

CATALOGUE OF THE DESCRIBED ARANEÆ OF TEMPERATE
NORTH AMERICA.*

BY

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INTRODUCTION.

During the last few years I have prepared for my private use a card catalogue of the Araneæ of temperate North America as described by both American and European authors. I derive constantly so much benefit from this work that, with the thought that it will be equally useful for my colaborers in American arachnology, I herewith present it in the form of a catalogue.

In the arrangement of the families I have adopted Professor Thorell's new system as offered in his important work, "On Dr. Bertkau's Classification of the Order Araneæ" (Annals and Magazine of Natural History for April, 1886).

I have, however, made such changes in this arrangement as seemed necessary to me.

I first added to the suborder *Tetrapneumones* the tribus *Umbellitelaricæ* for the family *Hypochilidæ*, for as *Hypochilus* possesses four distinct lamelar tracheæ or lungs, each provided with a separate stigma, it must be placed amongst the four-lunged spiders; but, as this genus (constituting at present alone the family *Hypochilidæ*) differs so widely in its morphological and anatomical characters from any *Tetrapneumonic* form, I found myself obliged to establish a separate tribus for this family—the *Umbellitelaricæ*, a name suggested to me by Professor Thorell.

The next change I have made is to separate such primitive families as the *Filistatidæ* and *Dysderidæ* from the lowest tribus, the *Tubitelaricæ* of the second suborder *Dipneumones*, and I have provided for these

* Ever since the Department of Insects was established in the Museum the arachnological material has been referred to Dr. George Marx, who has become a recognized authority thereon. The following catalogue prepared by him is based, therefore, to some extent on Museum material, and I therefore recommend it for publication not only because it represents a great amount of careful labor, but because it is the first attempt to prepare a complete catalogue of the described Araneæ of North America, and will be invaluable to arachnologists.

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families a new and separate tribus—the *Filitelariæ*; I have, however, added to it the family *Scytodidæ*, a family which by its characteristic features belongs rather to the lower types than to the so much higher developed group—the *Retitelariæ*. Professor Simon, in his "Arachn. de France," has already placed this family near the *Dysderidæ*.

I have further adopted, for the family *Pholcidæ*, Dahl's new tribus *Plagitelariæ*, and removed it from the *Retitelariæ* to near the preceding tribus, as the structural characters of this family, the weak extremities, and trophies, the peculiar form of the body, the arrangement of the eyes, and the peculiarly constructed male palpi, indicate in my opinion, a lower grade of development than that of the other Retitelarian families.

The American families treated in this catalogue now present the following scheme:

Order ARANEÆ.	
Suborder I. TETRAPNEUMONES.	
I. Tribus TERRITELARIE.	VI. Tribus RETITELARIE.
Family Calommatidæ.	Family Prodidomidæ.
Family Theraphosidæ.	Family Theridiidæ.
Subfamily Eriodoutinæ.	VII. Tribus ORBITELARIE.
Subfamily Theraphosinæ.	Family Epeiridæ.
II. Tribus UMBELLITELARIE.	Family Tetragnathidæ.
Family Hypochilidæ.	Family Uloboridæ.
Suborder II. DIPNEUMONES.	VIII. Tribus LATERIGRADE.
III. Tribus FILITELARIE.	Family Thomisidæ.
Family Filistatidæ.	Subfamily Thomisinæ.
Family Dysderidæ.	Subfamily Philodrominæ.
Family Scytodidæ.	Family Sparassidæ.
IV. Tribus PLAGITELARIE.	IX. Tribus CITIGRADE.
Family Pholcidæ.	Family Lycosidæ.
V. Tribus TUBITELARIE.	Family Oxyopidæ.
Family Drassidæ.	Family Podophthalmidæ.
Family Dictynnidæ.	X. Tribus SALTIGRADE.
Family Urocteidæ.	Family Attidæ.
Family Clubionidæ.	Subfamily Attinæ.
	Subfamily Lyssomaninæ.

NOTE.—The asterisk before a name signifies that this species has been described also from a foreign country. The reference notes are at the end of the catalogue.

Order ARANEÆ.

Suborder I TETRAPNEUMONES.

Tribus I TERRITELARIÆ.

Family CALOMMATIDÆ.

1869. Subfamily *Atypinae* Thorell. On Europ. Spid., p. 164.
 1871. Subfamily *Atypinae* Ausserer. Beitr. z. K. d. Territel., pp. 123, 129.
 1875. Subfamily *Atypinae* Id. Zweiter Beitr. z. K. d. Territel., p. 132.
 1878. *Atypidæ* Bertkau. Vers. e. nat. Anordn. d. Spid.; Archiv. f. Naturg., XLIV, I, p. 362.
 1887. *Calommatoidæ* Thorell. Primo Saggio sui Ragni Birmani Ann. museo cir. Genoa, 1887-'88, p. 8.

ATYPUS.

Latreille. Nouv. Dict. d'Hist. Nat., xxiv, p. 133, 1804.

1805. *Oletera* Walek. Tabl. d. Aran., p. 7.
 1832. *Atypus* Hentz. Am. Journ. Sc. and Art, xxi, p. 100.
 1842. *Atypus* Id. Journ. Bost. Soc. Nat. Hist., iv, p. 223.
 1861. *Atypus* Blackwell. Spid. of Gr. Brit., i, p. 14.
 1869. *Atypus* Thorell. On Europ. Spid., p. 165.
 1871. *Atypus* Ausserer. Beitr. z. Kenntn. d. Territel., pp. 125, 131.
 1875. *Atypus* Id. Zweiter Beitr. z. K. d. Territel., pp. 133, 139.
 1875. *Atypus* Hentz. Spid. of the U. S., ed. by Burgess, p. 19.

- A. bicolor** Lucas. Quelques observ. s. l. genre *Atypus*. Ann. Soc. Ent. France, v, p. 216, pl. 5, fig. 5.
A. niger Hentz. Journ. Bost. Soc. Nat. Hist. iv, p. 224. *Id.* Sp. U. S., ed., Burgess, p. 19, pl. 2, fig. 1. Mass. Md. D. C. Va.

Family THERAPHOSIDÆ.

1817. *Territeles* Latr. Cuvier's Règne Anim. III, p. 79.
 1823. *Terrestres* Sund. Gen. Aran. suec., p. 10.
 1825. *Tetrapneumones* Latr. Fam. Nat. du Règne Anim., p. 312.
 1830. *Theraphosæ* Sund. Svensk. Spindl. beser.
 1869. *Theraphosoidæ* Thorell. On Europ. Spid., p. 161.
 1871. *Theraphosoidæ* Ausserer. Beitr. z. K. d. Territel. Eriodontinæ Theraphosinæ.
 1875. *Theraphosoidæ* Id. Zweiter Beitr. z. K. d. Territel.

Subfamily ERIODONTINÆ.

1871. Ausserer. Beitr. z. Kenntn. d. Territel., p. 134.

ANTRODIÆTUS.

Ausserer. Beitr. z. Kenntn. d. Territel., p. 136. 1871.

1875. Ausserer. Zweiter Beitr. z. Kenntn. d. Territel., p. 133.

- A. unicolor** Hentz (*Mygale*). Journ. Bost. Soc. Nat. Hist., iv, p. 56. *Id.* Spid. U. S., ed., Burgess, p. 18, pl. 1, fig. 5. Ala.
 ——— Ausserer. Beitr. z. Kenntn. d. Territel., p. 136.

Subfamily THERAPHOSINÆ.

1869. Thorell. On Enrop. Spid., p. 164.
 1871. Ausserer. Beitr. z. Kenntn. d. Territel., p. 136.

PACHYLOSCELIS.

- Lucas*. Sur un nouv. genre. Ann. Soc. Ent. France, III, p. 361. 1833, ad part.
 1833. *Cratoscelis Lucas ibid.*
 1837. *Sphodros Walck.* Ins. Apt. I, p. 247 ad part.
 1837. *Actinopus Lucas.* Observat. s. l. Aran. Ann. Soc. Ent. France, VI, p. 369,
 1842. *Sphodros Walck.* Ins. Apt. II, p. 437.
 1864. *Sphodros Simon.* Hist. Nat. d'Araign., p. 89 ad part.
 1871. *Pachyloscelis Ausserer.* Beitr. z. K. d. Territel., pp. 125, 138.
 1875. *Pachyloscelis Id.* Zweiter Beitr. z. K. d. Territel., p. 133.

P. rufipes Lucas. Sur un nouv. genre, etc. Ann. Soc. Ent. France, III, p. 361.
 Philad'a.

- Ausserer. Beitr. z. K. d. Territel., p. 139.
Cratoscelis rufipes Luc. Ann. Soc. Ent. France, III, p. 361, pl. 7, fig. 1.
Sphodros lucasi Walck. Ins. Apt., I, p. 250.
Actinopus rufipes Luc. Ann. Soc. Ent. France, VI, p. 376.

ACTINOPUS.

Perty. Delect. anim., etc., p. 198. 1834.

1833. *Pachyloscelis Lucas.* Ann. Soc. Ent. France, III, p. 361 ad part.
 1837. *Sphodros Walck.* Ins. Apt., I, p. 250 ad part.
 1837. *Actinopus Lucas.* Observ. s. l. Aran. Ann. Soc. Ent. France, VI, p. 377.
 1864. *Sphodros Simon.* Hist. Nat. d'Araign., p. 89 ad part.
 1871. *Actinopus Ausserer.* Beitr. z. K. d. Territel., pp. 126, 140.

A. pertyi Lucas. Ann. Soc. Ent. France, VI, p. 377.

CHLOSTEROCHILUS.

Ausserer. Beitr. z. Kenntn. d. Territel., pp. 125, 141. 1871.

1875. Ausserer. Zweit. Beitr. z. Kenntn. d. Territel., pp. 130, 131, 134.
 1833. *Pachyloscelis Lucas.* Ann. Soc. Ent. France, III, p. 361 ad part.
 1837. *Sphodros Walck.* Ins. Apt., I, p. 247 ad part.
 1841. *Mygale Hentz.* Journ. Bost. Soc. Nat. Hist., IV, p. 56 ad part.
 1864. *Sphodros Simon.* Hist. Nat. d'Araign., p. 89 ad part.

C. gracilis Hentz (*Mygale*). Journ. Bost. Soc. Nat. Hist., IV, p. 56. *Id.*, Sp. U. S.
 ed. Burgess, p. 17, pl. 1, fig. 4. Ala.

— Ausserer. Beitr. z. Kenntn. d. Territel., p. 142.

THERAGRETES.

Ausserer. Beitr. z. Kenntn. d. Territel., p. 142. 1871.

1837. *Sphodros Walck.* Ins. Apt., I, p. 247 ad part.
 1837. *Actinopus Lucas.* Ann. Soc. Ent. France, VI, p. 377 ad part.
 1864. *Sphodros Simon.* Hist. Nat. d'Araign., p. 89 ad part.

T. walkenærii Lucas (*Actinopus*). Ann. Soc. Ent. France, VI, p. 377. Ga.
Sphodros abbotii ♂ Walck. Abbot Ga. Sp. Ins. Apt. I, p. 247.

MADOGNATHA.

Ausserer. Beitr. z. Kenntn. d. Territel., p. 143. 1871.

1837. *Sphodros* Walek. Ins. Apt. I, p. 247 ad part.

1837. *Actinopus* Lucas. Ann. Soc. Ent. France, VI, p. 377 ad part.

1864. *Sphodros* Simon. Hist. Nat. d'Araign., p. 89 ad part.

M. abbotii Walek. (*Sphodros*) ♀ Abbot Ga. Sp. Ins. Apt., I, p. 247.

Sphodros Milbertii ♂ Walek. *Ibid.*, p. 249.

Actinopus Abbotii Lucas. Ann. Soc. Ent. France, VI, p. 377. (Here did Lucas show that *Sphodros milbertii* Walek. ♂ was the male of *Sphodros Abbotii* and that *Sphodros Abbotii* Walek. ♂ belonged to a different species, which he named *Actinopus walkenwrii*.)

CYCLOCOSMIA.

Ausserer. Beitr. z. Kenntn. d. Territel., p. 144. 1871.

1841. *Mygale* Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 55, ad part.

C. truncata Hentz (*Mygale*). Journ. Bost. Soc. Nat. Hist., IV, p. 55. *Id.*, Sp. U. S., ed. Burgess, p. 16, pl. 1, fig. 1, Ala.

PACHYLOMERUS.

Ausserer. Beitr. z. K. d. Territel., p. 145. 1871.

1886. Atkinson. Entom. Americana, II, p. 133.

P. carabivorus Atkinson. Entom. Americana, II, p. 133, pl. v, figs. 1, 4, 20, N. C.,

— *Id.* Am. Naturalist, XX, p. 583, pl. 23, fig. 1-7; pl. 24, fig. 1-8.

P. carolinensis Hentz (*Mygale*). Journ. Bost. Soc. Nat. Hist., IV, p. 56. *Id.*, Sp. U. S., ed. Burgess, p. 17, pl. 1, fig. 3, N. C., Ala., D. C., Va.

— *Ausserer.* Beitr. z. K. d. Territel., p. 147.

— Atkinson. Entom. Americana, II, p. 135, pl. 5, fig. 2, 3, 20.

Mygale solstitialis ♂ of *carolinensis*, Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 56. *Id.*, Sp. U. S., ed. Burgess, p. 17, pl. 1, fig. 2.

Pachylomerus solstitialis (note 1) *Ausserer.* Beitr. z. K. d. Territel., p. 147.

Pachylomerus solstitialis Atkinson. Entom. Americana, II, p. 135.

P. emarginatus Atkinson. *Ibid.*, p. 134. (A variety of *carabivorus*, N. C.)

P. quadrispinosus Atkinson. *Ibid.*, p. 136, N. C.

P. solstitialis Hentz (*Mygale*), ♂ of *carolinensis*.

P. turris Atkinson. Entom. Americana, II, p. 92, pl. 4, fig. 15, 16, N. C.

— *Id.* *Ibid.*, p. 109.

— *Id.* *Ibid.*, p. 136, pl. 5, fig. 5.

NIDIVALVATA.

Atkinson. Entom. Americana, II, p. 129.

N. angustata Atkinson. *Ibid.*, p. 130, N. C.

N. marxii Atkinson. *Ibid.*, pp. 111-116, 130, pl. 5, fig. 8, 9, 10, 13, 23, N. C.

MYRMEKIAPHILA.

Atkinson. Entom. Americana, II, p. 131.

M. foliata Atkinson. *Ibid.*, pp. 113, 116, 131, N. C.

CTENIZA.

Latreille. Hist. Nat. du Règne animal, p. 315. 1825.

1825. *Mygale* Walck. Faune Franc. Aran., p. 4.
 1829. *Cteniza* Latr. Cuvier's Règne animal, ed. iv, p. 230.
 1840. *Actinopus* Westwood. On Trapdoor Spid., p. 175.
 1864. *Mygalodonta* Simou. Hist. Nat. d'Araign., p. 75.
 1869. *Nemesia* Thorell. On Europ. Spid., p. 166.
 1871. *Cteniza* Ausserer. Beitr. z. K. d. Territel., p. 151.
 1875. *Cteniza* Id. Zweiter Beitr. z. K. d. Territel., pp. 130, 131, 134.

C. californica Cambridge. Specific. descr., etc., p. 260-264, pl. 15, fig. B. California.

— Ausserer. Zweiter Beitr. z. K. d. Territel., p. 148.

EURYPELMA.

C. Koch. Uebers. d. Arachn., Systems V, p. 73. 1850.

1850. *Lasiadora* C. Koch. *Ibid.*, p. 72.
 1869. *Aricularia* Thorell. On Europ. Spid., p. 168.
 1871. *Eurypelma* Ausserer. Beitr. z. K. d. Territel., p. 208.
E. californica Doleschall (*Theraphosa*). MSS., p. 8. California.
 — Ausserer. Beitr. z. K. d. Territel., p. 214.
E. hentzii Girard (*Mygale*). Marey's Expl. of the Red Riv. of La., 1852, p. 251, pl. 16, fig. 1-3, La., Tex., Kans.
 — Cragin. Contrib. to Knowl. of Arachn. of Kansas. Bull. Washburn Coll., I, No. 4, p. 145.
E. leiogaster Doleschall (*Theraphosa*). MSS., p. 14. California.
 — Ausserer. Beitr. z. K. d. Territel., p. 214.
E. mordax Ausserer. Beitr. z. K. d. Territel., p. 211. Texas.
E. rileyi Marx. Proceed. Entom. Soc. Washington, I, p. 116. California.
E. steindachnerii Ausserer. Zweiter Beitr. z. K. d. Territel., p. 199, pl. 7, figs. 43, 44. N. Mex.

BRACHYBOTHRIUM.

Simon. Bull. Soc. Zool., IX, p. 313. 1884.

- B. accentuatum** Simon. *Ibid.*, (p. 3). N. C.
B. pacificum Simon. *Ibid.*, p. 313; p. 2, Wash.

HEXURA.

Simon. Bull. Soc. Zool., IX, p. 316. 1884.

- H. picea** Simon. *Ibid.*, p. 3. Wash.

ATYPOIDES.

Cambridge. Proceed. Lond. Zool. Soc., p. 354. 1883.

- A. riversii** Cambridge. *Ibid.*, p. 355, pl. 36, fig. 2. California.

Mygale Walck (Note 2).

- M. carolinensis* Hentz = *Pachylomerus carolinensis*.
M. fluviatilis Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 286. *Id.*, Sp. U. S., ed. Burgess, p. 159, pl. 17, fig. 15. Ala.
M. gracilis Hentz = *Chlosterochilus gracilis*.

- M. notasiana** Walck. Ins. Apt., 1, p. 230. Port Jackson, Louisiana.
Mygale inedita de la Nouv. Orleans. Latreille Nouv. Dict. d'Hist. Nat., xxiv,
 p. 133.
M. solstitialis Hentz = ♂ of *Pachylomerus carolinensis*.
M. truncata Hentz = *Cyclocosmia truncata*.
M. unicolor Hentz = *Antrodiaetus unicolor*.

Tribus II UMBELLITELARÆ.

Family HYPOCHILIDÆ.

- Marx. Entomologica Americana, iv, p. 160. 1888.

HYPOCHILUS.

- Marx. Entom. Americ., iv, p. 160. 1888.

- H. thorellii** Marx. *Ibid.*, p. 160, pl. 1, fig. 1-13. Tenn., Ga.

Suborder II DIPNEUMONES.

Tribus III FILITELARÆ.

Family FILISTATIDÆ.

1867. Ausserer. Die Arachn. Tirols, 1, p. 14c.
 1869. Thorell. On Europ. Spiders, p. 158.

FILISTATA.

- Latreille. Consid. gén. sur les Crust., les Arachn. et les Ins., p. 121. 1810.

1832. Hentz. Am. Journ. of Science and Art, xxi, p. 101.
 1839. *Teratodes* C. Koch. Die Arachn., v, p. 6.
 1842. *Filistata* Hentz. Journ. Bost. Soc. Nat. Hist., iv, p. 226.
 1869. *Filistata* Thorell. On Europ. Spid., p. 160.
 1875. *Filistata* Hentz. Spid. U. S., ed. by Burgess, p. 22.

- F. capitata** Hentz. Journ. Bost. Soc. Nat. Hist., iv, p. 228. *Id.*, Sp. U. S., ed.
 Burgess, p. 24, pl. 2, fig. 7.
 ——— Keyserling N. Sp. a. Am. I Verh. d. z. bot. Ges. Wien, 1879, p. 345 (55), pl. 4,
 fig. 33.
Theratodes depressus C. Koch Die Arachn., ix, p. 103, fig. 755.
F. hibernalis Hentz. Journ. Bost. Soc. Nat. Hist., iv, p. 227. *Id.*, Sp. U. S., ed.
 Burg ss, p. 23, pl. 2, fig. 6.
 ——— Keyserling. N. Sp. a. Am. I Verh. d. z. b. Ges. Wien, 1879, p. 348 (58).

Family DYSDERIDÆ.

1837. *Dysderides* C. Koch. Uebers. d. Arachn., Syst. 1, p. 20.
 1869. *Dysderoida* Thorell. On Europ. Spid., p. 152.
 1890. *Dysderida* Emerton. Trans. Conn., ac. VIII., p. 36.

DYSDERA.

Latreille. Nouv. Dict. d'Hist. Nat., xxiv, p. 134. 1804.

1832. Hentz. Am. Journ. Sc. and Art, xxi, p. 101.
 1837. Walck. Ins. Apt. 1, p. 261 (les Agones).
 1842. Hentz. Journ. Bost. Soc. Nat. Hist., iv, p. 224.
 1869. Thorell. On Europ. Spid., p. 157.
 1875. Hentz. Sp. U. S., ed. Burgess, p. 20.

- ***D. crocata** C. Koch. Die Arachn., v, p. 81, figs. 392-394, Mass., Md., D. C., Va.
Interrita Hentz. Journ. Bost. Soc. Nat. Hist., iv, p. 224; *Id.*, Sp. U. S., ed. Burgess, p. 20, pl. 2, fig. 1.
 ——— Emerton. N. Engl. Drass., Agal. and Dysd. Trans. Conn., Ac. viii, 1890, p. 36, pl. 8, fig. 2. Mass.
D. interrita Hentz = *crocata*.

ARIADNE.

Sav. et Aud. Descr. de l'Égypte, ed. 2, xxii, p. 308. 1825-'27.

1869. Thorell. On Europ. Spid., p. 155.
 1842. *Pylarus* Hentz. Journ. Bos. Soc. Nat. Hist., iv, p. 225.
 1875. *Pylarus Id.* Sp. U. S., ed. by Burgess, p. 20.
A. bicolor Hentz (*Pylarus*). Journ. Bost. Soc. Nat. Hist., iv, p. 225; *Id.*, Spid. U. S., ed. Burgess, p. 21, pl. 2, fig. 3. Ala., Fla., Ohio, Va., D. C., Md., Pa., R. I. Mass.
 ——— Emerton. N. Engl. Drass., Agal. and Dysd. Trans. Conn., Ac. viii, 1890, p. 37, pl. 8, fig. 3. Mass., Conn., L. Isl.
A. pumilis Hentz (*Pylarus*). *Ibid.*, p. 226; *Id.*, *ibid.*, p. 22, pl. 2, fig. 5. N. C., Ala.

Family SCYTODIDÆ.

1864. *Scytodiformis* Simon. Hist. Nat. d'Araign., p. 43.
 1864. *Scytodidæ* Blackw. Spid. of Gr. Brit. II, p. 379.
 1869. *Scytodoide* Thorell. On Europ. Spid., p. 103, *ad part.*
 1877. *Scytodoide* Keyserling. Verh. d. z. b. Ges. Wien, p. 205.
 1884. *Scytodina* Emerton. N. Engl. Terid., Trans. Conn. Ac., vi, p. 31 *ad part.*

SCYTODES.

Latreille. Nouv. Diction. d'Hist. Nat., xxiv, p. 134 *ad part.* 1804.

1869. Thorell. On Europ. Spid., p. 103.
S. cameratus = *thoracica*.
 ***S. thoracica** Latr. (Aranea). Tabl. Meth. d. Ins. in Nouv. d'Hist. Nat., xxiv, p. 134. Mass., Ala., D. C.
 ——— Thorell. On Europ. Spid., p. 103.
 ——— Emerton. N. Engl. Therid., Trans. Conn. Ac., vi, p. 31, pl. 6, fig. 4.
cameratus Hentz. Journ. Bost. Soc. Nat. Hist., vi, p. 35; *Id.*, Spid. U. S., ed. Burgess, p. 141, pl. 15, fig. 17.

LOXOSCELES.

Hein & Lowe. Desc. of two sp. of Aran., Zool. Journ., v, p. 321, 1831.

1833. *Omosites* Walck. Mem. s. une nouv. Classif. d'Aran., p. 438.

1837. *Scytodes* Walck. Ins. Apt., i, p. 270 ad part.; two Fam. (*les Deprimées*).

1864. *Omosita*. Simon Hist. Nat. d'Araign., p. 50.

L. rufescens Dufour. Descr. de ving Arachn. Ann. General d. Science Phys., IV, p. 204. Fla.

L. unicolor Keyserling. N. Spid. a. Am., VII, Verh. d. z. b. Ges. Wien, 1887, p. 474, pl. 6, fig. 46. N. Mex.

Tribus IV PLAGITELARLE.

Family PHOLCIDÆ.

1850. *Phocides* C. Koch. Uebers d. Arachn., Syst. v, p. 31.

1864. *Phalangoidiens* Simon. Hist. Nat. d'Araignées, p. 43.

1869. *Pholcinæ* (subfam.) Thorell. On Europ. Spid., p. 101.

1874. *Pholcidæ* Simon. Arachn. de France, I, p. 254.

1884. *Scytodine* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI (*ad partem*), p. 30.

PHOLCUS.

Walck. Tabl. d'Aran., p. 80 (ad part.), 1805.

1832. Hentz. Am. Journ. Sc. and Arts, XXI, p. 103.

1850. *Id.* Journ. Bost. Soc. Nat. Hist., VI, p. 284.

1875. *Id.* Spid. of the U. S., ed. by Burgess, p. 157.

1884. Emerton. N. Engl. Therid., Trans. Conn. Ac., VI, p. 30.

P. atlanticus Hentz = *phalangioides*.

P. cornutus Keyserling. N. Sp. a. m., VII. Verh. d. z. b. Ges. Wien, 1887, p. 475, pl. 6, fig. 47. D. C.

P. gibbosus Keyserling. Americ. Pholc., Scytod. and Dysderid. Verh. d. z. b. Ges. Wien, 1877, p. 208. Ariz.

***P. phalangioides** Fuessl. (*Aranca*). Verz. d. Schweizer Insekten, 1775. U. S.

—— Blackw. Spid. fr. Canada. Ann. and Mag. of Nat. Hist., XVII, p. 77. Canada.

—— Emerton. N. Engl. Therid., Trans. Conn. Ac., VI, p. 30, pl. 6, fig. 2.

atlanticus Hentz. Journ. Best. Soc. Nat. Hist., VI, p. 284. *Id.*, Sp. U. S., ed. Burgess, p. 157, pl. 17, fig. 7.

P. pullulus Hentz (*Theridium*). Journ. Bost. Soc. Nat. Hist., VI, p. 282. *Id.*, Sp. U. S., ed. Burgess, p. 155, pl. 17, fig. 5. Ala., Colo., D. C.

—— Thorell. Arachn. Coll. in Colorado, Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 487.

SPERMOPHORA.

Hentz. Am. Journ. of Sc. and Arts, XLI, p. 116. 1841.

1869. Thorell. On European Spiders, p. 102.

1850. *Oophora* Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 285.

S. meridionalis Hentz. Am. Journ. of Sciences and Arts, XLI, p. 116. Ala., D. C. Conn., Mass.

—— Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 31, pl. 6, fig. 3.

Oophora meridionalis Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 285. *Id.*, Sp. U. S., ed. Burgess, p. 159, pl. 17, fig. 9.

Tribus, V TUBITELARÆ.

Family DRASSIDÆ.

1833. *Drassides* Sundev. Conspect. Arachn., p. 17 *ad part.*
 1864. *Drassiformis* Simon. Hist. Nat. d'Araign.
 1866. *Drassidæ* L. Koch. Die Arachn. fam. d. Drassiden.
 1869. *Drassoidæ* Thorell. On Europ. Spid., p. 137.
 1878. *Drassidæ* Simon. Arachn. de France, IV, p. 1.
 1890. *Drassidæ* Emerton. Trans. Conn. Ac. VIII, p. 1.

MICARIA.

Westring. Foerteckn., etc., p. 46. 1851.

1832. *Herpyllus* Hentz. Am. Journ. Sc. and Arts, p. 102 *ad part.*
 1861. *Micaria* Westring. Aran. Suecic., p. 330.
 1864. *Micaria* Simon. Hist. Nat. d'Araign., p. 112.
 1866. *Micaria* L. Koch. Draissiden, pp. 2, 52.
 1869. *Micaria* Thorell. On Europ. Spid., p. 146.
 1878. *Micaria* Simon. Arachn. de France, IV, p. 5.
M. aurata Hentz (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 459; *Id.*, Spid. U. S., ed. Burgess, p. 96, pl. II, fig. 15, Ala., Fla., La. Tex.
M. longipes Emerton. N. Engl. Drass., Agal. and Dysd. Trans. Conn. Ac., VIII, 1890, p. 3, pl. 3, fig. 1. Mass.
M. montana Emerton. *Ibid.*, p. 4, pl. 3, fig. 2. New Hampshire.

DRASSUS.

Walck. Tabl. d'Aran., p. 45. 1805.

1832. *Herpyllus* Hentz. Am. Journ. Sc. and Arts, p. 102 *ad part.*
 1861. *Drassus* Blackw. Spid. Gr. Brit., I, p. 104 *ad part.*
 1866. *Drassus* L. Koch. Drassiden, pp. 2, 76.
 1869. *Drassus* Thorell. On Europ. Spid., p. 147.
 1878. *Drassus* Simon. Arachn. de France, IV, p. 101.
 1890. *Drassus* Emerton. Trans. Conn. Ac., VIII, p. 14.
D. capulatus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 621. Ga.
D. coloradensis Emerton. Append. to Thorell's Descr. of Aran. coll. in Col.; Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 528. Colo.
D. diversus Blackw. Spid. fr. Montreal, Ann. and Mag. Nat. Hist., VIII, p. 429. Canada.
D. hunteræ Blackw. *Ibid.*, p. 429. Canada.
D. neclectus Keyserling. N. Spid. a. Am., VII; Verh. d. z. b. Ges. Wein, 1887, p. 434. N. America.
D. nocturnus Walck. Ins. Apt., I, p. 615. Canada.
 ——— Blackw. Spid. from Canada; Ann. and Mag. Nat. Hist., XVII, p. 41.
D. robustus Emerton. N. Engl. Drass., Agal. and Dysd. Trans. Conn. Ac., VIII, 1890, p. 15, pl. 4, fig. 4. Mass.
D. saccatus Emerton. *Ibid.*, p. 14, pl. 4, fig. 7.
D. ocellatus Walck. Abbot Ga. Sp.; Ins. Apt., I, p. 621. Ga.
D. vasifer Walck. Abbot Ga. Sp.; Ins. Apt., II, p. 620. Carolina.
 ——— Blackw. Spiders from Canada. Ann. and Mag. Nat. Hist., XVII, 1846, p. 41. Canada.
 ——— Blackw. Spiders from Montreal. *Ibid.*, VIII, 1871, p. 429. Canada.

TEMINIUS.

Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, p. 421. 1887.

T. continentalis Keyserling. *Ibid.*, p. 423, pl. 6, fig. 2. Utah.

PYTHONISSA.

C. Koch. Uebers. d. Arachn., Syst., I, p. 16. 1837.

1861. Westring. Aran. Suec., p. 350.

1864. Simon. Hist. Nat. d'Araign., p. 120.

1874. *Callilepis* Westr. Bem. Arachn., v, Thorell, p. 43.

1878. *Pythonissa* Simon. Arachn. de France, IV, p. 192.

P. clara Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 429, pl. 6, fig. 6. Utah.

P. imbecilla Keyserling. *Ibid.*, p. 427, pl. 6, fig. 5. Ky.

— Emerton. N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac., VIII, 1890, p. 13, pl. 4, fig. 6. N. H., Mass.

PROSTHESIMA.

L. Koch. Aptera a. d. fr. Jura.; Abh. d. Nat. f. Ges. Nuernbg., v, p. 13. 1872.

1832. *Herpyllus* Hentz. Am. Journ. Sc. and Arts, p. 102 ad part.

1833. *Melanophora* C. Koch. Herr-Schaeff. Deutschl. Ins., 120, 20, 30.

1866. *Melanophora* L. Koch. Drassiden, pp. 2, 142.

1866. *Melanophora* Menge. Preuss. Spinn., p. 303.

1869. *Melanophora* Thorell. On Europ. Spid., p. 149.

1878. *Prosthesima* Simon. Arachn. de France, IV, p. 37.

P. atra (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 455. *Id.*, Spid. U. S., ed. Burgess, p. 91, pl. 11, fig. 3. Pa., N. Engl., Ohio, D. C., Va., Md., Utah, Colo., Cal.

— Emerton. N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac., VIII, 1890, p. 8, pl. 3, fig. 6.

funesta Keyserling. N. Spid. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 431, pl. 6, fig. 6.

melancholica Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv., Terr., III, No. 2, p. 493.

P. bicolor Hentz (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 456. *Id.*, Spid. U. S., ed. Burgess, p. 91, pl. 11, fig. 4. N. C., Ala., Ohio, Va., D. C., Md.

P. bimaculata Keyserling. N. Spid. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 433, pl. 6, fig. 9. Mass.

P. depressa Emerton. N. Engl. Drass., Agal. and Dysd. Trans. Conn. Ac., VIII, 1890, p. 9, pl. 3, fig. 8. Mass.

P. ecclesiastica Hentz. Journ. Bost. Soc. Nat. Hist., v, 455. *Id.*, Spid. U. S., ed. Burgess, p. 90, pl. 11, fig. 2. U. S.

