

THE SPIDERS OF ILLINOIS AND INDIANA, THEIR GEOGRAPHICAL AFFINITIES, AND AN ANNOTATED CHECKLIST

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ABSTRACT. The geographical affinities of the 586 spider species currently known from Indiana and Illinois are listed. An annotated checklist of the species is presented.

Keywords: Spiders, Illinois, Indiana, zoogeography

Although many new species have been described in recent years, and more are to be expected, the spider fauna of the United States is still rather incompletely known. The only well-known region of the country is southern New England where 611 species have been recorded by the most recent summary (Kaston 1981).

A few other areas have been sufficiently well-worked that statements about their faunas may be of significance, and here I report on one of these—Illinois and Indiana. The known spider fauna of Illinois stands at present at 550 species, that of Indiana, which has been less intensively studied, at 367. The total for the two states is 586 species (Table 1). Published checklists for these states include, for Illinois, Kaston (1955), Moulder (1966, 1992), and Beatty & Nelson (1979); for Indiana the most recent summary (Parker 1969) cites and summarizes previous publications. Probably over 600 species will eventually be recorded from Illinois and almost as many from Indiana. There are probably very few species of spiders known from either of these states that do not occur also in the other. Among the exceptions are cave-inhabiting species from Indiana, the cave region of which is somewhat isolated from that of Illinois.

Comparison of this checklist with those previously published will show many name changes and deletions. These result from recent taxonomic revisions and discovery of errors and duplications in previous publications. The names used here, in most cases, are those of the most recent revisions. For the convenience of the non-specialist, names used in

standard references are often retained, even though recent changes may have been made. Alternate names are shown in parentheses. (These names are not necessarily synonyms.) Families, genera and species are listed in alphabetical order.

Many spiders are known to have a wide distribution in eastern North America, about 75% of the Illinois-Indiana fauna having been recorded from New England (Kaston 1981). More specific distributional data are available only from records published in scattered revisionary and ecological papers. Although Moulder (1992) briefly described distributions of some common species, there has been no attempt to summarize the geographical relationships of the entire fauna.

Distributions of the species have been determined, when possible, from the most recent revision. If no recent revision exists data are taken from Kaston (1972), Richman & Cutler (1978), Roth (1988) or other sources. The geographic relationships of these spiders are discussed below and summarized in Table 2. In calculating percentages of the fauna in each geographic area, introduced species (17 species, 2.9% of the total fauna) and those whose ranges are highly restricted, poorly known or anomalous (35 species, 6.0%) are excluded. The percentages are based on the distributions of the remaining 534 species.

The criteria for placement of a species in a particular geographic region are inevitably somewhat subjective. A species here classified as "Eastern" in distribution, for example, ordinarily occurs from southern New England to southern Georgia or northern Florida, and

Table 1.—Illinois and Indiana spider families with number of species known from each state.

	Ill.	Ind.	Total
Agelenidae	20	13	21
Amaurobiidae	4	3	4
Antrodiaetidae	2	0	2
Anyphaenidae	9	5	9
Araneidae	54	36	57
Atypidae	3	1	3
Clubionidae	15	8	16
Corinnidae	11	7	11
Ctenidae	1	1	1
Ctenizidae	1	1	1?
Dictynidae	15	15	20
Dysderidae	1	1	1
Gnaphosidae	44	23	46
Hahniidae	5	3	5
Linyphiidae	81	53	94
Liocranidae	13	5	14
Loxoscelidae	2	1	2
Lycosidae	52	38	55
Mimetidae	4	3	4
Mysmenidae	2	0	2
Nesticidae	1	1	2
Oecobiidae	1	0	1
Oonopidae	1	0	1
Oxyopidae	3	1	3
Philodromidae	22	16	22
Pholcidae	2	2	2
Pisauridae	10	8	10
Salticidae	67	45	68
Scytodidae	1	1	1
Segestriidae	1	1	1
Tetragnathidae	18	16	20
Theridiidae	55	32	56
Theridiosomatidae	1	1	1
Thomisidae	24	23	26
Uloboridae	3	2	3
Zoridae	1	1	1

west to the 100th meridian (middle Kansas) or beyond. It may or may not range into peninsular Florida or northern New England. Some species might be classified in a different region by another person, but probably there would be few such changes. It is not likely that such differences of opinion would significantly alter the percentages shown in Table 2.

A checklist of Illinois and Indiana species is presented with the geographic area of occurrence of each species indicated. This list is in part a compilation. It has not been possible to examine specimens of every species included in the list. Specimens reported from either state in regional faunal lists or ecolog-

Table 2.—Summary of North American distributions of Illinois and Indiana spiders.

Area of occurrence	Number of species	Percent of total fauna
Eastern	197	36.8
Northeastern	98	18.4
Northern	85	15.9
Southeastern	73	13.6
Throughout United States	57	10.6
Western	9	1.7
Central	8	1.5
Southern	7	1.3
Uncertain	35	6.0
Introduced	17	2.9

ical publications, unless the specimens have been examined by the most recent reviser, are not necessarily correctly identified. In families that have not recently been revised in entirety (the Linyphiidae, especially) changes of names and additions or deletions of species are to be expected. Brief notes on some species are presented in the checklist.

Thirty-five Illinois species listed here have not appeared on any of the previous checklists, and five have been added to the Indiana checklists. Thirty of these have already been recorded in taxonomic revisions (25 species) or faunal lists (5 species). The others have been collected in southern Illinois during the last several years.

GEOGRAPHY

The largest component of the fauna (36.8%) consists of spiders that are distributed throughout most or all of the eastern United States (and often range into Canada or Mexico). Many of these species reach their western limit at or about the 100th meridian of longitude (Fig. 1), but their distributional limits often do not coincide closely with each other. Some of the eastern species extend across the plains to the base of the Rocky Mountains; others are not known from the northeastern or southeastern extremities of the region. Some have outliers in the west, often in the mountains of Utah or neighboring states (Fig. 2), or in Pacific Coast states (Fig. 3).

The non-coincidence of distributions is probably attributable mostly to differences in species tolerances to various climatic conditions, especially temperature and humidity



Figure 1.—An example of an eastern distribution pattern. This is *Theridion glaucescens* Becker (Theridiidae).

(desiccation rate may be more important than humidity itself). The disjunct ranges of some species may have several causes: survival in refugia, recent introductions, failure to recognize separate populations as different species, lack of collecting in intervening areas or, rarely, incorrect locality labels. The presence of disjunct populations of eastern species in western mountains is frequent (Fig. 2), and consistent with the hypothesis that they originally had a wider distribution, which became restricted as a result of climatic changes. Oth-



Figure 2.—An example of an eastern distribution pattern, with disjunct populations in western mountains. This is *Mimetus notius* Chamberlin (Mimetidae).



Figure 3.—An example of an eastern distribution, with additional populations in Pacific states. The species shown is *Argiope aurantia* Lucas (Araneidae).

er hypotheses, such as introduction and dispersal, seem less probable.

The second largest group of species (18.4%) has a northeastern distribution, the southern limit of which varies but often lies about at the latitude of North Carolina, somewhat further south than the southern tip of Illinois (Fig. 4). Northern species, reaching their southern limit in northern or central Illinois, compose 15.9% of the fauna, southeastern species 13.6%. Southeastern species are often at or near their northwestern range limit in the southern tip of Illinois (Fig. 5). This sort of distribution is well known for a number of other groups of organisms found, in Illinois, chiefly in the small area of Gulf Coastal Plain



Figure 4.—An example of a northeastern distribution pattern. The species shown is *Sphodros niger* (Hentz) (Atypidae).



Figure 5.—An example of southeastern distribution pattern. The species shown is *Dolichognatha pentagona* (Hentz) (Tetragnathidae).

that extends into the southern part of the state (DeCosta 1964; Ross 1944; Smith 1961). Ranges of these species may extend in a narrow coastal strip to southern New England under the moderating influence of the Atlantic.

