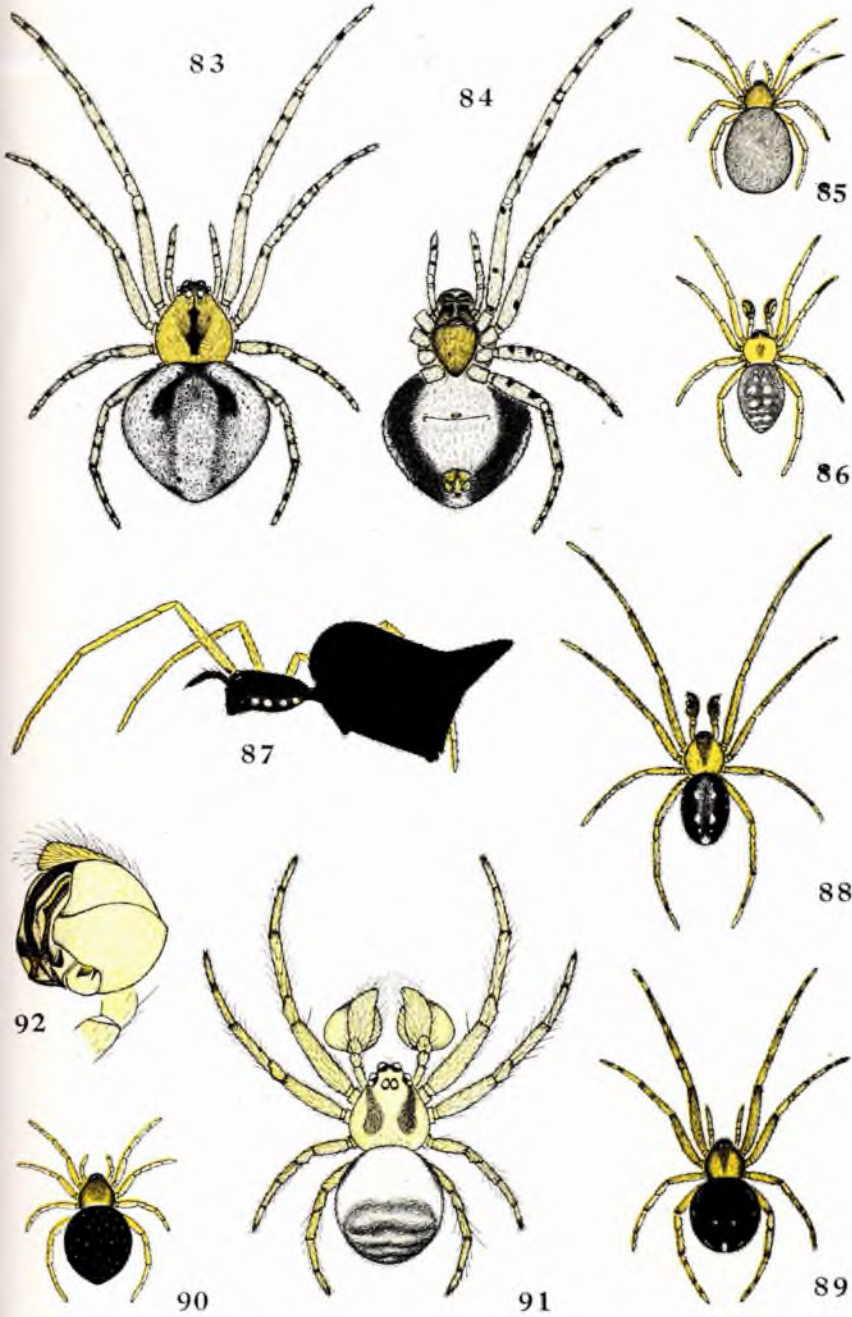


PLATE VII.

93. *Argiope florida* n. sp., female.
94. Same, body of female, ventral view.
95. Same, male.
96. Same, epigynum.
97. Same, left palpus, ectal view.
98. *Argiope seminola* n. sp., female.
99. Same, body of female, ventral view.
100. Same, male.
101. Same, epigynum.
102. Same, left palpus, ectal view.