— Emerton. N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac., VIII, 1890, p. 9, pl. 3, fig. 7.

propinqua Keyserling. N. Spid. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 430, pl. 6, fig. 7.

P. funesta Keyserling = *atra*.

P. melancholica Thorell = *atra*.

GNAPHOSA.

Latreille. *Nouv. Dict. d'Hist. Nat.*, xxiv, p. 134. 1804.

1832. *Herpyllus* Hentz. *Am. Journ. Sci. and Arts*, p. 102, ad part.

1866. Menge *Preuss. Spinn.*, p. 301.

1866. *Pythonissa* L. Koch. *Drassiden*, p. 6, ad part.

1869. *Gnaphosa* Thorell. *On Europ. Spid.*, p. 143.

1878. *Gnaphosa* Simon. *Arachn. de France*, iv, p. 163.

G. brumalis Thorell. *Spid. fr. Labrador. Proc. Bost. Soc. Nat. Hist.*, xvii, p. 497.
Labrador, Mass., Colo., N. H.

—— Emerton. *N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac.*, viii, 1890,
p. 11, pl. 3, fig. 5.

scudderii Thorell. *Aran. coll. in Colo. Bull. U. S. Geol. Surv., Terr.*, iii,
No. 2, p. 491.

G. conspersa Thorell. *Aran. coll. in Colo. Bull. U. S. Geol. Surv., Terr.*, iii, No.
2, p. 489. Colo., N. Engl., N. Y.

—— Emerton. *N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac.*, viii, 1890,
p. 12, pl. 4, fig. 4.

giganthea Keyserling. *N. Spid. a. Am.*, vii. *Verh. d. z. Ges. Wien*, 1887,
p. 424, pl. 6, fig. 3. N. Y.

G. fontinalis Keyserling. *Ibid.*, p. 428, pl. 6, fig. 4. Ky.

G. giganthea Keyserling = *conspersa*.

G. scudderii Thorell. = *brumalis*.

PÆCULOCHROA.

Westring. *Bemerk. u. d. Arachn. Abh.*, v, Thorell. 1874.

1878. Simon. *Arachn. de France*, iv, p. 157.

1890. Emerton. *N. Engl. Drass., etc. Trans. Conn. Ac.*, viii, p. 10.

P. bilineata Hentz (*Herpyllus*). *Journ. Bost. Soc. Nat. Hist.*, v, p. 456. *Id.*, *Spid.*
U. S., ed. Burgess, p. 92, pl. 11, fig. 5. N. C., Ala., D. C., Va.

—— Emerton. *N. Engl. Drass., etc. Trans. Conn. Ac.*, viii, 1890, p. 11, pl. 4,
fig. 3.

P. montana Emerton. *Ibid.*, p. 11, pl. 4, fig. 2.

P. variegata Hentz (*Herpyllus*). *Journ. Bost. Soc. Nat. Hist.*, v, p. 458. *Id.*, *Spid.*
U. S., ed. Burgess, p. 94, pl. 11, fig. 12. Mass., N. C., Ky., N. H., Conn.,
D. C., Pa., Va., Utah.

—— Emerton. *N. Engl. Drass., etc. Trans. Conn. Ac.*, viii, 1890, p. 10, pl. 4, fig. 1.

HERPYLLUS (Note 4).

Hentz. *Amer. Journ. of Science and Arts*, xxi, p. 102. 1832.

1847. Hentz. *Journ. Bost. Soc. Nat. Hist.*, v, p. 454.

1875. Hentz. *Spid. U. S.*, ed. by Burgess, p. 90.

H. alarius Hentz = *Phrurolithus alarius*.

H. ater Hentz = *Prosthesima atra*.

H. auratus Hentz = *Micaria aurata*.

H. bicolor Hentz = *Prosthesima bicolor*.

H. bilineatus Hentz = *Pæcilochoa bilineata*.

H. crocatus Hentz = ♂ *Thargalia crocata*.

- H. cruciger* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 458. *Id.*, Spid. U. S., ed. Burgess, p. 95, pl. 11, fig. 11. N. C.
- H. descriptus* Hentz = ♀ *Thargalia crocata*.
- H. dubius* Hentz = *Phrurolithus dubius*.
- H. ecclesiasticus* Hentz = *Prosthesima ecclesiastica*.
- H. longipalpis* Hentz = *Thargalia longipalpis*.
- H. marmoratus* Hentz = *Thargalia marmorata*.
- H. ornatus* Hentz = *Thargalia ornata*.
- H. parvus* Hentz = *Phrurolithus parvus*.
- H. pygmaeus* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 459. *Id.*, Spid. U. S., ed. Burgess, p. 96, pl. 11, fig. 16. Ala.
- H. ramulosus* Hentz. *Ibid.*, p. 459. *Id.*, *ibid.*, p. 95, pl. 11, fig. 14.
- H. trilineatus* Hentz = *Thargalia trilineata*.
- H. variegatus* Hentz = *Pacilochroa variegata*.
- H. vespa** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 458. *Id.*, Spid. U. S., ed. Burgess, p. 95, pl. 11, fig. 13. Ala., Tenn., D. C., Va.
- H. zonarius* Hentz = *Thargalia zonaria*.

Family DICTYNIIDÆ.

1840. *Ciniflonidæ* Blackw. Trans. Linnean Soc., XVIII, p. 4, p. 601.
1852. *Tubicola* Dolesch. Syst. Verzeichn., etc., p. 14 ad part.
1861. *Ciniflonidæ* Blackw. Spid. of Gr. Brit., I, p. 139.
1869. *Amaurobinæ* Subfam. Thorell on Europ. Spiders, p. 121.
1870. *Dictynidæ* Simon. Arañ. nouv. du midi de l'Europe.
1872. *Dictynidæ* Cambridge. Gen. list. of Sp. fr. Palestine and Syria, pp. 212, 260.
1874. *Dictynidæ* Simon. Arachn. de France, I, p. 175.
1888. *Ciniflonidæ* (Note 4) Emerton. Trans. Conn. Ac., VII, ad part.

DICTYNA.

Sundryvall. Consp. Arachn., p. 16. 1833.

1840. *Ergatis* Blackw. The diff. in the n. of Eyes, etc., p. 608.
1840. *Operaria* Blackw. Proceed. of the Linn. Soc., I, p. 66.
1847. *Argus* Walk. Ins. Apt., IV, p. 500 (ad max. part).
1888. *Dictyna* Emerton. N. Engl. Ciniflon. Trans. Conn. Ac., VII, p. 444.
- ***D. annulipes** Blackw. (*Ergatis*). Spid. from Canada. Ann. and Mag. of Nat. Hist., XVII, p. 42. Canada.
- D. arundinaceoides** Keyserling. N. Sp. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 665 (19), pl. 21, fig. 14. Col.
- D. borealis** Keyserling. *Ibid.*, VII, *ibid.*, 1887, p. 473 (53), pl. 6, fig. 34. Point Barrow, Alaska.
- D. bostonensis** Emerton. N. Engl. Ciniflonidæ. Trans. Conn. Ac., VII, p. 447, pl. 9, fig. 3. Mass.
- D. cruciata** *Id.* *Ibid.*, p. 448, pl. 9, fig. 6. Mass., Conn.
- D. diligens** Blackw. (*Ergatis*). Spid. fr. Montreal. Ann. and Mag. Nat. Hist., VIII, p. 429. Canada.
- D. foliata** Keyserling. N. Sp. a. Am., IV. Ver. d. z. b. Ges. Wien, 1882, p. 216, (24), pl. 15, fig. 15. Colo.
- D. frondea** Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 449, pl. 9, fig. 9. N. Engl.
- D. longispina** *Id.* *Ibid.*, p. 446, pl. 9, fig. 4. Mass.
- D. minuta** *Id.* *Ibid.*, p. 447, pl. 9, fig. 5. Conn., R. I.
- D. muraria** *Id.* *Ibid.*, p. 445, pl. 9, fig. 1. N. H., Mass., N. Y., Conn. (probably *arundinaceoides* Ksl.).

- D. pallida* Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 472 (52), pl. 6, fig. 33. D. C., Va.
- D. rubra* Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 448, pl. 9, fig. 7. Conn., Mass.
- D. sedentaria* Keyserling. N. Sp. a. Am., II. Verh. d. z. b. Ges. Wien, 1880, p. 515 (29), pl. 16, fig. 20. Md., D. C.
- D. vittata* Keyserling. N. Sp. a. Am., v. *Ibid.*, 1883, p. 663 (17), pl. 21, fig. 12. D. C.
- D. volucripes* Keyserling. N. Sp. a. Am., III. *Ibid.*, 1881, p. 286 (20), pl. 2, fig. 2. Mass., D. C., Md.
- Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 446, pl. 9, fig. 2, pl. 2, fig. 3.
- D. voluptis* Keyserling. N. Sp. a. Am., III. Verh. d. z. b. Ges. Wien, 1881, p. 285 (19), pl. 2, fig. 10. Mass., D. C.
- Keyserling. N. Sp. a. Am. v. *Ibid.*, 1883, p. 665 (18), pl. 21, fig. 13.
- Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 448, pl. 9, fig. 8.

AMAUROBIUS.

C. Koch. Uebers. d'Arachn. Syst., I, p. 15 ad part. 1837.

1841. *Ciniflo.* Blackw. The differ. in the numb. of Eyes, etc., p. 607.

1861. *Ciniflo Id.* Sp. of Gr. Brit., I, p. 139.

1888. *Amaurobius* Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 450.

- A. bennetti* Blackw. Spid. fr. Canada. Ann. and Mag. of Nat. Hist., XVII, p. 41. Canada.
- **A. claustrarius* C. Koch. Die Arachn., XII, p. 114, fig. 830. D. C., Dak., Pa., Colo., Wyo., Oregon.
- **A. ferox* Walck. (*Clubiona*). Ins. Apt., I, p. 606. N. Engl., Pa., D. C., Cal., Dak., Mont.
- Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 451. Mass., R. I., Conn.
- A. nevadensis* Simon. Bull. Soc. Zool., IX, p. 12, sep. Nev.
- A. pictus* Simon. *Ibid.* Wash.
- A. severus* Simon. *Ibid.* Wash.
- A. sylvestris* Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 451, pl. 10, fig. 1. N. Engl., (probably *claustrarius*).
- A. tibialis* Emerton. *Ibid.*, p. 452, pl. 10, fig. 3. N. H.

TITANŒCA.

Thorell. On Europ. Spid., p. 124. 1869.

- T. americana* Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 453, pl. 10, fig. 4. Conn., N. H.
- T. brunnea* Emerton. *Ibid.*, p. 453, pl. 10, fig. 5. Conn.

Family UROCTEIDÆ (Note 5).

1869. *Thorell.* On Europ. Spid., p. 110.

1875. *Simon.* Arachn. de France, II, p. 1.

THALAMIA.

Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 31. 1850.

1875. *Id.* Spid. of the U. S., ed. by Burgess, p. 140.

- T. parietalis* Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 31. *Id.*, Spid. U. S., ed. Burgess, p. 141 pl. 15, fig. 16. Ala.

Family CLUBIONIDÆ.

1878. *Clubionina* (subfam.) Simon. Arachn. de France, IV, p. 208.

1889. Marx (Note 6).

ANYPHÆNA.

Sunder. Sv. Spindl. Beser. Vet. Akad. Handl., p. 125. 1831.

1866. L. Koch. Die Arachn. fam. d. Drassiden, pp. 2, 194.

1869. Thorell. On Europ. Spid, p. 143.

1875. Simon. Arachn. de France, IV, p. 265.

1878. Bertkan. Vers. e. nat. Anordn. d. Spinn. Arch. f. Naturgesch., XLIV, p. 379.

1890. Emerton. N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac., VIII, p. 21.

A. agrestis Hentz (*Clubiona*). Journ. Bost. Soc. Nat. Hist., v, p. 453. *Id.*, Spid.

U. S., ed. Burgess, p. 88, pl. 10, fig. 21. Ala., Va., D. C., Md.

—— L. Koch. Die Arachn. fam. d. Drassiden, p. 224.

A. argentata Becker. Ann. Soc. Ent. Belgique, XXII, p. 54, pl. I, figs. 12, 13, 14. New Orleans, La.**A. calcarata** Emerton. N. Engl. Dras., etc. Trans. Conn. Ac., VIII, 1890, p. 23, pl. 6, fig. 3. Conn., N. Y.**A. conspersa** Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 453 (33), pl. 6, fig. 23. Ky.**A. fallens** Hentz (*Clubiona*). Journ. Bost. Soc. Nat. Hist., v, p. 451. *Id.*, Spid.

U. S., ed. Burgess, p. 86, pl. 10, fig. 17. Ala., Va., D. C.

—— L. Koch. Die Arachn. fam. d. Drassiden, p. 24.

A. gracilis Hentz (*Clubiona*). *Ibid.*, p. 452. *Id.*, *ibid.*, p. 86, pl. 10, fig. 19. N. C., Ala., Va., D. C., Md.

—— L. Koch. Die Arachn. fam. d. Drassiden, p. 195, pl. 8, fig. 130.

A. incerta Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 452, (32), pl. 6, fig. 22. Mass.

—— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 22, pl. 6, fig. 2.

A. inclusa Hentz (*Clubiona*). Journ. Bost. Soc. Nat. Hist., v, p. 451. *Id.*, Spid.

U. S., ed. Burgess, p. 85, pl. 10, fig. 18. S. C., N. C., D. C., Va.

—— L. Koch. Die Arachn. fam. d. Drassiden, p. 224.

A. pectorosa L. Koch: Die Arachn. fam. d. Drassiden, p. 198, pl. 8, fig. 131. Md.**A. rubra** Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 22, pl. 6, fig. 1. Mass., Conn., N. Y.**A. saltabunda** Hentz (*Clubiona*). Journ. Bost. Soc. Nat. Hist., v, p. 453. *Id.*,

Spid. U. S., ed. Burgess, p. 89, pl. 10, fig. 23. Ala., Mass., D. C., Va., Conn., Pa.

—— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 23, pl. 6, fig. 4.

A. striata Becker. Ann. Soc. Ent. Belgique, XXII, p. 84, pl. 2, fig. 8. Miss.**A. sublurida** Hentz (*Clubiona*). Journ. Bost. Soc. Nat. Hist., v, p. 543. *Id.*, Spid.

U. S., ed. Burgess, p. 88, pl. 11, fig. 1. Ala., D. C., Va.

—— L. Koch. Die Arachn. fam. d. Drassiden, p. 224.

A. velox Becker. Ann. Soc. Entom. Belgique, XXII, p. 83, pl. 2, figs. 5, 6, 7. Miss.

CLUBIONA.

Latreille. Nouv. Dict. d'Hist. Nat., XXIV, p. 134. 1804.1832. Hentz. Am. Journ. Science and Art, XXI, p. 102 *ad part.*1847. Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 449 *ad part.*1861. Blackw. Spid. of Gr. Brit., I, p. 121 *ad part.*

1866. L. Koch. Die Arachn. fam. d. Drassiden, pp. 2, 291.

1869. Thorell. On Europ. Spid., p. 144.
 1878. Simon. Arachn. de France, IV, p. 210.
 1890. Emerton. N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac., VIII, 1890, p. 15.
- C. abboti** L. Koch. Die Arachn. fam. d. Drassiden, p. 303, pl. 12, fig. 193. Md.
C. agrestis Hentz=*Anyphana agrestis*.
C. albens Hentz=*Chiracanthium albens*.
C. canadensis Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 17, pl. 5, fig. 4. N. H., Canada.
C. celer Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 452. *Id.*, Spid. U. S., ed. Burgess, p. 87, pl. 10, fig. 20. N. C., Ala.
C. crassipalpis Keyserling. N. Spid. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 438 (18), pl. 6, fig. 13. Mass., Conn., R. I., N. Y.
 ——— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 16, pl. 5, fig. 1.
C. excepta L. Koch = *pallens*.
C. fallens Hentz = *Anyphana fallens*.
C. frigidula Thorell. Spid. fr. Labrador. Proc. Bost. Soc. Nat. Hist., XVII, p. 496. Labrador.
C. gracilis Hentz = *Anyphana gracilis*.
C. immatura Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 453. *Id.*, Spid. U. S., ed. Burgess, p. 88, pl. 10, fig. 22. Ala.
C. inclusa Hentz = *Anyphana inclusa*.
C. minuta Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 17, pl. 5, fig. 11. Mass.
C. mixta Emerton. *Ibid.*, p. 16, pl. 5, fig. 2. Mass.
C. obesa Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 450. *Id.*, Spid. U. S., ed. Burgess, p. 84, pl. 10, fig. 14. Mass., N. C., Ala., D. C., Mich.
C. ornata Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 19, pl. 5, fig. 9. N. H., Mass.
C. pallens Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 449. *Id.*, Spid. U. S., ed. Burgess, p. 83, pl. 10, fig. 13. Ala., N. C., D. C., Md., Va.
excepta L. Koch. Die Arachn. fam. d. Drassiden, p. 300, pl. 12, fig. 191. Md.
 ——— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 19, pl. 5, fig. 10.
C. piscatoria Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 450. *Id.*, Spid. U. S., ed. Burgess, p. 84, pl. 10, fig. 15. Ala.
C. pusilla Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 17, pl. 5, fig. 5. Mass.
C. riparia L. Koch. Die Arachn. fam. d. Drassiden, p. 294, pl. 12, fig. 187. Md.
C. rubra Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 436 (16), pl. 6, fig. 12. Mass., Conn., N. C.
 ——— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 18, pl. 5, figs. 5, 6, 7.
C. saltabunda Hentz = *Anyphana saltabunda*.
C. sublurida Hentz = *Anyphana sublurida*.
C. tranquilla Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 450. *Id.*, Spid. U. S., ed. Burgess, p. 89, pl. 10, fig. 16. U. S.

CHIRACANTHIUM.

C. Koch. Die Arachniden, VI, p. 9. 1839.

1861. Westring. Arancac. Suec., p. 377.
 1869. Thorell. On Europ. Spid., p. 145.
 1866. L. Koch. Die Arachn. fam. d. Drass., pp. 2, 231.
 1878. Simon. Arachn. de France, IV, p. 240.

- C. albens** Hentz (*Clubiona*). Journ. Bost. Soc. Nat. Hist., v, p. 454. *Id.*, Spid. U. S., ed. Burgess, p. 89, pl. 10, fig. 24. Ala., Va., D. C., Md., Pa., Ga., Fla.
 ——— L. Koch. Die Arachn. fam. d. Drassiden, p. 270.
C. viride Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 20, pl. 5, fig. 12. Mass.

TRACHELAS.

L. Koch. Die Arachn. fam. d. Drassiden, p. 2. 1866.

1869. Thorell. On Europ. Spid., pp. 139, 142.

1878. Simon. Arachn. de France, IV, 281.

- T. ruber** Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 439 (19), pl. 6, fig. 14. Mass., Pa., Md., D. C., Va., Ga., S. C., N. C., Ala.
 ——— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 20, pl. 5, fig. 13.

HILKE.

Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, p. 444 (24). 1887.

- H. trivittata** Keyserling. *Ibid.*, p. 444 (24), pl. 6, fig. 17. Cal.

THARGALIA (Note 7).

Karsch. Zeitschr. f. ges. Naturw., LIII, p. 374. 1880.

Corinna C. Koch. Die Arachn. IX, p. 20, etc., ad part.

Geotrecha Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 4.

- T. amcena** C. Koch (*Corinna*). Die Arachn., IX, p. 21, fig. 705. Carolina, Fla., Tex., Utah.
T. bivittata Keyserling (*Castianeira*). N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 442, pl. 6, fig. 16. Mass.
 ——— Emerton (*Geotrecha*). N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 5, pl. 3, fig. 3.
T. cinctulata C. Koch (*Corinna*). *Ibid.*, p. 22, fig. 706. Pa., D. C., Md.
T. crocata Hentz (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 457. *Id.*, Spid. U. S., ed. Burgess, p. 93, pl. 11, fig. 8. Ala., Ohio, Mass., Conn., N. Y., D. C., Va.
descriptus Hentz (*Herpyllus*). *Ibid.*, p. 456. *Id.*, *ibid.*, p. 92, pl. 11, fig. 7. N. C., Ala., Mass., Pa., D. C.
Agraca crocata Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 436.
Geotrecha crocata Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 7, pl. 3, fig. 3.
T. descripta Hentz = *crocata* ♂.
T. longipalpis Hentz (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 457. *Id.*, Spid. U. S., ed. Burgess, p. 93, pl. 2, fig. 9. Ala., Ga., Fla.
T. marmorata Hentz (*Herpyllus*). *Ibid.*, p. 458. *Id.*, *ibid.*, p. 94, pl. 11, fig. 10. Ala.

- T. ornata** Hentz (*Herpyllus*). *Ibid.*, p. 456. *Id.*, *ibid.*, p. 92, pl. 2, fig. 6. N. C., Va., D. C.
- T. pinnata** Emerton (*Geotrecha*). N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 6, pl. 3, fig. 4. Mass., N. Y.
- T. tricolor** C. Koch (*Corinna*). Die Arachn., IX, p. 24, fig. 707. Pa., Colo., Utah, Nebr.
- T. trilineata** Hentz (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 460. *Id.*, Spid. U. S., ed. Burgess, p. 97, pl. 2, fig. 18. Ala., Ga., D. C., Va., Ohio, Ind.
- T. zonorina** Hentz (?) (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 460. *Id.*, Spid. U. S., ed. Burgess, p. 97, pl. 2, fig. 17. Ala., Ga., Tex.

AGRÆCA.

Westring. Aran. Suec., p. 311. 1861.

1868. L. Koch. Die Arachn. fam. d. Drassiden, p. 2.

1869. Thorell. On Europ. Spid., p. 135.

1878. Simon. Arachn. de France, IV, p. 298.

-A. crocata Keyserling = *Thargalia crocata*.

A. tristis Keyserling. N. Sp. a. Am., VII. Verh. d. z. b. Ges. Wien, p. 436 (16), pl. 6, fig. 2. Md.

A. walsinghamii Cambridge. On New Drass. Proc. Lond. Zool. Soc., XXV, 1874, p. 416. Oregon.

PHRUROLITHUS.

C. Koch. Die Arachn., VI *ad part*, p. 110. 1839.

1851. Westring. Færteckn., etc., p. 46.

1864. L. Koch. Die Arachn. fam. d. Drass., pp. 2, 224.

1890. Emerton. N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac., VIII, p. 24.

P. alarius Hentz (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 461. *Id.*, Spid. U. S., ed. Burgess, p. 98, pl. 11, fig. 20. Ala., Ga., D. C., R. I., Mass., Ohio.

—— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 25, pl. 6, fig. 5.

P. dubius Hentz (*Herpyllus*). Journ. Bost. Soc. Nat. Hist., v, p. 461. *Id.*, Spid. U. S., ed. Burgess, p. 98. S. C., D. C.

P. parvus Hentz (*Herpyllus*). *Ibid.*, p. 461. *Id.*, *ibid.*, p. 97, pl. 11, fig. 19. Ala., Ga.

P. pugnatus Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 24, pl. 6, fig. 6. Mass., Conn., D. C., Va., Colo., Utah, Wash., Oregon.

Geotrecha Emerton = *Thargalia*.

bivittata Emerton = *Thargalia bivittata*.

crocata Emerton = *Thargata crocata*,

pinnata Emerton = *Thargalia pinnata*.

Family CATADYSIDÆ (Note 8).

Thorell. On Europ. Spid., pp. 42, 43. 1869.

Bertkau. Vers. e. Nat. Anord. d. Sp. Archiv. f. Naturg., XLI, I, p. 361.

CATADYSAS (Katadysas.)

Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 287. 1850.

1869. Thorell. On Europ. Spid., pp. 43, 161.

1871. Ausserer. Beitr. z. K. d. Territel., p. 123.

1875. *Id.* Zweit. Beitr. z. K. d. Territel., p. 131.

1878. Bertkau. Vers. e. nat. Anord. d. Sp. Archiv. f. Naturg., XLI, p. 361.

C. pumilus Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 287. *Id.*, Sp. U. S., ed. Burgess, p. 160, pl. 17, fig. 16. Ala.

Family AGALENIDÆ.

1837. *Agalenides* C. Koch. Uebers. d. Arachn. Syst., I, p. 13 ad part.

1852. *Tubicola* Doleschall. Syst. Verzeichn., p. 14.

1869. *Agalenida* Thorell. On Europ. Spid., p. 127 (subfam.).

1875. *Agalenida* Simon. Arachn. de France, II, p. 13.

1890. *Agalenida* Emerton. N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac. VIII, p. 26.

AGALENA.

Walck. Tabl. d'Aran., p. 51. 1805.

1832. Hentz. Amer. Journ. Science and Arts, XXI, p. 103.

1847. Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 464.

1875. Hentz. Sp. U. S., ed. Burgess, p. 102.

1890. Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, p. 33.

A. americana Keyserling. Spinn. a. Uruguay u. a. Geg. Am. Verh. d. z. b. Ges. Wien, 1878, p. 599 (31), pl. 14, figs. 20, 21. N. A.

A. hentzii Becker. Ann. Soc. Ent. Belgique, XXII, p. 81, pl. 2, fig. 1-4. New Orleans, La.

A. nævia Walck. Bosc. MSS. Ins. Apt., II, p. 24. U. S.

— Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 465. *Id.*, Sp. U. S., ed. Burgess, p. 102, pl. 12, fig. 1, pl. 20, fig. 20.

— Cragin. Contr. to Knowl. of Arachn. of Kansas. Bull. Washburn Coll., I, No. 4, p. 146.

— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 33, pl. 8, fig. 1.

Agalena pennsylvanica C. Koch. Die Arachn., X, p. 111, fig. 828.

Agalena potterii Blackw. Sp. fr. Canada. Ann. and Mag. Nat. Hist., XVII, p. 43.

Agalenopsis albipilis Giebel. Spinn. a. Illinois. Zeitschr. f. ges. Naturw., XXXIII, p. 250.

A. pennsylvanica C. Koch = *nævia*

A. plumbea Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 465. *Id.*, Sp. U. S., ed. Burgess, p. 103, pl. 12, fig. 2. N. C., Ala.

A. potteri Blackw. = *nævia*.

Agalenopsis Giebel = *Agalena*.

A. albipilis Giebel = *Agalena nævia*.

TEGENARIA.

Latreille. Nouv. Diction d'Hist. Nat., xxiv, p. 134. 1804.

1832. Hentz. Am. Journ. Science and Arts, xxi, p. 102.

1837. *Philoica* C. Koch. Uebers d. Arachn. Syst., i, p. 13.

1847. Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 462.

1869. Thorell. On Europ. Spid., p. 129.

1875. Hentz. Spid. U. S., ed. by Burgess, p. 99.

1890. Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., viii, 1890, p. 29.

T. arboricola Walck. Abbot Ga. Sp. Ins. Apt., ii, p. 6. Ga.

T. brevis Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., viii, 1890, p. 30, pl. 7, fig. 5. N. H., Mass., Conn.

T. civilis Walck. = *derhami* Scop.

T. derhami Scopoli. Entom. Carnioli, p. 400.

— Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., viii, 1890, p. 29, pl. 7, fig. 6.

Araneus domesticus Clerk. Sv. Spindl., p. 76, pl. 2, tab. 9, fig. 2.

Aranea domestica Linn. Syst. Natural Ed., x, i, p. 620.

Tegenaria civilis Walck. Tabl. d'Aran.

Tegenaria civilis C. Koch. Die Arachn., viii, p. 37, figs. 613, 619.

Tegenaria civilis Blackw. Spid. of Gr. Brit., i, p. 166, fig. 107.

Tegenaria civilis Id. Sp. fr. Canada. Ann. Mag. Nat. Hist., xvii, p. 76.

Tegenaria medicinalis Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 462. *Id.*, Sp. U. S., ed. Burgess, p. 99, pl. 11, fig. 21, pl. 20, fig. 19.

T. flavens Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 464. *Id.*, Spid. U. S., ed. Burgess, p. 101, pl. 11, fig. 22. Ala.

T. medicinalis Hentz = *derhami*.

T. nemorensis Walck. Abbot Ga. Sp. Ins. Apt., ii, p. 10. Ga.

T. persica Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 462. *Id.*, Spid. U. S., ed. Burgess, p. 101, pl. 11, fig. 23. Ala.

T. philosteichos McCook. On Webs of New Spce. of Spid. Proc. Ac. Nat. Sc. Phila., 1876, p. 201.

CICURINA.

Menge. Preuss. Spinn., p. 271. 1871.

1875. Simon. Arachn. de France, ii, p. 20.

1890. Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., viii, 1890, p. 31.

C. arcuata Keyserling. N. Sp. a. Am., vii. Verh. d. z. b. Ges. Wien, 1887, p. 460 (40), pl. 6, fig. 25. Colo., Ill., Minn., Va., D. C., Lake Superior, Pa., N. H.

C. complicata Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., viii, 1890, p. 31, pl. 7, fig. 7. Mass.

C. nevadensis Simon. Comptes Rend. Soc. Ent. Belgique, xx, No. 70, p. 59. Nevada.

C. pallida Keyserling. N. Sp. a. Am., vii. Verh. d. z. b. Ges. Wien, 1887, p. 462 (42), pl. 6, fig. 26. D. C.

C. robusta Simon. Comptes Rend. Soc. Ent. Belgique, xx, No. 70, p. 60. Colo.

C. simplex Simon. *Ibid.*, p. 59. Wash.

C. tersa Simon. *Ibid.*, p. 58. Wash.

CYBÆUS.

L. Koch. Die Arachn. gatt. Amaur. Coel. u. Cyb., p. 46. 1868.

1869. Thorell. On Europ. Spid., p. 127.

1875. Simon. Les Arachn. de France, II, p. 16.

- C. morosus** Simon. Comptes Rend. Soc. Ent. Belgique, xx, No. 70, p. 57. Wash.
C. pusillus Simon. *Ibid.*, p. 57. Wash.
C. reticulatus Simon. *Ibid.*, p. 56. Wash.
C. signifer Simon. *Ibid.*, p. 56. Wash.

CŒLOTES.

Blackwall. The diff. in the number of eyes, etc. 1841.

1868. *L. Koch.* Die Arachn. Gatt. Amaurob. Cœlotes and Cybæus, p. 12.

1869. Thorell. On Europ. Spid., p. 128.

1890. Emerton. N. Engl. Drass., Agal., and Dysd. Trans. Conn. Ac., VIII, p. 27.

- C. calcaratus** Keyserling. N. Spid. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 470 (50), pl. 6, fig. 32. D. C., Colo., Wyo., Minn.
C. hybridus Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 29, pl. 7, fig. 4. N. Y.
C. juvenilis Keyserling. N. Spid. a. Am., III. *Ibid.*, 1881, p. 288, pl. 11, fig. 13. Ky.
C. lamellosus Keyserling. N. Spid. a. Am., VII. *Ibid.*, 1887, p. 469 (49), pl. 6, fig. 30. Va., Pa., Lake Superior.
C. longitarsus Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 28, pl. 7, fig. 2. Conn.
C. medicinalis (Note 9) Emerton. *Ibid.*, p. 27, pl. 7, fig. 1. N. Y., Mass.
C. montanus Emerton. *Ibid.*, p. 28, pl. 7, fig. 3. N. Y., Conn.
C. urbanus Keyserling. *Ibid.*, VII. *Ibid.*, p. 467 (47), pl. 6, fig. 31. D. C.

HAHNIA.

C. Koch. Die Arachn., VIII, pp. 23, 61. 1841.

1869. Menge. Preuss. Spinn., p. 251, ad part.

1869. Thorell. On Europ. Spid., p. 131.

1875. Simon. Arachn. de France, II, p. 129.

1890. Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, p. 31.

- H. agilis** Keyserling. N. Spid. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 465 (45), pl. 6, fig. 29. D. C., Dak., Pa.
H. bimaculata Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 32, pl. 7, fig. 8. Mass., Conn., N. H.
H. cinerea Emerton. *Ibid.*, p. 33, pl. 7, fig. 9. Mass., Conn.
H. magna Keyserling. *Ibid.*, p. 464 (44), pl. 6, fig. 28. Wyo.
H. radula Emerton. N. Engl. Drass., etc. Trans. Conn. Ac., VIII, 1890, p. 32. N. H.
H. riparia Keyserling. *Ibid.*, p. 463 (43), pl. 6, fig. 27. Utah.

HAMALATIVÆ (Note 10).

Keyserling. N. Spid. a. Am., VII. Verh. d. z. b. Ges. Wien, p. 457 (37). 1887.

- H. crisea** Keyserling. *Ibid.*, p. 458 (38), pl. 6, fig. 24. Fla., Va.

Family DINOPIDÆ.

1839. MacLeay. On s. n. forms of Arachn. Ann. and Mag. of N. H., II, p. 6.
 1850. *Dinopides* C. Koch. Uebers. d. Arachn. Syst., v, p. 41.
 1869. *Dinopoidæ* Thorell. On Europ. Spid., pp. 43, 198, 204.
 1873. Taczanowski. Hor. Soc. Ent. Rossicæ, x, p. 99.
 1877. Cambridge. Proc. Lond. Zool. Soc., p. 573.
 1878. Karsch. Exot. Araneol. Zeitschr. f. g. Naturw., p. 331.