Species found throughout all or most of the United States (Fig. 6) make up 10.6% of the fauna. These may show gaps in their occurrence, not always readily explainable. Some are absent from much of the arid southwest, others from the upper central region, the extreme northeast or extreme southeast. Such distributions are probably largely a result of climatic conditions, perhaps in conjunction with competition by closely-related species. Other influences are probably involved, also, especially lack of collecting in the upper midwest. The remaining three groups contribute little to the total fauna, nine species (1.7%) are predominantly western, eight (1.5%) are central, mostly south central, and seven (1.3%) are southern.

The very small proportion of western and central species suggests that more intensive collecting needs to be done in the little remaining prairie habitat of the states. Perhaps western species were never a significant part of the area's fauna, or they may have been extirpated by destruction of prairie habitats; but some may simply not have been collected.

Seventeen largely synanthropic species are regarded as introduced, primarily from Europe. The only Illinois-Indiana species of the families Dysderidae, Oecobiidae, Pholcidae and Scytodidae are among these. Thirty-five species are so poorly known that their ranges



Figure 6.—An example of a distribution pattern where the species is found throughout the United States. The species shown is *Neoscona arabesca* (Walckenaer) (Araneidae).

are not determinable. Four of these species, *Ummidia tuobita*, *Ceratinopsis xanthippe*, *C. yola* and *Pirata triens*, are known only from Illinois. They will probably prove to have wider distributions, or to be synonyms of other species.

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Appendix I.—Checklist of Illinois and Indiana spiders with their areas of distribution in North America. The families and species are listed alphabetically.

	Distribution	Illinois	Indiana
Agelenidae (including part of Amaurobiidae, Cybaeidae, Dictynidae & Hahnidae)			
<i>Agelenopsis emertoni</i> Chamberlin & Ivie	Eastern	X	
<i>Agelenopsis kastoni</i> Chamberlin & Ivie	Northeastern	X	
<i>Agelenopsis naevia</i> (Walckenaer)	Eastern	X	X
<i>Agelenopsis pennsylvanica</i> (C.L. Koch)	Northern	X	X
<i>Agelenopsis potteri</i> (Blackwall)	Northern	X	
<i>Agelenopsis utahana</i> (Ch. & Ive.)	Northern	X	X
<i>Calymmaria cavicola</i> (Banks)	Southeastern	X	X
<i>Cicurina arcuata</i> (= <i>Cicurina robusta</i>)	Eastern	X	X
<i>Cicurina brevis</i> (Emerton)	Northeastern	X	X
<i>Cicurina cavealis</i> Bishop & Crosby	Uncertain	X	
<i>Cicurina ludoviciana</i> Simon	Central	X	
<i>Cicurina pallida</i> Keyserling	Northeastern	X	X
<i>Cicurina placida</i> Banks	Northeastern	X	
<i>Coras juvenilis</i> (Keyserling) (= <i>Coelotes juvenilis</i>)	Northeastern	X	X
<i>Coras lamellosus</i> (Keyserling)	Eastern	X	X
<i>Coras medicinalis</i> (Hentz)	Eastern	X	X
<i>Coras taugynus</i> Chamberlin	Southeastern	X	
<i>Cybaeus giganteus</i> Banks (= <i>C. silicis</i>)	Uncertain	X	
<i>Tegenaria domestica</i> (Clerck)	Introduced	X	X
<i>Wadotes calcaratus</i> (Keyserling)	Northeastern	X	X
<i>Wadotes hybridus</i> (Emerton)	Northeastern		X
Amaurobiidae (including Titanoecidae)			
<i>Amaurobius bennetti</i> (Blackwall) (= <i>Callobius bennetti</i>)	Northeastern	X	X
<i>Amaurobius ferox</i> (Walckenaer)	Introduced	X	X
<i>Titanoeca americana</i> Emerton	Eastern	X	X
<i>Titanoeca brunnea</i> Emerton	Eastern	X	
Antrodiaetidae			
<i>Antrodiaetus unicolor</i> (Hentz)	Eastern	X	
<i>Atypoides hadros</i> Coyle	Uncertain	X	
This species is known only from localities in southern Illinois and southeastern Missouri (Coyle 1968 and personal comm.) The only other species of the genus occur from central California to Oregon. A similar distribution is recorded (Shear 1969) for the millipede genus <i>Ergodesmus</i> which includes one species from Illinois (formerly in the genus <i>Ectopodesmus</i>), one in the Pacific Northwest and one in Mexico. This has been described as a relict distribution (Hoffman 1962).			
Anyphaenidae			
<i>Anyphaena celer</i> (Hentz)	Eastern	X	X
<i>Anyphaena fraterna</i> (Banks)	Eastern	X	X
<i>Anyphaena maculata</i> (Banks)	Southeastern	X	
<i>Anyphaena pectorosa</i> L. Koch	Eastern	X	X
<i>Aysha (Hibana) cambridgei</i> Bryant	Central	X	
<i>Aysha (Hibana) gracilis</i> (Hentz)	Eastern	X	X
<i>Oxysoma cubanum</i> Banks	Eastern	X	
<i>Wulfilia albens</i> (Hentz)	Southeastern	X	
<i>Wulfilia saltabundus</i> (Hentz)	Eastern	X	X
Araneidae			
<i>Acacesia hamata</i> (Hentz)	Southeastern	X	X
<i>Acanthepeira cherokee</i> Levi	Southeastern	X	
<i>Acanthepeira marion</i> Levi	Southeastern	X	
<i>Acanthepeira stellata</i> (Marx)	Eastern	X	X
<i>Araneus bicentenarios</i> (McCook)	Eastern	X	X
<i>Araneus bonsallae</i> (McCook)	Eastern	X	