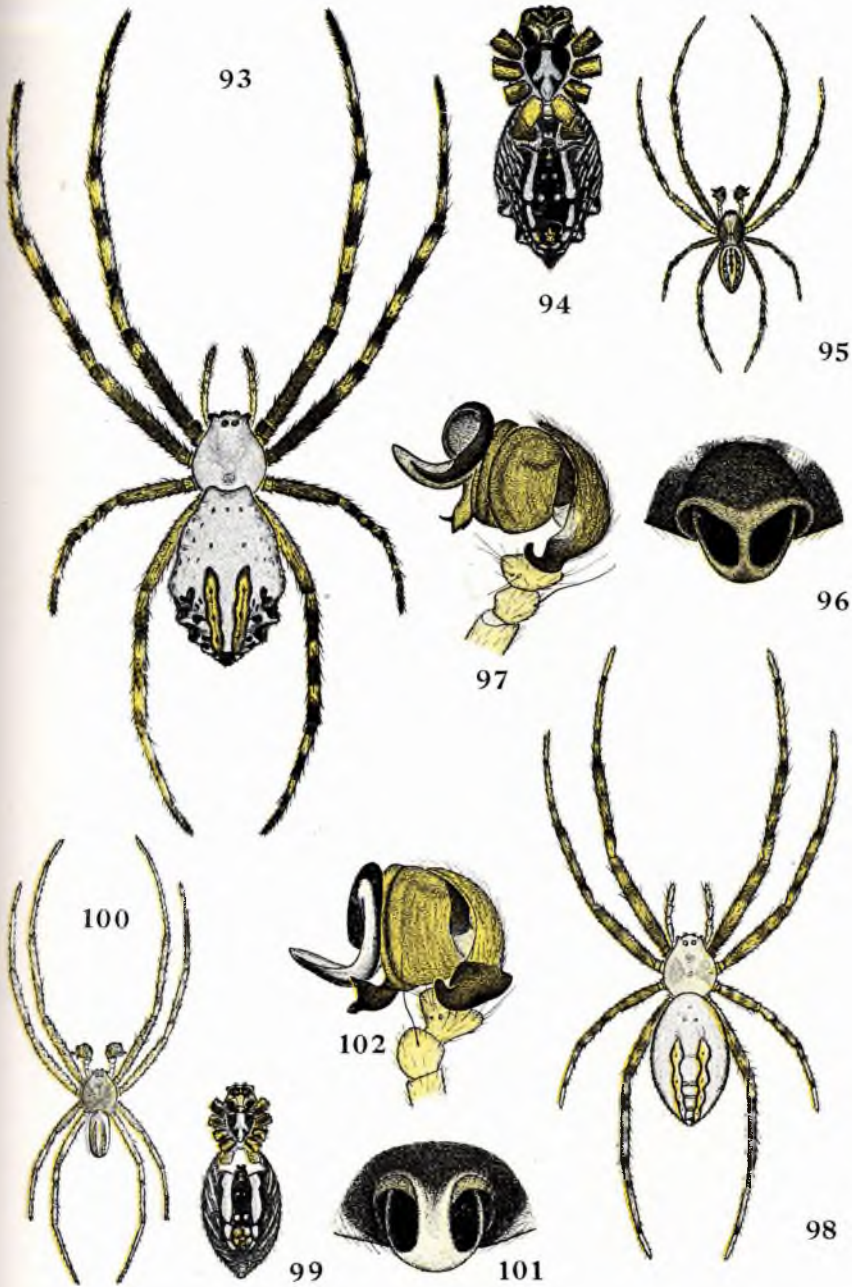
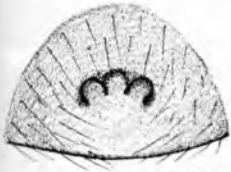
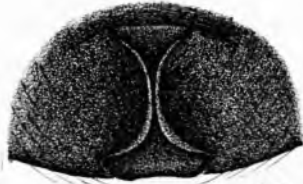


PLATE VIII.