DINOPIS (Deinopis).

MacLeay. Ann. and Mag. of Nat. Hist., II, p. 9. 1839.

1869. Thorell. On Europ. Spid., p. 43.
 1877. Cambridge. Proc. Lond. Zool. Soc., p. 573.
 1878. Karsh. Exot. Araneol. Zeitschr. f. g. Naturw., p. 332.

D. spinosus Marx. Proc. Acad. Nat. Sci., Philadelphia, 1889, p. 341, pl. 11, fig. a. m. Fla., Ala.

Tribus VI RETITELARIÆ.

Family PRODIDOMIDÆ (Note 11).

1875. *Miltioidæ* Thorell. On Synonyms, p. 602.

PRODIDOMUS.

Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 466. 1847.

1869. *Miltia* Simon. Revue and Mag. de Zoologie.
 1875. Hentz. Spid. of the U. S., ed. by Burgess, p. 105.
 1884. Simon. Note Synon. s. l. g. Prodidomus. Compt. rend. Soc. Ent., Belgique, p. 302 (6).

P. rufus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 467. *Id.*, Spid. U. S., ed. Burgess, p. 105, pl. 12, fig. 3, pl. 18, fig. 9. Ala.

Family THERIDIDÆ.

1837. *Theridides* C. Koch. Uebers. d. Arachn. Syst., v, p. 6, ad max. part.
 1882. *Theridiidæ* Emerton. Trans. Conn. Ac., VI, p. 1.
 1884. *Theridiidæ* Keyserling. Die Spinn. Am., Theridiidæ.

THERIDIUM.

Walck. Tabl. d'Aran., p. 72. 1805.

1832. *Theridium* Hentz. Am. Journ. of Sc. and Arts, XXI, p. 99.
 1850. *Theridium Id.* Journ. Bost. Soc. Nat. Hist., VI, p. 271.
 1875. *Theridium Id.* Spid. U. S., ed. Burgess, pp. 5, 142.
 1882. *Theridium* Emerton. N. Engl. Theridiidæ. Trans. Conn. Ac., VI, p. 8.
 1884. *Theridium* Keyserling. Die Spinn. Am., Theridiidæ, p. 3.

T. amputatum Keyserling. Die Spinn. Am., Theridiidæ, I, p. 90, fig. 58. Fla.
T. anglicanum Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 275. *Id.*, Spid. U. S., ed. Burgess, p. 146, pl. 16, fig. 6. Ala.
T. ansatum Walck. Abbot Ga. Spid. Ins. Apt., II, p. 320. Ga.

- T. antonii** Keyserling. Die Spinn. Am., Theridiidæ, I, p. 54, fig. 31. Texas.
- T. atrilabrum** Walek. Bosc. Ins. Apt., II, p. 319. Carolina.
- T. blandum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 278. *Id.*, Spid. U. S., ed. Burgess, p. 150, pl. 16, fig. 20. Ala.
- T. boreale* Hentz = *Steatoda borealis*.
- T. brassicæ** Fitch. Thirteenth Report Trans. N. Y. St. Agric. Soc., XXVII, p. 563. N. Y.
- T. cancellatum* Hentz = *Argyrodes cancellatus*.
- T. catenatum** Walek. Abbot Ga. Spid. Ins. Apt. II, p. 289. Ga.
- T. cruciatum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 275. *Id.*, Spid. U. S., ed. Burgess, p. 147, pl. 16, fig. 8. Ala.
- T. differens** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 9, pl. 1, fig. 1. N. H., Me., Mass., Conn., Va., D. C., Fla., Tex.
- Keyserling. Die Spinn. Am., Therid., I, p. 54, fig. 30.
- T. fictilium* Hentz = *Ariamnes fictilium*.
- T. flavonotatum** Becker. Ann. Soc. Ent. Belg. XXII, p. 79, pl. 1, figs. 7, 8, 9. Miss., D. C.
- T. foliaceum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 277. *Id.*, Spid. U. S., ed. Burgess, p. 149, pl. 16, fig. 14. Ala.
- T. frondeum** Hentz. *Ibid.*, p. 275. *Id.*, *ibid.*, p. 146, pl. 16, fig. 7. Ala., N. Engl., Md., Ill., D. C., Va., N. Y., Pa.
- Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 15, pl. 3, fig. 1.
- Keyserling. Die Spinn. Am., Therid., I, p. 69, fig. 42.
- T. funebre* Hentz = *Euryopsis funebris*.
- T. glaucescens** Becker. Ann. Soc. Ent. Belgique, XXII, p. 81, pl. 1, fig. 11. Miss.
- T. globosum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 279. *Id.*, Spid. U. S., ed. Burgess, p. 151, pl. 16, fig. 23. Ala., Mass., Conn.
- Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 14, pl. 2, fig. 3.
- Keyserling. Die Spinn. Am., Therid. I, p. 91, fig. 59. Ill.
- T. hypophyllum** Fitch. Thirteenth Rep. Trans. N. Y. St. Agric. Soc., XXVII, p. 564. N. Y.
- T. incissuratum** Walek. Abbot Ga. Spid. Ins. Apt., II, p. 307. Ga.
- T. intentum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 278. *Id.*, Spid. U. S., ed. Burgess, p. 150, pl. 16, fig. 19. Ala.
- T. kentuckyense** Keyserling. Die Spinn. Am., Therid. I, p. 78, fig. 47. Ky., Pa.
- T. laticeps** Keyserling. *Ibid.*, p. 96, fig. 63. Wyoming.
- T. leoninum* Hentz = *Ero furcata*.
- T. lilliputanum* Keyserling = *nicoleti*.
- T. lineatum* Hentz = *Lathrodectus mactans*.
- ***T. lineatum** Clerk (*Araneus*). Svenska Spindl., p. 60, pl. 3, tab. 10.
- Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 16, pl. 3, fig. 2. Mass.
- T. lyra** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 279. *Id.*, Spid. U. S., ed. Burgess, p. 150, pl. 16, fig. 21. Ala., Fla.
- Keyserling. Die Spinn. Am., Therid. I, p. 50, fig. 28.
- T. lyricum** Walek. Abbot Ga. Spid. Ins. Apt., II, p. 288. Ga.
- T. marmoratum* Hentz = *Lithyphantes marmoratus*.
- T. marxii** Keyserling. Die Spinn. Am., Therid. I, p. 68, fig. 41. *Ibid.*, II, p. 231. fig. 285. Alaska.
- T. montanum** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 10, pl. 1, fig. 3. N. H.
- T. morologium** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 277. *Id.*, Spid. U. S., ed. Burgess, p. 148, pl. 16, fig. 13. Ala.
- T. murarium** Emerton. N. Engl. Therid., Trans. Conn. Ac., VI, p. 11, pl. 1, fig. 5. Mass., Conn., R. I., Ill., Colo., Pa., Md., D. C., Va.
- Keyserling. Die Spinn. Am. Therid. I, p. 17, fig. 5.

- T. nicoleti** Keyserling. *Ibid.*, p. 88, fig. 56. D. C.
illiputanum Keyserling (not Nicolet). *Ibid.*, p. 88, fig. 56.
- T. opulentum** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 322. Ga.
- T. orix** Walck. Bosc. *Ibid.*, p. 313. Carolina.
- T. ornatum** Walck. Abbot Ga. Spid., *ibid.*, p. 329. Ga.
- T. oscitabundum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 275. *Id.*, Spid. U. S., ed. Burgess, p. 147, pl. 16, fig. 9. Ala.
- T. pallidum** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 321. Ga.
- T. partitum** Walck. *Ibid.*, p. 323. Ga.
- T. pascagoulensis** Becker. Ann. Soc. Ent. Belgique, XXII, p. 80, pl. 1, fig. 10. Miss.
- T. pertenne** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 283. *Id.*, Spid. U. S., ed. Burgess, p. 155, pl. 17, fig. 6. Ala.
- T. pictipes** Keyserling. Die Spinn. Am., Therid., I, p. 64, fig. 38. Fla.
- T. placens** Keyserling. *Ibid.*, p. 71, fig. 43. Wash.
- T. pullulum* Hentz=*Pholcus pullulus*.
- T. punctosparsum** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 12, pl. 1, fig. 6. N. Eng., Colo., D. C., Va., Fla.
 ——— Keyserling. Die Spinn. Am., Therid., I, p. 14, fig. 3.
- T. quadripunctatum** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 293. Ga.
 ——— Blackw. Spid. fr. Canada. Ann. and Mag. of Nat. Hist., XVII, p. 76. Canada.
- T. roscidum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 277. *Id.*, Spid. U. S., ed. Burgess, p. 149, pl. 16, figs. 15, 16. Ala., Mass.
- T. rupicola** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 14, pl. 2, fig. 2. Mass., Conn.
- T. serpentinum* Hentz=*Teutana triangulosa*.
- T. sexpunctatum** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 12, pl. 2, fig. 5. Mass., N. H.
- T. sisypoides** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 321. Ga.
- ***T. sisypum** Walck. Blackw. Spid. fr. Canada. Ann. and Mag. of Nat. Hist., XVII, p. 77. Canada.
- T. spherula* Hentz=*Theridula spherula*.
- T. spirale** Emerton. N. Eng. Therid. Trans. Conn. Ac., VI, p. 10, pl. 1, fig. 2. Mass., Conn., Md., Va., D. C., Pa., Lake Superior.
 ——— Keyserling. Die Spinn. Am., Therid., I, p. 56, fig. 33.
- T. studiosum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 274. *Id.*, Spid. U. S., ed. Burgess, p. 145, pl. 16, fig. 5. Ala., S. C., Miss., D. C., Va., Pa., N. J.
 ——— Keyserling. Die Spinn. Am., Therid., I, p. 20, fig. 7.
- T. sublatum** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 276. *Id.*, Spid. U. S., ed. Burgess, p. 147, pl. 16, fig. 10. Ala.
- ***T. tepidariorum** C. Koch. Die Arachn., VIII, p. 75, figs. 647, 648. U. S.
tepidariorum Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 13, pl. 2, fig. 1.
tepidatorium Keyserling. Die Spinn. Am., Therid., I, p. 9, fig. 1.
vulgare Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 271. *Id.*, Spid. U. S., ed. Burgess, p. 142, pl. 16, fig. 1.
- T. trigonum* Hentz=*Argyrodes argyrodes*.
- T. unimaculatum** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 15, pl. 2, fig. 4. Mass., Conn., Pa., Md., D. C., Fla.
 ——— Keyserling. Die Spinn. Am., Therid., I, p. 40, fig. 21.
- T. ventillans** Keyserling. *Ibid.*, p. 84, fig. 53. Fla.
- T. verecundum* Hentz=*Lathrodictus mactans*.
- T. zelotypum** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 11, pl. 1, fig. 4.
 ——— Keyserling. Die Spinn. Am. Therid., I, p. 25, fig. 10.

GAUCELMUS.

Keyserling. Die Spinn. Am., Therid., 1, p. 99. 1884.

G. augustinus Keyserling. *Ibid.*, p. 99, fig. 65. Fla.

ACHÆA.

Cambridge. Proc. Lond. Zool. Soc., p. 428. 1882.

1884. Keyserling. Die Spinn. Am., Therid., 1, p. 100.

***A. ignota** Keyserling. *Ibid.*, p. 112, fig. 73. D. C.

STEATODA.

Sundevall. Conspect. Arachn., p. 16 ad part. 1833.

1836. *Eucharia* C. Koch. Herr-Schaeff. Deutchl. Ins., 134, 8-11.

1837. *Eucharia* C. Koch. Uebers d. Arachn., Syst., 1, p. 7.

1869. *Eucharia* Menge. Preuss. Spinn., p. 260.

1882. *Steatoda* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 18 ad part.

1884. *Steatoda* Keyserling. Die Spinn. Am., Therid., 1, p. 114.

S. borealis Hentz (*Theridium*). Journ. Bost. Soc. Nat. Hist., VI, p. 274. *Id.*, Spid.

U. S., ed. Burgess, p. 145, pl. 16, fig. 4. U. S.

—— Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 19, pl. 4, fig. 1.

—— Keyserling. Die Spinn. Am. Therid., 1, p. 119, fig. 77.

S. corollata Emerton=*Lithyphantis corollatus*.

S. guttata Emerton=*Crustulina stricta*.

S. marmorata Emerton=*Lithyphantes marmoratus*.

S. nigra Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 21, pl. 4, fig. 4.
Mass., D. C.

S. triangulosa Emerton=*Teutana triangulosa*.

TEUTANA.

Simon. Arachn. de France, v, p. 161. 1881.

1884. Keyserling. Die Spinn. Am. Therid., 1, p. 121.

***T. triangulosa** Walck. Faune Paris, II, p. 207.

—— Keyserling. Die Spinn. Am. Therid., 1, p. 122, fig. 78.

Theridium triangulifer Walck. Ins. Apt., II, p. 324.

Theridium venustissima C. Koch. Die Arachn., IV, p. 114, fig. 322.

Theridium serpentinum Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 273.

Id. Spid. U. S., ed. Burgess, p. 144, pl. 16, fig. 2.

Steatoda triangulosa Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 22.

NESTICUS.

Thorell. On Europ. Spid., p. 88. 1869.

N. carteri Emerton. Spid. fr. caves in Ky., Va. and Ind. Am. Natural., IX, p. 279, pl. 1, fig. 28. Ky.

N. pallidus Emerton. *Ibid.*, p. 279, pl. 1, figs. 22-27. Va.

LITHYPHANTES.

Thorell. On Europ. Spid., p. 94. 1869.

1882. *Steatoda* Emerton. N. Engl. Therid. Trans. Conn. Ac., vi, p. 21 ad part.

1884. *Lithyphantes* Keyserling. Die Spinn. Am., Therid., i, p. 128.

**L. corollatus* Linn. (*Aranea*). Syst. Nat. Ed., x, i, p. 621 Mass., N. Y., Colo., Pa.,
Utah, Dak., Lake Superior.

——— *Thorell.* Bull. U. S. Geol. Surv. Terr., iii, No. 2, p. 487.

——— *Keyserling.* Die Spinn. Am., Therid., i, p. 129, fig. 81.

Theridium maculatum Walck. Tabl. d'Aran., p. 74.

Theridium albomaculatum Hahn. Die Arachn., i, p. 79, fig. 59.

Phrurolithus corollatus C. Koch. *Ibid.*, vi, p. 100, figs. 504-505.

Eucharia albomaculata Menge. Preuss. Spinn., p. 264, tab. 155.

Steatoda corollata Emerton. N. Engl. Therid. Trans. Conn. Ac., vi, p. 21,
pl. 4, fig. 5.

L. fulvus Keyserling. Die Spinn. Am., Therid., i, p. 142, fig. 89. Utah, Tex.

L. marmoratus Hentz (*Theridium*). Journ. Bost. Soc. Nat. Hist., vi, p. 273. *Id.*,
Spid. U. S., ed. Burgess, p. 144, pl. 16, fig. 3. Ala., Mass., Pa., Va., D. C.,
Md., Colo.

——— *Keyserling.* Die Spinn. Am., Therid., i, p. 136, fig. 84.

L. tectus Keyserling. *Ibid.*, p. 138, fig. 86.

Steatoda marmorata Emerton. N. Engl. Therid. Trans. Conn. Ac., vi, p.
20, pl. 4, fig. 3.

L. pulcher Keyserling. Die Spinn. Am., Therid., i, p. 137, fig. 85. Wash.

L. septemmaculatus Keyserling. *Ibid.*, p. 141, fig. 88. Colo., Fla.

L. tectus Keyserling = male of *marmoratus*.

LATHRODECTUS.

Walck. Tabl. d'Aran., p. 81. 1805.

1884. *Keyserling.* Die Spinn. Am., Therid., i, p. 144.

**L. mactans* Fabr. Entom. Syst., ii, p. 410. Pa., Ohio, Colo., Utah, Southern
States.

——— *Walck.* Ins. Apt., i, p. 648.

——— *Keyserling.* Die Spinn. Am., Therid., p. 145, fig. 91.

formidabilis Walck. Ins. Apt., i, p. 647.

variolus Walck. *Ibid.*, p. 647.

dotatus C. Koch. Die Arachn., viii, p. 115, fig. 683.

mactans C. Koch. *Ibid.*, p. 115, fig. 682.

Theridium verecundum Hentz. Journ. Bost. Soc. Nat. Hist., vi, p. 280. *Id.*,
Spid. U. S., ed. Burgess, p. 153, pl. 17, figs. 1, 2.

Theridium lineatum Hentz. *Ibid.*, p. 281. *Id.*, *ibid.*, p. 154, pl. 17, fig. 3.

Tetragnatha zorilla Walck. (Bosc. MSS.). Ins. Apt., ii, p. 221.

**L. geometricus* Keyserling. Die Spinn. Am. Therid., i, p. 148, fig. 92. Cal.

CHRYSSO.

Cambridge. Proc. Lond. Zool. Soc., p. 429. 1882.

1884. *Keyserling.* Die Spinn. Am., Therid., i, p. 150.

**L. albomaculata* Cambridge. Proc. Lond. Zool. Soc., p. 429, pl. 30, fig. 6. Fla., Ga., Ariz.

—— Keyserling. Die Spinn. Am., Therid., I, p. 152, fig. 94.

HILDBOLDA.

Keyserling. Die Spinn. Am., Therid., I, p. 157. 1884.

H. simonii Keyserling. *Ibid.*, p. 157, fig. 97. Mass.

ARIAMNES.

Thorell. On Europ. Spid., p. 37. 1869.

1857. *Ariadne* Dolesch. Bijdr. t. d. Kenn. d. Arachu.

1872. *Romphoa* L. Koch. Die Arachn. Austral., p. 289.

1882. *Argyrodes* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 24 ad part.

1884. *Ariamnes* Keyserling. Die Spinn. Am., Therid., I, p. 167.

A. fictilium Hentz (*Theridium*). Journ. Bost. Soc. Nat. Hist., VI, p. 282. *Id.*, Spid. U. S., ed. Burgess, p. 155, pl. 17, fig. 4. Mass., D. C., Va., Fla.

—— Keyserling. Die Spinn. Am., Therid., I, p. 170.

Argyrodes fictilium Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 24, pl. 5, fig. 2.

SPINTHARUS.

Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 156. 1850.

1875. *Id.* Spid. U. S., ed. Burgess, p. 156.

1882. Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 28.

1884. Keyserling. Die Spinn. Am., Therid., I, p. 176.

S. flavidus Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 284. *Id.*, Spid. U. S., ed. Burgess, p. 157, pl. 17, fig. 8. Ala., Fla., Va., D. C., Md., Pa., N. Y., Mass., Conn.

—— Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 28, pl. 5, fig. 2.

—— Keyserling. Die Spinn. Am., Therid., I, p. 176, fig. 107.

ARGYRODES.

Simon. Hist. Nat. d'Araign., p. 253. 1864.

1882. Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 23.

1884. Keyserling. Die Spinn. Am., Therid., I, p. 179.

1881. *Conopistha* Karsch. Diagn. Arachn. Japon. Berl. Ent. Zeitschr., XXV, p. 39.

**A. argyrodes* Walck (*Linyphia*). Abbot Ga. Spid. Ins. Apt., II, p. 282. Me., Conn., N. Y., D. C., Va., S. C., Fla.

—— Keyserling. Die Spinn. Am., Therid., I, p. 181, fig. 109.

Theridium trigonum Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 280. *Id.*, Spid. U. S., ed. Burgess, p. 152, pl. 16, figs. 24, 25, pl. 19, figs. 117, 131, pl. 21, fig. 14.

Argyrodes trigonum Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 23, pl. 5, fig. 1.

A. cancellatus Hentz (*Theridium*). Journ. Bost. Soc. Nat. Hist., VI, p. 278. *Id.*, Spid. U. S., ed. Burgess, p. 149, pl. 16, figs. 17, 18. Ala., D. C., Conn.

—— Keyserling. Die Spinn. Am., Therid., II, p. 243, fig. 297.

Lasseola cancellata Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 26, pl. 5, fig. 4.

- A. globosus** Keyserling. Die Spinn. Am., Therid., I, p. 204, fig. 123. Fla.
A. larvatus Keyserling. *Ibid.*, p. 197, fig. 118. Texas.
A. montanus Keyserling. *Ibid.*, p. 193, fig. 115. D. C., Va.
***A. nephilæ** Taczanowski. Hor. Soc. Ent. Rossicæ, x, 51. Fla., Ala., La.
 ——— Keyserling. Die Spinn. Am., Therid., I, p. 184, fig. 110.
A. trigonum Emerton = *argyroides*.
A. trituberculatus Becker. Ann. Soc. Ent. Belgique, xxii, p. 79. pl. 1, figs. 1, 2, 3.
 Miss.
 ——— Keyserling. Die Spinn. Am., Therid., I, p. 203, fig. 122.

EPISINUS.

- Latreille*. Gen. Crust. et Insect., IV, p. 371. 1809.
 1884. Keyserling. Die Spinn. Am., Therid., I, p. 205.
***E. truncatus** Walek. Latr. Gen. Crust. et Ins., IV, p. 371. D. C., Va.
 ——— Keyserling. Die Spinn. Am., Therid., I, p. 209.
Theridium angulatum Blackw. Spid. of Gr. Brit., II, p. 202, pl. 15, fig. 133.

COLEOSOMA.

- Cambridge*. Proc. Lond. Zool. Soc., p. 426. 1882.
 1884. Keyserling. Die Spinn. Am., Therid., I, p. 211.
***C. blandum** Cambridge. Proc. Lond. Zool. Soc., 1882, p. 427, pl. 29, fig. 3. Fla.
 ——— Keyserling. Die Spinn. Am., Therid., I, p. 212, fig. 127.

BELLINDA.

- Keyserling*. Die Spinn. Am., Therid., I, p. 216. 1884.
B. cancellata Keyserling. *Ibid.*, p. 216, fig. 130. Fla.

ASAGENA.

- Sunderall*. Conspect. Arachn., p. 19. 1833.
 1882. Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 22.
 1884. Keyserling. Die Spinn. Am., Therid., II, p. 1.
A. americana Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 23, pl. 6, fig. 6.
 D. C., Va., Md., Pa., N. Y., Mass., Conn.
 ——— Keyserling. Die Spinn. Am., Therid., II, p. 2, fig. 135.

MIMETUS.

- Hentz*. Am. Journ. of Sci. and Arts, XXI, p. 104. 1832.
 1850. Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 31.
 1875. Hentz. Spid. U. S., ed. Burgess, p. 137.
 1881. Simon. Arachn. d. France, v, p. 28.
 1882. Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 16.
 1886. Keyserling. Die Spinn. Am., Therid., II, p. 5.
 1870. *Ctenophora* Blackw. Ann. and Mag. of Nat. Hist, v, p. 401.
M. epeiroides Emerton = *interfector*.

- M. interfactor** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 32. *Id.*, Spid. U. S., ed. Burgess, p. 138, pl. 15, figs. 12, 13. D. C., Fla., Tex., Ala., Utah, N. Y., Mass., Conn., Pa., Md.
- Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 16, pl. 3, fig. 3.
- Keyserling. Die Spinn. Am., Therid., II, p. 7, fig. 137.
- cpairoides* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 17, pl. 3, fig. 4.
- tuberosus* Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 34. *Id.*, Spid. U. S., ed. Burgess, p. 139, pl. 15, fig. 14.
- M. syllepsicus** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 34. *Id.*, Spid. U. S., ed. Burgess, p. 140, pl. 15, fig. 15.
- M. tuberosus* Hentz = *interfactor*.

ERO.

C. Koch. Uebers. d. Arachn. Syst., I, p. 8. 1837.

1882. Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 17.
1886. Keyserling. Die Spinn. Am., Therid., II, p. 12.

- *E. furcata** Villers (*Aranca*). Car. Lin. Ent., IV, p. 129. Mass., Conn.
- Keyserling. Die Spinn. Am., Therid., II, p. 13, fig. 140.
- Ero variegata* C. Koch. Herr-Schaeff. Deutschl. Ins., 138, 5, 6.
- Theridium variegatum* Walek. Ins. Apt., II, p. 332.
- Theridium leoninum* Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 276.
- Theridium variegatum* Blackw. Spid. of Gr. Brit., II, p. 203, pl. 15, fig. 134.
- Ero variegata* Menge. Preuss. Spinn., p. 147, pl. 28, tab. 61.
- Ero thoracica* Thorell. On Europ. Spid., p. 77.
- Ero thoracica* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 18, pl. 3, fig. 5.

THERIDULA.

Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 25. 1882.

1886. Keyserling. Die Spinn. Am., Therid., II, p. 29.

- T. quadripunctata** Keyserling. *Ibid.*, p. 32, fig. 151. Fla.
- T. sphaerula** Hentz (*Theridium*). Journ. Bost. Soc. Nat. Hist., VI, p. 279. *Id.*, Spid. U. S., ed. Burgess, p. 151, pl. 16, fig. 22. Ga., Pa., D. C., Va., N. Engl.
- Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 25, pl. 5, fig. 3.
- Keyserling. Die Spinn. Am., Therid., II, p. 33, fig. 152.

ULESANIS.

L. Koch. Die Arachu. Austral., p. 242. 1872.

1873. *Oroodcs* Simon. Mem. Soc. R. Sc. Liege, p. 128.
1873. *Stegosoma*. Camb. Proc. Lond. Zool. Soc., p. 127.
1879. *Sudabe*. Karsch. Verh. d. Nat. Ver. d. Rheinl., p. 103.
1882. *Ulesanis* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 28.
1886. *Ulesanis* Keyserling. Die Spinn. Am. Therid., II, p. 16.

- U. americana** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 28, pl. 6, fig. 1. Ga., Fla., D. C., Mass., Conn.
- Keyserling. Die Spinn. Am., Therid., II, p. 17, fig. 142.

CRUSTULINA.

Menge. Preuss. Spinn., p. 168. 1868.

1886. Keyserling. Die Spinn. Am., Therid., II, p. 36.

1882. *Steatoda* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 20 ad part.

**C. sticta* Cambridge (*Theridion*). Ann. and Mag. Nat. Hist., VII, 1861, p. 432. Mass., Pa., D. C., Md., Va.

—— Keyserling. Die Spinn. Am., Therid., II, p. 37, fig. 154.

Theridium stictum Blackw. Spid. Gr. Brit., II, p. 196, pl. 14, fig. 126.

Steatoda guttata Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 20, pl. 4, fig. 2.

DIPCENA.

Thorell. On Europ. Spid., p. 91. 1869.

1868. *Pachydactylus* Menge. Preuss. Spinn., p. 176.

1881. *Lasvola* Simon. Arachn. d. France, V, p. 136.

1886. *Dipana* Keyserling. Die Spinn. Am., Therid., II, p. 40.

D. buccalis Keyserling. *Ibid.*, p. 42, fig. 157. Pa., Va., N. Y.

D. crassiventris Keyserling. *Ibid.*, p. 41, fig. 156. Ga.

EURYOPIS.

Menge. Preuss. Spinn., p. 174. 1868.

1882. Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 26.

1886. Keyserling. Die Spinn. Am., Therid., II, p. 46.

E. argentea Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 27, pl. 5, fig. 5. Fla., Conn.

—— Keyserling. Die Spinn. Am., Therid., II, p. 50, fig. 162.

E. funebris Hentz (*Theridium*). Journ. Bost. Soc. Nat. Hist., VI, p. 276. *Id.*, Spid.

U. S., ed. Burgess, p. 148, pl. 16, fig. 11. Ala., Mass., Conn., Pa., Md., D. C., Va., Utah, N. Mex., Ga., S. C.

—— Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 27, pl. 5, fig. 6.

—— Keyserling. Die Spinn. Am., Therid., II, p. 49, fig. 161.

LINYPHIA.

Latreille. Nouv. Diction. d'Hist. Nat., XXIV, p. 134. 1804.

1866. *Bathyphantes* Menge. Preuss. Spinn., p. 111.

1866. *Pedina id.* *Ibid.*, p. 125.

1866. *Helophora id.* *Ibid.*, p. 126.

1866. *Stylophora id.* *Ibid.*, p. 128.

1866. *Lepthyphantes id.* *Ibid.*, p. 131.

1866. *Bolyphantes id.* *Ibid.*, p. 134.

1866. *Drapetisca id.* *Ibid.*, p. 140.

1884. *Bolyphantes* Simon. Arachn. de France, V, p. 209.

1884. *Lepthyphantes id.* *Ibid.*, p. 265.

1884. *Bathyphantes id.* *Ibid.*, p. 333.

1882. *Linyphia* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 60.

1882. *Stemonyphantes id.* *Ibid.*, p. 64.

1882. *Diplostyla id.* *Ibid.*, p. 65.

1882. *Drapetisca id.* *Ibid.*, p. 65.

1882. *Helophora id.* *Ibid.*, p. 67.

1882. *Bathyphantes* id. *Ibid.*, p. 68.
1882. *Bolyphantes* id. *Ibid.*, p. 72.
1886. *Linyphia* Keyserling. *Die Spinn. Am., Therid.*, II, p. 51.
- L. alpina** Emerton (*Bathyphantes*). *N. Engl. Therid. Trans. Conn. Ac.*, VI, p. 70, pl. 22, fig. 4. N. H.
- L. angulata** Emerton (*Bathyphantes*). *Ibid.*, p. 71, pl. 22, fig. 5. Conn.
- L. arctica** Keyserling. *Die Spinn. Am., Therid.*, II, p. 85, fig. 179. Alaska.
- L. arcuata** Keyserling. *Ibid.*, p. 74, fig. 173. Wash.
- L. argyroides* Walck. = *Argyrodes argyroides*.
- L. autumnalis** Hentz. *Journ. Bost. Soc. Nat. Hist.*, VI, p. 30. *Id.*, *Spid. U. S.*, ed. Burgess, p. 135, pl. 15, fig. 9. Me., Mass.
- L. bihamata** Emerton (*Bathyphantes*). *N. Engl. Therid. Trans. Conn. Ac.*, VI, p. 72, pl. 13, fig. 4. N. H.
- L. brevipes** Keyserling. *Die Spinn. Am., Therid.*, II, p. 87, fig. 181. Wash.
- ***L. bucculenta** Clerk (*Araneus*). *Sv. Spindl.*, p. 63, pl. 4, tab. 1. D. C., Mass., Conn., Va.
Aranca lineata Linn. *Syst. Nat. Ed.*, x, 1, p. 620.
Aranca trilineata Linn. *Syst. Nat. Ed.*, XII, 1, p. 1031.
Theridium reticulatum Hahn. *Die Arachn.*, II, p. 39, fig. 124.
Linyphia reticulata Walck. *Ins. Apt.*, II, p. 260.
Bolyphantes trilineatus C. Koch. *Die Arachn.*, VIII, p. 67, fig. 641.
Neriene trilineata Blackw. *Spid. of Gr. Brit.*, II, p. 279, fig. 193.
Stemonyphantes trilineatus Menge. *Preuss. Spinn.*, p. 139, tab. 58.
Stemonyphantes bucculentus Emerton. *N. Engl. Therid. Trans. Conn. Ac.*, VI, p. 64, pl. 20, fig. 1.
Linyphia lineata Keyserling. *Die Spinn. Am., Therid.*, II, p. 64, fig. 167.
- L. canadensis** Emerton (*Diplostyla*). *N. Engl. Therid. Trans. Conn. Ac.*, VI, p. 66, pl. 21, fig. 1. Canada.
- L. clathrata* Sundwall = *Frontina clathrata*.
- L. coccinea* Hentz = *Frontina coccinea*.
- L. communis** Hentz. *Journ. Bost. Soc. Nat. Hist.*, VI, p. 28. *Id.*, *Spid. U. S.*, ed. Burgess, p. 132, pl. 15, fig. 4. U. S.
- Emerton. *N. Engl. Therid. Trans. Conn. Ac.*, VI, p. 62, pl. 8, fig. 2.
- Keyserling. *Die Spinn. Am., Therid.*, II, p. 78, fig. 175.
- L. complicata** Emerton (*Bathyphantes*). *N. Engl. Therid. Trans. Conn. Ac.*, VI, p. 72, pl. 24, fig. 8. N. H.
- ***L. concolor** Reuss. *Zool. Misc. Arachn.*, p. 261, pl. 18, fig. 3. D. C., Mass., Conn., Canada.
- Keyserling. *Die Spinn. Am., Therid.*, II, p. 81, fig. 177.
Theridium filipes Blackw. *Spid. of Gr. Brit.*, II, p. 206, pl. 16, fig. 136.
Stylophora concolor Menge. *Preuss. Spinn.*, p. 128, pl. 24, tab. 51.
Diplostyla concolor Emerton. *N. Eng. Therid. Trans. Conn. Ac.*, VI, p. 66, pl. 20, fig. 3.
Bathyphantes concolor Simon. *Arachn. d. France*, v, p. 336.
- L. conferta** Hentz. *Journ. Bost. Soc. Nat. Hist.*, VI, p. 30. *Id.*, *Spid. U. S.*, ed. Burgess, p. 135, pl. 15, fig. 7. Ala.
- L. costata* Hentz = *phrygiana*.
- L. digna** Keyserling. *Die Spinn. Am., Therid.*, II, p. 68, fig. 169. Wash., Cal.
- L. drassoides** Emerton (*Bolyphantes*). *N. Engl. Therid. Trans. Conn. Ac.*, VI, p. 72, pl. 23, fig. 5. Conn.
- L. emertonii** Thorell. *Spid. fr. Labrador. Proc. Bost. Soc. Nat. Hist.*, XVII, p. 494. Labrador.
- L. fructuosa** Keyserling. *Die Spinn. Am., Therid.*, II, p. 72, fig. 171. Utah.
- L. galbea** Keyserling. *Ibid.*, p. 83, fig. 178. Ga., D. C.