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Araneus cingulatus</i> (Walckenaer)	Southeastern	X	
<i>Araneus corticarius</i> (Emerton)	Northern		X
<i>Araneus gemmoides</i> Chamberlin & Ivie	Western	X	
<i>Araneus guttulatus</i> (Walckenaer)	Eastern	X	
<i>Araneus juniperi</i> (Emerton) (<i>Conepeira juniperi</i>)	Eastern	X	
<i>Araneus marmoreus</i> Clerck	Throughout	X	X
<i>Araneus niveus</i> (Hentz)	Southeastern	X	
<i>Araneus partitus</i> (Walckenaer) (<i>Conepeira miniata</i>)	Southeastern	X	
<i>Araneus pegnia</i> (Walckenaer) (<i>Neosconella pegnia</i>)	Eastern	X	X
<i>Araneus pratensis</i> (Emerton) (<i>Singa pratensis</i>)	Eastern	X	X
<i>Araneus saevus</i> (L. Koch) (<i>A. solitarius</i>)	Northern	X	
<i>Araneus thaddeus</i> (Hentz) (<i>Neosconella thaddeus</i>)	Eastern	X	X
<i>Araneus trifolium</i> (Hentz)	Northern	X	X
<i>Araniella displicata</i> (Hentz)	Throughout	X	X
<i>Argiope aurantia</i> Lucas	Eastern	X	X
<i>Argiope trifasciata</i> (Forsk.)	Throughout	X	X
<i>Cercidia prominens</i> (Westring)	Introduced	X	
<i>Cyclosa conica</i> (Pallas)	Throughout	X	
<i>Cyclosa turbinata</i> (Walckenaer)	Throughout	X	X
<i>Eustala anastera</i> (Walckenaer)	Throughout	X	X
<i>Eustala cepina</i> (Walckenaer)	Eastern	X	X
<i>Eustala emertoni</i> (Banks)	Southeastern	X	
<i>Gea heptagon</i> (Hentz) (<i>Gea ergaster</i>)	Southeastern	X	
<i>Hypsosinga funebris</i> (Keyserling)	Throughout	X	
<i>Hypsosinga pygmaea</i> (Sundevall) (<i>Singa variabilis</i>)	Northern	X	X
<i>Hypsosinga rubens</i> (Hentz) (<i>Singa nigripes</i>)	Eastern	X	X
<i>Larinia borealis</i> Banks	Throughout	X	
<i>Mangora gibberosa</i> (Hentz)	Eastern	X	X
<i>Mangora maculata</i> (Keyserling) (<i>Mangora ornata</i>)	Eastern	X	X
<i>Mangora placida</i> (Hentz)	Eastern	X	X
<i>Mastophora bisaccata</i> (Emerton)	Eastern	X	X
<i>Mastophora cornigera</i> (Hentz)	Southern		X
<i>Mastophora hutchinsoni</i> Gertsch	Northeastern	X	
<i>Mastophora phrynosoma</i> Gertsch	Northeastern	X	
<i>Metazygia calix</i> (Walckenaer) (<i>Alpaida calix</i>)	Southeastern	X	
<i>Metepeira labyrinthea</i> (Hentz)	Eastern	X	X
<i>Micrathena gracilis</i> (Walckenaer)	Eastern	X	X
<i>Micrathena mitrata</i> (Hentz)	Eastern	X	X
<i>Micrathena sagittata</i> (Walckenaer)	Eastern	X	X
<i>Neoscona arabesca</i> (Walckenaer)	Throughout	X	X
<i>Neoscona crucifera</i> (Lucas) (<i>N. sacra</i> , <i>N. hentzii</i>)	Eastern	X	X
<i>Neoscona domiciliorum</i> (Hentz)	Eastern	X	X
<i>Neoscona oaxacensis</i> (Keyserling)	Western		X
<i>Neoscona pratensis</i> (Hentz)	Eastern	X	X
<i>Nuctenea</i> (<i>Larinioides</i>) <i>cornuta</i> (Clerck) (<i>Araneus cornutus</i>)	Throughout	X	X
<i>Nuctenea</i> (<i>Larinioides</i>) <i>patagiata</i> (Clerck) (<i>Araneus patagiatus</i>)	Northern	X	X
<i>Nuctenea</i> (<i>Larinioides</i>) <i>schlopetaria</i> (Clerck) (<i>Araneus sericatus</i> , <i>Nuctenea sericata</i>)	Northern	X	X
<i>Ocrepeira ectypa</i> (Walckenaer) (<i>Wixia anaglyphe</i>)	Eastern	X	X
<i>Singa eugeni</i> Levi	Northeastern	X	
<i>Singa keyserlingi</i> McCook	Northeastern	X	
<i>Verrucosa arenata</i> (Walckenaer)	Eastern	X	X
Atypidae			
<i>Sphodros atlanticus</i> Gertsch & Platnick	Uncertain	X	
<i>Sphodros niger</i> (Hentz) (<i>Atypus milberti</i>)	Northeastern	X	X

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Sphodros rufipes</i> (Latreille)	Southeastern	X	
Clubionidae s. str.			
<i>Cheiracanthium inclusum</i> (Hentz)	Throughout	X	X
<i>Cheiracanthium mildei</i> L. Koch	Introduced	X	
<i>Clubiona abbotii</i> L. Koch	Eastern	X	X
<i>Clubiona bryantae</i> Gersch	Northern	X	
<i>Clubiona catawba</i> Gertsch	Southeastern	X	
<i>Clubiona johnsoni</i> Gertsch	Northeastern	X	
<i>Clubiona kastoni</i> Gertsch	Northern	X	
<i>Clubiona maritima</i> L. Koch (<i>C. tibialis</i>)	Eastern	X	X
<i>Clubiona moesta</i> Banks	Northern	X	
<i>Clubiona obesa</i> Hentz	Northeastern	X	X
<i>Clubiona pygmaea</i> Banks	Eastern	X	X
<i>Clubiona rileyi</i> Gertsch	Northeastern		X
<i>Clubiona riparia</i> L. Koch	Northern	X	X
<i>Clubiona saltitans</i> Emerton	Eastern	X	
<i>Clubionoides</i> (<i>Elaver</i>) <i>excepta</i> (L. Koch) (<i>Clubiona pallens</i>)	Eastern	X	X
<i>Strotarchus piscatorius</i> (Hentz)	Southeastern	X	
Corinnidae (Clubionidae s. lat.)			
<i>Castianeira alata</i> Muma	Uncertain	X	
<i>Castianeira amoena</i> (C.L. Koch)	Southeastern	X	
<i>Castianeira cingulata</i> (C.L. Koch)	Eastern	X	X
<i>Castianeira crocata</i> (Hentz)	Southeastern	X	X
<i>Castianeira descripta</i> (Hentz)	Eastern	X	X
<i>Castianeira gertschi</i> Kaston	Eastern	X	
<i>Castianeira longipalpa</i> (Hentz)	Throughout	X	X
<i>Castianeira trilineata</i> (Hentz)	Eastern	X	X
<i>Castianeira variata</i> Gertsch	Eastern	X	
<i>Meriola decepta</i> Banks (<i>Trachelas deceptus</i>)	Southern	X	X
<i>Trachelas tranquillus</i> (Hentz) (<i>T. ruber</i>)	Eastern	X	X
Ctenidae			
<i>Anahita punctulata</i> (Hentz) (<i>A. animosa</i>)	Southeastern	X	X
Ctenizidae			
<i>Ummidia tuobita</i> (Chamberlin)	Uncertain	X	X?
Kaston gives the type locality as Salem, Illinois. The only mention of Salem in the original description of the species refers to the Peabody Academy of Science in Salem, Massachusetts.			
Dictynidae			
<i>Argenna obesa</i> Emerton	Northern	X	
<i>Dictyna angulata</i> Emerton	Northeastern		X
<i>Dictyna annulipes</i> (Blackwall)	Northern	X	X
<i>Dictyna bellans</i> Chamberlin (<i>D. longispina</i>)	Central	X	
<i>Dictyna bicornis</i> Emerton	Eastern	X	X
<i>Dictyna bostoniensis</i> Emerton	Northern	X	X
<i>Dictyna coloradensis</i> Chamberlin	Throughout	X	X
<i>Dictyna cruciata</i> Emerton	Eastern	X	X
<i>Dictyna foliacea</i> (Hentz)	Eastern	X	X
<i>Dictyna formidolosa</i> Gertsch & Ivie	Eastern	X	X
<i>Dictyna hentzi</i> Kaston	Northeastern	X	
<i>Dictyna manitoba</i> Ivie	Western	X	
<i>Dictyna maxima</i> Banks	Northeastern		X
<i>Dictyna minuta</i> Emerton	Northern	X	X
<i>Dictyna sublata</i> (Hentz)	Eastern	X	X
<i>Dictyna volucripes</i> Keyserling	Eastern	X	X