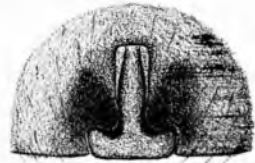
103. *Euryopsis inornata* n. sp., epigynum.
104. *Euryopsis georgiana* n. sp., epigynum.
105. *Achaea index* n. sp., epigynum.
106. *Theridion americanum* Walckenaer, epigynum.
107. *Ceraticelus titivillitium* Crosby and Bishop, epigynum.
108. *Ceraticelus savanna* n. sp., epigynum.
109. *Cornicularia dixiana* n. sp., epigynum.
110. *Araeoncus americanus* n. sp., epigynum.
111. *Ceraticelus laticeps bucephalus* n. subsp., epigynum.
112. *Ceratinopsis bona* n. sp., epigynum.
113. *Soudinus corneliae* n. sp., epigynum.
114. *Sougambus georgiensis* n. sp., epigynum.
115. *Sciastes ogeechee* n. sp., epigynum.
116. *Ceratinopsis georgiana* n. sp., epigynum.
117. *Ceratinopsis swanea* n. sp., epigynum.
118. *Ceratinopsis sylvania* n. sp., epigynum.
119. *Ceratinopsis tybeensis* n. sp., epigynum.
120. *Floricomus setosus* n. sp., epigynum.
121. *Floricomus tallulae* n. sp., epigynum.
122. *Sciastes fuscus* n. sp., epigynum.



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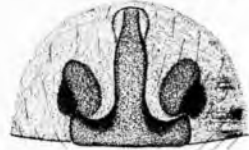
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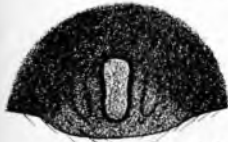
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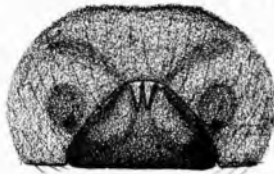
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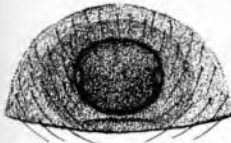
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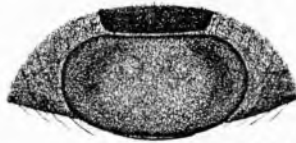
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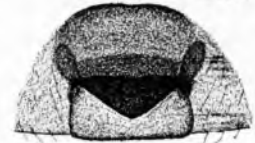
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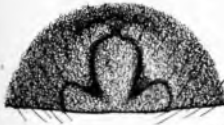
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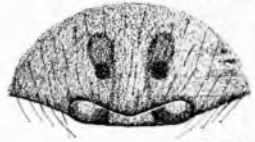
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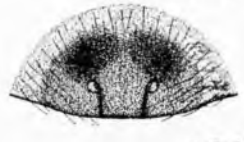
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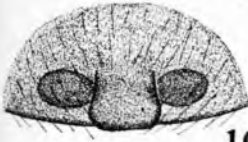
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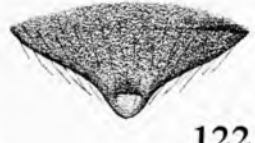
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PLATE IX.

123. *Euryopis orniceps* n. sp., left palpus, ectal view.
124. *Ceraticelus savanna* n. sp., left palpus, ventral view.
125. *Ceratinopsis georgiana* n. sp., left palpus, ectal view.
126. Same, tibia of left palpus, meso-dorsal view.
127. *Ceratinopsis swanea* n. sp., left palpus, ectal view.
128. Same, tibia of left palpus, meso-dorsal view.
129. *Ceratinopsis bona* n. sp., left palpus, ecto-ventral view.
130. *Grammonota georgiana* n. sp., left palpus, ventral view.
131. Same, tibia of left palpus, dorsal view.
132. *Ceratinopsis sylvania* n. sp., left palpus, ventral view.
133. Same, tibia of left palpus, dorsal view.
134. *Floricomus setosus* n. sp., left palpus, ectal view.
135. *Floricomus tallulae* n. sp., left palpus, mesal view.
136. Same, cephalothorax of male, lateral view.
137. *Cornicularia dixiana* n. sp., left palpus, ectal view.
138. Same, tibia of left palpus, dorsal view.
139. *Sisicottus atypicus* n. sp., left palpus, meso-ventral view.
140. Same, tibia of left palpus, dorsal view.