- L. grandæva** Keyserling. *Ibid.*, p. 92, fig. 185. Pa.
L. incerta Emerton = *Willibaldia incerta*.
- ***L. insignis** Blackw. Linn. Trans, XVIII, p. 662. Pa., Mass.
 ——— Keyserling. Die Spinn. Am., Therid., II, p. 80, fig. 176.
Helophora pallescens Menge. Preuss. Spinn., p. 227, tab. 50.
Helophora insignis Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 67,
 pl. 21, fig. 3.
- L. lemniscata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 263. Ga.
L. lineata Keyserling (Linn) = *bucculenta*.
- L. litigiosa** Keyserling. Die Spinn. Am., Therid., II, p. 62, fig. 166. Wash.
- L. mandibulata** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 64, pl. 19,
 fig. 2. Me., N. H., Mass., N. Y., Pa., Md., D. C., Va., Lake Superior.
- ***L. marginata** C. Koch. Herr-Schaeff. Deutschl. Ins., 127, 21, 22.
 ——— Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 61, pl. 18, fig. 1.
 ——— Keyserling. Die Spinn. Am., Therid., II, p. 58, fig. 164.
Araneus triangularis Clerk. Sv. Spindl., p. 71 ad partem, pl. 3, table 2.
Linyphia triangularis Walck. Ins. Apt., II, p. 140.
Linyphia marginata C. Koch. Die Arachn., XII, p. 118, figs. 1041, 1042.
Linyphia marmorata Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 29. *Id.*,
 Spid. U. S., ed. Burgess, p. 133, pl. 15, fig. 5.
Linyphia scripta Hentz. *Ibid.*, p. 24. *Id.*, *ibid.*, p. 134, pl. 15, fig. 6.
Linyphia triangularis Blackw. Spid. of Gr. Brit., II, p. 212, fig. 139.
L. marmorata Hentz = *marginata*.
- L. micaria** Emerton (*Bathypantes*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 71,
 pl. 22, fig. 6. Conn.
- ***L. minuta** Blackw. Charact. of s. undeser. gen., etc. Lond. and Edinb. Phil.
 Mag., 3 Ser., III, p. 191. Mass.
Lephyphantes musciola Menge. Preuss. Spinn., p. 133, pl. 25, tab. 54.
Bathypantes minuta Emertou. N. Engl. Therid. Trans. Conn. Ac., VI, p.
 68, pl. 21, fig. 4.
- ***L. nebulosa** Sundevall. Sv. Spindl. Beser. in Vet. Akad. Handl., 1829, p. 218.
 Ga., D. C., Mass., Conn.
 ——— Keyserling. Die Spinn. Am., Therid., II, p. 75, fig. 174.
furcula C. Koch. Die Arachn., XII, p. 116, fig. 1040.
circumflera C. Koch. *Ibid.*, p. 128, fig. 1050.
vivax Blackw. Spid. of Gr. Brit., II, p. 221, fig. 146.
Lephyphantes crypticola Menge. Preuss. Spinn., p. 133, pl. 25, tab. 54.
Lephyphantes nebulosa Thorell. On synonyms, p. 54.
Bathypantes nebulosus Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p.
 69, pl. 22, fig. 1.
Lephyphantes nebulosus Simon. Arachn. d. France, v, p. 273.
- L. neophita** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 31. *Id.*, Spid. U. S., ed.
 Burgess, p. 136, pl. 15, fig. 10. N. C.
- ***L. nigrina** Westring. Foerdeckn., etc., p. 38, 1851. N. H., Mass., R. I., Md., D. C.
pulla Blackw. Spid. of Gr. Brit., II, p. 234, fig. 156.
Bathypantes terriolus Menge. Preuss. Spinn., p. 112, pl. 19, tab. 38.
Diplostyla nigrina Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 65,
 pl. 20, fig. 2.
- L. orophila** Thorell. Bullet. U. S. Geol. Surv. Terr., III, No. 2, p. 480. Col.
- ***L. phrygiana** C. Koch. Die Arachn., III, p. 83, figs. 229, 230. N. Engl., Atlantic,
 Middle, and Southern States.
 ——— Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 63, pl. 19, fig. 1.
 ——— Keyserling. Die Spinn. Am., Therid., II, p. 60, fig. 164.
costata Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 31. *Id.*, Spid. U. S., ed.
 Burgess, p. 136, pl. 15, fig. 11.

- ***L. pusilla** Sundevall. Sv. Spindl. Beskr. Vet. Akad. Handl., 1829, p. 214.
 ——— Keyserling. Die Spinn. Am., Therid., II, p. 55, fig. 163.
Theridium signatum Hahn. Die Arachn., II, p. 40, fig. 125.
Theridium ampulaceum Walck. Ins. Apt., II, p. 336.
Linyphia fuliginea Blackw. Spid. of Gr. Brit., II, p. 216, fig. 142.
- L. pyramidea** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 261. Ga.
L. radiata Walck. *Ibid.*, p. 262. Ga.
L. reducta Keyserling. Die Spinn. Am., Therid., II, p. 73, fig. 172. Wash.
L. rufa Walck. Abbot Ga. Spid. Ins. Apt., II, p. 284. Ga.
L. rubrofasciata Keyserling. Die Spinn. Am., Therid., II, p. 66, fig. 168. Wash.
L. sabulosa Keyserling. *Ibid.*, p. 70, fig. 170. Utah.
L. scripta Hentz = *marginata*.
L. sitkænsis Keyserling. Die Spinn. Am., Therid., II, p. 86, fig. 180. Alaska.
***L. socialis** Sundevall. Sv. Spindlar Beskr. Vet. Akad. Handl., 1832, p. 260. N. H.,
 Mass., D. C.
annulipes Blackw. Charact. of s. undescr. gen., etc., p. 348.
tigrina Reuss. Zool. Misc. Arachn., p. 256, pl. 17, fig. 11.
sepium C. Koch. Uebers d. Arachn. Syst., I, p. 10.
bucculenta Walck. Ins. Apt., II, p. 274.
Meta tigrina C. Koch. Die Arachn., VIII, p. 130, figs. 1051, 1052.
Linyphia socialis Blackw. Spid. of Gr. Brit., II, p. 222, fig. 147.
Drapetisca socialis Menge. Preuss. Spid., p. 141, pl. 27, tab. 59.
Drapetisca socialis Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 67,
 pl. 21, fig. 2.
- L. subalpina** Emerton (*Bathyphantes*). N. Engl. Therid. Trans. Conn. Ac., VI, p.
 70, pl. 22, fig. 3. N. H.
L. subterranea Emerton = *Phanetta subterranea*.
L. tatrix Walck. Abbot Ga. Spid. Ins. Apt., II, p. 281. Ga.
L. weyeri Emerton. Spid. fr. Caves in Ky., Va., Ind. Am. Natural., IX, p. 279,
 pl. 1, figs. 7-12. Va.
 ——— Packard. The Cave Fauna of N. A. Nation. Ac. Sc., IV, mem. 1, p. 57.
L. zebra Emerton (*Bathyphantes*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 69,
 pl. 22, fig. 2. Mass., Conn.

Stemonyphantes Menge = *Linyphia*.

Preuss. Spinn., 138, 1866.

S. bucculentus (Clerk.) Emerton = *Linyphia bucculenta*.

Diplostila Emerton = *Linyphia*.

N. Engl. Therid. Trans. Conn. Ac., VI, p. 65.

D. canadensis Emerton = *Linyphia canadensis*.

D. concolor (Reuss.) Emerton = *Linyphia concolor*.

D. nigrina (Westr.) Emerton = *Linyphia nigrina*.

Drapetisca Menge = *Linyphia*.

Preuss. Spinn., p. 140.

D. socialis (Menge) Emerton = *Linyphia socialis*.

Helophora Menge = *Linyphia*.

Preuss. Spinn., p. 127.

H. insignis (Blackw.) Emerton = *Linyphia insignis*.

Bolyphantes C. Koch = *Linyphia*.

Uebers. d. Arachn. Syst., I, p. 9.

B. drassoides Emerton = *Linyphia drassoides*.

Bathyphantes Menge = *Linyphia*.

Preuss. Spinn., p. 111.

B. alpina Emerton = *Linyphia alpina*.

B. angulata id. = *Linyphia angulata*.

B. bihamata id. = *Linyphia bihamata*.

B. complicata id. = *Linyphia complicata*.

B. formica id. = *Erigone formica*.

B. micaria id. = *Linyphia micaria*.

B. minuta (Blackw.) Emerton = *Linyphia minuta*.

B. nebulosa (Sund.) Emerton = *Linyphia nebulosa*.

B. subalpina Emerton = *Linyphia subalpina*.

B. zebra Emerton = *Linyphia zebra*.

LABULLA.

Simon. Arachn. de France, v, p. 261. 1884.

1886. Keyserling. Die Spinn. Am., Therid., II, p. 93.

L. altiocolata Keyserling. *Ibid.*, p. 94, fig. 186. Wash.

FRONTINA.

Simon. Arachn. de France, v, p. 206. 1884.

1886. Keyserling. Die Spinn. Am., Therid., II, p. 96.

F. adstricta Keyserling. *Ibid.*, p. 116, fig. 199. Utah.

***F. clathrata** Sundevall (*Linyphia*). Sv. Spindl. Beser. Vet. Akad. Handl., 1829, p. 218.

—— Keyserling. Die Spinn. Am., Therid., II, p. 98, fig. 187.

Linyphia luctuosa C. Koch. Die Arachn., XII, p. 111, fig. 1037.

Nerienne marginata Blackw. Spid. of Gr. Brit., II, p. 299, fig. 167.

Linyphia clathrata Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 62, pl. 18, fig. 3.

F. coccinea Hentz (*Linyphia*). Journ. Bost. Soc. Nat. Hist., VI, p. 30. *Id.*, Spid. U. S., ed. Burgess, p. 135, pl. 15, fig. 8. Mass., D. C., Va., Ill., Pa.

—— Keyserling. Die Spinn. Am., Therid., II, p. 100, fig. 188.

ANTROBIA.

Telkampf. Wieg. Archiv. f. Nat. Gesch., p. 318. 1884.

1875. Emerton. Notes on Spid. fr. caves, etc. Am. Natural., IX, p. 278.

1886. Keyserling. Die Spinn. Am., Therid., II, p. 121.

A. mammothia Telkampf. Wieg. Arch. f. Nat. Gesch., 1884, p. 318, pl. 8, figs. 13-17. Mam. Cave, Ky.

—— Emerton. Spid. fr. caves in Ky., Va. and Ind. Am. Natural., IX, p. 280, pl. 1, figs. 1-6.

—— Keyserling. Die Spinn. Am., Therid., II, p. 122, fig. 203.

—— Packard. The cave fauna of N. A. Nation. Ac. Sc., IV, mem. 1, p. 58.

WILLIBALDIA.

Keyserling. Die Spinn. Am., Therid., II, p. 122. 1886.

W. cavernicola Keyserling. *Ibid.*, p. 123, fig. 204. Reynolds' cave, Ky.

W. incerta Emerton (*Linyphia*). Spid. fr. caves in Ky., Va., and Ind. Am. Nat., IX, p. 280, pl. 1, figs. 13-21.

—— Packard. Cave fauna of N. A. Nation. Ac. Sc., IV, mem. 1, p. 57.

PHANETTA.

Keyserling. Die Spinn. Am., Therid., II, p. 124. 1886.

P. subterranea Emerton (*Linyphia*). Spid. fr. caves in Ky., Va., and Ind. Am. Natural., IX, p. 279, pl. 1, figs. 29-31. Ky. caves.

—— Keyserling. Die Spinn. Am., Therid., II, p. 125, fig. 205.

—— Packard. The cave fauna of N. Am. National Ac. Sc., IV, mem. 1, p. 57.

PEDANOSTETHUS.

Simon. Arch. de France, V, p. 195. 1884.

1886. Keyserling. Die Spinn. Am., Therid., II, p. 126.

1866. *Otenium* Menge. Preuss. Spinn., p. 292.

P. lividus Blackw. (*Nerienne*). Loud. and Edinb. Phil. Mag., 3, ser. VIII, p. 468. Alaska.

***P. lividus** Blackw. Spid. of Gr. Brit., II, p. 486, fig. 169.

—— Keyserling. Die Spinn. Am., Therid., II, p. 126, fig. 206.

Erigone livida Thorell. On Synonyms, p. 131.

Erigone truncorum L. Koch. Beitr. z. Arachn. Fauna Tyrols., II, p. 261.

P. riparius Keyserling. Die Spinn. Am., Therid., II, p. 265, fig. 313. Lake Superior.

SATILATLAS.

Keyserling. Die Spinn. Am., Therid., II, p. 127. 1886.

S. marzii Keyserling. *Ibid.*, p. 127, fig. 207. Alaska.

PHOLCOMMA (Note 13).

Thorell. On Europ. Spid., p. 98. 1869.

1882. Emerton. N. Eng. Therid. Trans. Conn. Ac., VI, p. 29.

1881. Simon. Arachn. de France, v, 1, p. 134.

P. hirsutum Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 29, pl. 6, fig. 6.
Conn.

P. rostratum Emerton. *Ibid.*, p. 30, pl. 6, fig. 5. Mass.

ERIGONE (Note 14).

Sav. and Aud. Deser. de l'Egypt, ed. 2, XXII, p. 319. 1825-'27.

1882. Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 58.

1886. Keyserling. Die Spinn. Am., Therid., II, p. 134.

1864. *Nerienne* Blackw. Spid. of Gr. Brit., II, p. 248.

1864. *Walkenaera id.* *Ibid.*, p. 289.

1833. *Savignia id.* Char. of S. undeser. gen., etc. Lond. and Edinb. Phil. Mag.
No. 3, ser. v, p. 187.

1864. *Micryphantus* Simon. H. Nat. d'Araignées, p. 193.

1867. *Micryphantes* Ohlert. Aran. d. Prov. Preussen, p. 34.

1868. *Tmcticus* Menge. Preuss. Spinn., p. 184.

1868. *Ceratina id.* *Ibid.*, p. 170.

1868. *Platyopsis id.* *Ibid.*, p. 178.

1868. *Gonatum id.* *Ibid.*, p. 180.

1868. *Gongylidium id.* *Ibid.*, p. 183.

1868. *Dicymbium id.* *Ibid.*, p. 193.

1868. *Lophocarenum id.* *Ibid.*, p. 198.

1868. *Lophomma id.* *Ibid.*, p. 209.

1868. *Phalops id.* *Ibid.*, p. 218.

1868. *Dicyphus id.* *Ibid.*, p. 221.

1868. *Elaphidium id.* *Ibid.*, p. 224.

1868. *Cornicularia id.* *Ibid.*, p. 226.

1868. *Microneta id.* *Ibid.*, p. 227.

1868. *Micryphantes id.* *Ibid.*, p. 236.

1868. *Leptothryx id.* *Ibid.*, p. 240.

1882. *Ceratinella* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 32.

1882. *Ceratinopsis id.* *Ibid.*, p. 36.

1882. *Spiropalpus id.* *Ibid.*, p. 39.

1882. *Grammonota id.* *Ibid.*, p. 38.

1882. *Cornicularia* (Menge) *id.* *Ibid.*, p. 40.

1882. *Lophomma* (Menge) *id.* *Ibid.*, p. 43.

1882. *Lophocarenum* (Menge) *id.* *Ibid.*, p. 45.

1882. *Tmcticus* (Menge) *id.* *Ibid.*, p. 52.

1882. *Gonatum* (Menge) *id.* *Ibid.*, p. 60.

1882. *Microneta* (Menge) *id.* *Ibid.*, p. 73.

***E. atra** Blackw. Edinb. Phil. Mag., III, No. 15, p. 195. Mass.

—— Cambridge. N. Erigone fr. N. Am., I. Proc. Lond. Zool. Soc., 1874, p. 429.

E. atriceps Cambridge. *Ibid.*, p. 436, pl. 55, fig. 7. Mass., Conn., D. C., Va.

Ceratinella atriceps Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 34,
pl. 7, fig. 5.

E. auranticeps Emerton (*Cornicularia*). *Ibid.*, p. 43, pl. 8, fig. 6. Mass., N. H.

E. autumnalis Emerton. *Ibid.*, p. 58, pl. 17, fig. 8. Mass., Conn., Va., Md., D. C.

—— Keyserling. Die Spinn. Am., Therid., II, p. 171, fig. 232.

- E. bidentata** Emerton (*Tmeticus*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 56, pl. 17, fig. 2. N. H.
- E. bostonensis** Emerton (*Tmeticus*). *Ibid.*, p. 56, pl. 17, fig. 1. Mass.
- E. brevicornis** Emerton (*Cornicularia*). *Ibid.*, p. 42, pl. 11, fig. 5. Conn.
- E. brunnea** Emerton (*Ceratinella*). *Ibid.*, p. 36, pl. 8, fig. 3. N. H., Mass., Conn.
- E. bulbosa** Emerton (*Ceratinella*). *Ibid.*, p. 33, pl. 7, fig. 3. Conn.
- E. bulbosula** Keyserling. Die Spinn. Am., Therid., II, p. 183, fig. 243. Md.
- E. cacuminum** Thorell. Ballet. U. S. Geol. Surv. Terr., III, No. 2, p. 483. Colo.
- E. calcarata** Keyserling. Die Spinn. Am., Therid., II, p. 181, fig. 240. Lake Super.
- E. castanea** Emerton (*Lophocarenum*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 45, pl. 12, fig. 1. Mass.
- E. clavicornis** Emerton (*Cornicularia*). *Ibid.*, p. 43, pl. 8, fig. 7. N. H.
- E. collina** Marx. (Note 14.)
Tmeticus montanus Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 55, pl. 16, fig. 3. N. H.
- E. coloradensis** Keyserling. Die Spinn. Am., Therid., II, p. 168, fig. 230. Colo.
- E. communis** Emerton (*Cornicularia*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 41, pl. 11, fig. 3. N. H., Mass., Conn.
- E. concava** Emerton (*Tmeticus*). *Ibid.*, p. 57, pl. 17, fig. 3. Conn.
- E. contortus** Emerton (*Tmeticus*). *Ibid.*, p. 54, pl. 15, fig. 5. Mass.
- E. cornupalpis** Cambridge. New Erigone fr. N. A., II. Proc. Lond. Zool. Soc., 1875, p. 401, pl. 46, fig. 8. Mass., Conn.
Miconeta cornupalpis Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 74, pl. 23, fig. 2.
- E. crassimanus** Emerton (*Miconeta*). *Ibid.*, p. 75, pl. 24, fig. 3. N. H.
- E. crenatum** Emerton (*Lophocarenum*). *Ibid.*, p. 51, pl. 14, fig. 7. Mass., Conn.
- E. cristata** Blackw. (*Walkenara*). Spid. of Gr. Brit., II, p. 309, fig. 224. Mass., Canada.
—— Cambridge. New Erigone fr. N. A., I. Proc. Lond. Zool. Soc., 1874, p. 438.
Lophomma cristata Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 44, pl. 10, fig. 1. N. H.
- E. decemoculata** Emerton (*Lophocarenum*). *Ibid.*, p. 46, pl. 12, fig. 4. N. H.
- E. dentigera** Cambridge. New Erigone fr. N. A., I. Proc. Lond. Zool. Soc., 1874, p. 429. Mass.
—— Cambridge. New Erigone fr. N. A., II. Proc. Zool. Soc., 1875, p. 394, pl. 46, fig. 2.
—— Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 59.
- E. depressa** Emerton (*Lophocarenum*). *Ibid.*, p. 50, pl. 14, fig. 6. N. H.
- E. directa** Cambridge. New Erigone fr. N. A., I. Proc. Lond. Zool. Soc., 1874, p. 439, pl. 55, fig. 9. Mass., Conn., D. C., Va.
Cornicularia directa Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 40, pl. 11, fig. 1.
Erigone provida Cambridge. New Erigone fr. N. A., II. Proc. Lond. Zool. Soc., 1875, p. 398, pl. 46, fig. 5.
- E. discolor** Emerton (*Miconeta*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 75, pl. 24, fig. 1. Mass., Conn.
- E. elongata** Emerton (*Lophomma*). *Ibid.*, p. 44, pl. 10, fig. 2. Mass.
- E. emertonii** Cambridge. New Erigone fr. N. A., I. Proc. Lond. Zool. Soc., 1874, p. 435, pl. 55, fig. 6.
—— Keyserling. Die Spinn. Am., Therid., II, p. 178, fig. 237.
Ceratinella Emertonii Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 32, pl. 7, fig. 1.
- E. erigonoides** Emerton (*Lophocarenum*). *Ibid.*, p. 50, pl. 14, fig. 3.
- E. fabra** Keyserling. Die Spinn. Am., Therid., II, p. 167, fig. 229. Ala., Texas.

- E. falsifica** Keyserling. *Ibid.*, p. 139, fig. 259. Aleutian Islands, Alaska.
- E. famelica** Keyserling. *Ibid.*, p. 186, fig. 246. Alaska.
- E. famularis** Keyserling. *Ibid.*, p. 198, fig. 258. Alaska.
- E. famulatoria** Keyserling. *Ibid.*, p. 182, fig. 242. Lake Superior.
- E. fissiceps** Cambridge. New Erigone fr. N. A., 1. Proc. Lond. Zool. Soc., 1874, p. 433, pl. 55, fig. 8. Mass., Conn., D. C., Va., Md.
- Keyserling. Die Spinn. Am., Therid., 11, p. 155, fig. 221.
Ceratinella fissiceps Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 33, pl. 7, fig. 2.
- E. florens** Cambridge. New Erigone fr. N. A., 11. Proc. Lond. Zool. Soc., 1875, p. 403, pl. 46, fig. 10. Mass., Conn., Pa., Md., D. C., Va.
- Keyserling. Die Spinn. Am., Therid., 11, p. 158, fig. 223.
Lophocarenum florens Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 46, pl. 12, fig. 3.
- E. formica** Emerton (*Bathypantes*). *Ibid.*, p. 71, pl. 22, fig. 7. Conn., D. C.
- E. furcata** Emerton (*Microneta*). *Ibid.*, p. 76, pl. 24, fig. 5. N. H.
- E. fusca** Marx (Note 14).
Tmeticus brunneus Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 58, pl. 17, fig. 7.
- E. humiliceps** Keyserling. Die Spinn. Am., Therid., 11, p. 148, fig. 214. D. C.
- E. indirecta** Cambridge. New Erigone fr. N. A., 1. Proc. Lond. Zool. Soc., 1874, p. 440, pl. 55, fig. 10. Mass., D. C.
- E. indirecta** Keyserling. Die Spinn. Am., Therid., 11, p. 146, fig. 213.
Cornicularia indirecta Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 41, pl. 11, fig. 4.
- E. infernalis** Keyserling. Die Spinn. Am., Therid., 11, p. 180, fig. 239. Reynolds' Cave, Ky.
- E. inornata** Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 39, pl. 10, fig. 5. Conn., Mass.
- E. interpres** Cambridge. New Erigone fr. N. A., 1. Proc. Lond. Zool. Soc., 1874, p. 430, pl. 55, fig. 1. Mass., Conn., D. C., Va., Tex.
- Keyserling. Die Spinn. Am., Therid., 11, p. 144, fig. 212.
Ceratinopsis interpres Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 37, pl. 9, fig. 1.
- E. læta** Cambridge. N. Erigone fr. N. A., 1. Proc. Lond. Zool. Soc., 1874, p. 433, pl. 55, fig. 4. Mass., D. C., Md., Va.
- Keyserling. Die Spinn. Am., Therid., 11, p. 176, fig. 236.
Ceratinella læta Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 35, pl. 8, fig. 1.
- E. lætabilis** Cambridge. New Erigone fr. N. A., 1. Proc. Lond. Zool. Soc., 1874, p. 435, pl. 55, fig. 5. N. H., Mass., Conn.
- Ceratinella lætabilis* Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 35, pl. 8, fig. 2.
- E. lata** Emerton (*Lophocarenum*). *Ibid.*, p. 50, pl. 14, fig. 4. Mass.
- E. laticeps** Emerton (*Ceratinopsis*). *Ibid.*, p. 37, pl. 9, fig. 3. Conn.
- E. latidens** Emerton (*Microneta*). *Ibid.*, p. 76, pl. 24, fig. 4. Conn.
- E. longibulba** Emerton (*Microneta*). *Ibid.*, p. 76, pl. 24, fig. 6. Mass.
- E. longipalpis* Emerton = *simillima* Keyserling.
- E. longisetosa** Emerton (*Tmeticus*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 54, pl. 16, fig. 1. Conn.
- E. longitarsis** Emerton (*Lophocarenum*). *Ibid.*, 48, pl. 13, fig. 4. N. H.
- E. longituba** Emerton (*Lophocarenum*). *Ibid.*, p. 49, pl. 13, fig. 6. N. H.
- E. marxii** Keyserling. Die Spinn. Am., Therid., 11, p. 152, fig. 218. Lake Superior.
- E. maxima** Emerton (*Tmeticus*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 55, pl. 16, fig. 5. N. H.

- E. micropalpis** Emerton (*Ceratinella*). *Ibid.*, p. 36, pl. 8, fig. 5. Mass.
- E. microtarsis** Emerton (*Tmeticus*). *Ibid.*, p. 57, pl. 17, fig. 4. N. H.
- E. minuta** Emerton (*Ceratinella*). *Ibid.*, p. 36, pl. 8, fig. 4. Conn., Mass.
- E. minutissima** Keyserling. Die Spinn. Am., Therid., II, p. 219, fig. 276. Tex.
- E. monoceros** Keyserling. *Ibid.*, p. 156, fig. 232. Wash.
- E. montana** Emerton (*Lophocarenum*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 45, pl. 12, fig. 2. N. H.
- E. monticola** Marx (Note 14).
Tmeticus tibialis Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 56, pl. 16, fig. 6.
- E. montifera** Emerton (*Lophocarenum*). *Ibid.*, p. 47, pl. 13, fig. 2. Mass.
- E. multesima** Cambridge. N. Erigone fr. N. A., II. Proc. Lond. Zool. Soc., 1875, p. 402, pl. 46, fig. 9. Mass.
- E. nigriceps** Emerton (*Ceratinopsis*). *Ibid.*, p. 37, pl. 9, fig. 2. Conn., Mass.
- E. nigripalpis** Emerton (*Ceratinopsis*). *Ibid.*, p. 38, pl. 9, fig. 4. Conn.
- E. olivacea** Emerton (*Microneta*). *Ibid.*, p. 77, pl. 24, fig. 7. N. H.
- E. ornata** Cambridge. New Erigone fr. N. A., II. Proc., Lond. Zool. Soc., 1875, p. 395, pl. 46, fig. 3. Mass.
Grammonota ornata Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 39, pl. 10, fig. 3.
- E. pallens** Marx (Note 14).
Lophocarenum pallidum Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 43, pl. 13, fig. 5.
- E. pallescens** Marx (Note 14).
Tmeticus pallidus Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 55, pl. 16, fig. 4.
- E. pallida** Emerton (*Cornicularia*). *Ibid.*, p. 42, pl. 11, fig. 7. Conn.
- E. paullula** Marx (Note 14).
Cornicularia minuta Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 42, pl. 11, fig. 6.
- E. percisa** Keyserling. Die Spinn. Am., Therid., II, p. 153, fig. 219. Md.
- E. perplexa** Keyserling. *Ibid.*, p. 190, fig. 250. Wash.
- E. persimilis** Cambridge. New Erigone fr. N. A., II. Proc. Lond. Zool. Soc., 1875, p. 394, pl. 46, fig. 1. Mass.
- E. persoluta** Cambridge. *Ibid.*, p. 400, pl. 46, fig. 7. Mass., N. H.
Microneta persoluta Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 74, pl. 23, fig. 3.
- E. pertinens** Cambridge. New Erigone fr. N. A., II. Proc. Lond. Zool. Soc., 1875, p. 399, pl. 46, fig. 6. Mass.
Tmeticus pertinens Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 45, pl. 16, fig. 2.
- E. pictilis** Cambridge. New Erigone fr. N. A., II. Proc. Lond. Zool. Soc., 1875, p. 396, pl. 46, fig. 4. New Engl.
—— Keyserling. Die Spinn. Am., Therid., II, p. 194, fig. 254.
Grammonota pictilis Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 38, pl. 10, fig. 4.
- E. plumosa** Emerton (*Tmeticus*). *Ibid.*, p. 53, pl. 15, fig. 3. N. H., Mass., Canada.
- E. polaris** Keyserling. Die Spinn. Am., Therid., II, p. 143, fig. 215. Alaska.
- E. præpulchra** Keyserling. *Ibid.*, p. 172, fig. 233. Aleutian Islands, Alaska (Peru).
- E. probata** Cambridge. New Erigone fr. N. A., I. Proc. Lond. Zool. Soc., 1874, p. 431, pl. 55, fig. 2. Mass., Ky., Conn.
—— Keyserling. Die Spinn. Am., Therid., II, p. 166, fig. 228.
Tmeticus probatus Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 52, pl. 15, fig. 1.

- E. provida* Cambridge = *directa* ♀.
- E. purpureascens* Keyserling. Die Spinn. Am., Therid., II, p. 187, fig. 248. Fla., Ga.
- E. pygmæa* Emerton (*Ceratinella*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 34, pl. 7, fig. 4. Conn.
- E. quadricristata* Emerton (*Lophocarenum*). *Ibid.*, p. 48, pl. 13, fig. 3. N. H.
- E. quinquedentata* Emerton (*Microneta*). *Ibid.*, p. 75, pl. 24, fig. 2. Mass., N. H., Canada.
- E. relexata* Keyserling. Die Spinn. Am., Therid., II, p. 154, fig. 220. Md.
- E. rostratula* Keyserling. *Ibid.*, p. 186, fig. 247. Md.
- E. rostrata* Emerton (*Lophocarenum*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 49, pl. 14, fig. 1. Conn.
- **E. rubens* Blackw. (*Nerienne*). Spid. of Gr. Brit., II, p. —. N. Engl.
Gonatum rubens Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 60, pl. 23, fig. 6.
- E. shumaginensis* Keyserling. Die Spinn. Am., Therid., II, p. 182, fig. 241. Aleutian Islands, Alaska.
- E. scopulifera* Emerton (*Lophocarenum*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 49, pl. 14, fig. 2. Mass.
- E. siberiana* Keyserling. Die Spinn. Am., Therid., II, p. 189, fig. 249. Commander Island, Siberia.
- E. simillima* Keyserling. *Ibid.*, p. 170, fig. 231. Aleutian Islands, Alaska.
Longipalpis Emerton non Cambridge.
- E. simplex* Emerton (*Lophocarenum*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 50, pl. 14, fig. 5. Mass.
- E. solitarius* Keyserling. Die Spinn. Am., Therid., II, p. 179, fig. 238. Cave, Ky.
- E. spinifera* Cambridge. New Erigone fr. N. A., I. Proc. Lond. Zool. Soc., 1874, p. 432, pl. 55, fig. 3. Mass.
Lophocarenum spiniferum Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 47, pl. 13, fig. 1.
- E. spiralis* Emerton (*Spiropalpus*). *Ibid.*, p. 39, pl. 10, fig. 6. Mass., Conn.
- E. strabo* Thorell. Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 483. Colo.
- E. terrestris* Emerton (*Tmeticus*). N. Engl. Therid. Trans. Conn. Ac., VI, p. 57, pl. 17, fig. 6. Mass.
- E. tibialis* Emerton (*Cornicularia*). *Ibid.*, p. 41, pl. 11, fig. 2. Mass.
- E. tricornis* Emerton (*Cornicularia*). *Ibid.*, p. 43, pl. 11, fig. 8. N. H.
- E. tridentatus* Emerton (*Tmeticus*). *Ibid.*, p. 53, pl. 15, fig. 2. R. I., Conn.
- E. trilobatus* Emerton (*Tmeticus*). *Ibid.*, p. 53, pl. 15, fig. 4. Mass., Conn.
- E. truncatus* Emerton (*Tmeticus*). *Ibid.*, p. 57, pl. 17, fig. 5. N. H.
- E. ululabilis* Keyserling. Die Spinn. Am., Therid., II, p. 184, fig. 244. Alaska.
- E. umbraticola* Keyserling. *Ibid.*, p. 195, fig. 255. Aleutian Islands, Alaska.
- E. umbratilis* Keyserling. *Ibid.*, p. 201, fig. 261. N. C.
- E. urusta* Keyserling. *Ibid.*, p. 193, fig. 253. Aleutian Islands, Alaska.
- E. usurpabilis* Keyserling. *Ibid.*, p. 193, fig. 252. Aleutian Islands, Alaska.
- E. vacerosa* Keyserling. *Ibid.*, p. 200, fig. 260. Md., Aleutian Islands, Alaska.
- E. vernalis* Emerton (*Lophocarenum*). N. Eng. Therid. Trans. Conn. Ac., VI, p. 51, pl. 14, fig. 8. R. I.
- **E. variaria* Blackw. (*Nerienne*). Spid. of Gr. Brit., II, p. 255, fig. 171.
— Cambridge. N. Erigone fr. N. A., II. Proc. Lond. Zool. Soc., 1875, p. 403.
Microneta variaria Emerton. N. Engl. Therid. Trans. Conn. Ac., VI, p. 73, pl. 23, fig. 1.
- E. xanthippe* Keyserling. Die Spinn. Am., Therid., II, p. 192, fig. 251. Ill.
- E. zonaria* Keyserling. *Ibid.*, p. 196, fig. 256. Ga.
- E. zygia* Keyserling. *Ibid.*, p. 197, fig. 257. Ga.