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Lathys foxii</i> (Marx)	Northeastern		X
<i>Lathys immaculata</i> (Chamberlin & Ivie)	Eastern	X	
<i>Lathys maculina</i> Gertsch	Northeastern		X
<i>Lathys pallida</i> (Marx)	Southeastern		X
Dysderidae			
<i>Dysdera crocata</i> C.L. Koch	Introduced	X	X
Gnaphosidae			
<i>Callilepis imbecilla</i> (Keyserling)	Southeastern	X	X
<i>Callilepis pluto</i> Banks	Northern	X	
<i>Cesonia bilineata</i> (Hentz)	Eastern	X	X
<i>Drassodes neglectus</i> (Keyserling)	Northern	X	X
<i>Drassodes saccatus</i> (Emerton) (<i>D. robinsoni</i>)	Throughout	X	
<i>Drassyllus aprilius</i> (Banks)	Eastern	X	X
<i>Drassyllus covensis</i> Exune	Southeastern	X	
<i>Drassyllus creolus</i> Chamberlin & Gertsch	Eastern	X	X
<i>Drassyllus depressus</i> (Emerton)	Northern	X	X
<i>Drassyllus dixinus</i> Chamberlin	Southeastern	X	
<i>Drassyllus eremitus</i> Chamberlin (<i>D. emeritus</i>)	Eastern	X	
<i>Drassyllus fallens</i> Chamberlin	Northeastern	X	
<i>Drassyllus frigidus</i> (Banks)	Eastern	X	
<i>Drassyllus lepidus</i> (Banks)	Southern	X	
<i>Drassyllus niger</i> (Banks)	Northern	X	
<i>Drassyllus novus</i> (Banks) (<i>D. virginianus</i>)	Eastern	X	X
<i>Drassyllus rufulus</i> (Banks)	Eastern	X	X
<i>Gnaphosa fontinalis</i> Keyserling	Eastern	X	
<i>Gnaphosa sericata</i> (L. Koch)	Eastern	X	X
<i>Haplodrassus bicornis</i> (Emerton)	Northern	X	X
<i>Haplodrassus mimus</i> Chamberlin	Eastern	X	
<i>Haplodrassus signifer</i> (C.L. Koch)	Throughout	X	X
<i>Herpyllus ecclesiasticus</i> Hentz (<i>H. vasifer</i>)	Eastern	X	X
<i>Litopyllus temporarius</i> Chamberlin (<i>L. rupicolens</i>)	Eastern	X	X
<i>Micaria delicatula</i> Bryant? (<i>M. aurata</i>)	Uncertain	X	
Reported only from eastern seaboard states by Platnick & Shadab (1988). The identity of the species recorded from Illinois as <i>M. aurata</i> has been confused in the past. Specimens called by this name are now assigned to two different species. Illinois specimens must be re-examined to determine their identity.			
<i>Micaria elizabethae</i> Gertsch	Northeastern		X
<i>Micaria laticeps</i> Emerton	Northern	X	
<i>Micaria longipes</i> Emerton	Throughout	X	
<i>Micaria pulicaria</i> (Sundevall)	Throughout	X	
<i>Nodocion floridanus</i> (Banks)	Eastern		X
<i>Sergiolus capulatus</i> (Walckenaer) (<i>S. variegatus</i>)	Eastern	X	X
<i>Sergiolus decoratus</i> Kaston	Southeastern	X	
<i>Sergiolus minutus</i> (Banks)	Southeastern	X	
<i>Sergiolus montanus</i> (Emerton)	Throughout	X	X
<i>Sergiolus ocellatus</i> (Walckenaer)	Eastern	X	
<i>Sergiolus tennesseensis</i> Chamberlin	Northeastern	X	X
<i>Sosticus insularis</i> (Banks)	Eastern	X	X
<i>Sosticus loricatus</i> (L. Koch) (<i>Sostogeus zygethus</i>)	Northern	X	
<i>Synaphosus paludis</i> (Chamberlin & Gertsch)	Southeastern	X	
Ovtsharenko et al. (1994) state that this species does not belong to the genus <i>Synaphosus</i> , but that it can not yet be placed in any other genus. They also suggest it is introduced, possibly from Africa.			
<i>Talanites exlineae</i> (Platnick & Shadab) (<i>Rachodrassus exlineae</i>)	Southeastern	X	
<i>Trachyzelotes lyonnети</i> (Audouin)	Introduced	X	

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Urozelotes rusticus</i> (L. Koch) (<i>Drassylus rusticus</i> , <i>Haplodrassus magister</i>)	Introduced	X	
<i>Zelotes duplex</i> Chamberlin	Eastern	X	X
<i>Zelotes fratris</i> Chamberlin (<i>Z. subterraneus</i>)	Northern	X	X
<i>Zelotes hentzi</i> Barrows	Throughout	X	X
<i>Zelotes laccus</i> (Barrows)	Eastern	X	X
Hahniidae			
<i>Antistea brunnea</i> (Emerton)	Northern	X	
<i>Hahnina cinerea</i> Emerton	Throughout	X	X
<i>Hahnina flaviceps</i> Emerton	Southeastern	X	
<i>Neoantistea agilis</i> (Keyserling)	Throughout	X	X
<i>Neoantistea magna</i> (Keyserling) (<i>N. riparia</i>)	Northern	X	X
Linyphiidae			
<i>Bathyphantes alboventris</i> (Banks)	Northeastern	X	
<i>Bathyphantes</i> (<i>Diplostyla</i>) <i>concolor</i> (Wider)	Northern	X	X
<i>Bathyphantes pallidus</i> (Banks)	Northern	X	X
<i>Bathyphantes weyeri</i> (Emerton)	Northeastern		X
<i>Centromerus cornupalpis</i> (O.P.-Cambridge)	Northeastern	X	X
<i>Centromerus latidens</i> (Emerton)	Northeastern	X	X
<i>Ceraticelus atriceps</i> (O.P.-Cambridge)	Northern	X	
<i>Ceraticelus bulbosus</i> (Emerton)	Northern	X	
<i>Ceraticelus creolus</i> Chamberlin	Southeastern	X	
<i>Ceraticelus emertoni</i> (O.P.-Cambridge)	Northeastern	X	X
<i>Ceraticelus fissiceps</i> (O.P.-Cambridge)	Northern	X	X
<i>Ceraticelus laetabilis</i> (O.P.-Cambridge)	Northeastern	X	
<i>Ceraticelus laetus</i> (O.P.-Cambridge)	Northeastern		X
<i>Ceraticelus limnologicus</i> Crosby & Bishop	Eastern	X	X
<i>Ceraticelus micropalpis</i> (Emerton)	Northeastern	X	
<i>Ceraticelus minutus</i> (Emerton)	Northeastern	X	X
<i>Ceraticelus similis</i> (Banks)	Northeastern	X	
<i>Ceratinella brunnea</i> Emerton	Northeastern	X	X
<i>Ceratinops rugosus</i> (Emerton)	Northeastern	X	X
<i>Ceratinopsidis formosa</i> (Banks)	Northeastern	X	
<i>Ceratinopsis</i> (<i>Tutaibo</i>) <i>anglicana</i> (Hentz)	Southeastern	X	X
<i>Ceratinopsis interpres</i> (O.P.-Cambridge)	Eastern		X
<i>Ceratinopsis laticeps</i> Emerton	Northeastern	X	
<i>Ceratinopsis nigriceps</i> Emerton	Northeastern	X	
<i>Ceratinopsis nigripalpis</i> Emerton (<i>C. tarsalis</i>)	Northeastern	X	
<i>Ceratinopsis purpurescens</i> (Keyserling) (<i>C. styloctetor</i>)	Eastern	X	
<i>Ceratinopsis sutoris</i> Bishop & Crosby	Southeastern	X	
<i>Ceratinopsis xanthippe</i> (Keyserling)	Uncertain	X	
<i>Ceratinopsis yola</i> Chamberlin & Ivie	Uncertain	X	
<i>Diplocentria bidentata</i> (Emerton) (<i>Scotoussa bidentata</i>)	Northern	X	
<i>Eperigone antraea</i> (Crosby)	Uncertain	X	
Recorded only from the Southwest and Mexico by Millidge (1987). Illinois specimens possibly misidentified.			
<i>Eperigone eschatologica</i> Crosby	Southern	X	
<i>Eperigone fradeorum</i> (Berland)	Southeastern	X	
<i>Eperigone maculata</i> (Banks)	Eastern	X	
<i>Eperigone tridentata</i> (Emerton)	Eastern	X	X
<i>Eperigone trilobata</i> (Emerton)	Throughout	X	
<i>Eperigone undulata</i> (Emerton) (<i>E. contorta</i> ?)	Northern	X	X
Millidge (1987) reports this species only from Canada and the northern tier of states of the U.S. Identity of Illinois and Indiana specimens should be rechecked.			