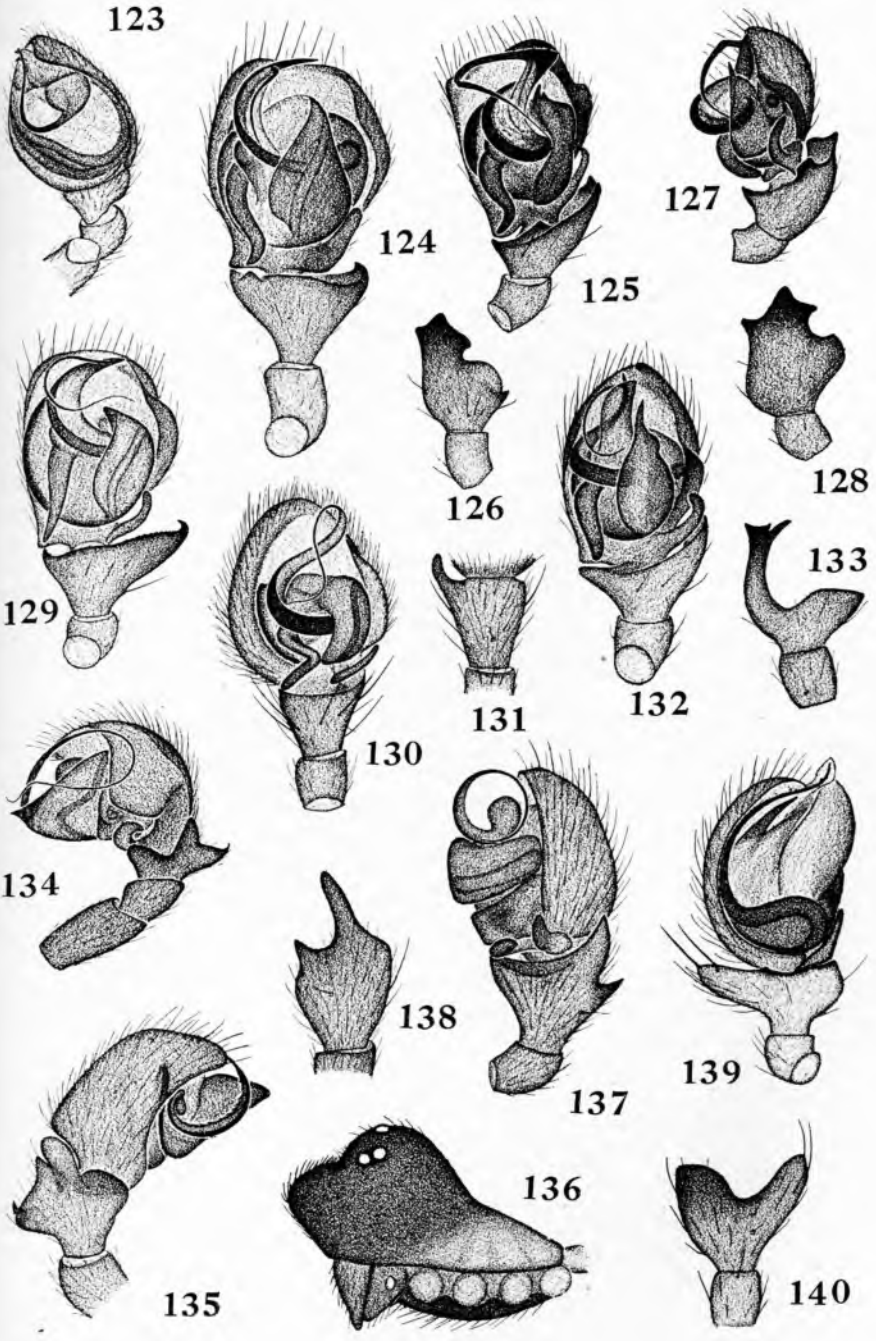
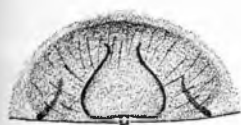


PLATE X.