Ceratinella Emerton = *Erigone*.

N. Eng. Therid. Trans. Conn. Ac., VI, p. 32.

- C. atriceps* (Cambr.) Emerton = *Erigone atriceps*.
C. emertonii (Cambr.) Emerton = *Erigone emertonii*.
C. brunnea Emerton = *Erigone brunnea*.
C. bulbosa Emerton = *Erigone bulbosa*.
C. fissiceps (Cambr.) Emerton = *Erigone fissiceps*.
C. lata (Cambr.) Emerton = *Erigone lata*.
C. letabilis (Cambr.) Emerton = *Erigone letabilis*.
C. micropalpis Emerton = *Erigone micropalpis*.
C. minuta Emerton = *Erigone minuta*.
C. pygmæa Emerton = *Erigone pygmæa*.

Ceratinopsis Emerton = *Erigone*.

N. Engl. Therid. Trans. Conn. Ac., VI, p. 36.

- C. interpres* (Cambr.) Emerton = *Erigone interpres*.
C. laticeps Emerton = *Erigone laticeps*.
C. nigriceps Emerton = *Erigone nigriceps*.
C. nigripalpis Emerton = *Erigone nigripalpis*.

Grammonota Emerton = *Erigone*.

N. Engl. Therid. Trans. Conn. Ac., VI, p. 38.

- G. inornata* Emerton = *Erigone inornata*.
G. ornata (Cambr.) Emerton = *Erigone ornata*.
G. pictilis (Cambr.) Emerton = *Erigone pictilis*.

Spiropalpus Emerton = *Erigone*.

N. Engl. Therid. Trans. Conn. Ac., VI, p. 39.

- S. spiralis* Emerton = *Erigone spiralis*.

Cornicularia Menge = *Erigone*.

Preuss. Spinn., p. 226.

- C. auranticeps* Emerton = *Erigone auranticeps*.
C. brevicornis Emerton = *Erigone brevicornis*.
C. clavicornis Emerton = *Erigone clavicornis*.
C. communis Emerton = *Erigone communis*.
C. directa (Cambr.) Emerton = *Erigone directa*.
C. indirecta (Cambr.) Emerton = *Erigone indirecta*.
C. minuta Emerton = *Erigone paullula*.
C. tibialis Emerton = *Erigone tibialis*.
C. tricornis Emerton = *Erigone tricornis*.

Lophocarenum Menge = *Erigone*.

Preuss. Spinn., p. 198.

- L. castaneum* Emerton = *Erigone castanea*.
L. crenatum Emerton = *Erigone crenatum*.
L. decemoculatum Emerton = *Erigone decemoculata*.

- L. depressum* Emerton = *Erigone depressa*.
L. erigonoides Emerton = *Erigone erigonoides*.
L. florens (Cambr.) Emerton = *Erigone florens*.
L. latum Emerton = *Erigone lata*.
L. longitarsis Emerton = *Erigone longitarsis*.
L. longitibus Emerton = *Erigone longitibus*.
L. montanum Emerton = *Erigone montana*.
L. montiferum Emerton = *Erigone montifera*.
L. pallidum Emerton = *Erigone pallens*.
L. quadricristatum Emerton = *Erigone quadricristata*.
L. rostratum Emerton = *Erigone rostrata*.
L. scopuliferum Emerton = *Erigone scopulifera*.
L. simplex Emerton = *Erigone simplex*.
L. spiniferum (Cambr.) Emerton = *Erigone spinifera*.

Lophomma Menge = *Erigone*.

Preuss. Spinn., p. 209.

- L. cristata* (Blackw.) Emerton = *Erigone cristata*.
L. elongata Emerton = *Erigone elongata*.

Tmeticus Menge = *Erigone*.

Preuss. Spinn., p. 184.

- T. bidentatus* Emerton = *Erigone bidentata*.
T. bostonensis Emerton = *Erigone bostonensis*.
T. brunneus Emerton = *Erigone fusca*.
T. concavus Emerton = *Erigone concava*.
T. contortus Emerton = *Erigone contorta*.
T. longisetosus Emerton = *Erigone longisetosa*.
T. maximus Emerton = *Erigone maxima*.
T. microtarsis Emerton = *Erigone microtarsis*.
T. montanus Emerton = *Erigone collina*.
T. pallidus Emerton = *Erigone pallescens*.
T. pertinens (Cambr.) Emerton = *Erigone pertinens*.
T. plumosus Emerton = *Erigone plumosa*.
T. probatus Emerton = *Erigone probata*.
T. terrestris Emerton = *Erigone terrestris*.
T. tibialis Emerton = *Erigone monticola*.
T. tridentatus Emerton = *Erigone tridentata*.
T. truncatus Emerton = *Erigone truncata*.

Gonatum Menge = *Erigone*.

Preuss. Spinn., p. 180.

- G. rubens* Emerton = *Erigone rubens*.

Microneta Menge = *Erigone*.

Preuss. Spinn., p. 227.

- M. cornupalpis* Emerton = *Erigone cenupalpis*.
M. crassimanus Emerton = *Erigone crassimanus*.
M. discolor Emerton = *Erigone discolor*.
M. furcata Emerton = *Erigone furcata*.

- M. latidens* Emerton = *Erigone latidens*.
M. longibulbus Emerton = *Erigone longibulbus*.
M. olivacea Emerton = *Erigone olivacea*.
M. persoluta (Cambr.) Emerton = *Erigone persoluta*.
M. quinquedentata Emerton = *Erigone quinquedentata*.
M. vivaria (Blackw.) Emerton = *Erigone vivaria*.

Tribus VII ORBITELARLÆ.

Family EPEIRIDÆ.

1817. *Orbiteles* Latreille. Cuvier's Règne Anim. R., III, p. 86.
 1823. *Retiariæ* Sund. Gen. Aran. Succ., p. 15.
 1825. *Orbitele* Latr. Fam. Natur. du Règne Anim., p. 317.
 1833. *Epeirides*. Sund. Conspect. Arachn., p. 13.
 1850. *Epeirides* C. Koch. + *Mithraides* Uebers. d. Arachn. Syst., v, pp. 8, 15.
 1869. *Epeiroidæ* Thorell. On Europ. Spid., p. 47.
 1884. *Epeiridæ* Emerton. N. Eng. Epeirid. Trans. Conn. Ac., VI, p. 296.
 1887. *Euetrioidæ* Thorell. Ragni Birmani. Ann. Mus., Civic., d. Genoa, XXV.

GASTERACANTHA.

Latreille. Cours. d'Entomologie, p. 530. 1831.

1833. Sund. Conspect. Arachn., p. 26.
 1837. *Plectana* Walck. Ins. Apt., II, p. 150 *ad part*.
 ***G. cancriformis** Linn. (*Aranea*). Syst. Natur. Ed., XI, p. 1037. Fla., Ala., Tex., Ariz., N. Mex., Cal.
 Plectana elipsoides Walck. Abbot Ga. Spid. Ins. Apt., II, p. 155.
 Plectana cancriformis Walck. Ins. Apt., II, p. 151.
 Epeira cancer Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 23. *Id.*, Spid. U. S., ed. Burgess, p. 126, pl. 14, fig. 13.
 G. elipsoides Walck. (*Plectana*)=*cancriformis*.
 ***G. pallida** C. Koch. Die Arachn., XI, p. 60, fig. 881. Cal.
 ***G. preciosa** Marx. Keyserling Die Spinn. Amerikas IV, Epeiridæ.
 G. rufospinosa Marx = *velitaris*.
 ***G. velitaris** C. Koch. Die Arachn., IV, p. 33, fig. 269. Fla., Ala., Ga., La., Miss., S. C.
 Plectana velitaris Walck. Ins. Apt., II, p. 152.
 Casteracantha rufospinosa Marx. Entomologica Americana, II, p. 25.

ACROSOMA.

Perty. Delect. anim. artic., III. 1834.

1833. *Micrathena* Sundev. Conspect. Arachn., p. 12.
 1837. *Plectana* Walck. Ins. Apt., II, p. 150 *ad part*.
 1863. *Acrosoma* Keyserling. Besch. n. Orbitel. Sitz. d. Isis, 1863, p. 63.
 1865. *Acrosoma Id.* Beitr. z. Kenntn. d. Orbr. Verh. d. z. b. Ges. Wien., p. 800.
 ***A. gracile** Walck. (Note 15) (*Plectana*). Abbot Ga. Spid. Ins. Apt., II, p. 193. Fla., Ga., La., Ala., Va., Md., Pa., D. C., Ind., Conn., N. Y.
 A. matronale C. Koch. Die Arachniden, XI, p. 68, fig. 887.
 Epcira rugosa Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 21. *Id.* Spid. U. S., ed. Burgess, p. 124, pl. 14, fig. 10.
 Acrosoma rugosa Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 326, pl. 38, fig. 10.

A. matronale C. Koch = *gracile*.

A. mitrata Emerton = *reduvianum*.

A. reduvianum Walck. (*Plectana*). Abbot Ga. Spid. Ins. Apt., II, p. 201. Conn., N. Y., Pa., Md., D. C., Va., N. C.

Epeira mitrata Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 22. *Id.* Spid. U.S., ed. Burgess, p. 125, pl. 14, fig. 11.

Acrosoma mitrata Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 327, pl. 38, fig. 9.

A. rugosa Emerton = *gracile*.

A. sagittatum Walck. (*Plectana*). Abbot Ga. Spid. Ins. Apt., II, p. 174. N. Engl., Fla., Ga., Ala., Miss., La., Va., D. C., Md.

Epeira spinea Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 21. *Id.* Spid. U. S., ed. Burgess, p. 123, pl. 14, fig. 9.

Acrosoma spinea Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 326, pl. 38, figs. 5-8.

A. spinea Emerton = *sagittatum*.

Acrosoma aculeatum (Note 16) C. Koch. Die Arachn., III, p. 58, fig. 211, Amerika.

Plectana aculeata Walck. Ins. Apt., II, p. 180.

Plectana gladiola Walck. *Ibid.*, p. 182.

Acrosoma crassispinum C. Koch. Die Arachn., III, p. 55, fig. 209. Amerika.

Plectana crassispina Walck. Ins. Apt., II, p. 180.

Plectana Walck.

Ins. Apt., II, p. 150. 1837.

P. aculeata Walck. = *Acrosoma aculeatum*.

P. cancriformis Walck. = *Gasteracantha cancriformis*.

P. crassispina Walck. = *Acrosoma crassispinum*.

P. elipsoides Walck. = *Gasteracantha cancriformis*.

P. gladiola Walck. = *Acrosoma aculeatum*.

P. gracilis Walck. = *Acrosoma gracile*.

P. reduviana Walck. = *Acrosoma reduvianum*.

P. sagittata Walck. = *Acrosoma sagittatum*.

P. stellata Walck. = *Epeira stellata*.

P. velitaris Walck. = *Gasteracantha velitaris*.

CERCIDIA.

Thorell. On Europ. Spid., p. 58. 1869.

1866. *Cerceis* Menge. Preuss. Spinn., p. 80.

C. funebris Keyserling. Die Spinn. Am., IV, Epeiridæ. Fla.

ARGIOPE.

Sav. and Aud. Descr. de l'Egypt Ed. 2, XXII, p. 328. 1825-27.

1829. *Argyopes* Latr. In Cuvier's Regne Anim., V, p. 528.

1831. *Argiope* Latr. Cours d'Entom., p. 529.

1869. *Argiope* Thorell. On Europ. Spid., p. 51.

1874. *Argiope* Simon. Arachn. de France, p. 27.

1884. *Argiope* Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 328.

- ***A. argentata** Fabr. (*Aranca*). Eutom. System, II, p. 414. Fla., Tex., Cal., Ariz.
Argiopes argentatus C. Koch. Die Arachn., v, p. 38, fig. 360.
Epeira argentata Walck. Ins. Apt., II, p. 115, pl. 18, fig. 3. Penn.
- A. argyraspides** Walck. (*Epeira*). Abbot Ga. Spid. Ins. Apt., II, p. 110. N. Y.,
 Mass., Conn., Pa., Md., D. C., Va., N. C., Cal., Ariz., Kans.
Epeira fasciata Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 468. *Id.*, Spid. U. S.,
 ed. Burgess, p. 107, pl. 12, fig. 8.
Epeira fasciata Cragin. Contribut. to Knowl. of Arachn., of Kans., Bull.
 Washburn Coll., 1, No. 4, p. 146.
Epeira transversa Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 330, pl.
 24, fig. 20.
- ***A. avara** Thorell. Freg. Eugenies Resa. Araneæ, p. 27. Ariz., Cal.
- A. basilica** McCook. (*Epeira*). Proc. Acad. Nat. Sciences, Phila., 1878, p. 124.
 Tex., D. C.
- A. cophinaria** Walck. (*Epeira*). Abbot Ga. Spid. Ins. Apt., II, p. 109. Mass.,
 Conn., N. Y., Pa., Md., D. C., Va., La., Fla., Cal., N. Mex.
Epeira riparia Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 468. *Id.*, Spid. U.
 S., ed. Burgess, p. 106, pl. 12, fig. 5.
Epeira riparia Cragin. Contribut. to Knowl. of Arachn. of Kans., Bull. Wash-
 burn Coll., 1, No. 4, pl. 146.
Epeira ambitoria Walck. Ins. Apt., II, p. 112.
Nephila vestita C. Koch. Die Arachn., v, p. 35, fig. 358.
Argiope riparia Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 329, pl.
 34, fig. 19.
- A. multiconcha** Treat. Americ. Natural., 1887, p. 1122 = var. of *cophinaria*. N. J.
A. riparia Emerton = *cophinaria*.
A. transversa Emerton = *argyraspides*.

GEA.

C. Koch. Die Arachn., x, p. 101. 1843.

1872. *Ebwa* L. Koch. Die Arachn. Australiens, p. 130.

- G. heptagon** Hentz (*Epeira*). Journ. Bost. Soc. Nat. Hist., VI, p. 20. *Id.*, Spid.
 U. S., ed. Burgess, p. 122, pl. 14, fig. 4. D. C., Va., Ala., Fla.

ORDGARIUS.

Keyserling in L. Koch's Die Arachn. Austral., II, p. 114. 1886.

- O. bisaccatus** Emerton (*Cyrtarachne*). N. Engl. Epeir. Trans. Conn. Ac., VI, p.
 325, pl. 34, fig. 11. Conn., D. C., Va.
- O. cornigerus** Hentz (*Epeira*). Journ. Bost. Soc. Nat. Hist., VI, p. 20. *Id.*, Spid.
 U. S., ed. Burgess, p. 123, pl. 14, fig. 8. Ala., D. C., Va., La.
Cyrtarachne cornigera Keyserling. N. Spid. a. Am., I. Verh. d. z. b. Ges.
 Wien, 1879, p. 300, pl. 4, fig. 4.
Cyrtarachne bicurvata Becker. Ann. Soc. Ent. Belgique, 1879, p. 77.

MAHADEVA.

Keyserling. Die Spinn. Am., IV, Epeiridæ.

- M. verrucosa** Hentz (*Epeira*). Journ. Bost. Soc. Nat. Hist., VI, p. 19. *Id.*, Spid.
 U. S., ed. Burgess, p. 121, pl. 14, fig. 2. D. C., Va., Fla., Ala.

CAREPALXIS.

L. Koch. Die Arachn. Australiens, p. 123.

C. tuberculifera Keyserling. Die Spinn. Am., IV, Epeiridae. Fla.

EPEIRA.

Walck. Tab. d'Aran., p. 53. 1805.

1837. *Epeira* C. Koch. Uebers. d. Ar. Syst., I, p. 2.

1837. *Atca* Id. *Ibid.*, I, p. 3.

1837. *Miranda* Id. *Ibid.*, I, p. 4.

1847. *Epeira* Hentz. Journ. Bost. Soc. Nat. Hist., vol. V, p. 467. *Id.*, Spid. U. S., ed. Burgess, pp. 7, 105.

1869. *Epeira* Thorell. On Europ. Spid., p. 53.

1874. Simon. Arachn. de France, I, p. 46.

1884. *Epeira* Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 298.

E. aculeata Emerton. Append. to Thorell's Descr. of Arachn., coll. in Colorado. Bull. U. S. Geol. Surv. Terr., III, No. 2, 1877, p. 528, fig. 18. Colo.

E. affinis Blackw. = *cornuta*.

E. alba Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 20. *Id.*, Spid. U. S., ed. Burgess, p. 122, pl. 14, fig. 7. N. C., Fla.

E. alba Keyserling = *leucogaster* Marx.*

E. alboventris Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 314, pl. 34, fig. 5, pl. 36, fig. 12. Me., Mass.

E. ambitoria Walck. = *Argiope cophinaria*.

E. anaglypha Walck. Abbot Ga. Spid. Ins. Apt., II, p. 128. Ga., Cal.

E. anastera Walck. *Ibid.*, II, p. 33. Ga.

***E. angulata** Clerk (*Araneus*). Sv. Spid., p. 22, pl. 1, tab. 1, figs. 1-3. Mass., Ill., Oregon, Tex.

Aranea angulata Linn. Syst. Nat. Ed., XI, p. 620.

Epeira angulata Walck. Tab. d'Aran., p. 57 *ad part.*

Epeira eremita C. Koch. Herr-Schaeff. Deutschl. Ins., 131, 23, 24.

Epeira quercetorum Id. Uebers. d. Ar. Syst., I, p. 2.

Epeira pinetorum Id. *Ibid.*, I, p. 3.

Epeira angulata Id. Die Arachn., XI, p. 77, figs. 892, 893.

Epeira angulata Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 299, pl. 33, fig. 12, pl. 35, fig. 2.

E. annulipes Giebel = *conspicellata*.

E. apoclisia americana Walck. = *cornuta*.

E. apoclisia Giebel = *cornuta*.

E. apotroga Walck. Abbot Ga. Spid. Ins. Apt., II, p. 43. Ga.

E. approximata Blackw. Spid. fr. Canada. Ann. and Mag. of Nat. Hist., XVII, p. 80. Canada.

E. arabesca Walck. (Bosc.) Ins. Apt., II, p. 75. Ca., Ga., Ala., Fla., Tex., N. Mex., Utah, Cal., D. C., Va., Pa., N. Engl.

trivittata Keyserling. Beschr. n. Orbit Sitz. d. Isis Dresden, 1864, p. 95, pl. 5, figs. 6-9.

trivittata Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 311, pl. 33, fig. 16, pl. 36, figs. 2, 3, 5, 8.

E. arenata Walck. = *Mahadeva verrucosa*.

E. argentata Walck. = *Argiope argentata*.

E. aureola Hentz. = *trifolium* Hentz.

*As *alba* Keyserling is preoccupied by Hentz I change it to *leucogaster*.

- ***E. audax** Blackw. Ann. and Mag. Nat. Hist. (3), XI, p. 29. Florida. (Dr. Neal.)
meridionalis Keyserling. Verh. d. z. b. Ges. Wien, 1865, p. 810, pl. 19, figs. 19, 20.
decem tuberculata Bertkau. Verz. d. bras. Arachn. ges. v. Van Beneden., p. 91, pl. 2, fig. 33.
- E. balaustina** McCook. Proc. Ac. Nat. Sc., Phila., 1888, p. 198. Florida.
E. baltimoriensis Keyserling = *Thaddeus*.
E. basilica McCook = *Argiope basilica*.
- E. bella** Marx in Keyserling. Die Spinn. Am., IV, Epeiridæ. Florida.
- E. benjamina** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 43. U. S.
domiciliorum Hentz. Journ. Bost. Sc. Nat. Hist., v, p. 469. *Id.*, Spid. of U. S., ed. Burgess, p. 108, pl. 12, fig. 7.
domiciliorum Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 312, pl. 33, fig. 17, pl. 36, figs. 1, 4.
hentzi Keyserling. Besch. n. Orbitel. Sitz. d. Isis Dresden, 1864, p. 97, pl. 5, figs. 10, 11.
- E. bicentennaria** McCook. Proc. Ac. Nat. Sc., Phila., 1888, p. 194, figs. 1-5. Ohio, Pa.
- E. bispinosa** Keyserling. N. Spid. a. Am., VI, Verh. d. z. b. Ges. Wien, 1884, p. 531, fig. 30. Cal.
- E. bivariolata** Keyserling. Die Spinn. Am., IV, Epeiridæ. Colo., Oregon., Wyo.
- E. bivittata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 78. Ga.
E. bombycinaria Hentz = *eustata*.
- E. borealis** Marx in Keyserling. Die Spinn. Am., IV, Epeiridæ. Ounalaska.
- E. callx** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 90. Ga.
- E. californica** Marx in Keyserling. Die Spinn. Am., IV, Epeiridæ. San Diego, Cal.
- E. callida** Walek. (Bosc. MSS.) Ins. Apt., II, p. 68. Canada.
- E. canadensis** Blackw. Spid. fr. Canada. Ann. and Mag. of Nat. Hist., XVII, p. 81. Canada.
- R. cancer* Hentz = *Gasteracantha canceriformis* Linn.
- ***E. carbonaria** L. Koch. Beitr. z. Kent. d. Ar. Tirols. Zeitschr. d. Ferdin, 1869, p. 168. N. H., Colo., Cal., D. C., Labr.
carbonaria Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 315, pl. 33, fig. 18, pl. 36, figs. 18, 19.
packardi Thorell. Spinn. fr. Labrador. Proc. Bost. Soc. Nat. Hist., XVII, p. 490.
- E. carbonarioides** Keyserling. Die Spinn. Am., IV., Epeiridæ. Cal., Colo., D. C.
E. caroli Hentz = *Cyclosa caroli*.
E. caudata Hentz = *Cyclosa turbinata*.
- E. cauta** Walek. Ins. Apt., II, p. 35. N. Y.
- E. cavatica** Keyserling. N. Spinn. a. Am., III, Verh. d. z. b. Ges. Wien, 1881, p. 269, pl. 11, fig. 1. Ky., N. H., Me., Tenn.
cinerea Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 302, pl. 33, fig. 10, pl. 35, figs. 7, 8.
- E. cepina** Walek. Abbot Ga. Spid. Ins. Apt., II, p. 37. Ga.
E. cerasiæ Walek. = *stellata*.
E. cinerea Emerton = *cavatica*.
- E. cingulata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 40. Ga.
- E. circulata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 79. Ga.
- E. conchlea** McCook. Proc. Ac. Nat. Sc., Phila., 1888, p. 199, fig. 6 = Variety of
Ep. eustata Walek.
- E. conspicellata** Walek. = *marmorea*.
- E. cornigera* Hentz = *Ordgarius cornigerus*.

- ***E. cornuta** Clerk (*Araneus*). Sv. Spindl., p. 39, pl. 1, tab. 2. Minn., Ill., Wis., Mass., Conn., N. Y., Pa., Md., D. C., Va.
apoclisia americana Walck. Ins. Apt., II, p. 62.
Epeira strix Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 473. *Id.*, Spid. U. S., ed. Burgess, p. 112, pl. 13, fig. 5.
affinis Blackw. Spid. fr. Canada. Ann. Mag. Nat. Hist., XVIII, p. 77.
dubia Keyserling. Besch. n. Orbitel. Sitz. d. Isis Dresden, p. 123, pl. 4, figs. 12, 13.
apoclisia Giebel. Spinn. a. Illinois. Zeitschr. f. Ges. Naturwiss, XXXIII, p. 249.
foliata Walck. Ins. Apt., II, p. 62. N. Y.
foliata Koch. Die Arachn., XI, p. 119, figs. 920, 921. Pa.
foliata Keyserling. Besch. n. Orbitel., Sitz d. Dresden, p. 92, pl. 7, figs. 10, 11.
strix Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 305, pl. 33, fig. 5, pl. 35, fig. 12.
- E. corticaria** Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 300, pl. 33, fig. 14, pl. 35, fig. 9. Mass., N. Y.
- E. crucifera** Keyserling. Besch. n. Orbitel., Sitz d. Isis Dresden, p. 132, pl. 6, figs. 11, 12. N. A.
- ***E. cucurbitana** Clerk (*Araneus*). Sv. Spindl., p. 44, pl. 2, tab. 4. Ga., Canada.
 ——— Walck. Abbot Ga. Spid. Ins. Apt., II, p. 77.
 ——— Blackw. Spid. fr. Montreal. Ann. and Mag. Nat. Hist., VIII, p. 429.
- E. decipiens** Fitch. Trans. N. Y. State Agric. Soc., XV., p. 451. *Id.*, 1 and 2. Report on Noxious Ins., p. 219. N. Y.
- E. decolorata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 49.
- E. deludens** Marx Keyserling. Die Spinn. Am., IV, Epeir. Fla.
- E. diademata** Clerk (*Araneus*). Sv. Spindl., p. 25, pl. 1, fig. 2. Minn. (Ainsley's coll.). N. Foundl.
 ——— Cambridge. Spid. fr. N. Foundl. Proc. Roy. Phys. Soc., 1881, p. 112.
- E. directa** Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 478. *Id.*, Spid. U. S., ed. Burgess, p. 119, pl. 13, fig. 21. S. C., Ala.
- E. displicata** Hentz. *Ibid.*, p. 476. *Id.*, *ibid.*, p. 117, pl. 13, fig. 17. Ala., Fla., Tex., Colo., Va., D. C., Md., N. Engl., Ohio, Cal.
 ——— Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 313, pl. 34, fig. 4, pl. 36, fig. 20.
- E. dissimulata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 60. Ga.
E. domiciliorum Hentz = *benjamina*.
E. dubia Keyserling = *cornuta*.
- ***E. ectypa** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 129. Ga., N. C., Ala., Fla., Va., D. C., Conn.
 ——— Keyserling. Besch. n. Orbitel. Sitz. d. Isis Dresden, p. 135, pl. 6, figs. 13-16.
infumata Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 19. *Id.*, Spid. U. S., ed. Burgess, p. 122, pl. 14, fig. 4.
infumata Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 319, pl. 37, figs. 11, 12, 13.
- E. emphana** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 74. Ga.
- E. ergaster** Walck. *Ibid.*, II, p. 55. Ga.
- E. eustala** Walck. *Ibid.*, II, p. 37. U. S.
bombycinaria Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 476. *Id.*, Spid. U. S., ed. Burgess, p. 117, pl. 13, fig. 16.
parvula Keyserling. Besch. n. Orbitel. Sitz. d. Isis. Dresden, 1864, p. 131.
parvula Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 317, pl. 34, fig. 12, pl. 37, figs. 1, 2.
parvula McCook. Proc. Ac. Nat. Soc., Phila., 1888, p. 199.

- E. eustalina** Marx in Keyserling's. Die Spinn. Am., iv, Epeiridæ. Key West, Fla.
- E. famulatoria** Keyserling. N. Spinn. a. Am., iv, Verh., d. z. b. Ges. Wien, 1882, p. 201, pl. 15, fig 6. Colo.
- E. fasciata* Hentz = *Argiope argyraspides* Walck.
- E. foliata* Walck = *cornuta*.
- E. foliata* Hentz = *folifera* Marx.
- E. folifera** Marx. (Note 17.)
- foliata* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 475. *Id.*, Spid. U. S. ed. Burgess, p. 116, pl. 13, fig. 14.
- foliata* Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 318, pl. 37, figs. 6-10.
- E. foliosa** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 66. Ga.
- E. forata** Keyserling. Die Spinn. Am., iv, Epeiridæ.
- E. formosa* Keyserling = *patagiata* Clerk.
- E. frondosa** Walck. Abbot Ga. Spid., Ins. Apt., II, p. 65. Ga.
- E. fulva** Walck. *Ibid.*, II, p. 129. Ga.
- E. gemma** McCook. Proc. Ac. Nat. Sc., Phila., 1888, p. 193. Cal., Dak.
- E. gibberosa** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 457. *Id.*, Spid. U. S., ed. Burgess, p. 119, pl. 13, fig. 20. Ala., Fla., Va., D. C., Mass., R.I., Conn.
- Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 317, pl. 34, fig. 1, pl. 36, fig. 17.
- ***E. globosa** (Note 18) Keyserling. Beitr. z. K. d. Orbit. Berh. d. z. b. Ges. Wien, xv, p. 820, pl. 18, figs. 19-21.
- triaranea* McCook. Proc. Nat. Sc., Phila., 1876, p. 201.
- globoso* McCook. Proc. Ac. Nat. Sc., Phila., 1878, p. 127.
- triaranea* Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 315, pl. 34, fig. 9, pl. 36, figs. 6, 7.
- E. glomosa** Walck = *Cyclosa turbinata*.
- E. graduata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 48. Ga., N. Y.
- E. guttulata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 78. Ga.
- E. hamata** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 474. *Id.*, Spid. U. S., ed. Burgess, p. 114, pl. 13, fig. 10. Ala.
- E. hebes** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 473. *Id.*, Spid. U. S., ed. Burgess, p. 113, p. 13, fig. 7. S. Atlantic States.
- E. heidemannii** Marx Keyserling. Die Spinn. Am., iv, Epeiridæ. Bladeburg, D. C.
- E. hentzii* Keyserling = *benamina*.
- E. heptagon* Hentz = *Gea heptagon*.
- E. hilaris* Cambr. = *patagiata*.
- E. hortorum* Hentz = *Argyopeira hortorum*.
- E. illustrata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 45. Ga.
- E. incestifica** Keyserling. Die Spinn. Am., iv, Epeiridæ.
- E. infumata* Hentz = *ectypa*.
- E. insularis* Hentz = *marmorea*.
- E. iris* Walck. = *stellata*.
- E. jaspidata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 59. Ga.
- E. juglandi** Marx Keyserling. Die Spinn. Am., iv, Epeiridæ. Minn., Lake Itasca.
- E. juniperi** Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 313, pl. 34, fig. 6, pl. 36, figs. 14, 15, 16. Me., Mass.
- E. labyrinthea** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 471. *Id.*, Spid. U. S., ed. Burgess, p. 111, pl. 13, fig. 3. N. C., Ala., D. C., Va., N. Y., Cal., Pa., Conn., Mass.
- Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 314, pl. 34, fig. 8, pl. 36, fig. 11.

E. leucogaster Marx. Ky.

alba Keyserling. N. Spinn. a. Am., vi. Verh. d. z. b. Ges. Wien, 1884, p. 531, pl. 6, fig. 29.

E. limbata Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 81. Ga.

E. maculata (Note 19) Keyserling. Beitr. z. K. d. Orbitel, Verh. d. z. b. Ges. Wien, 1865, p. 827, pl. 18, figs. 24, 27. Md., D. C., Ga., Va.

E. maesta Keyserling. Die Spinn. Am., iv, Epeiridæ. N. Mex.***E. marmorea** Clerk (*Araneus*). Sv. Spindl., p. 29, pl. 1, tab. 3. U. S.

Aranea marmorea Fabr. Syst. Entom., p. 434.

Epeira marmorea Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 307, pl. 33, fig. 2.

conspicellata Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 58.

insularis Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 470. *Id.*, Spid. U. S., ed. Burgess, p. 109, pl. 12, fig. 10.

insularis Hentz Keyserling. Beschr. n. Orbitel. Sitz. d. Isis Dresden, p. 91, pl. 5, figs. 3, 5.

insularis Hentz, Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 309, pl. 33, fig. 1, pl. 35, fig. 18.

obesa (Note 20) Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 471. *Id.*, Spid. U. S., ed. Burgess, p. 110, pl. 12, fig. 11.

obesa Hentz Cambridge. Spid. fr. New Foundland. Proc. Roy. Phys. Soc., Ediub., p. 112. 1881.

annulipes Giebel. Spinn. v. Illinois. Zeitschr. f. ges. Naturwiss., xxxiii, p. 250.

E. maura Hentz = *Singa maura*.

E. mayo Marx. Keyserling. Die Spinn. Am., iv, Epeiridæ. Minn.**E. miniata** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 39. Ga.