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Eridantes erigonoides</i> (Emerton)	Northeastern	X	X
<i>Erigone aletris</i> Crosby & Bishop	Northern		X
<i>Erigone atra</i> Blackwall	Northeastern	X	X
<i>Erigone autumnalis</i> Emerton	Eastern	X	X
<i>Erigone blaesa</i> Crosby & Bishop	Northern	X	X
<i>Erigone dentigera</i> O.P.-Cambridge	Eastern	X	X
<i>Erigone infernalis</i> Keyserling	Uncertain	X	X
<i>Floricomus plumalis</i> (Crosby)	Northeastern	X	
<i>Floricomus rostratus</i> (Emerton)	Northeastern	X	
<i>Florinda coccinea</i> (Hentz)	Southeastern	X	X
<i>Frontinella communis</i> (Hentz)	Throughout	X	X
<i>Glyphesis scopulifera</i> (Emerton)	Northeastern	X	
<i>Gonatium crassipalpus</i> Bryant (<i>Gonatium rubens</i>)	Northern	X	
<i>Goneatara platyrhinus</i> (Crosby & Bishop)	Eastern		X
<i>Grammonota inornata</i> Emerton	Northeastern	X	X
<i>Grammonota pictilis</i> (O.P.-Cambridge)	Northeastern	X	
<i>Graphomoa theridioides</i> Chamberlin	Southeastern	X	
<i>Halorates</i> (<i>Collinsia</i>) <i>oxypaederotipa</i> (Crosby)	Northeastern		X
<i>Halorates</i> (<i>Collinsia</i>) <i>plumosa</i> (Emerton)	Northern	X	X
<i>Hypselistes florens</i> (O.P.-Cambridge)	Northeastern	X	X
<i>Islandiana flaveola</i> (Banks)	Northern	X	
<i>Islandiana longisetosa</i> (Emerton)	Northeastern	X	X
<i>Lepthyphantes</i> (<i>Megalepthyphantes</i>) <i>nebulosa</i> (Sundevall)	Northeastern	X	X
<i>Lepthyphantes</i> (<i>Tenuiphantes</i>) <i>sabulosus</i> (Keyserling)	Eastern	X	
<i>Lepthyphantes</i> (<i>Tenuiphantes</i>) <i>zebra</i> (Emerton)	Northern		X
<i>Linyphia</i> (<i>Neriene</i>) <i>clathrata</i> Sundevall	Northeastern	X	X
<i>Linyphia</i> (<i>Microlinyphia</i>) <i>mandibulata</i> Emerton	Northern	X	X
<i>Linyphia</i> (<i>Neriene</i>) <i>radiata</i> Walckenaer (<i>L. marginata</i>)	Eastern	X	X
<i>Linyphia</i> (<i>Neriene</i>) <i>variabilis</i> Banks (<i>Linyphia maculata</i>)	Eastern	X	X
<i>Meioneta evadens</i> (Chamberlin)	Uncertain	X	
<i>Meioneta fabra</i> (Keyserling)	Uncertain	X	X
<i>Meioneta micaria</i> (Emerton)	Eastern	X	X
<i>Meioneta unimaculata</i> (Banks)	Eastern	X	X
<i>Microneta viaria</i> (Blackwall)	Northern	X	
<i>Montilaira probata</i> (O.P.-Cambridge)	Uncertain		X
<i>Mythoplastoides exiguus</i> (Banks)	Northeastern		X
<i>Oedothorax montifer</i> (Emerton)	Northeastern		X
<i>Origanates rostratus</i> (Emerton)	Eastern	X	X
<i>Paracornicularia bicapillata</i> Crosby & Bishop	Central	X	
<i>Pelecopsis bishopi</i> Kaston	Uncertain		X
<i>Phanetta subterranea</i> Emerton	Eastern	X	X
<i>Pityohyphantes costatus</i> (Hentz)	Northern	X	X
<i>Porrhomma cavernicola</i> (Keyserling)	Uncertain	X	X
<i>Satlatlas arenarius</i> (Emerton) (<i>Minyriolus arenarius</i>)	Northeastern	X	
<i>Scylaceus pallidus</i> (Emerton) (<i>S. pallas</i>)	Northeastern	X	X
<i>Souessoula parva</i> (Banks)	Southeastern	X	
<i>Stemonyphantes blauveltiae</i> Gertsch	Northern	X	X
<i>Tapinopa bilineata</i> Banks	Eastern	X	
<i>Tennesseeellum formica</i> (Emerton)	Northern	X	X
<i>Tmeticus ornatus</i> (Emerton)	Northeastern	X	
<i>Walckenaeria brevicornis</i> (Emerton) (<i>Cornicularia brevicornis</i>)	Northeastern	X	
<i>Walckenaeria communis</i> (Emerton) (<i>Cornicularia communis</i>)	Northern	X	

Millidge's revision of *Walckenaeria* (1983) does not include records of this species from Illinois, but its presence in the state is to be expected. Millidge did not have access to specimens from all U.S. collections, so probably did not see those on which the Illinois records were based.

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Walckenaeria directa</i> (O.P.-Cambridge) (<i>Cornicularia directa</i>)	Northern	X	
<i>Walckenaeria indirecta</i> (O.P.-Cambridge) (<i>Cornicularia indirecta</i>)	Northeastern	X	
<i>Walckenaeria (Cornicularia) minuta</i> (Emerton)	Northeastern		X
<i>Walckenaeria spiralis</i> (Emerton) (<i>W. vigilax</i>)	Northeastern	X	
<i>Walckenaeria subdirecta</i> Millidge	Eastern	X	X
Liocranidae			
<i>Agroeca minuta</i> Banks	Northeastern	X	
<i>Agroeca pratensis</i> Emerton	Northern		X
<i>Phrurotimpus alarius</i> (Hentz)	Eastern	X	X
<i>Phrurotimpus borealis</i> (Emerton)	Northern	X	X
<i>Phrurotimpus emertoni</i> (Gertsch) (<i>Scotinella emertoni</i>)	Uncertain	X	
<i>Phrurotimpus illudens</i> Gertsch	Uncertain	X	
<i>Phrurotimpus minutus</i> (Banks)	Northern	X	X
<i>Scotinella delicatula</i> (Gertsch)	Uncertain	X	
<i>Scotinella formica</i> (Banks)	Northeastern	X	
<i>Scotinella fratrella</i> (Gertsch)	Eastern	X	
<i>Scotinella goodnighti</i> (Muma)	Uncertain	X	
<i>Scotinella pugnata</i> (Emerton)	Northern	X	
<i>Scotinella redempta</i> (Gertsch)	Southeastern	X	
<i>Scotinella similis</i> (Banks)	Northeastern	X	X
Loxoscelidae (Sicariidae)			
<i>Loxosceles reclusa</i> Gertsch & Mulaik	Central	X	X
<i>Loxosceles rufescens</i> (DuFour)	Introduced	X	
Lycosidae			
<i>Allocosa funerea</i> (Hentz) (<i>Arctosa funerea</i>)	Eastern	X	X
<i>Allocosa noctuabunda</i> (Montgomery)	Southeastern		X
<i>Allocosa sublata</i> (Montgomery)	Northeastern		X
<i>Arctosa emertoni</i> Gertsch	Northern	X	X
<i>Arctosa littoralis</i> (Hentz)	Throughout	X	X
<i>Arctosa rubicunda</i> (Keyserling)	Northern		X
<i>Geolycosa missouriensis</i> (Banks)	Central	X	X
<i>Geolycosa wrightii</i> (Emerton)	Northern	X	X
<p>The application of the generic name <i>Lycosa</i> to North American species is questionable. The name is retained here, used in the broad sense, (including species currently listed under <i>Gladicosa</i>, <i>Hogna</i> and <i>Rabidosia</i>) until revisionary work currently in progress is published.</p>			
<i>Lycosa aspersa</i> Hentz	Eastern	X	X
<i>Lycosa baltimoriana</i> (Keyserling)	Northern	X	X
<i>Lycosa carolinensis</i> Walckenaer	Throughout	X	X
<i>Lycosa frondicola</i> Emerton	Northeastern	X	X
<i>Lycosa georgicola</i> Walckenaer	Southeastern	X	X
<i>Lycosa gulosa</i> Walckenaer	Eastern	X	X
<i>Lycosa helluo</i> Walckenaer	Eastern	X	X
<i>Lycosa hentzi</i> Banks	Southeastern	X	
<i>Lycosa pulchra</i> (Keyserling)	Southeastern	X	
<i>Lycosa punctulata</i> Hentz	Eastern	X	X
<i>Lycosa rabida</i> Walckenaer	Eastern	X	X
<i>Pardosa distincta</i> (Blackwall)	Uncertain	X	
<i>Pardosa fuscata</i> (Thorell)	Northern	X	X
<i>Pardosa lapidicina</i> Emerton	Northeastern	X	X
<i>Pardosa milvina</i> (Hentz)	Northeastern	X	X