141. *Anibontes longipes* n. sp., epigynum.
142. Same, left palpus, ectal view.
143. *Centromerus claytoni* n. sp., left palpus, ectal view.
144. *Meioneta semipallida* n. sp., epigynum.
145. Same, left palpus, ectal view.
146. *Meioneta minorata* n. sp., left palpus, ectal view.
147. *Meioneta leucophora* n. sp., epigynum.
148. Same, left palpus, ectal view.
149. *Meioneta zebrina* n. sp., epigynum.
150. Same, left palpus, ectal view.
151. *Meioneta picta* n. sp., left palpus, ectal view.
152. Same, epigynum.
153. *Meioneta barrowsi* n. sp., left palpus, ectal view.
154. Same, epigynum.
155. *Meioneta decorata* n. sp., left palpus, ectal view.
156. Same, epigynum.
157. *Meioneta dactylata* n. sp., left palpus, ectal view.
158. *Meioneta fuscipes* n. sp., left palpus, ectal view.
159. Same, epigynum.
160. *Meioneta imitata* n. sp., epigynum.



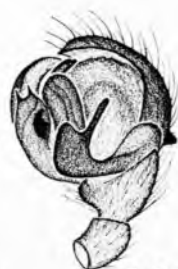
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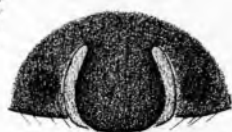
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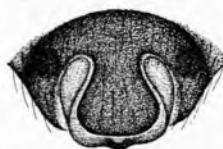
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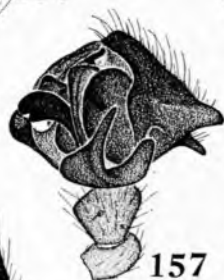
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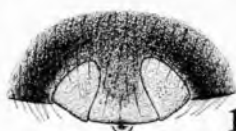
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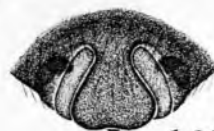
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PLATE XI.

161. *Dictyna savanna* n. sp., male.
162. Same, female.
163. Same, male, lateral view.
164. Same, body of female, ventral view.
165. Same, front of male.
166. Same, left palpus, mesal view.
167. Same, left palpus, ecto-ventral view.
168. Same, tip of embolus of left palpus.
169. Same, epigynum.

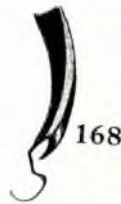
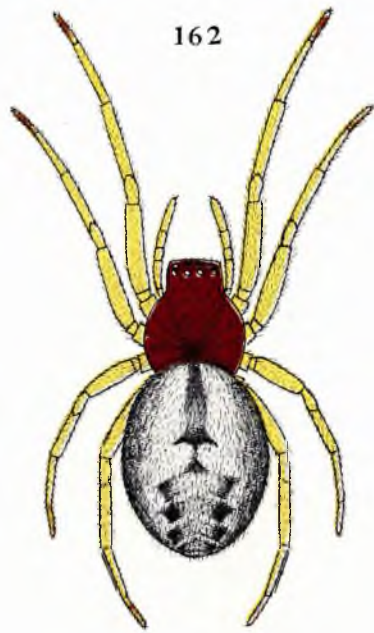
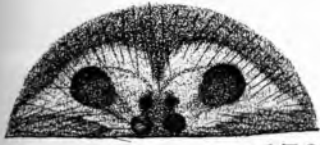


PLATE XII.