E. mitrata Hentz = *Acrosoma reduvianum*.

E. mormon Keyserling. Die Spinn. Am., iv, Epeiridæ.**E. mutabilis** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 73. Ga.**E. nephiloides** Keyserling. Die Spinn. Am., iv, Epeiridæ. Santa Barbara, Cal.**E. nephoda** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 74. Ga.

E. nicaraguensis Keyserling. N. Spinn. a. Am., vi. Verh. d. z. b. Ges. Wien, 1884, p. 532, fig. 31. Cal.

E. nivea Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 474. *Id.*, Spid. U. S., ed. Burgess, p. 114, pl. 13, fig. 9. Ala.

E. nobilis Walck. = *stellata*.

E. nordmanii Thorell. Synom. on Eur. Spid., p. 4. N. H., Me., Mass., Pa., N. Y.

—— Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 301, pl. 33, fig. 6.

E. obesa Hentz = *marmorea*.

E. packardi Thorell = *carbonaria*.

E. patagiata Clerk (*Araneus*). Sv. Spindl., p. 38, pl. 1, tab. 10. N. Engl., Alaska, Mont., Lake Superior, Labrador, Ill., N. Y., Pa., Md. D. C., Va.

—— Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 305, pl. 33 fig. 3, pl. 35, fig. 11.

dnmectorum Hahn. Die Arachn., ii, p. 31, fig. 117.

formosa Keyserling. Beitr. z. k. d. Orbitel. Verh. d. z. b. Ges. Wien., 1865, p. 828, pl. 19, figs. 17, 18.

hilaris Cambridge. Spid. fr. New Foundland. Proc. Roy. Phys. Soc. Edinbg., 1881, p. 112.

E. partita Walck. Abbott Ga. Spid. Ins. Apt., ii, p. 46. Ga.

E. parvula Keyserling = *custata*.

E. pegnia Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 80. Ga.

E. pentagona Hentz. Journ. Bost. Soc. Nat. Hist., vi, p. 18. *Id.*, Spid. U. S., ed. Burgess, p. 120, pl. 14, fig. 1. Ala.

- E. petasata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 70. Ga.
- E. phrygiata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 54. Ga.
- E. placida** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 475. *Id.*, Spid. U. S., ed. Burgess, p. 115, pl. 13, fig. 12. Mass., Conn., Pa., D. C., Va., Fla.
- Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 316, pl. 34, fig. 2, pl. 36, figs. 10, 13.
- E. plumipes* Walck. = *Nephila plumipes*.
- E. prætrepida** Keyserling. N. Spinn. a. Am., II. Verh. d. z. b. Ges. Wien, 1880, p. 549, pl. 16, fig. 2. Ga.
- E. pratensis** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 475. *Id.*, Spid. U. S., ed. Burgess, p. 115, pl. 13, fig. 11. Mass., Utah, D. C., Mo.
- Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 310, pl. 33, fig. 15, pl. 36, fig. 9.
- E. prompta** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 472. *Id.*, Spid. U. S., ed. Burgess, p. 112, pl. 13, fig. 4.
- ***E. punctigera** Doleschall. Tweede Bijdrage tot de Kennis. d. Arachn. Indian Archipel.
- E. punctillata* Keyserling = *scutulata*.
- E. radiosa* McCook = *Theridiosoma radiosa*.
- ***E. ravilla** C. Koch. Die Arachn., XI, p. 73, fig. 890. Tex., Ariz.
- E. reptilis** Keyserling. Die Spinn. Am., IV, Epeiridae.
- E. riparia* Hentz = *Argiope cophinaria*.
- E. rubella* Hentz = *Singa rubella*.
- E. rubens** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 477. *Id.*, Spid. U. S., ed. Burgess, p. 118, pl. 13, fig. 18. Ala.
- E. rugosa* Hentz = *Aerosoma gracile*.
- E. sacra** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 33. Ga.
- E. sanguinalis** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 476. *Id.*, Spid. U. S., ed. Burgess, p. 116, pl. 13, fig. 15. Ala.
- E. schwarzii** Marx. Keyserling Die Spinn. Am., IV, Epeiridae. Biscayne Bay, Fla.
- E. sclopetaria** Clerck. (*Arancus*). Sv. Spindl., p. 43, pl. 2, tab. 3, fig. 1. U. S.
- Blackw. Spid. fr. Montreal. Ann. and Mag. of Nat. Hist., 1871, VIII, p. 429.
- Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 303, pl. 33, fig. 4, pl. 35, fig. 10.
- virgata* Hahn. Die Arachn., II, p. 26, fig. 113.
- sericata* Blackw. Spid. of Gr. Brit., II, p. 328, pl. 23, fig. 238.
- sericea* Simon. Hist. Nat. d'Araign., p. 492.
- vulgaris* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 469. *Id.*, Spid. U. S., ed. Burgess, p. 108, pl. 12, fig. 6.
- E. scutulata** Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 19. *Id.*, Spid. U. S., ed. Burgess, p. 121, pl. 14, fig. 3.
- punctillata* Keyserling. N. Spinn. a. Am., I. Verh. d. z. b. Ges. Wien, 1879, p. 304, pl. 4, fig. 7. Ill.
- E. segmentata** Walck. Abbot Ga. Spid. Ins. Apt., II, p. 120. Ga.
- E. septima** (Note 20) Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 470. *Id.*, Spid. U. S., ed. Burgess, p. 104, pl. 12, fig. 9. Ala., N. C. = var. of *cavatica*.
- Cragin. Contrib. to Knowl. of Arachn. of Kansas. Bull. Washb. College, I, No. 4, p. 146.
- E. sexpunctata** Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 530, pl. 13, fig. 28. N. Am.
- E. silvatica** Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 300, pl. 34, fig. 13, pl. 35, figs. 1, 4, 5, 6. Mass., N. Y., N. H.

- E. solitaria** Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 299, pl. 33, fig. 11, pl. 35, fig. 3. Mass.
- E. spatulata** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 44. Ga.
- E. spiculata** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 475. *Id.*, Spid. U. S., ed. Burgess, p. 116, pl. 13, fig. 13. Ala.
- E. spinca* Hentz = *Acrosoma sagittatum*.
- E. spinigera** Keyserling. Die Spinn. Am., iv, Epeiridæ. Ariz.
- E. spira** Bosc. Walck. Ins. Apt., ii, p. 80. Ga.
- E. stellata** Walck. (*Plectana*). Tabl. d'Aran., p. 65, fig. 54.
- (*Plectana*). Bosc. Ins. Apt., ii, p. 171.
- Hentz. Journ. Bost. Soc. Nat. Hist., vi, p. 22. *Id.*, Spid. U. S., ed. Burgess, p. 125, pl. 14, fig. 12.
- Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 319, pl. 34, fig. 17, pl. 37, figs. 3, 4, 5.
- Keyserling. Besch. N. Orbitel. Sitz. d. Isis Dresden, 1864, p. 140, pl. 6, figs. 24, 25.
- nobilis* Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 119.
- cerasiæ* Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 119.
- iris* Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 120.
- E. strix* Hentz = *cornuta*.
- E. subfusca** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 76. Ga.
- E. sutrix** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 478. *Id.*, Sp. U. S., ed. Burgess, p. 120, pl. 13, fig. 23. S. C., Pa.
- E. tauricornis** Keyserling. Die Spinn. Am., iv, Epeiridæ.
- E. thaddeus** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 473. *Id.*, Spid. U. S., ed. Burgess, p. 113, pl. 13, fig. 6. Ala., Md., Conn., Mass., D. C., Va., S. C., Tenn., Fla.
- Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 309, pl. 34, fig. 9.
- baltimorensis* Keyserling. N. Spinn. a. Am., i. Verh. d. z. b. Ges. Wien, 1879, p. 305, pl. 4, fig. 8.
- E. theis** Walck. Ins. Apt., ii, p. 53, pl. 18, fig. 4. Oregon.
- E. tranquilla** Keyserling. Die Spinn. Am., iv, Epeiridæ. Washington, D. C.
- E. triaranea* McCook = *globosa*.
- E. triflex** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 60. Ga.
- E. trifolium** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 471. *Id.*, Spid. U. S., ed. Burgess, p. 110, pl. 13, fig. 1. Dak., N. Mex., Ala., N. Engl., Canada, N. Y., Pa., Md., D. C., Va., Wyo., Mont., Colo.
- Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 306, pl. 33, fig. 8, pl. 35, figs. 13, 14, 21, 22.
- aureola* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 471. *Id.*, Spid. U. S., ed. Burgess, p. 111, pl. 13, fig. 2.
- E. trinotata** Walck. Abbott Ga. Spid. Ins. Apt., ii, p. 75. Ga.
- E. trivittata* Keyserling = *arabesca*.
- E. turbinata* Walck. = *Cyclosa turbinata*.
- E. tytera** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 80. Ga.
- E. venusta** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 96. Ga.
- E. verrucosa* Hentz = *Mahadeva verrucosa*.
- E. vertebrata** McCook. Proc. Ac. Nat. Sc., Phila., 1888, p. 196, figs. 6-10. Cal.
- E. vivida** Walck. Abbot Ga. Spinn. Ins. Apt., ii, p. 54. Ga.
- E. volucris** Keyserling. N. Spinn. a. Am., vi. Verh. d. z. b. Ges. Wien, 1884, p. 528, pl. 13, fig. 27. Ala., La., Tex., Ga., Tenn.
- E. vulgaris* Hentz. = *sclopetaria*.
- E. vulpeculata** Walck. Abbot Ga. Spid. Ins. Apt., ii, p. 69. Ga.

CYCLOSA.

Menge. Preuss. Spinn., p. 73. 1866.

1869. *Cyrtophora* Thorell. On Europ. Spid., p. 57 (*ad part*).

1874. *Cyclosa* Simon. Arachn. de France. I., p. 36.

C. bifurca (Note 21) McCook (*Cyrtophora*). Proc. Acad. Nat. Sc., Phila., 1887, p. 342. Fla.

C. caroli Hentz (*Epeira*). Journ. Bost. Soc. Nat. Hist., VI, p. 24. *Id.*, Spid. U. S., ed. Burgess, p. 128, pl. 14, fig. 15. Ala., D. C.

Epeira caroli Keyserling. Besch. n. Orbitel. Sitz. des. Isis Dresden, p. 137, pl. 6, fig. 17.

C. conica (Note 22) Pallas (*Aranea*). Spicilog. Zoolog., I., p. 48, pl. 1, fig. 16. San Diego, Cal.

C. conica Emerton = *turbinata*.

C. turbinata Walck (*Epeira*). Abbot Ga. Spid. Ins. Apt., II, p. 140. Mass., Me., N. Y., Ohio, Conn., Pa., Md., D. C., Va., Ala., Fla., La.

Epeira caudata Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 23. *Id.*, Spid. U. S., ed. Burgess, p. 126, pl. 14, fig. 14.

Epeira glomosa Walck. Abbot Spid. Ga. Ins. Apt., II, p. 143.

Cyclosa conica Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 321, pl. 34, fig. 3, pl. 38, fig. 11.

CYRTOPHORA.

E. Simon. Hist. Nat. d' Araign, p. 262. 1864.

1874. *Id.*, Arachn. de France I, p. 33.

C. bifurca McCook = *Cyclosa bifurca*.

C. californiensis Keyserling. N. Spinn. a. Am. VI. Verh. d. z. b. Ges. Wien., 1884, p. 525, pl. 13, fig. 24. Cal.

C. tuberculata Keyserling. Die Spinn. Am., IV, Epeiridæ.

SINGA.

C. Koch. Die Arachn., III, p. 42. 1836.

1837. *C. Koch*. Ubers. d. Ar. Syst., p. 6.

1871. Ausserer. N. Rad. Spinn. Verh. d. z. b. Ges. Wien, p. 815.

1884. Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 321.

S. maculata Emerton. N. Engl. Epeira. Trans. Conn. Ac., VI, p. 323, pl. 37, fig. 18. Conn., D. C., Fla.

S. maura Hentz (*Epeira*). Journ. Bost. Soc. Nat. Hist., V, p. 474. *Id.*, Spid. U. S., ed. Burgess, p. 114, pl. 13, fig. 8. Ala., D. C.

S. mollybyrneae Marx. Keyserling Die Spinn. Am., IV, Epeiridæ. Biscayne Bay, Fla.

S. nigripes Keyserling. N. Spinn. a. Am., V. Verh. d. z. b. Ges. Wien, 1883, p. 655, pl. 21, fig. 7. Fla., Tex.

S. pratensis Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 322, pl. 34, fig. 15, Mass., Me., Conn.

S. rubella Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 478. *Id.*, Spid. U. S., ed. Burgess, p. 120, pl. 13, fig. 22. Ala., D. C.

- S. van Bruysselii** Becker. Ann. Soc. Ent. Belgique, xxii, 1879, p. 78, pl. 1, figs. 4, 5, 6. Miss.
S. variabilis Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 322, pl. 34, fig. 16. Mass., Me., Conn., D. C.

LARINIA.

Simon. les Arachu. de France, I, p. 115. 1874.

- L. nigrofoliata** Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 653, pl. 21, fig. 5. Utah.

ZILLA.

C. Koch. Herr-Schaeff. Deutschl. Ins., 125, 19. 1834.

1871. Ausserer. N. Rad Spinnen. Verh. d. z. b. Ges. Wien, p. 828.

1884. Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 323.

- ***Z. atrica** C. Koch (*Eucharia*). Die Arachn., xii, p. 103, figs. 1030, 1031 (for synonyms of European authors see Thorell. On Synonyms, p. 31). Cal., Mass.
 ***Z. montana** C. Koch. Herr-Schaeff. Deutschl. Ins., 125, 19. *Id.*, Die Arachn., vi, p. 146, figs. 536, 537. N. Y., N. H.
 ——— Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 323, pl. 34, fig. 14, pl. 37, figs. 22, 23, 26, 28.
 ***Z. x-notata** Clerck (*Araneus*). Sv. Spindl., p. 46, pl. 2, tab. 5.
 ——— Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 324, pl. 34, fig. 13, pl. 37, figs. 24, 25, 27, pl. 40, fig. 2.
Epeira calophylla Walck. Tabl. d'Aran., p. 62.
Zilla calophylla C. Koch. Die Arachn., vi, p. 148, figs. 538, 539.
Epeira similis Blackw. Spid. of Gr. Brit., II, p. 337, pl. 25, fig. 244.

ARGYROEPEIRA.

Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 331. 1884.

1837. *Tetragnatha* Walck. 2. Coadunatae. Ins. Apt., II, p. 219.

1863. *Tetragnatha* Keyserling. Beschr. n. Orbitel. Sitz. d. Isis. Dresden, p. 144 *ad part.*

1865. *Meta* Keyserling. Beitr. z. Kenntn. d. Orbitel. Verh. d. z. b. Ges. Wien, p. 830 *ad part.*

- ***A. argyra** Walck. (*Tetragnatha*). Ins. Apt., II, p. 219. Fla.
A. hortorum Hentz (*Epeira*). Journ. Bost. Soc. Nat. Hist., v, p. 477. *Id.*, Spid. U. S., ed. Burgess, p. 118, pl. 13, fig. 19. U. S.
 ——— Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 332, pl. 37, fig. 29. 32.
 ***A. quinque lineata** Keyserling. Beschr. n. Orbitel. Sitz. d. Isis. Dresden, 1863, p. 145, pl. 7, figs. 3-6. Baltimore.

META.

C. Koch. Herr-Schaeff. Deutschl. Ins. 134, 12, 13; 135, 14, 16. 1836. *Id.*, Uebers. d. Arachn. Syst., I, p. 6. 1836.

1869. Thorell. On Europ. Spid., p. 61.

1874. Simon. Arachu. de France, I, p. 145.

1884. Emerton. N. Engl. Epeir. Trans. Conn. Ac., vi, p. 328.

- ***M. menardi** Latr. (*Aranea*). Hist. Nat. d. Crust. et de Ins., VII, p. 266. Mass., Ky., Va., D. C.
Meta fusca C. Koch. Die Arachn., VIII, p. 118, figs. 685-7.
Epeira fusca Blackw. Spid. of Gr. Brit., II, p. 349, fig. 252.
Meta menardi Thorell. Rem. ou Synon., p. 33.
Meta menardi Simon. Arachn. de France, I, p. 151.
Meta menardi Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 328, pl. 34, fig. 18.

NEPHILA.

Leach. Zool. Miscellany, Vol. II. 1815.

- ***N. clavipes** Fabr. (*Aranea*). Ent. Syst., II, p. 420. Texas.
 — C. Koch. Die Arachn., V, p. 31, fig. 355.
 ***N. fasciculata** De Geer. Mem. p. serv. a l'hist., d. Ins., VII, p. 124, pl. 39, fig 1. Fla., Tex.
 — C. Koch. Die Arachn., V, p. 30, fig. 354.
N. maculata Fabr. (*Aranea*). Syst. Entom., II, p. 425. Cal.
N. plumipes C. Koch. Die Arachn., VI, p. 138, fig. 529. La., Miss., Ga., Ala., S.C.
Epeira plumipes Walck. Ins. Apt., II, p. 99.

THERIDIOSOMA (Note 23.).

Cambridge. Ann. and Mag. Nat. Hist., p. 193. 1879.

1884. Keyserling. Die Spinn. Am., Theridiidæ, I, p. 217.

- T. argentatum** Keyserling. Die Spinn. Am., Theridiidæ, I, p. 218, fig. 132. Ga.
 ***T. gemmosum** L. Koch. Verzeichn. d. bei Nurnberg beob. Arten., p. 69. Pa., Ill. Mass., Conn.
 — Keyserling. Die Spinn. Am., Theridiidæ, I, p. 218, fig. 131.
Theridiosoma argenteolum Cambridge. Ann. Mag. at. Hist., 194. 1879.
Micropaira radiosa Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 302, pl. 24, fig 7. Pa., Ohio.
T. radiosum McCook. Proc. Phila. Ac. Nat. Sc., 1881, p. 163.

CYRTARACHNE Thorell.

- C. bicurvata* Becker = *Ordgarius cornigerus*.
C. bisaccata Emerton = *Ordgarius bisaccatus*.
C. cornigera Keyserling = *Ordgarius cornigerus*.

Family TETRAGNATHIDÆ (Note 24).

1866. Menge. Preuss. Spinn. *Tetragnathidæ* + *Pachygnathidæ*.
 1874. *Tetragnathinæ* Simon. Arachn. de France, I, p. 153.
 1881. *Tetragnathinæ* Id. *Ibid.*, V, p. 2.
 1884. *Tetragnathinæ* Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 298.
 1887. *Tetragnathidæ* Keyserling. Die Arachn. Austral., II, p. 217.

TETRAGNATHA.

Latreille. Nouv. Diet. d'Hist. Nat., XXIV, p. 135. 1804.

1843. *Dinognatha* White-Dieffenb. Trav. in N. Zeal., II, p. 271.
 1866. *Tetragnatha* Menge. Preuss. Spinn., p. 90.
 1874. *Tetragnatha* Simon. Arachn. de France, I, p. 153.

1881. *Tetragnatha* Id. *Ibid.* v, p. 2.

1887. *Tetragnatha* Keyserling. *Die Arachn. Austral.*, II, p. 217.

T. armigera Blackw. Spid. from Canada. *Ann. and Mag. Nat. Hist.*, xvii, p. 81. Canada.

T. aurata Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 215. Ga.

T. casula Walck. Abbot Ga. Spid. *Inst. Apt.*, p. 219. Ga.

T. caudata Emerton = *Eucta caudata*.

T. culicivora Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 214. Ga.

T. elongata Walck. *Tabl. d'Aran.*, p. 69. U. S.

—— Thorell. *Aran. coll. in Col.* *Bull. U. S. Geol. Surv., Terr.*, III, No. 2, p. 477.

grallator Hentz. *Journ. Bost. Soc. Nat. Hist.*, vi, p. 26. *Id.*, Spid. U. S., ed.

Burgess, p. 131, pl. 15, figs. 1, 2.

grallator Keyserling. *Beitr. z. K. d. Orbit. Verh. d. z. b. Ges. Wien*, xv, p. 850, pl. 21, figs 24-27.

grallator Emerton. *N. Engl. Epeir. Trans. Conn. Ac.*, vi, p. 334, pl. 39, figs. 1-6.

***T. extensa** Linn (*Aranea*). *Syst. Nat. Ed.*, xi, p. 621. N. Y., Mass.

—— Thorell. Spid. fr. Labrador. *Proc. Bost. Soc. Nat. Hist.*, xvii, p. 493.

—— Emerton. *N. Engl. Epeir. Trans. Conn. Ac.*, vi, p. 333, pl. 39, figs. 9, 10.

T. fimbriata Walck. Abbot Ga. Spid. *Inst. Apt.*, II, p. 213. Ga.

T. fluviatilis Keyserling. *Beitr. z. K. d., Orbitel. Verh. d. z. b. Ges. Wien*, 1864, p. 852, pl. 21, fig. 10. Mackenzie River, D. C.

T. fragilis Marx in Keyserling's. *Die Spinn. Am.*, iv, Epeiridæ. Fla.

T. fulva Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 212. Ga.

T. grallator Hentz = *elongata*.

T. illinoisensis Keyserling. *N. Spinn. a. Am.*, I. *Verh. d. z. b. Ges. Wien*, 1879, p. 318, pl. 4, fig. 18. Ill.

T. laboriosa Hentz. *Journ. Bost. Soc. Nat. Hist.*, vi, p. 27. *Id.*, Spid. U. S., ed. Burgess, p. 131, pl. 15, fig. 3. Mass., Conn., D. C., Md., Va., Ohio, Utah, Nebr., Alaska.

—— Keyserling. *Beitr. z. K. d. Orbitel. Verh. d. z. b. Ges. Wien*, p. 841, pl. 20, figs. 16, 17.

—— Emerton. *N. Engl. Epeir. Trans. Conn. Ac.*, vi, p. 334, pl. 39, figs. 7, 8, 11, 19, pl. 40, fig. 7.

T. lazerta Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 224. Ga.

T. lutea Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 217. Ga.

T. sanctitata Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 214. Ga.

T. straminea Emerton = *Eugnatha straminea*.

T. trapezoides Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 218. Ga.

T. vermiformis Emerton = *Eucta vermiformis*.

T. versicolor Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 215. Ga.

T. violacea Walck. Abbot Ga. Spid. *Ins. Apt.*, II, p. 218. Ga.

T. viridis Walck. Abbot Ga. Spid. *Ind. Apt.*, II, p. 216. Ga.

T. zorilla Walck. = *Lathrodectus mactans*.

EUCTA.

Simon. *Les Arachn. de France*, v, 1, p. 5. 1881.

Keyserling. *Die Arachn. Austral.*, II, p. 218.

E. caudata Emerton (*Tetragnatha*). *N. Engl. Epeir. Trans. Conn. Ac.*, vi, p. 335, pl. 39, figs. 16-22. Mass., Fla., Ala., Ariz., D. C., Tex.

E. vermiformis Emerton (*Tetragnatha*). *N. Engl. Epeir. Trans. Conn. Ac.*, vi, p. 333, pl. 39, figs. 12, 13, 14. Mass., Utah.

EUGNATHA.

Sav. and Aud. Descr. de l'Égypt, xxii. 1825-'27.

1881. Simon. Arachn. de France, v, 1, p. 2.

1887. Keyserling. Die Arachn. Austral., II, p. 218.

E. straminea Emerton (*Tetragnatha*). N. Engl. Epeir. Trans. Conn. Ac., VI, p. 335, pl. 39, figs. 15, 17, 20, 21. D. C., Va., Fla.

PACHYGNATHA.

Sundev. Gen. Arach. Suecic., p. 16. 1823.

1866. Menge. Preuss. Spinn., p. 94.

1869. Thorell. On Europ. Spid., p. 77.

1881. Simon. Les Arachn. de France, v, 1, p. 7.

P. autumnalis Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 660, pl. 21, fig. 10. Pa., Mass., Conn.

—— Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 337, pl. 34, fig. 22, pl. 40, fig. 9.

P. brevis Keyserling. N. Spinn. a. Am., iv. Verh. d. z. b. Ges. Wien, p. 209 (described under the name *tristriata* C. Koch). Conn., Mass., Canada.

—— *Id.* N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 658.

—— Emerton. N. Engl. Epeir. Trans. Conn. Ac., VI, p. 336, pl. 34, fig. 21, pl. 40, figs. 8, 10.

P. furcillata Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 662, pl. 21, fig. 11. Pa., D. C.

***P. tristriata** C. Koch. Die Arachn., XII, p. 145, fig. 1066. D. C., Pa., N. Y.

—— Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 656, pl. 21, fig. 8.

***P. xanthostoma** C. Koch. Die Arachn., XII, p. 148, fig. 1068. Pa., D. C.

—— Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 659, pl. 21, fig. 9.

Family ULOBORIDÆ.

1850. *Mithraides* ad part. C. Koch. Uebers. d. Arachn. Syst., v, p. 15.

1869. *Uloborinæ* Thorell. On Europ. Spid., p. 64.

1872. *Uloboridæ* Cambridge. Spid. of Palest. and Syria. Proc. Lond. Zool. Soc., p. 302.

1874. *Uloboridæ* E. Simon. Arachn. d. France, I, p. 164.

1888. *Uloborinæ* Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 454.

HYPTIOTES.

Walck. Mem. s. une nouv. classif. d'Aran., p. 438. 1833.

1837. *Mithras* C. Koch. Uebers. d. Arachn. Syst., I, p. 6.

1847. *Cyllopoda* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 465.

H. cavatus Hentz (*Cyllopoda*). Journ. Bost. Soc. Nat. Hist., v, p. 466. *Id.*, Spid.

U. S., ed. Burgess, p. 104, pl. 12, fig. 3, pl. 20, fig. 21. Ala., Mass., R. I., N. Y., Me., D. C., Va., Md.

—— Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 456, pl. 2, fig. 2.

americanus Wilder. Triangle Spid. Pop. Sci. Monthl., 1875, Sepr., p. 2.

Cyllopoda Hentz = *Hyptiotes*.

ULOBORUS.

Latreille. Gen. Crust. et Ins., I, p. 109. 1806.

1855. *Phillyra* Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 25.

1859. *Neleda* Blackw. Deser. of 6 rec. discov. Spec., p. 95.

U. americanus Walck. Abbot Ga. Spid. Ins. Apt, II, p. 229. Eastern States.

Phillyra mameata Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 25. *Id.*, Spid.

U. S., ed. Burgess, p. 129, pl. 14, fig. 16, pl. 19, fig. 126.

Uloborus villosus Keyserling. N. Spinn. a. Am., III. Verh. d. z. b. Ges. Wien, 1881, p. 278, pl. 11, fig. 6.

***U. plumipes** Lucas. Explor. d'Algerie Anim., art. I, p. 252, pl. 15, fig. 8.

—— Emerton. N. Engl. Cinifl. Trans. Conn. Ac., VII, p. 454, pl. 11, fig. 11.

Phillyra riparia Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 26. *Id.*, Spid.

U. S., ed. Burgess, p. 130, pl. 14, fig. 17.

U. zosis Walck. Ins. Apt., II, p. 231. Fla.

—— L. Koch. Die Arachn. Austral., p. 221.

Phillyra Hentz = *Uloborus*.

Tribus VIII LATERIGRADÆ.

Family THOMISIDÆ.

1817. *Laterigrades* Latreille. Cuv. Règne Anim., III, p. 91.

1823. *Retrograda* Sund. Gen. Aran. Succ., p. 18.

1825. *Laterigrada* Latreille. Fam. Nat. du Règne Anim., p. 315.

1833. *Thomisides* Sund. Conspect. Arachn., p. 27.

1869. *Thomisoida* Thorell. On Europ. Spid., p. 170.

1887. *Misumenoida* Thorell. Ragni Birm. Ann. Mus., CIV, Genoa, XXV.

I. Subfamily THOMISINÆ.

XYSTICUS.

C. Koch. Herr.-Schaff. Deutschl. Ins., 129, 16, 17. 1835.

1869. Thorell. On Europ. Spid., p. 185.

1875. Simon. Arachn. d. France, III, p. 150.

X. auctificus Keyserling. Die Spinn. Am., I, Laterigradæ, p. 25, fig. 10. Colo.

X. benefactor Keyserling. Die Spinn. Am., I, Laterigradæ, p. 22, fig. 8. Colo.

X. bicuspis Keyserling. N. Spinn. a. Am., VII, Verh. d. z. b. Ges. Wien, 1887, p. 478, (58) pl. 6, fig. 33. Mont.

X. borealis Keyserling. N. Spinn. a. Am., V, Verh. d. z. b. Ges. Wien, 1883, p. 668, (22) pl. 21, fig. 17. Sitka, Ft. Yukon, Alaska.

X. californicus Keyserling. Die Spinn. Am., I, Laterigradæ, p. 37, fig. 17. Mari-
posa, Cal.

X. cunctator Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv., Terr., III, No.
2, 1877, p. 495. Colo.

X. discursans Keyserling. Die Spinn. Am., I, Laterigradæ, p. 20, fig. 7. Colo.,
Nev.

X. elegans Keyserling. Die Spinn. Am., I, Laterigradæ, p. 31, fig. 14. Ga.

X. emertonii Keyserling. Die Spinn. Am., I, Laterigradæ, p. 39, fig. 18. Ga., N.
H., Mont.

- X. feroculus** Keyserling. N. Spinn. a. Am., III, Verh. d. z. b. Ges. Wien, 1881, p. 305 (39) pl. 11, fig. 24. Mass., D. C.
- X. flavovittatus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 33, fig. 15. U. S.
- X. funestus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 10, fig. 2. Md., Va., D. C., N. C., N. H., Colo.
- X. gulosus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 43, fig. 21. U. S.
- X. hamatus** Keyserling. N. Spinn. a. Am., VI, Verh. d. z. b. Ges. Wien, 1885, p. 521 (35), pl. 13, fig. 22. Ky.
- X. labradoriensis** Keyserling. N. Spinn. a. Am., VII, Verh. d. z. b. Ges. Wien, 1887, p. 479 (59) pl. 6, fig. 39. Ungava Bay, Labrador.
- X. lenis** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 27, fig. 11. Colo.
- X. limbatus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 35, fig. 16. Colo., Tex., Ill., D. C., Va., Md.
- X. locuples** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 24, fig. 9. Cal., Nev., Wyo.
- X. maculatus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 45, fig. 22. Ga.
- X. montanensis** Keyserling. N. Spinn. a. Am., VII, Verh. d. z. b. Ges. Wien, 1887, p. 479 (59), pl. 6, fig. 40. Mont., Cal.
- X. nigromaculatus** Keyserling. N. Spinn. a. Am., V, Verh. d. z. b. Ges. Wien, 1884, p. 670 (24), pl. 21, fig. 18. Colorado.
- X. punctatus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 30, fig. 13. N. C.
- X. quadrilineatus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 42, fig. 20, Ill., D. C., N. J.
- X. quinquepunctatus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 28, fig. 12. Cal., N. Mex., Fla., Va., D. C.
- X. stomachosus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 7, fig. 1. Ind., Ill., Colo., D. C., N. H., Labrador.
- X. triguttatus** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 12, figs. 3, 6. Mass., Colo., Ga., Lake Sup., Labrador, D. C., Va.
- X. variabilis** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 40, fig. 19. Ga.
- X. vernilis** Keyserling. N. Spinn. a. Am., III, Verh. d. z. b. Ges. Wien, 1881, p. 304 (38), pl. 11, fig. 23. Utah.

OXYPTILA.

Simon. Hist. Nat. d. Aran. 1864.

1875. Simon. Arachn. d. France, II, p. 211

- O. conspurcata** Thorell. Aran. coll. in. Colorado. Bull. U. S. Geol. Surv. Terr., III, No. 2, 1877, p. 496. Colorado.
- O. georgiana** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 52, fig. 26. Ga.
- O. monroensis** Keyserling. N. Spinn. a. Am., V, Verh. d. z. b. Ges. Wien, 1883, p. 671 (25), pl. 21, fig. 19. Va., D. C.
- O. nevadensis** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 50, fig. 25. Nev.

CORIARACHNE.

Thorell. On Europ. Spid., p. 186. 1869.

- C. versicolor** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 53, fig. 27. U. S.

SYNEMA.

Simon. Hist. Nat. d'Aran. 1864.

- S. bicolor** Keyserling. N. Spinn. a. Am., V, Verh. d. z. b. Ges. Wien, 1883, p. 667 (21), pl. 21, fig. 16. Fla., D. C., Va.
- S. nigromaculata** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 61, fig. 31. Md., D. C., Va., Ga.

- S. obscura** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 64, fig. 32. N. H.
S. parvula Hentz (*Thomisus*). Journ. Bost. Soc. Nat. Hist., v, p. 447. *Id.*, Spid.
 U. S., ed. Burgess, p. 80, pl. 10, fig. 8. Southern States, Cal.
 ——— Keyserling. Die Spinn. Am., I, Laterigradæ, p. 57, fig. 28.

MISUMENA.

Latreille. Nouv. Dict. d'Hist. Nat., XXIV, p. 135 (*ad part*). 1804.