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Pardosa modica</i> (Blackwall)	Northern	X	X
<i>Pardosa moesta</i> Banks	Northern	X	X
<i>Pardosa saxatilis</i> (Hentz)	Northeastern	X	
<i>Pardosa xerampelina</i> (Keyserling)	Northern	X	X
<i>Pirata alachua</i> Gertsch & Wallace (<i>P. alachuus</i>)	Southeastern	X	X
<i>Pirata apalacheus</i> Gertsch	Southeastern	X	X
<i>Pirata aspirans</i> Chamberlin (<i>P. arenicola</i>)	Northeastern	X	
<i>Pirata giganteus</i> Gertsch	Uncertain	X	
<i>Pirata insularis</i> Emerton	Eastern	X	X
<i>Pirata (Trebacosa) marxi</i> Stone	Northeastern	X	X
<i>Pirata minutus</i> Emerton	Eastern	X	X
<i>Pirata montanoides</i> Banks	Uncertain	X	
<i>Pirata montanus</i> Emerton	Northeastern	X	X
<i>Pirata piraticus</i> (Clerck)	Northern	X	X
<i>Pirata sedentarius</i> Montgomery (<i>P. maculatus</i>)	Throughout	X	X
<i>Pirata spiniger</i> (Simon)	Southeastern	X	
<i>Pirata sylvanus</i> Chamberlin & Ivie	Southeastern	X	
<i>Pirata triens</i> Wallace & Exline	Uncertain	X	
<i>Pirata zelotes</i> Wallace & Exline	Northeastern	X	
<i>Schizocosa aulonia</i> Dondale	Central	X	
<i>Schizocosa avida</i> (Walckenaer) (<i>Lycosa avida</i>)	Eastern	X	X
<i>Schizocosa bilineata</i> (Emerton)	Eastern	X	X
<i>Schizocosa crassipalpis</i> (Emerton) (<i>S. crassipalpata</i>)	Northeastern	X	X
<i>Schizocosa mccooki</i> (Montgomery)	Western	X	
<i>Schizocosa ocreata</i> (Hentz) (<i>S. crassipes</i>)	Eastern	X	X
<i>Schizocosa retrorsa</i> (Banks)	Eastern	X	
<i>Schizocosa rovneri</i> (Uetz & Dondale)	Uncertain	X	
<i>Schizocosa saltatrix</i> (Hentz)	Eastern	X	X
<i>Schizocosa stridulans</i> Stratton	Uncertain	X	
<i>Trochosa (Varacosa) avara</i> Keyserling (<i>Lycosa avara</i>)	Eastern	X	X
<i>Trochosa (Varacosa) shenandoa</i> (Chamberlin & Ivie)	Eastern	X	
<i>Trochosa terricola</i> Thorell (<i>T. pratensis</i>)	Throughout	X	X
Mimetidae			
<i>Ero furcata</i> (Villers)	Throughout	X	X
<i>Mimetus epeiroides</i> Emerton	Eastern	X	X
<i>Mimetus notius</i> Chamberlin	Eastern	X	
<i>Mimetus puritanus</i> Chamberlin	Eastern	X	X
Mysmenidae			
<i>Maymena ambita</i> (Barrows)	Southeastern	X	
<i>Mysmena (Microdipoena) guttata</i> (Banks)	Eastern	X	
Nesticidae			
<i>Nesticus carteri</i> Emerton	Uncertain		X
<i>Nesticus pallidus</i> Emerton (<i>Eidmannella pallida</i>)	Eastern	X	
Oecobiidae			
<i>Oecobius cellariorum</i> (Duges) (<i>O. texanus</i>)	Introduced	X	
Oonopidae			
<i>Orchestina saltitans</i> Banks	Eastern	X	
Oxyopidae			
<i>Oxyopes aglossus</i> Chamberlin	Southeastern	X	
<i>Oxyopes salticus</i> Hentz	Eastern	X	X
<i>Oxyopes scalaris</i> Hentz	Throughout	X	

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
Philodromidae (Thomisidae s. lat.)			
<i>Ebo latithorax</i> Keyserling	Eastern	X	X
<i>Ebo pepinensis</i> Gertsch	Western	X	X
<i>Philodromus alascensis</i> Keyserling	Northern	X	X
<i>Philodromus bimurcatus</i> Dondale & Redner	Southeastern	X	
<i>Philodromus cespitum</i> (Walckenaer) (<i>P. aureolus</i>)	Northern	X	X
<i>Philodromus imbecillus</i> Keyserling	Throughout	X	X
<i>Philodromus infuscatus</i> Keyserling	Throughout	X	
<i>Philodromus keyserlingi</i> Marx	Eastern	X	X
<i>Philodromus marxi</i> Keyserling	Eastern	X	X
<i>Philodromus minutus</i> Banks	Eastern	X	X
<i>Philodromus montanus</i> Bryant	Southeastern	X	
<i>Philodromus oneida</i> Levi	Northern	X	
<i>Philodromus placidus</i> Banks	Throughout	X	X
<i>Philodromus praelustris</i> Keyserling	Northern	X	X
<i>Philodromus pratariae</i> (Scheffer)	Central	X	
<i>Philodromus rufus</i> Walckenaer	Northern	X	X
<i>Philodromus vulgaris</i> (Hentz) (<i>P. pernix</i>)	Eastern	X	X
<i>Thanatus formicinus</i> (Clerck)	Northern	X	X
<i>Thanatus rubicellus</i> Mello-Leitão	Northern	X	
<i>Tibellus duttoni</i> (Hentz)	Eastern	X	X
<i>Tibellus maritimus</i> (Menge)	Northern	X	X
<i>Tibellus oblongus</i> (Walckenaer)	Throughout	X	X
Pholcidae			
<i>Pholcus phalangioides</i> (Fuesslin)	Introduced	X	X
<i>Spermophora senoculata</i> (Duges) (<i>S. meridionalis</i>)	Introduced	X	X
Pisauridae			
<i>Dolomedes albineus</i> Hentz	Southeastern	X	
<i>Dolomedes scriptus</i> Hentz	Eastern	X	X
<i>Dolomedes striatus</i> Giebel (<i>D. fulvistratus</i>)	Northeastern	X	X
<i>Dolomedes tenebrosus</i> Hentz	Eastern	X	X
<i>Dolomedes triton</i> (Walckenaer) (<i>D. scapularis</i>)	Throughout	X	X
<i>Dolomedes vittatus</i> Walckenaer (<i>D. urinator</i>)	Eastern	X	X
<i>Pisaurina brevipes</i> (Emerton)	Eastern	X	X
<i>Pisaurina dubia</i> (Hentz)	Southeastern	X	
<i>Pisaurina mira</i> (Walckenaer)	Eastern	X	X
<i>Pisaurina undulata</i> (Keyserling)	Southeastern	X	X
Salticidae			
<i>Admestina tibialis</i> (C.L. Koch)	Eastern	X	X
<i>Agassa cyanea</i> (Hentz) (<i>A. cerulea</i>)	Eastern	X	X
<i>Ballus (Attidops) youngii</i> Peckhams	Northeastern	X	
<i>Eris aurantia</i> (Lucas) (<i>Paraphidippus aurantius</i>)	Southeastern	X	X
<i>Eris flava</i> (Peckhams) (<i>Paraphidippus flavus</i>)	Eastern	X	
<i>Eris militaris</i> (Hentz) (<i>Paraphidippus marginatus</i> , <i>E. marginata</i>)	Throughout	X	X
<i>Eris pinea</i> (Kaston)	Uncertain	X	X
<i>Evarcha hoyi</i> (Peckhams)	Northern	X	X
<i>Ghelna canadensis</i> (Banks) (<i>Metaphidippus canadensis</i>)	Northeastern	X	X
<i>Habrocestum parvulum</i> (Banks)	Eastern	X	
<i>Habrocestum pulex</i> (Hentz)	Eastern	X	X
<i>Habronattus agilis</i> (Banks)	Eastern	X	X
Possibly misidentified, recorded by Griswold (1987) only from East Coast.			
<i>Habronattus borealis</i> (Banks)	Northeastern	X	X