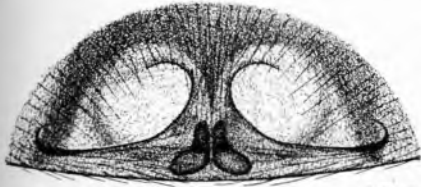
170. *Dictyna demores* n. sp., epigynum.
171. *Dictyna gloria* n. sp., epigynum.
172. *Dictyna toccoa* n. sp., epigynum.
173. *Dictyna sylvania* n. sp., left palpus, mesal view.
174. Same, left palpus, ecto-ventral view.
175. *Dictyna micro* n. sp., left palpus, dorsal view.
176. Same, left palpus, mesal view.
177. Same, epigynum.
178. *Scotolathys alba* n. sp., left palpus, ectal view.
179. Same, epigynum.
180. *Oxyopes lanceolatus* (Walckenaer), left palpus, ectal view.
181. Same, epigynum.
182. *Lathys pinea* n. sp., epigynum.
183. *Meioneta regina* n. sp., epigynum.
184. *Meioneta longipes* n. sp., epigynum.



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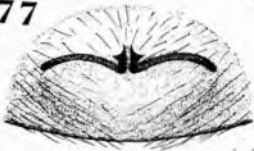


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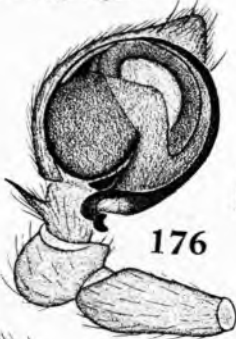
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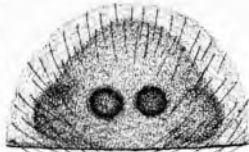
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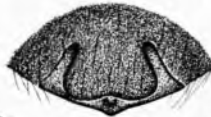
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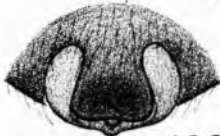
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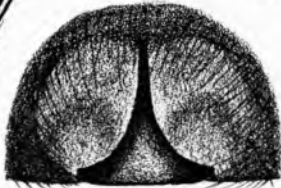
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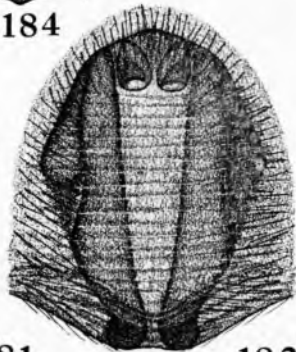
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PLATE XIII.

185. *Pardosa georgiae* n. sp., epigynum.
186. Same, left palpus, ventral view.
187. *Schizocosa crassipes* (Walckenaer), epigynum.
188. Same, left palpus, ventral view.
189. *Lycosa annexa* n. sp., epigynum.
190. *Pirata gertschi* n. sp., left palpus, ventral view.
191. Same, epigynum.
192. *Pirata sylvanus* n. sp., left palpus, ventral view.
193. Same, epigynum.
194. *Phrurotimpus annulatus* n. sp., left palpus, ectal view.
195. Same, left palpus, ventral view of tarsus.
196. Same, tip of tibial apophysis of left palpus.
197. Same, tibia of leg I, dorsal view.
198. Same, epigynum.
199. *Lycosa wallacei* n. sp., epigynum.