1869. Thorell. On Europ. Spid., p. 183.
 1875. Simon. Arachn. de France, II, p. 241.
- M. alabamensis** Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883,
 p. 666 (20), pl. 21, fig. 15. Ala.
M. americana Keyserling. Die Spinn. Am., I, Laterigradæ, p. 85, fig. 44. Md.,
 Ga., Ill., D. C., Va.
M. conspersa Keyserling. Die Spinn. Am., I, Laterigradæ, p. 107, fig. 60. Cal.,
 Ariz., Fla.
M. diegoi Keyserling. N. Spinn. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 481
 (61), pl. 6, fig. 41. Cal.
M. dubia Keyserling. Die Spinn. Am., I, Laterigradæ, p. 90, fig. 48. Fla., Tex.,
 D. C.
M. georgiana Keyserling. Die Spinn. Am., I, Laterigradæ, p. 86, fig. 45. Ga.,
 D. C.
M. importuna Keyserling. N. Spinn. a. Am., III. Verh. d. z. b. Ges. Wien, 1881, p.
 307 (41), pl. 11, fig. 25. Cal.
M. mexicana Keyserling. Die Spinn. Am., I, Laterigradæ, p. 89, fig. 47. Cal.
M. oblonga Keyserling. Die Spinn. Am., I, Laterigradæ, p. 79, fig. 41. Md., Ill.,
 Va., D. C.
M. rosea Keyserling. Die Spinn. Am., I, Laterigradæ, p. 82, fig. 43. Southern
 States, Ill., Mo., D. C., Va., Md.
M. spinosa Keyserling. Die Spinn. Am., I, Laterigradæ, p. 81, fig. 42. Ga., Fla.,
 Ala., La., Utah.
M. variegata Keyserling. Die Spinn. Am., I, Laterigradæ, p. 101, fig. 55. Fla.
 ***M. vatia** Clerk. (*Araneus*). Sv. Spindl., p. 128, pl. 6, tab. 5. U. S.
 ——— Thorell. Aran. coll. in Colorado. Bull. U. S. Geol. Surv., Terr., III, No. 2,
 1877, p. 500.
 ——— Keyserling. Die Spinn. Am., I, Laterigradæ, p. 101.
Thomisus fartus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 445. *Id.*, Spid.
 U. S., ed. Burgess, p. 78, pl. 10, fig. 4.

DIÆA.

Thorell. On Europ. Spid., p. 184. 1869.

1875. Simon. Arachn. de France, II, p. 247.
- D. lepida** Thorell. Aran. coll. in Colorado. Bull. U. S. Geol. Surv. Terr., III, No.
 2, 1877, p. 498. Col.

RUNCINIA.

Simon. Arachn. de France, II, p. 254. 1875.

- R. brendelii** Keyserling. Die Spinn. Am., I, Laterigradæ, p. 127, fig. 70. U. S.

THOMISUS (Note 25).

Walck. Tabl. d'Aran., p. 28. 1805.

1875. Simon. Arachn. de France, II, p. 249.

- T. aleatorius** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 444. *Id.*, Spid. U. S., ed. Burgess, p. 77, pl. 10, fig. 2. Ala.
- T. angulatus** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 537. Ga.
- T. asperatus** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 447. *Id.*, Spid. U. S., ed. Burgess, p. 79, pl. 10, fig. 7. Ala.
- T. bicolor** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 533. Ga.
- T. bigibbosus** Keyserling. N. Spinn. a. Am., III. Verh. d. z. b. Ges. Wien, 1881, p. 309 (43), pl. 11, fig. 27. N. H.
- T. caudatus** Hentz = *Tmarus caudatus*.
- T. celer** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 446. *Id.*, Spid. U. S., ed. Burgess, p. 78, pl. 10, fig. 5, S. C. N. C. Mass., Ala., Ohio.
- T. citreus** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 526. Ga.
—— Blackw. Spid. fr. Canada. Ann. and Mag. of Nat. Hist., XVII, p. 28.
- T. conspergatus** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 524. Ga.
- T. cruentatus** Walk. *Ibid.*, p. 534. Ga.
- T. delphinus** Walck. *Ibid.*, p. 519. Ga.
- T. desidiosus** Walck. *Ibid.*, p. 501. Ga.
T. dubius Hentz = *Tetragonophthalma dubia*.
T. duttonii Hentz = *Tibellus duttonii*.
- T. exaratus** Walck. (Bosc. MSS.) Ins. Apt., I, p. 508. Carolina.
- T. fartus* Hentz = *Misumecia ratia*.
- T. ferox** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 445. *Id.*, Spid. U. S., ed. Burgess, p. 77, pl. 10, fig. 3. U. S.
- T. flavescens** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 519. Ga.
- T. formosipes** Walck. *Ibid.*, p. 504. Ga.
- T. indiligens** Walck. *Ibid.*, p. 506. Ga.
- T. iners** Walck. *Ibid.*, p. 530. Ga.
- T. infumatus** Walck. *Ibid.*, p. 508. Ga.
- T. lemniscatus** Walck. *Ibid.*, p. 525. Ga.
- T. lentus** Walck. *Ibid.*, p. 508. Ga.
- T. luctans** C. Koch. Die Arachn., XII, p. 63, fig. 998. Pa.
- T. oscitans** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 510. Ga.
- T. pardus** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 529. Ga.
T. parvulus Hentz = *Synema parvula*.
- T. pictus** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 530. Ga.
- T. piger** Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 446. *Id.*, Spid. U. S., ed. Burgess, p. 79, pl. 10, fig. 6. N. C.
- T. phrygiatus** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 533. Ga.
- T. purpuratus** Walck. *Ibid.*, p. 506. Ga.
- T. sphericus** Walck. *Ibid.*, p. 501. Ga.
- T. stigmatisatus** Walck. *Ibid.*, p. 534. Ga.
T. tenuis Hentz = *Tetragonophthalma tenuis*.
- T. transversatus** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 525. Ga.
- T. tumefactus** Walck. *Ibid.*, p. 502. Ga.
- T. turgidus** Walck. *Ibid.*, p. 502. Ga.
- T. varians** Walck. *Ibid.*, p. 504. Ga.
T. vulgaris Hentz = *Philodromus vulgaris*.

TMARUS.

Simon. Arachn. de France, II, p. 259. 1875.

- T. caudatus** Hentz (*Thomisus*). *Journ. Bost. Soc. Nat. Hist.*, v, p. 447. *Id.*, Spid. U. S., ed Burgess, p. 80, pl. 10, fig. 9. Ala.
 ——— Keyserling. *Die Spinn. Am.*, I, Laterigradæ, p. 157, fig. 84.
T. floridensis Keyserling. *N. Spinn. a. Am.*, v. *Verh. d. z. b. Ges. Wien*, 1883, p. 673 (27), pl. 21, fig. 21. Fla., Ala., La., Tex.
T. griseus Keyserling. *Ibid.*, p. 672 (26), pl. 21, fig. 20. Fla.
T. magniceps Keyserling. *Die Spinn. Am.*, I, Laterigradæ, p. 158, fig. 85. Cal.
T. rubromaculatus Keyserling. *Ibid.*, p. 158, fig. 86. Ga.

II. Subfamily PHILODROMINÆ.

EBO.

Keyserling. N. Spinn. a. Am., v. *Verh. d. z. b. Ges. Wien*, p. 678 (32). 1883.

- E. latithorax** Keyserling. *N. Spinn. a. Am.*, v. *Verh. d. z. b. Ges. Wien*, 1883, p. 678, (32), pl. 21, fig. 26. Va., D. C., Md., Utah.

TIBELLUS.

Simon. Arachn. de France, II, p. 307. 1875.

1878. *Metastenus* Bertkau. *Vers. e. nat. Anordn. d. Sp.*, p. 377.

- T. duttonii** Hentz (*Thomisus*). *Journ. Bost. Soc. Nat. Hist.*, v, p. 448. *Id.*, Spid. U. S., ed Burgess, p. 81, pl. 10, fig. 10. Southern States.
 ——— Keyserling. *Die Spinn. Am.*, I, Laterigradæ, p. 194, fig. 107.
T. oblongus Walck. (*Philodromus*). *Abbot Ga. Spid. Ins. Apt.*, I, p. 558. Middle States.
 ——— *Simon. Arachn. d. Fr.*, II, p. 311, pl. 8, fig. 12.
 ——— Keyserling. *Die Spinn. Am.*, I, Laterigradæ, p. 196.
Thomisus oblongus Hahn. *Die Arachn.*, I, p. 110, fig. 82.
Thanatus parallelus Koch. *Ibid.*, IV, p. 87, fig. 307.
Philodromus oblongus Blackw. *Spid. of Gr. Brit.*, I, p. 100, fig. 60.

THANATUS.

C. Koch. Uebers. d. Arachn. Syst., I, p. 28. 1837.

1875. *Simon. Arachn. de France*, II, p. 314.

- T. coloradensis** Keyserling. *Die Spinn. Am.*, I, Laterigradæ, p. 206, fig. 113. Colo.
T. rubicundus Keyserling. *Ibid.*, p. 204, fig. 112. Ga., D. C., Lake Superior, Tex. Wyo., Labrador, Alaska.

PHILODROMUS.

Walck. Faune de France Arachn., p. 86. 1825.

- P. abottii** Walck. *Abbot Ga. Spid. Ins. Apt.*, I, p. 552. Ga.
P. alaskensis Keyserling. *N. Spinn. a. Am.*, v. *Verh. d. z. b. Ges. Wien*, 1883, p. 674 (28), pl. 21, fig. 22. Aleutian Islands, Alaska, Nev., Oregon, Labrador, Utah.

- **P. aureolus* Clerck. (*Araucius*). Sv. Spindl., p. 133, pl. 6, tab. 6. D. C., Pa., Md., Va., Utah, Colo., Lake Superior.
- Thorell. Aran. coll. in Colorado. Bull. U. S. Geol. Surv., Terr., III, No. 2, 1877, p. 500.
- Keyserling. Die Spinn. Am., I, Laterigradae, p. 217.
- P. californicus* Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 676 (30), pl. 21, fig. 24. Cal.
- P. clarus* Keyserling. Die Spinn. Am., I, Laterigradae, p. 214. Nev., Va., D. C., Colo.
- P. expositus* Keyserling. *Ibid.*, p. 220, fig. 121. N. H.
- P. imbecilus* Keyserling. *Ibid.*, p. 224, fig. 123. Ga.
- P. infuscatus* Keyserling. *Ibid.*, p. 222, fig. 122. Md., D. C., Va.
- P. inquisitor* Walck. Abbot Ga. Spid. Ins. Apt., I, p. 553. Ga.
- P. inquisitor* Thorell. = *Thorellii* Marx (Note 26).
- P. keyserlingii* Marx (Note 27).
- obscurus* Keyserling. N. Spinn. a. Am., v. Verh. d. z. o. Ges. Wien, 1883, p. 675 (29), fig. 23. D. C.
- P. laticeps* Keyserling. Die Spinn. Am., I, Laterigradae, p. 215, fig. 118. Ga.
- P. lentiginosus* Keyserling. N. Spinn. a. Am., III. Verh. d. z. b. Ges. Wien, 1881, p. 312 (46), fig. 29. Lake Superior.
- P. maculatus* Blackw. Spinn. fr. Canada. Ann. and Mag. Nat. Hist., XVII, p. 39.
- P. marxii* Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 677 (31), fig. 25. Texas.
- P. oblongus* Blackw. = *Tibellus oblongus*.
- P. obscurus* Blackw. Spid. fr. Montreal. Ann. and Mag. Nat. Hist., VIII, 1871, p. 429. Canada.
- P. obscurus* Keyserling = *Keyserlingii* Marx.
- P. pernix* Blackw. Spid. from Canada. Ann. and Mag. Nat. Hist., XVII, 1846, p. 36. Canada.
- P. praeceps* Walck. Abbot Ga. Spid. Ins. Apt., I, p. 560. Ga.
- P. praelustris* Keyserling. Die Spinn. Am., I, Laterigradae, p. 209, fig. 114. Colo.
- P. rufus* Walck. Fann. franc. Arachn., p. 91. *Id.*, Ins. Apt., I, p. 555. Md., D. C., Va.
- Keyserling. Die Spinn. Am., I, Laterigradae, p. 217, fig. 119. Mass., Ill.
- P. satullus* Keyserling. *Ibid.*, p. 211, fig. 116. Colo.
- P. spectabilis* Keyserling. *Ibid.*, p. 210, fig. 115. Colo.
- P. thorellii* Marx. Colo. (Note 29.)
- inquisitor* Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv., Terr., III, No. 2, p. 502.
- P. virescens* Thorell. *Ibid.*, p. 500. Colo.
- P. vulgaris* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 444. *Id.*, Spid. U. S., ed. Burgess, p. 76, pl. 10, fig. 1. U. S.
- Keyserling. Die Spinn. Am., I, Laterigradae, p. 218, fig. 120.

Family SPARASSIDÆ.

1874. Simon. Especies. Enrop. fam. Sparas. Ann. Soc. Ent. Fr., p. 243.
1875. Simon. Arachn. de France, II, p. 331.

SELENOPS.

- Latreille*. Nouv. Diet. d'Hist. Nat., XXX. 1819.
1820. Dufour. Descr. de six Arachn. nouv. Ann. de Sc. Phys., v, p. 361.
1864. Simon. Hist. Nat. d'Araign., p. 420.

1869. Thorell. On Europ. Spid., p. 179.

1875. Simon. Arachn. de France, II, p. 344.

**S. aissa* Walek. Ins. Apt., I, p. 547. Fla.

—— Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 683, pl. 21, fig. 30.

OLIOS.

Walck. Ins. Apt., I, p. 563. 1837 *ad part.*

1864. Simon. Hist. Nat. d'Araign, p. 409 *ad part.*

O. abnormis Keyserling. N. Spinn. a. Am., v. Verh. d. z. b. Ges. Wien, 1883, p. 679, pl. 21, fig. 27. N. Mex.

O. concolor Keyserling. *Ibid.*, p. 682, pl. 21, fig. 29. N. Mex.

O. giganteus Keyserling. *Ibid.*, p. 681, pl. 21, fig. 28. N. Mex.

HETEROPODA.

Latreille. Nouv. Dict. d'Hist. Nat., XXIV, p. 135. 1804.

1830. *Sarotes* Sundev. Consp. Arachn., p. 28.

1837. *Ocypte* C. Koch. Uebers d. Arachn. Syst., I, p. 27.

**H. venatoria* Linn (*Aranea*). Syst. Nat. Ed., x, 1, II, p. 1037. Fla., Cal.

Aranea regia Fabr. Syst. Ent., p. 408.

Olios leucosius Walck. Ins. Apt., I, p. 566.

Olios antillanus *Id.* *Ibid.*, p. 568.

Ocypte murina Koch. Die Arachn., XII, p. 26, fig. 978.

Ocypte draco C. Koch. *Ibid.*, p. 44, fig. 983.

Olios zonatus Dolesch. Tweed. bijdr., etc., p. 54, pl. 14, fig. 4.

Olios regius Gerstaecker. V. d. Deekens R. in Ost. Africa, III, p. 482.

Heteropoda regia Simon. Ann. Soc. Ent. France, 1877, p. 63.

Sarotes regius L. Koch. Die Arachn. Austral., p. 675, pl. 56, figs. 1, 2.

Sarotes venatorius McCook. Proc. Ac. Nat. Sc., Phila., 1878, p. 144.

MICROMATA Hentz.

Micromata carolirensis Hentz.

Micromata marmorata Hentz.

Micromata pinicola Hentz.

Micromata serrata Hentz.

Micromata subinflata Hentz.

Micromata undata Hentz.

These species are not of the genus *Micromata* at all, but belong, as Emerton first stated, to the genus *Ocyale*.

Tribus IX CITIGRADÆ.

Family LYCOSIDÆ.

1817. *Citigrades* Latreille. Cuvier's Règne Anim., III.

1823. *Cursorcs* Sundev. Gen. Aran. Suec.

1825. *Citigradæ* Latr. Fam. Nat. du Règne Anim.

1833. *Lycosides* Sundev. Conspect. Arachn., p. 23.
 1869. *Lycosoidæ* Thorell. On Europ. Spid., p. 188.
 1876. *Lycosidæ* Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, p. 609.
 1885. *Lycosida* Emerton. Trans. Conn. Ac., VI, p. 481.

LYCOSA.

Latreille. Nouv. Diction. d'Hist. Natur., xxiv, p. 135. 180.

1832. Hentz. Am. Journ. Science and Arts, XXI, p. 106.
 1842. Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 228.
 1875. Hentz. Spid. of the U. S., ed. Burgess, p. 24.
 1876. Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, p. 610.
 1885. Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 482.

- L. animosa** Walck. Abbot Ga. Spid. Ins. Apt., I, p. 331. Ga.
L. arenicola Scudder. Tube constr. Spid. of Nantucket. Psyche, II, p. 2, 1877.
 Conn., N. J., Md., D. C., Va.
 ——— McCook. Proc. Ac. Nat. Sc., Phila., 1888, p. 333.
Tarantula nidifer Marx. Am. Naturalist, 1881, p. 396.
Lycosa nidifer (Marx) Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 487, pl. 47, fig. 4.
L. aspersa Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 339. *Id.*, Spid. U. S., ed. Burgess, p. 30, pl. 3, figs. 11, 12. Ala.
L. avida Walck. Abbot Ga. Spid. Ins. Apt., I, p. 323. Ga.
L. babingtonii Blackw. Spid. fr. Canada. Ann. and Mag. Nat. Hist., XVII, p. 30. Canada.
L. canadensis Blackw. Spid. fr. Montreal. *Ibid.*, VIII, 1871, p. 429.
L. carolinensis Walck. (Bosc. MSS.) Ins. Apt., I, p. 285.
 ——— Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 230. *Id.*, Sp. U. S., ed. Burgess, p. 27, pl. 2, fig. 9. N. Engl., Pa., Md., D. C., Va., N. C., S. C., La., Ga., Ala., Fla.
 ——— Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 486, pl. 47, fig. 1.
L. cinerea (Fabr.) Emerton = *Trochosa cinerea*.
L. communis Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 489, pl. 47, fig. 6. N. Engl.
L. concinna Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv., Terr., III, No. 2, p. 506. Colo.
L. grassipes Walck. Abbot Ga. Spid. Ins. Apt., I, p. 323. Ga.
L. discolor Walck. *Ibid.*, p. 332. Ga.
L. distincta Blackw. Spid. fr. Canada. Ann. and Mag. Nat. Hist., XVII, p. 32. Canada.
L. encarpata Walck. Ins. Apt., I, p. 290. Phila.
L. erratica Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 388. *Id.*, Spid. U. S., ed. Burgess, p. 29, pl. 3, fig. 8. Mass., Ala., Ohio.
L. fatifera Hentz. *Ibid.*, p. 229. *Id.*, *ibid.*, p. 26, pl. 2, fig. 8. Mass., Ala., Kan.
 ——— Cragin. Contr. to Knowl. of Arachn. of Kansas. Bull. Washburn Coll., I, No. 4, p. 146.
L. flavipes Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 616, pl. 7, fig. 4. Md., Ill.
L. frondicola Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 484, pl. 46, fig. 3. Conn.
L. funerea Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 393. *Id.*, Spid. U. S., ed. Burgess, p. 34, pl. 4, fig. 11. Ala.
L. furcifera Thorell. Spid. fr. Labrador. Proc. Bost. Soc. Nat. Hist., XVII, p. 499. Labrador.

- L. fuscula* Thorell. *Ibid.*, p. 501. Labrador.
- L. georgiana* Walck. (*Tarentula*). Abbot Ga. Spid. Ins. Apt. I, p. 286. Ga.
- L. georgicola* Walck. (*Tarentuloides*). *Ibid.*, p. 288. Ga.
- L. grœnlandica* Thorell. Spid. fr. Labrador. Proc. Bost. Soc. Nat. Hist., XVII, p. 498. Labrador.
- L. gulosa* Walck. Ins. Apt., I, p. 338. N. Y.
- L. helluo* Walck. *Ibid.*, p. 337. N. Y.
- L. impavida* Walck. Abbot Ga. Spid. *Ibid.*, p. 324. Ga.
- L. impavida* (Note 28) Thorell. = *intrepida* Marx.
- L. indagatrix* Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 512. Colo.
- L. infesta* Walck. Abbot Ga. Spid. Ins. Apt., I, 332. Ga.
- L. intrepida* Marx (Note 28).
- L. iracunda* Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv. Terr., III, No. No. 2, p. 514. Colo.
- L. kochii* Emerton = *Tarentula kochii*.
- L. labradoriensis* Thorell. Spid. fr. Labrador. Proc. Bost. Soc. Nat. Hist., XVII, p. 502. Labrador.
- L. lenta* Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 386. *Id.*, Spid. U. S., ed. Burgess, p. 27, pl. 3, figs. 1-4. Pa., N. C., S. C.
- L. littoralis* Hentz. *Ibid.*, p. 388. *Id.*, *ibid.*, p. 30, pl. 3, fig. 9. N. C., Ohio, D. C., Va., Md., N. J.
- L. mackenziana* Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 621, pl. 7, fig. 7. Mackenzie River.
- L. maritima* Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 389. *Id.*, Spid. U. S., ed. Burgess, p. 30, pl. 3, fig. 10. S. C., Mass., D. C., Va.
- L. milbertii* Walck. Ins. Apt., I, p. 336. N. Y.
- L. milvina* Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 392. *Id.*, Spid. U. S., ed. Burgess, p. 33, pl. 4, fig. 5. Ala.
- L. minima* Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 614, pl. 7, fig. 3. Ill.
- L. modica* Blackw. Spid. fr. Canada. Ann. and Mag. Nat. Hist., XVII, p. 33. Canada.
- L. mordax* Walck. Tabl. d'Aran., p. 12. Ga., Carolina, N. Y.
- Walck. Abbot Ga. Spid. Ins. Apt., I, p. 321.
- Aranea nissa* (Bosc. MSS.) S. l'Araign. Carol., No. 8, pl. 5.
- L. nidicola* Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 482, pl. 46, fig. 1. Mass., R. I., Conn., Ind.
- L. nidifex* (Note 29) Emerton = *arenicola*.
- L. nigroventris* Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 488, pl. 47, fig. 5. Mass.
- L. ocreata* Hentz. Journ. Bost. Soc. Nat. Hist., IV., p. 391. *Id.*, Spid. U. S., ed. Burgess, p. 33, pl. 4, fig. 5. N. C., Ill., Conn., D. C., Va.
- Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 611, pl. 7, fig. 1.
- Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 491, pl. 48, fig. 6.
- L. philadelphia* Walck. (*Tarentuloides*). Journ. Phil. Ac. Nat. Sci., II, pl. 5, fig. 1. Philadelphia, Ga.
- Walck. Ins. Apt., I, p. 289.
- L. pictilis* Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 485, pl. 46, fig. 5. N. H.
- L. pilosa* Girard. Marcy's Explor. of the Red River, La., 1852, p. 252, pl. 16, figs. 4, 5. La.
- Cragin. Contrib. to Knowl. of Arachn. of Kansas. Bull. Washburn Coll., I, No. 4, p. 146.

- L. polita** Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 484, pl. 46, fig. 2. Mass., N. Y., Conn.
- L. pratensis** Emerton. *Ibid.*, p. 483, pl. 46, fig. 4. Mass., Conn., N. H.
- L. propinqua** Blackw. Spid. fr. Canada. Ann. and Mag. Nat. Hist., XVII, p. 31. Canada.
- L. punctulata** Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 390. *Id.*, Spid. U. S., ed. Burgess, p. 31, pl. 3, figs. 16, 17. Ala., Conn., Mass., R. I., Va., D. C., Ga., Fla., Texas.
- Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 490, pl. 48, fig. 1.
- L. riparia** Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 389. *Id.*, Spid. U. S., ed. Burgess, p. 31, pl. 3, figs. 13, 15. Ala., N. C., Va., S. C., D. C., Ga., W. Va.
- Cragin. Contrib. to Knowl. of Arachn. of Kansas. Bull. Washburn Coll., I, No. 4, p. 146.
- L. rufa** Keyserling. Am. Citigradae. Verh. d. z. b. Ges. Wien, 1876, p. 613, pl. 7, fig. 2. Md., D. C., Va., Ill.
- L. rugosa** Keyserling. *Ibid.*, p. 624, pl. 7, figs. 9, 10. Md.
- L. ruricola** Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 381. *Id.*, Spid. U. S., ed. Burgess, p. 28, pl. 3, figs. 5, 6. Ala., Carolinas, D. C., Va., Md., Pa.
- L. saccata** (Latr.) Blackw. Spid. fr. Canada. Ann. and Mag. Nat. Hist., XVII, p. 34. Canada.
- L. saggitata** Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 391. *Id.*, Spid. U. S., ed. Burgess, p. 32, pl. 4, fig. 3, 4. Ala.
- L. saltatrix** Hentz. *Ibid.*, p. 387. *Id.*, *ibid.*, p. 28, pl. 3, fig. 7. U. S.
- L. saxatilis** Hentz. *Ibid.*, p. 392. *Id.*, *ibid.*, p. 34, pl. 4, figs. 9, 10. Ala.
- L. sayi** Walek. Ins. Apt., I, p. 337. N. Y.
- L. scutulata** Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 390. *Id.*, Spid. U. S., ed. Burgess, p. 32, pl. 4, figs. 1, 2. Ala., Conn., D. C., Md., Ill., Wis., Mo., Tex.
- Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 491, pl. 48, fig. 2.
- L. sinitsra** Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 517. Colo.
- L. sternalis** Thorell. *Ibid.*, p. 504. Colo.
- L. suspecta** Walek (*Tarentula*). Abbot Ga. Spid. Ins. Apt., I, p. 286. Ga.
- L. tristis** Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 510. Colo.
- L. triton** Walek. Abbot Ga. Spid. Ins. Apt., I, p. 340. Ga.
- L. turricola** Treat. Harpers' Monthly, April, 1850.
- L. uncata** Thorell. Aran. coll. in Colo. Bull. Geol. Surv. Terr., III, No. 2, p. 508. Colo.
- L. vehemens** Walek. Abbot Ga. Spid. Ins. Apt., I, p. 324. Ga.
- L. venustula** Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 392. *Id.*, Spid. U. S., ed. Burgess, p. 33, pl. 4, figs. 6, 7. Ala.
- L. xerampelina** Keyserling. Am. Citigradae. Verh. d. z. b. Ges. Wien, 1876, p. 622, pl. 7, fig. 8. Ill.

TARENTULA.

Sundeval. Conspectus Arachn., p. 24. 1833.

1848. C. Koch. Die Arachn., XIV, p. 96, subgenus.

1869. Thorell. On Europ. Spid., p. 191.

1876. Keyserling. Am. Citigradae. Verh. d. z. b. Ges. Wien, p. 610.

T. baltimoriana Keyserling. Am. Citigradae. Verh. d. z. b. Ges. Wien, 1876, p. 632, pl. 7, fig. 16. Md.

T. inhonesta Keyserling. *Ibid.*, p. 634, pl. 7, fig. 17. N. Am.

T. kochii Keyserling. *Ibid.*, p. 636, pl. 7, fig. 18. Conn., Mass.

—— Emerton (*Lycosa*). N. Engl. Lycos. Trans. Conn. Ac., VI, p. 485, pl. 46, fig. 6.

- T. lepida** Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 631, pl. 7, fig. 15. N. Am.
- T. modesta** Keyserling. *Ibid.*, p. 626, pl. 7, figs. 11, 12.
- T. modesta* (Note 30) Thorel = *pudens* Marx.
- T. nidifex* Marx = *Lycosa arenicola*.
- T. pikei** Marx. Americ. Naturalist, 1881, p. 348, figs. 4, 5, 6.
- T. pudens** Marx. (Note 30).
modesta Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 520.
- T. scalaris** Thorell. Aran. coll. in Colo. Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 520.

PIRATA.

Sunderal. Conspectus Arachn., p. 24. 1833.

1848. *Potamia* C. Koch. Die Arachn., XIV, p. 98.
1867. *Potamia* Ohlert. Aran. d. Prov. Preuss., pp. 126, 132.
1869. *Pirata* Thorell. On Europ. Spid., p. 193.
1876. *Pirata* Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien., p. 610.
1885. *Pirata* Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 492.

- P. insularis** Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 492, pl. 48, fig. 8. N. Y.
- P. montana** Emerton. *Ibid.*, p. 493, pl. 48, fig. 9. N. Y., N. H.,
- P. minuta** Emerton. *Ibid.*, p. 493, pl. 48, fig. 10. Mass., Conn.
- P. piratica** Clerk (*Araneus*). Sv. Spindl., p. 102, pl. 5, tab. 4. Mass., Conn., D. C., Va.
- Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 492, pl. 48, fig. 7.
- Potamia piratica* C. Koch. Die Arachn., XV, p. 1, figs. 1413, 1414.
- P. prodigiosa** Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 670, pl. 8, fig. 44.

TROCHOSA.

C. Koch. Die Arachn., XIV, p. 95. 1848.

Arctosa. *Id.*, *ibid.*, p. 94.

Trochosa Thorell. On Europ. Spid., p. 192.

Trochosa Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 610.

- T. avara** Keyserling, Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 661, pl. 8, figs. 38, 39. North America.
- T. cinerea** Fabricius (*Araneus*). Ent. Syst., II, p. 423, 1793. Mass., Conn., Ind.
- Emerton (*Lycosa*). N. Engl. Lycos. Trans. Conn. Ac., VI, p. 488, pl. 47, fig. 3.
- Lycosa lynx* Hahn. Die Arachn., II, p. 13, fig. 104.
- Lycosa halodroma* C. Koch. Die Arachn., V, p. 106, figs. 410, 411.
- Arctosa cinera*. *Id.*, *ibid.*, XIV, p. 123, fig. 1358.
- Arctosa lynx*. *Id.*, *ibid.*, p. 133, fig. 1364.
- T. helvipes** Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 659, pl. 8, fig. 37, pl. 7, figs. 35, 36. Md.
- T. rubicunda** Keyserling. *Ibid.*, p. 133, pl. 8, fig. 40. Md.
- T. vafra** C. Koch. Die Arachn., XIV, p. 135, figs. 1365, 1366. North America.

PARDOSA.

C. Koch. Die Arachn., xiv, p. 100. 1848.

1867. Ohlert. Aran. d. Prov. Preuss., pp. 127, 136.

1885. Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 494.

- P. albomaculata* Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 495, pl. 48, fig. 3. N. H.
- P. albopatella* Emerton. *Ibid.*, p. 497, pl. 49, fig. 2. Mass., Conn.
- P. bilineata* Emerton. *Ibid.*, p. 496, pl. 49, fig. 4. Conn.
- P. brunnea* Emerton. *Ibid.*, p. 495, pl. 48, fig. 4. N. H., Mass., Conn.
- P. californica* Keyserling. N. Spinn. a. Am., vii. Verh. d. z. b. Ges. Wien, 1887, p. 483 (63), pl. 6, fig. 44. Cal.
- P. lapidicina* Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 494, pl. 48, fig. 5. Mass., Conn.
- P. montana* Emerton. *Ibid.*, p. 498, pl. 49, fig. 5. N. H.
- P. nigropalpis* Emerton. *Ibid.*, p. 497, pl. 49, fig. 1. Mass., Conn.
- P. pallida* Emerton. *Ibid.*, p. 496, pl. 49, fig. 3. N. H., Mass., Conn.
- P. tristis* Keyserling. N. Spinn. a. Am., vii. Verh. d. z. b. Ges. Wien, 1887, p. 485 (65), pl. 6, fig. 45. Saskatchewan River.

AULONIA.

C. Koch. Die Arachn., xiv, p. 97. 1848.

1876. Simon. Arachn. de France, iii, p. 358.

1885. Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 498.

- A. aurantiaca* Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 499, pl. 49, fig. 6. Mass., Conn., D. C., Va., Md.

OCYALE (Note 31).

Sav. and Aud. Descr. de l'Egypt, xxii, p. 372. 1825-27.

1845. *Micrommata* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 192 *ad part.*

1861. *Ocyale* Westr. Aran. Suec., p. 536.

1864. *Ocyale* Simon. Hist. Nat. d'Araign., p. 381.

1869. *Ocyale* Thorell. On Europ. Spid. p. 194.

1876. *Ocyale* Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, p. 610.

1885. *Ocyale* Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 499.

O. rufa C. Koch. Die Arachn., xiv, p. 112, fig. 1349. Pa., Ga.

O. undata Hentz (*Micrommata*). Journ. Bost. Soc. Nat. Hist., v, p. 192. *Id.*, Spid. U. S., ed. Burgess, p. 42, pl. 6, fig. 7. Ala., Mass., Conn., Pa., Md., D. C., Va., Ga.

— Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 499, pl. 49, fig. 7.

Micrommata carolinensis Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 194. *Id.*, Spid. U. S., ed. Burgess, p. 44, pl. 6, fig. 9.

Micrommata serrata Hentz. *Ibid.*, p. 193. *Id.*, *ibid.*, p. 43, pl. 6, fig. 9.

DOLOMEDES.

Latreille. Nouv. Diction. d'Hist. Nat., xxiv, p. 135. 1804.