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Habronattus calcaratus</i> (Banks)	Southeastern	X	X
<i>Habronattus coecatus</i> (Hentz) (<i>H. coronatus</i>)	Eastern	X	
<i>Habronattus cognatus</i> (Peckhams) (<i>H. arizonensis</i>)	Central	X	X
<i>Habronattus decorus</i> (Blackwall)	Eastern	X	
<i>Habronattus texanus</i> (Chamberlin) (<i>H. rutherfordi</i>)	Uncertain	X	
<i>Habronattus viridipes</i> (Hentz)	Throughout	X	
<i>Hasarius adansonii</i> (Audouin)	Introduced	X	X
<i>Hentzia mitrata</i> (Hentz)	Eastern	X	X
<i>Hentzia palmarum</i> (Hentz)	Eastern	X	X
<i>Maevia inclemens</i> (Walckenaer)	Eastern	X	X
<i>Marpissa formosa</i> (Banks) (<i>Hycia bina</i> , <i>Marpissa bina</i>)	Eastern	X	X
<i>Marpissa grata</i> (Gertsch)	Uncertain	X	
<i>Marpissa lineata</i> (C.L. Koch) (<i>Onondaga lineata</i>)	Eastern	X	X
<i>Marpissa pikei</i> (Peckhams) (<i>Hycia pikei</i>)	Eastern	X	X
<i>Metacyrba taeniola</i> (Hentz)	Southern	X	
<i>Metacyrba</i> (<i>Platycryptus</i>) <i>undata</i> (DeGeer) (<i>Marpissa undata</i>)	Eastern	X	X
<i>Neon nellii</i> Peckhams	Eastern	X	
<i>Peckhamia americana</i> (Peckhams)	Eastern	X	X
<i>Peckhamia picata</i> (Hentz)	Eastern	X	
<i>Pelegrina chalceola</i> Maddison	Southern	X	
<i>Pelegrina exigua</i> (Banks)	Eastern	X	
<i>Pelegrina flavipedes</i> (Peckhams) (<i>Metaphidippus flavipedes</i>)	Northern	X	X
<i>Pelegrina galathea</i> (Walckenaer) (<i>Metaphidippus galathea</i>)	Eastern	X	X
<i>Pelegrina insignis</i> (Banks) (<i>Metaphidippus insignis</i>)	Northeastern	X	X
<i>Pelegrina proterva</i> (Walckenaer) (<i>Metaphidippus protervus</i>)	Eastern	X	X
<i>Phidippus audax</i> (Hentz)	Eastern	X	X
<i>Phidippus cardinalis</i> (Hentz)	Eastern	X	X
<i>Phidippus clarus</i> Keyserling (<i>P. rimator</i>)	Throughout	X	X
<i>Phidippus insignarius</i> C.L. Koch (<i>P. fraudulentus</i>)	Northeastern	X	X
<i>Phidippus mccooki</i> (Peckhams)	Northeastern	X	X
<i>Phidippus mystaceus</i> (Hentz)	Northeastern	X	
<i>Phidippus pius</i> Scheffer	Uncertain	X	
<i>Phidippus princeps</i> (Peckhams)	Northeastern	X	X
<i>Phidippus purpuratus</i> Keyserling	Southeastern		X
<i>Phidippus putnamii</i> (Peckhams)	Southeastern	X	X
<i>Phidippus whitmani</i> Peckhams	Northeastern	X	X
<i>Phlegra fasciata</i> (Hahn)	Eastern	X	X
<i>Salticus scenicus</i> (Clerck)	Throughout	X	X
<i>Sarinda hentzi</i> (Banks) (<i>Myrmarachne hentzi</i>)	Eastern	X	
<i>Sassacus papenhoei</i> Peckhams	Western	X	
<i>Sitticus concolor</i> (Banks) (<i>S. cursor</i>)	Eastern	X	
<i>Sitticus palustris</i> (Peckhams)	Northern	X	X
<i>Synageles noxiosus</i> (Hentz) (<i>Gertschia noxiosa</i>)	Eastern	X	
<i>Synageles occidentalis</i> Cutler	Western	X	
<i>Synemosyna formica</i> Hentz (<i>S. lunata</i>)	Eastern	X	X
<i>Talavera minuta</i> (Banks)	Northern	X	X
<i>Thiodina puerpera</i> (Hentz) (<i>T. irrorata</i>)	Eastern	X	
<i>Thiodina sylvana</i> (Hentz)	Southeastern	X	X
<i>Tutelina elegans</i> (Hentz)	Eastern	X	X
<i>Tutelina formicaria</i> (Emerton) (<i>Icius formicarius</i>)	Northeastern	X	
<i>Tutelina hartii</i> (Emerton) (<i>Icius hartii</i>)	Northeastern	X	X
<i>Tutelina similis</i> (Banks)	Northeastern	X	X
<i>Zygoballus nervosus</i> (Peckhams)	Eastern	X	X
<i>Zygoballus rufipes</i> Peckhams (<i>Z. bettini</i>)	Eastern	X	X
<i>Zygoballus sexpunctatus</i> (Hentz)	Southeastern	X	