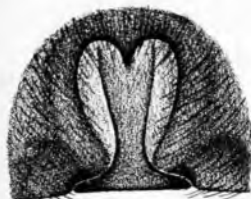
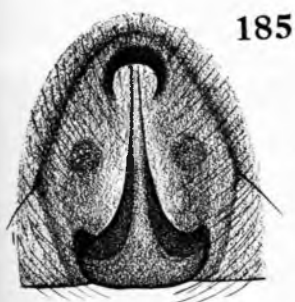
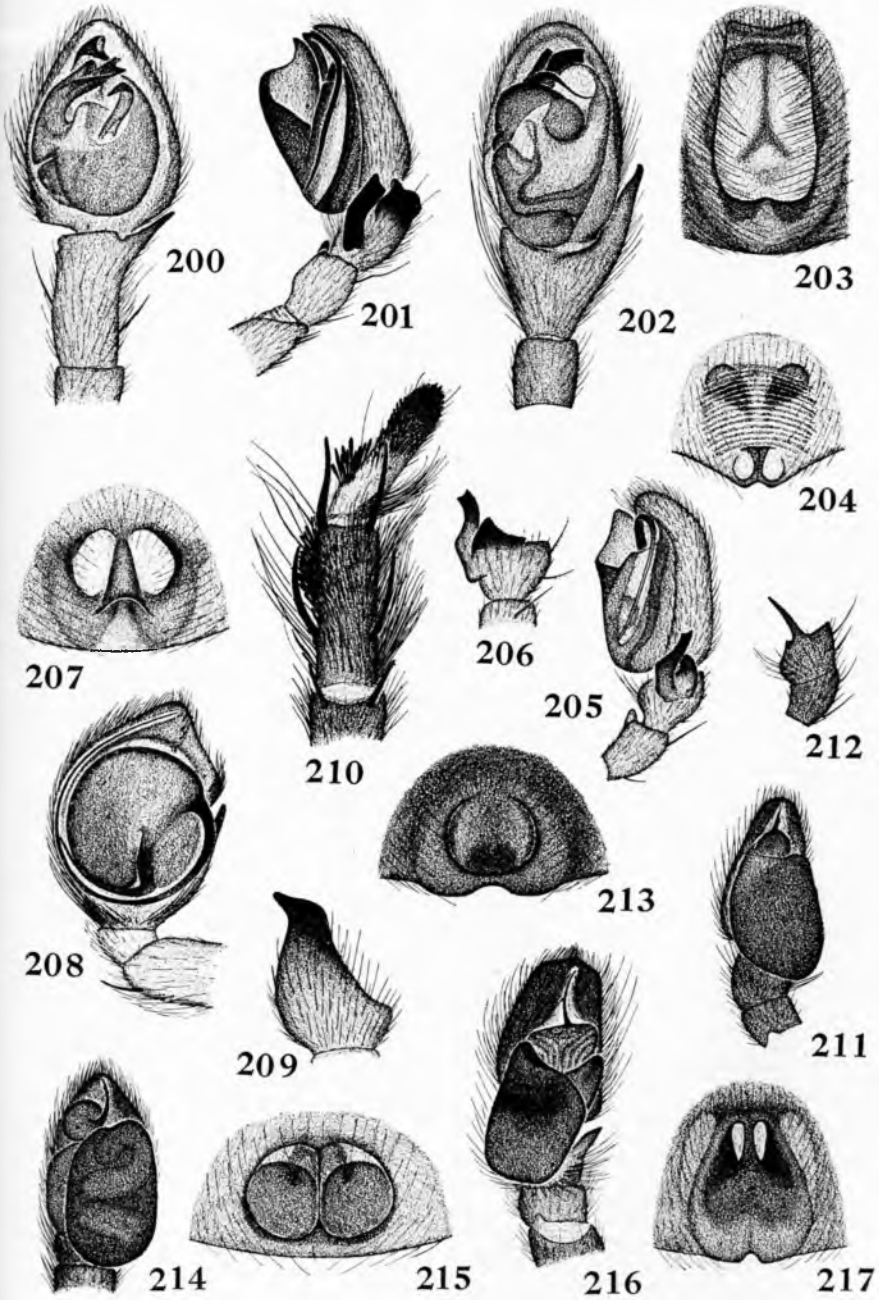


PLATE XIV.

200. *Agroeca kastoni* n. sp., left palpus, ventral view.
201. *Clubiona hilltonia* n. sp., left palpus, ectal view.
202. *Zelotes sylvanus* n. sp., left palpus, ventral view.
203. Same, epigynum.
204. *Clubiona screveni* n. sp., epigynum.
205. Same, left palpus, ectal view.
206. Same, tibia of left palpus, dorsal view.
207. *Habronattus tachypodus* n. sp., epigynum.
208. Same, left palpus, mesal view.
209. Same, tibia of left palpus.
210. Same, distal end of leg I of male, ventral view.
211. *Corythalia delicatula* Gertsch and Mulaik, left palpus, ventral view.
212. Same, tibia of left palpus, ectal view.
213. *Sitticus magnus* n. sp., epigynum.
214. *Habrocestum bufoides* n. sp., left palpus, ventral view.
215. Same, epigynum.
216. *Phidippus abboti* n. sp., left palpus, ventral view.
217. *Phidippus insidiosus* (Walckenaer), epigynum.



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