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
Scytodidae			
<i>Scytodes thoracica</i> (Latreille)	Introduced	X	X
Segestriidae			
<i>Ariadna bicolor</i> (Hentz)	Eastern	X	X
Tetragnathidae (Araneidae s. lat.)			
<i>Dolichognatha pentagona</i> (Hentz)	Southeastern	X	
<i>Glenognatha foxi</i> (McCook) (<i>Mimognatha foxi</i>)	Eastern	X	X
<i>Leucauge venusta</i> (Walckenaer)	Eastern	X	X
<i>Meta ovalis</i> (Gertsch) (<i>Meta menardi</i>)	Northeastern	X	X
<i>Pachygnatha autumnalis</i> Marx	Eastern	X	
<i>Pachygnatha brevis</i> Keyserling	Northeastern	X	X
<i>Pachygnatha dorothea</i> McCook	Northern	X	
<i>Pachygnatha furcillata</i> Keyserling	Eastern		X
<i>Pachygnatha tristriata</i> C.L. Koch	Eastern	X	X
<i>Pachygnatha xanthostoma</i> C.L. Koch	Northern	X	X
<i>Tetragnatha caudata</i> Emerton	Eastern	X	X
<i>Tetragnatha elongata</i> Walckenaer	Eastern	X	X
<i>Tetragnatha extensa</i> (Linnaeus)	Northern		X
<i>Tetragnatha guatemalensis</i> O.P.-Cambridge (<i>T. seneca</i>)	Eastern	X	X
<i>Tetragnatha laboriosa</i> Hentz	Throughout	X	X
<i>Tetragnatha pallescens</i> F.O.P.-Cambridge	Eastern	X	X
<i>Tetragnatha shosone</i> Levi	Northern	X	
<i>Tetragnatha straminea</i> Emerton	Eastern	X	X
<i>Tetragnatha vermiformis</i> Emerton	Eastern	X	X
<i>Tetragnatha versicolor</i> Walckenaer	Throughout	X	X
Theridiidae			
<i>Achaeearanea globosa</i> (Hentz) (<i>Hentziectypus globosus</i>)	Eastern	X	
<i>Achaeearanea porteri</i> (Banks)	Eastern	X	X
<i>Achaeearanea rupicola</i> (Emerton) (<i>Theridion rupicola</i>)	Northeastern	X	X
<i>Achaeearanea tepidariorum</i> (C.L. Koch) (<i>Theridion tepidariorum</i>)	Introduced	X	X
<i>Anelosimus studiosus</i> (Hentz)	Southeastern	X	
<i>Argyrodes cancellatus</i> (Hentz)	Eastern	X	
<i>Argyrodes elevatus</i> Taczanowski	Southeastern	X	
<i>Argyrodes fictitium</i> (Hentz)	Eastern	X	
<i>Argyrodes trigonum</i> (Hentz)	Eastern	X	X
<i>Crustulina altera</i> Gertsch & Archer	Eastern	X	X
<i>Crustulina sticta</i> (O.P.-Cambridge)	Throughout	X	X
<i>Dipoena nigra</i> (Emerton)	Throughout	X	
<i>Dipoena prona</i> (Menge)	Throughout	X	
<i>Enoplognatha joshua</i> Chamberlin & Ivie (<i>E. rugosa</i>)	Western	X	
<i>Enoplognatha marmorata</i> (Hentz)	Throughout	X	X
<i>Enoplognatha tecta</i> Keyserling (<i>E. caricis</i>)	Northeastern	X	
<i>Euryopsis argentea</i> Emerton	Northern	X	X
<i>Euryopsis funebris</i> (Hentz) (<i>E. limbata</i>)	Eastern	X	X
<i>Euryopsis gertschi</i> Levi	Northeastern	X	X
<i>Euryopsis quinquemaculata</i> Banks	Southeastern	X	
<i>Latrodectus mactans</i> (Fabricius)	Southeastern	X	X
Some of the records in Kaston (1955) undoubtedly belong with the next species.			
<i>Latrodectus variolus</i> Walckenaer	Northeastern	X	X
<i>Pholcomma hirsutum</i> Emerton	Eastern	X	X
<i>Phoroncidia americana</i> (Emerton)	Eastern	X	X
<i>Robertus eremophilus</i> Chamberlin	Uncertain	X	
<i>Robertus frontatus</i> (Banks) (<i>Ctenium frontatus</i>)	Northeastern	X	

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Robertus laticeps</i> (Keyserling) (<i>Ctenium laticeps</i>)	Northeastern	X	
<i>Robertus riparius</i> (Keyserling) (<i>Ctenium riparius</i>)	Northeastern	X	X
<i>Spintharus flavidus</i> Hentz	Southeastern	X	
<i>Steatoda albomaculata</i> (DeGeer) (<i>Lithyphantes albomaculata</i>)	Northern	X	X
<i>Steatoda americana</i> (Emerton) (<i>Asagena americana</i>)	Throughout	X	X
<i>Steatoda borealis</i> (Hentz)	Eastern	X	X
<i>Steatoda grossa</i> (C.L. Koch)	Introduced		X
<i>Steatoda triangulosa</i> (Walckenaer) (<i>Teutana triangulosa</i>)	Introduced	X	X
<i>Stemmops ornatus</i> (Bryant)	Southeastern	X	
<i>Theridion alabamense</i> Gertsch & Archer	Eastern	X	X
<i>Theridion albidum</i> Banks	Eastern	X	X
<i>Theridion antonii</i> Keyserling	Southeastern	X	
<i>Theridion berkeleyi</i> Emerton (<i>T. hemerobium</i>)	Northeastern	X	
<i>Theridion (Wamba) crispulum</i> Simon	Southeastern	X	
<i>Theridion differens</i> Emerton	Throughout	X	X
<i>Theridion flavonotatum</i> Becker	Southeastern	X	
<i>Theridion frondeum</i> Hentz	Northern	X	X
<i>Theridion glaucescens</i> Becker (<i>T. spirale</i>)	Eastern	X	X
<i>Theridion llano</i> Levi	Uncertain	X	
<i>Theridion lyricum</i> Walckenaer	Eastern	X	X
<i>Theridion murarium</i> Emerton	Throughout	X	X
<i>Theridion neshamini</i> Levi	Uncertain	X	
<i>Theridion pennsylvanicum</i> Emerton	Eastern	X	X
<i>Theridion pictipes</i> Keyserling	Southeastern	X	
<i>Theridion pictum</i> (Walckenaer) (<i>T. zelotypum</i>)	Northern	X	X
<i>Theridion punctosparsum</i> Emerton	Southeastern	X	X
<i>Theridion rabuni</i> Chamberlin & Ivie	Uncertain	X	
<i>Theridion opulenta</i> (Walckenaer)	Eastern	X	X
<i>Thymoites pallida</i> (Emerton)	Southern	X	
<i>Thymoites unimaculata</i> (Emerton) (<i>Theridion unimaculatum</i>)	Eastern	X	X
Theridiosomatidae			
<i>Theridiosoma gemmosum</i> (L. Koch) (<i>T. radiosa</i>)	Eastern	X	X
Thomisidae			
<i>Coriarachne versicolor</i> Keyserling (<i>C. lenta</i>)	Eastern	X	X
<i>Misumena vatia</i> (Clerck)	Throughout	X	X
<i>Misumenoides formosipes</i> (Walckenaer)	Throughout	X	X
<i>Misumenops asperatus</i> (Hentz)	Throughout	X	X
<i>Misumenops celer</i> (Hentz) (<i>M. delphinus</i>)	Throughout	X	
<i>Misumenops oblongus</i> (Keyserling)	Throughout	X	X
<i>Oxyptila (Ozyptila) americana</i> Banks (= <i>O. barrowsi</i>)	Eastern	X	X
<i>Oxyptila conspurcata</i> Thorell	Northern		X
<i>Oxyptila monroensis</i> Keyserling	Eastern	X	X
<i>Synema parvulum</i> (Hentz)	Southeastern	X	X
<i>Tmarus angulatus</i> (Walckenaer)	Throughout	X	X
<i>Tmarus rubromaculatus</i> Keyserling	Southeastern		X
<i>Xysticus auctificus</i> Keyserling (<i>X. lemniscatus</i>)	Southeastern	X	X
<i>Xysticus banksi</i> Bryant	Northeastern	X	X
<i>Xysticus bicuspis</i> Keyserling	Throughout	X	X
<i>Xysticus discursans</i> Keyserling	Throughout	X	X
<i>Xysticus elegans</i> Keyserling	Throughout	X	X
<i>Xysticus emertoni</i> Keyserling	Northern	X	
<i>Xysticus ferox</i> (Hentz) (<i>X. transversatus</i>)	Throughout	X	X
<i>Xysticus fraternus</i> Banks	Eastern	X	X

Appendix 1.—Continued.

	Distribution	Illinois	Indiana
<i>Xysticus finestus</i> Keyserling (<i>X. tumefactus</i>)	Eastern	X	X
<i>Xysticus gulosus</i> Keyserling	Northern	X	X
<i>Xysticus luctans</i> (C.L. Koch)	Northeastern	X	X
<i>Xysticus punctatus</i> Keyserling	Northern		X
<i>Xysticus texanus</i> Banks	Southeastern	X	
<i>Xysticus triguttatus</i> Keyserling	Eastern	X	X
Uloboridae			
<i>Hyptiotes cavatus</i> (Hentz)	Eastern	X	X
<i>Octonoba sinensis</i> (Simon) (<i>Uloborus octonarius</i>)	Introduced	X	
<i>Uloborus glomosus</i> Walckenaer (<i>U. americanus</i>)	Eastern	X	X
Zoridae			
<i>Zora pumila</i> (Hentz)	Eastern	X	X