1861. Westr. Aran. Suec., p. 534.

1861. Blackw. Spid. of Gr. Brit., I, p. 37 *ad part.*

1876. Keyserling. Am. Citigradae. Verh. d. z. b. Ges. Wien, p. 610.

1876. Simon. Arachn. de France, III, p. 228.

1885. Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 500.

D. ærugineus C. Koch. Die Arachn., XIV, p. 122, fig. 1357. N. Am.

D. albineus Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 189. *Id.*, Spid. U. S., ed. Burgess, p. 39, pl. 6, fig. 7. Ala., Ga.

D. binotatus C. Koch. Die Arachn., XIV, p. 121, fig. 1356. N. Am.

D. connexus Giebel. Spinn. a. Illinois. Zeitschr. f. ges. Naturwiss., XXXIII, p. 252. Ill.

D. fontanus Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 502, pl. 49, fig. 10. N. H.

D. hastatulus Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 395. *Id.*, Spid. U. S., ed. Burgess, p. 37, pl. 4, fig. 9. Ala.

D. lanceolatus Hentz. *Ibid.*, V, p. 191. *Id.*, *ibid.*, p. 40, pl. 7, fig. 12. Mass., Ala., N. C., S. C.

D. lineatus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 347. Ga.

D. mirus Walck. *Ibid.*, p. 357. Ga.

D. rufus Walck. *Ibid.*, p. 351. Ga.

D. scapularis C. Koch. Die Arachn., XIV, p. 119, fig. 1354. Pa., La.

—— Keyserling. Am. Citigradae. Verh. d. z. b. Ges. Wien, 1876, p. 676, pl. 8, fig. 49.

D. scriptus Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 189. *Id.*, Spid. U. S., ed. Burgess, p. 38, pl. 6, fig. 1. Ala.

D. sexpunctatus Hentz. *Ibid.*, V, p. 191. *Id.*, *ibid.*, p. 41, pl. 6, figs. 5-6. N. C., Mass., N. Y., N. H., Pa., Md., D. C., Va.

—— Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 501, pl. 49, fig. 8.

D. striatus Giebel. Spinn. a. Ill. Zeitschr. f. ges. Naturwiss., XXXIII, p. 252. Ill.

D. tenax Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 395. *Id.*, Spid. U. S., ed. Burgess, p. 37, pl. 5, fig. 7. N. C.

D. tenebrosus (Note 32) Hentz. *Ibid.*, IV, p. 396. *Id.*, *ibid.*, p. 38, pl. 5, fig. 10-13. N. C., Ala., Mass., Pa., Md., D. C., Va., Ga.

—— Emerton. N. Engl. Lycos. Trans. Conn. Ac., VI, p. 501, pl. 49, fig. 9.

D. urinator Hentz. Journ. Bost. Soc. Nat. Hist., V, p. 190. *Id.*, Spid. U. S., ed. Burgess, p. 40, pl. 6, fig. 3. N. C., Ala., Mass., Md., D. C., Va., W. Va.

D. virgatus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 358. Ga.

D. vittatus Walck. *Ibid.*, p. 347. Ga.

Family OXYOPIDÆ.

1869. *Oxyopoidæ* Thorell. On Europ. Spid., p. 196.

1876. *Oxyopidæ* Simon. Arachn. de France, III, p. 214.

PEUCETIA.

Thorell. On Europ. Spid., p. 196. 1869.

1858. *Pasithea* Blackw. Descrip. of six Spid., p. 427.

P. aurora McCook. Proc. Ac. Nat. Sc., Phila., 1883, p. 276. Cal.

P. viridans Hentz (*Oxyopes*). Journ. Bost. Soc. Nat. Hist., V, p. 195. *Id.*, Spid. U. S., ed. Burgess, p. 46, pl. 7, fig. 2. Fla., N. C., Ala., Miss., La., Cal.

OXYOPES.

Latreille. Nouv. Dict. d'Hist. Nat., xxiv, p. 135. 1804.

1805. *Sphasus* Walck. Tabl. d'Aran., p. 19.
 1832. *Oxyopes* Hentz. Am. Journ. of Science and Art, xxi, p. 105.
 1837. *Sphasus* Walck. Ins. Apt., I, p. 373.
 1861. *Sphasus* Blackw. Spid. of Gr. Brit., I, p. 43.
 1845. *Oxyopes* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 195.
 1875. *Oxyopes* Hentz. Spid. U. S., ed. Burgess, p. 45.
 1885. *Oxyopes* Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 502.
- O. arcuatus** Walck. (*Sphasus*). Abbot Ga. Spid. Ins. Apt., I, p. 378. Ga.
O. astutus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 197. *Id.*, Spid. U. S., ed. Burgess, p. 48, pl. 7, fig. 1. Ala., Va.
O. fossanus Walck. (*Sphasus*). Abbot Ga. Spid. Ins. Apt., I, p. 377. Ga.
O. gracilis Keyserling = *salticus*.
O. lanceolatus Walck. (*Sphasus*). Abbot Ga. Spid. Ins. Apt., I, p. 377. Ga.
O. salticus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 196. *Id.*, Spid. U. S., ed. Burgess, p. 47, pl. 6, fig. 10. Fla., Tex., La., Miss., Ga., S. C., Va., D. C., Md.
gracilis Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 698, pl. 8, fig. 63, 64.
O. scalaris Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 196. *Id.*, Spid. U. S., p. 47, pl. 7, fig. 4. N. H., Va., D. C., Md.
 ——— Emerton. N. Engl. Lycos. Trans. Conn. Ac., vi, p. 502, pl. 49, fig. 11.
O. vittata Walck. (*Sphasus*). Abbot Ga. Spid. Ins. Apt., I, p. 378. Ga.

Family PODOPHTHALMIDÆ.

1877. Cambridge. Proc. Lond. Zool. Soc., III, p. 566.
 1878. Karsch. Zeitschr. f. ges. Naturwiss., LI, p. 327.

TETRAGONOPHTHALMA.

Karch. Zeitsch. f. ges. Naturwiss., LI, p. 329. 1878.

Thomisus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 443, *ad part.*

- T. dubia** Hentz. (*Thomisus*). Journ. Bost. Soc. Nat. Hist., v, p. 448. *Id.*, Spid. U. S., ed. Burgess, p. 82, pl. 10, fig. 11. N. C.
T. tenuis Hentz. (*Thomisus*). *Ibid.*, p. 449. *Id.*, *ibid.*, p. 82, pl. 10, fig. 12. Ala.
T. undulata Keyserling. N. Spinn. a. Am., VII. Verh. d. z. b. Ges. Wien, 1887, p. 486, (66), pl. 6, fig. 42. Fla.

Family CTENIDÆ

Keyserling. Am. Citigradæ. Verh. d. z. b. Ges. Wien, 1876, p. 680.

CTENUS.

Walck. Tabl. d'Aran., p. 16, 1805.

1844. Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 393.
 1875. Hentz. Spid. U. S., ed. Burgess, p. 34.
C. hibernalis Hentz. Journ. Bost. Soc. Nat. Hist., IV, p. 393. *Id.*, Spid. U. S., ed. Burgess, p. 35, pl. 5, figs. 1-4. Ala., N. Mex.
C. punctulatus Hentz. *Ibid.* Ahin., p. 393. *Id.*, *ibid.*, p. 35, pl. 5, figs. 5, 6. Ala., Tex., Ariz.

Tribus X SALTIGRADÆ.

Family ATTIDÆ.

1817. *Saltigrades* Latreille. Cuvier's Règne anim., III, p. 95.
 1823. *Saltatores* Sundev. Gen. Aran. suec., p. 20.
 1833. *Attidæ* Sundev. Conspect. Arachn., p. 25.
 1850. *Attides* C. Koch. Uebers d. Arachn. Syst., v, p. 42.
 1869. *Attoidæ* Thorell. On Europ. Spid., p. 203.
 1887. *Salticoideæ* Thorell. Ragni. Birmani. Ann. Mus., CIV, Genoa, XXV.

Subfamily ATTINÆ.

PHIDIPPUS.

C. Koch. Uebers d. Arachn. Syst., v, p. 53. 1850.

1855. Peckham. Gen. Fam. Attidæ. Wisc. Acad., p. 298.

1857. Peckham. Attidæ of North America. *Ibid.*, separate, p. 11.

P. albomaculatus Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 491, pl. 13, fig. 2. N. H., Mass., Cal.

—— Peckham. Att. of N. A., p. 19, pl. 1, fig. 3.

P. alchymista Koch = *morsitans*.

P. arizonensis Peckham (*Attus*). Deser. Att. U. S., p. 13, pl. 2, fig. 10. *Id.*, Att. of N. A., p. 18, pl. 1, fig. 10. Ariz., Tex., Cal.

P. asinarius C. Koch = *galathea*.

P. auctus C. Koch = *Philwus rimator*.

P. bicolor Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 496, pl. 13, fig. 6. Utah.

P. cardinalis Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 200. *Id.*, Spid. U. S., ed. Burgess, p. 51, pl. 7, fig. 9. Southern U. S.

—— Peckham (*Attus*). Deser. Att. U. S., p. 31, pl. 3, fig. 24. *Id.*, Att. N. A., p. 15, pl. 2, fig. 4.

P. carolinus C. Koch. Die Arachn., XIII, p. 136, fig. 1194. Carolina.

P. castrensis C. Koch. *Ibid.*, p. 140, fig. 1195. Pa.

P. clarus Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 497, pl. 13, fig. 7. Md.

P. coloradensis Thorell. = *insolens*.

P. concinnatus C. Koch. Die Arachn., XIII, p. 145, fig. 1202. Pa., Md.

P. dubiosus C. Koch. *Ibid.*, p. 144, fig. 1201. Pa.

P. elegans C. Koch. *Ibid.*, p. 143, fig. 1200. Pa.

P. galathea Walck. (*Attus*). Abbot Ga. Spid. Ins. Apt., I, p. 456. *Ibid.*, IV, p. 423. Ga., Eastern States.

—— Peckham. Att. N. A., p. 14, pl. 1, fig. 3.

Attus mystaceus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 355. *Id.*, Spid. U. S., ed. Burgess, p. 58, pl. 8, fig. 9.

Phidippus asinarius C. Koch. Die Arachn., XIII, p. 139, fig. 1197.

P. gracilis Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 495, pl. 13, fig. 5. Ky.

P. insigniarius C. Koch. Die Arachn., XIII, p. 150, fig. 1206. Pa.

P. insolens Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 200. *Id.*, Spid. U. S., ed. Burgess, p. 51, pl. 7, fig. 8. N. C., Ga., Fla., Colo.

—— Peckham. Att. N. A., p. 23, pl. 1, fig. 12.

Attus podagrosus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 357. *Id.*, Spid. U. S., ed. Burgess, p. 61, pl. 8, fig. 13.

Phidippus coloradensis Thorell. Arachn. coll. in Color. Bull. U. S. Geol. Surv. Terr., III, No. 2, p. 523.

- P. johnsoni** Peckham (*Attus*). Descr. Att. U. S., p. 22, pl. 2, fig. 17. *Id.*, Att. N. A., p. 20, pl. 1, fig. 14. Wash.
P. lunulatus C. Koch = *morsitans*.
- P. McCookii** Peckham (*Attus*). Descr. Att. U. S., p. 16, pl. 2, fig. 12. *Id.*, Att. N. A., p. 17, pl. 2, fig. 9. Pa.
- P. mexicanus** Peckham. Att. of N. A., p. 23, pl. 2, fig. 7. Ariz.
- P. miniatus** Peckham (*Attus*). Descr. Att. U. S., p. 15, pl. 1, fig. 6. *Id.*, Att. N. A., p. 15, pl. 1, fig. 6. Fla., Tex.
- P. morsitans** Walck. (*Attus*). Abbot Ga. Spid. Ins. Apt., 1, p. 432. *Ibid.*, IV, p. 419. U. S.
- Peckham. Att. of N. A., p. 11, pl. 1, fig. 1.
Attus audax Hentz. Journ. Bost. Soc. Nat. Hist., v., p. 199. *Id.*, Spid. U. S., ed. Burgess, p. 50, pl. 7, figs. 6, 7.
Attus tripunctatus. *Id.*, *ibid.*, p. 355. *Id.*, *ibid.*, p. 58, pl. 8, fig. 8.
Attus tripunctatus Peckham. Descr. Att. U. S., p. 33, pl. 3, fig. 25.
Phidippus alchymista C. Koch. Die Arachn., XIII, p. 131, fig. 1190.
Phidippus lunulatus C. Koch. *Ibid.*, p. 133, fig. 1192.
Phidippus mundulus C. Koch. *Ibid.*, p. 137, fig. 1196.
Phidippus purpurifer C. Koch. *Ibid.*, p. 127, fig. 1187.
Phidippus rufimanus C. Koch. *Ibid.*, p. 132, fig. 1191.
Phidippus smaragdifer C. Koch. *Ibid.*, p. 128, fig. 1188.
Phidippus variegatus C. Koch. *Ibid.*, p. 125, fig. 1186.
- P. mundulus* C. Koch = *morsitans*.
- P. obscurus** Peckham. Att. of N. A., p. 16, pl. 1, fig. 5. Tex., D. C.
- P. octopunctatus** Peckham (*Attus*). Descr. Att. U. S., p. 6, pl. 1, fig. 4. *Id.*, Att. N. A., p. 21, pl. 2, fig. 15. Mo.
- P. opifex** McCook (*Attus*). Proc. Ac. Nat. Sci., Phila., 1878, p. 276. Cal.
- Peckham. Att. N. A., p. 20, pl. 2, fig. 11.
- P. otiosus** Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 356. *Id.*, Spid. U. S., ed. Burgess, p. 59, pl. 8, fig. 10. Ga., Ala.
- Peckham. Att. N. A., p. 25, pl. 1, fig. 15.
- P. paludatus** C. Koch. Die Arachn., XIII, p. 149, fig. 1205. Carolina.
- P. pulcherrimus** Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 492, pl. 13, fig. 3. Fla.
- P. personatus** C. Koch. Die Arachn., XIII, p. 141, fig. 1199. Pa.
- P. purpuratus** Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 489, pl. 13, fig. 1. Me., Mass., Utah.
- P. purpurifer* C. Koch = *morsitans*.
- P. rauterbergii** Peckham. Att. N. A., p. 22, pl. 1, fig. 8. Tex.
- P. ruber* Keyserling = *rufus*.
- P. rufimanus* C. Koch = *morsitans*.
- P. rufus** Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 356. *Id.*, Spid. U. S., ed. Burgess, p. 60, pl. 8, fig. 12. U. S.
- Peckham. Att. N. A., p. 13, pl. 1, fig. 2.
Attus castaneus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 353. *Id.*, Spid. U. S., ed. Burgess, p. 55, pl. 8, fig. 4.
Plexippus rufus C. Koch. Die Arachn., XIII, p. 120, fig. 1180.
Plexippus bivittatus C. Koch. *Ibid.*, p. 120, fig. 1181.
Phidippus ruber Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 493, pl. 13, fig. 4.
- P. smaragdifer* C. Koch = *morsitans*.
- P. testaceus** C. Koch. Die Arachn., XIII, p. 160, fig. 1225. Pa.
- P. togatus** C. Koch. *Ibid.*, p. 129, fig. 1189. Pa.
- P. variegatus* C. Koch = *morsitans*.

PHILÆUS.

Thorell. On Europ. Spid., p. 217. 1869.

1855. Peckham. Gen. Fam. Att. Wis. Acad., p. 299.

1857. Peckham. Att. of N. A. *Ibid.*, p. 25.

P. chrysis Walck. (*Attus*). Abbot Ga. Spid. Ins. Apt., I, p. 454. S. C., Ga.

— Peckham. Att. N. A., p. 30, pl. 1, fig. 20.

Attus iris Walck., ♀. Abbot Ga. Spid. Ins. Apt., I, p. 455.

Plexippus orichalceus C. Koch. Die Arachn., XIII, p. 113, fig. 1174.

P. farneus Peckham. Att. N. A., p. 26, pl. 2, fig. 16. Tex.

P. fartilis Peckham. *Ibid.*, p. 27, pl. 2, fig. 17. Ariz.

P. militaris Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 201. *Id.*, Spid.

U. S., ed. Burgess, p. 62, pl. 7, figs. 10, 11. U. S.

— Peckham. Att. N. A., p. 25, pl. 1, fig. 19.

Eris aurigera, ♂, C. Koch. Die Arachn., XIII, p. 189, fig. 1237.

Phidippus asinarius C. Koch (Peckham's quotation)?

P. princeps Peckham (*Attus*). Descr. Att. U. S., p. 18, pl. 2, fig. 14. Pa.

— Peckham. Att. N. A., p. 31, pl. 3, fig. 21.

P. rimator Walck. (*Attus*). Abbot Ga. Spid. Ins. Apt., I, p. 446 Pa., Fla., Ga., Iowa.

— Peckham. Att. N. A., p. 32, pl. 1, fig. 22.

Phidippus auctus C. Koch. Die Arachn., XIII, p. 148, fig. 1204.

PLEXIPPUS.

C. Koch. Uebers d. Arachn. Syst., v, p. 51. 1850.

1855. Peckham. Genera Fam. Att. Wis. Ac., p. 296.

P. albovittatus C. Koch. Die Arachn., XIII, p. 118, fig. 1178. Pa.

P. bivittatus C. Koch. *Ibid.*, p. 120, fig. 1181. Pa.

P. puerperus Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 360. *Id.*, Spid.

U. S., ed. Burgess, p. 64, pl. 8, fig. 22. Cal., Tex., Fla., Ga.

— Peckham. Att. N. A., p. 33, pl. 1, fig. 23.

Alemana pallida C. Koch. Die Arachn. XIII, p. 179, fig. 1229.

Attus agrestis Peckham. Descr. of Att. of U. S., p. 12, pl. 1, fig. 9.

P. putnami Peckham (*Attus*). Descr. Att. U. S., p. 1, pl. 1, fig. 1. *Id.*, Att. N. A., p. 35, pl. 3, fig. 24. Iowa.

P. rufus C. Koch. Die Arachn., XIII, p. 120, fig. 110. Pa.

P. undatus C. Koch = *Astia vittata*.

DENDRYPHANTES.

C. Koch. Uebers d. Arachn. Syst., I, p. 31. 1837.

1855. Peckham. Genera Fam. Att. Wis. Ac., p. 293.

D. alboimaculatus Peckham (*Attus*). Descr. Att. U. S., p. 24, pl. 2, fig. 19. *Id.*, Att. N. A., p. 41, pl. 3, fig. 29. Iowa, N. Y.

D. capitatus Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 200. *Id.*, Spid. U. S., ed. Burgess, p. 51, pl. 7, fig. 15. U. S.

— Peckham. Att. N. A., p. 36, pl. 1, fig. 25.

Attus parrus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 355. *Id.*, Sp. U. S., ed. Burgess, p. 62, pl. 8, fig. 17.

Attus astiralis Peckham. Descr. Att. U. S., p. 2, pl. 1, fig. 2.

- D. elegans* Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 353. *Id.*, Spid. U. S., ed. Burgess, p. 56, pl. 8, fig. 6, ♀. Middle, Eastern, and Southern States.
 ——— Peckham. Att. N. A., p. 37, pl. 3, fig. 20.
Attus superciliosus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 364. *Id.*, Spid. U. S., ed. Burgess, p. 68, pl. 9, fig. 11.
Maevia cristata C. Koch. Die Arachn., xiv, p. 70, fig. 1326.
Attus tibialis Peckham. Descr. Att. U. S., p. 11, pl. 1, fig. 8.
D. flavipedes Peckham. Att. N. A., p. 42, fig. 20, pl. 3. Canada.
D. flavus Peckham. *Ibid.*, p. 39, pl. 1, fig. 27. N. Y.
D. multicolor Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 202. *Id.*, Spid. U. S., ed. Burgess, p. 53, pl. 7, fig. 13. Pa., Ala.
 ——— Peckham. Att. N. A., p. 40, pl. 3, fig. 28.

ICIUS.

Simon. Arachn. de France, III, p. 54. 1876.

1855. Peckham. Genera Fam. Att. Wis., Ae., p. 306.

- I. albiovittatus* Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 502, pl. 13, fig. 10. Mass.
 ——— Peckham. Att. N. A., p. 50, pl. 1, fig. 35.
I. crassiventer Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 503, pl. 13, fig. 11. Mass.
I. elegans Keyserling. *Ibid.*, p. 499, pl. 13, fig. 8. N. A.
I. lineatus C. Koch (*Maevia*). Die Arachn., xiv, p. 77, fig. 1332. Pa., Wis., Ga.
Attus quadrilineatus Peckham. Descr. Att. U. S., p. 19, pl. 2, fig. 15.
I. mitratus Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 363. *Id.*, Spid. U. S., ed. Burgess, p. 68, pl. 9, fig. 9. Wis., Pa., N. C., Ala., Ga., Fla.
 ——— Peckham. Att. N. A., p. 49, pl. 1, fig. 34.
Attus morigerus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 365. *Id.*, Spid. U. S., Burgess, p. 69, pl. 9, fig. 12.
Maevia pallida C. Koch. Die Arachn., xiv, p. 79. Pa.
I. nigromaculatus Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 500, pl. 13, fig. 9. Utah.
I. palmarum Hentz (*Epiblemum*). Journ. Bost. Soc. Nat. Hist., v, p. 366. *Id.*, Spid. U. S., ed. Burgess, p. 71, pl. 9, fig. 16. N. Y., N. C., S. C., Ala., Fla., V., D. C., Md.
 ——— Peckham (*Epiblemum*). Descr. Att. U. S., p. 28, pl. 3, fig. 22. *Id.*, Att. N. A., p. 46, pl. 1, fig. 33.
I. piraticus Peckham. Att. N. A., p. 49, pl. 1, fig. 35. Tex.
I. vittatus Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 504, pl. 13, fig. 12. N. A.

PSEUDICIUS.

Simon. Faune Arachn. de l'Asie mer. Bull. Soc. Ent., France, p. x, 1885.

1855. Peckham. Genera Fam. Att. Wis. Ac., p. 336.

- P. hardfordii* Peckham. Att. of N. A., p. 51, pl. 1, fig. 36. Cal.

SADALA.

Peckham. Att. of N. A., p. 52. 1883.

- S. distincta* Peckham. Att. of N. A., p. 53, pl. 1, fig. 70. N. Mex.

ERIS.

C. Koch. Die Arachn., XIII, p. 189. 1846.

1850. *C. Koch.* Uebers d. Arachn. Syst., v, p. 59.

1876. *Simon.* Arachn. de France, III, p. 197.

1880. *Karsch.* Arachn. Bl., VIII, Zeitschr. f. ges. Naturwiss., p. 397.

1885. *Peckham.* Genera Fam. Att., p. 284.

E. nervosus *Peckham.* Att. of N. A., p. 56, pl. 1, fig. 39. N. Y.

E. octavus *Hentz (Attus).* Journ. Bost. Soc. Nat. Hist., v, p. 365. *Id.*, Spid. U. S., ed. Burgess, p. 70, pl. 9, fig. 15, N. Y., Ala., N. C., Ga.

—— *Peckham.* Att. of N. A., p. 54, fig. 37.

HASARIUS.

Simon. Arachn. d. France, III, p. 77. 1876.

1855. *Peckham.* Genera Fam. Att. Wis. Ac. Sc., etc., p. 312.

H. hoyi *Peckham (Attus).* Descr. of Att. U. S., p. 7, pl. 1, fig. 5. Pa., N. Y., Wis.

—— *Peckham.* Att. of N. A., p. 57, pls. 1, 4, fig. 40.

Attus pinus *Peckham.* Descr. of Att. of U. S., p. 20, pl. 2, fig. 16.

HABROCESTUM.

Simon. Arachn. d. France, III, p. 131. 1876.

1885. *Peckham.* Genera Fam. Att. Wis. Ac. Sc., etc., p. 316.

H. auratum *Hentz (Attus).* Journ. Bost. Soc. Nat. Hist., v, p. 362. *Id.*, Spid. U. S., ed. Burgess, p. 66, pl. 9, fig. 6. N. Y., S. C., Ga.

—— *Peckham.* Att. of N. A., p. 63, pls. 1, 4, fig. 46.

H. coecatum *Hentz (Attus).* Journ. Bost. Soc. Nat. Hist., v, p. 361. *Id.*, Spid. U. S., ed. Burgess, p. 65, pl. 9, fig. 2. Pa., N. Y., Ala.

—— *Peckham.* Att. of N. A., p. 60, pls. 1, 4, fig. 42.

H. coronatum *Hentz (Attus).* Journ. Bost. Soc. Nat. Hist., v, p. 361. *Id.*, Spid. U. S., ed. Burgess, p. 64, pl. 9, fig. 1. Pa., Ala., Iowa.

—— *Peckham.* Att. of N. A., p. 59.

H. cristatum *Hentz (Attus).* Journ. Bost. Soc. Nat. Hist., v, p. 363. *Id.*, Spid. U. S., ed. Burgess, p. 67, pl. 9, fig. 8. N. Y., Ala., Conn.

—— *Peckham.* Att. of N. A., p. 62, pls. 1, 4, fig. 45.

H. hirsutum *Peckham.* Att. of N. A., p. 64, pl. 4, fig. 47. Oregon.

H. oregonense *Peckham.* *Ibid.*, p. 66, pl. 5, fig. 49. Oregon.

H. peregrinum *Peckham (Attus).* Descr. of Att. of U. S., p. 17, pl. 2, fig. 13. N. Y., Conn.

—— *Peckham.* Att. of N. A., p. 6, pls. 1, 4, fig. 44.

H. splendens *Peckham (Attus).* Descr. of Att. of U. S., p. 4, pl. 1, fig. 3. Wis., Mass.

—— *Peckham.* Att. of N. A., p. 65, pls. 1, 5, fig. 48.

Pellenes nigriceps *Keyserling.* N. Spinn. a. Am., vi. Verb. d. z. b. Ges. Wien, 1885, p. 512, pl. 13, fig. 17.

H. viridipes *Hentz (Attus).* Journ. Bost. Soc. Nat. Hist., v, p. 362. *Id.*, Spid. U. S., ed. Burgess, p. 66, pl. 9, fig. 5. Tex., S. C.

—— *Peckham.* Att. of N. A., p. 60, pls. 1, 4, fig. 43.

SAITIS.

Simon. Arachn. d. France, III, p. 168. 1876.

1882. *Thorellia* L. Koch in Keyserling Arachn. Austral., p. 1352.

1883. *Saitis*. *Id.*, *ibid.*, p. 1434.

1885. Peckham. Genera of Fam. Att. Wis. Ac. Sc., etc., p. 321.

S. pulex Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 361. *Id.*, Spid. U. S., ed. Burgess, p. 65, pl. 9, fig. 3. N. Y., Pa., Wis., Iowa, Tenn., Ala.

—— Peckham. Att. of N. A., p. 67, pls. 1, 5, fig. 50.

Euophrys offuscata ? C. Koch. Die Arachn., XIII, p. 218, fig. 1263.

Cyrra pulex Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1885, p. 509, pl. 13, fig. 15. Mass., N. Y., Pa., Wis., Iowa, Tenn., Ala.

S. notata Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1885, p. 510, pl. 13, fig. 16. Ky.

PROSTHECLINA.

Keyserling. Arachn. Austral., p. 1368. 1882.

P cambridgii Peckham. Att. of N. A., p. 69, pls. 1, 5, fig. 51. Fla.

ASTIA.

L. Koch. Arachn. Austral., p. 1152. 1879.

1885. Peckham. Genera of the Fam. Att. Wis. Ac. Sc., etc., p. 332.

A. morosa Peckham. Att. of N. A., p. 71, pls. 1, 5, fig. 53. Cal.

A. vittata Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 360. *Id.*, Spid. U. S., ed. Burgess, p. 64, pl. 8, fig. 23. U. S.

—— Peckham. Att. of N. A., p. 70, pls. 1, 5, fig. 52.

Plexippus undatus C. Koch. Die Arachn., XIII, p. 123, fig. 1183.

Mavia pencillata. *Id.*, *ibid.*, XIV, p. 69, fig. 1325.

Attus niger Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 359. *Id.*, Spid. U. S., ed. Burgess, p. 63, pl. 8, fig. 19.

MÆVIA.

C. Koch. Uebers d. Arachn. Syst., v, p. 50. 1850.

1885. Peckham. Genera of Fam. Att. Wis. Ac. Sc., etc., p. 308.

M. annulipes C. Koch. Die Arachn., XIV, p. 80, fig. 1335. Pa.

M. aurulenta C. Koch. *Ibid.*, p. 84, fig. 1338. Pa.

M. californica Peckham. Att. of N. A., p. 73, pl. 5, fig. 54. Cal.

M. chrysea C. Koch = *Homalattus cyaneus*.

M. cristata C. Koch = *Dendryphantas elegans*.

M. lineata C. Koch = *Icius lineatus*.

M. pallida C. Koch = *Icius mitratus*.

M. pennicillata C. Koch = *Saitis pulex*.

M. sulfurea C. Koch. Die Arachn., XIV, p. 71, fig. 1327. Pa.

M. tibialis C. Koch. *Ibid.*, p. 78, fig. 1333. Pa.

CYTÆA.

Keyserling. Arachn. Austral., p. 1380. 1882.

1885. Peckham. Genera of the Fam. Att. Wis. Ac. Sc., etc., p. 331.

C. minuta Peckham. Att. of N. A., p. 73, pls. 1, 5, fig. 55. Cal.

CYRBA.

Simon. Arachn. d. France, III, p. 165. 1876.

1882. Keyserling. Arachn. Austral., p. 1436.

1885. Peckham. Genera of the Fam. Att. Wis. Ac. Sc., etc., p. 318.

C. pulex Keyserling = *Saitis pulex*.

C. tæniola Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 353. *Id.*, Spid. U. S., ed. Burgess, p. 56, pl. 8, fig. 5. Pa., S. C., Ala., Ga., Fla., Wis.

—— Peckham. Att. of N. A., p. 75, pls. 1, 4, 5, fig. 56.

EPIBLEMUM.

Hentz. Am. Journ. of Science and Art, XXI, p. 108. 1832.

1837. *Calliethera* C. Koch. Uebers de Arachn. Syst., 1, p. 30.

1864. *Cyrtotota* Simon. Hist. Nat. d'Araign, p. 324.

1876. *Calliethera*. *Id.*, Arachn. de France, III, p. 62.

1875. *Epiblemum* Hentz. Spid. U. S., ed. Burgess, p. 11, p. 70.

1885. *Epiblemum* Peckham. Genera of the Fam. Att. Wis. Ac. Sc., etc., p. 311.

E. faustum Hentz = *scenicum*.

E. palmarum Hentz = *Icius palmarum*.

E. scenicum Clerk (*Araneus*). Sv. Spindl., p. 117, pl. 5, tab. 13, 1757. N. A.

—— Peckham. Att. of N. A., p. 76, pls. 1, 4, fig. 57.

Aranea scenica Linn. Syst. Nat. Ed., x, p. 623.

Aranea albofasciata De Geer. Mem., VII, p. 287 *ad part.*

Attus scenicus Walck. Tabl. d'Aran., p. 24 *ad part.*

Salticus scenicus Latr. Gen. Crust. et Ins. 1, p. 123 *ad part.*

Salticus scenicus Hahn. Die Arachn., 1, p., 57, figs. 43, 44 *ad part.*

Epiblemum faustum Hentz. Am. Journ. Sci. and Arts, XXI, p. 108.

Attus scenicus Sund. Sv. Spindl. in Vet. A. K. Handl., p. 202.

Calliethera scenica C. Koch. Uebers de Arachn. Syst., 1, p. 31.

Calliethera histrionica. *Id.*, *ibid.*

Calliethera histrionica. *Id.* Die Arachn., XIII, p. 42, figs. 1110, 1111.

Calliethera scenica. *Id.*, *ibid.*, p. 37, figs. 1106, 1107.

Calliethera aulica. *Id.*, *ibid.*, p. 51, figs. 1118, 1119.

Salticus propinquus Lucas. Expl. Alg. Ar., p. 162.

Salticus alborvittatus. *Id.*, *ibid.*, p. 164.

Epiblemum faustum Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 367.

Calliethera histrionica Thorell. Rec. crit. Aran., p. 68.

Calliethera scenica. *Id.*, *ibid.*

Salticus scenicus Blackw. Spid. of Gr. Brit., 1, p. 47.

Callietherus histrionicus Simon. Monogr. d'Art. d'Eur., p. 650.

Epiblemum histrionicum Thorell. On Europ. Spid., p. 211.

Epiblemum scenicum Thorell. On Syn., p. 360.

Calliethera scenica Simon. Arachn. de France, III, p. 64.

Epiblemum scenicum Workman. Irish Spid. Belf. Nat. Hist. Soc., p. 16.

ADMESTINA.

Peckham. Att. of N. A. Wis. Ac., etc., 1883, p. 73.

- A. wheelerii** Peckham. Att. of N. A. Wis. Ac. Sc., etc., 1885, p. 73, pls. 1, 5, fig. 53. Wis.

HYCTIA.

Simon. Arachn. de France, III, p. 18. 1876.

- H. pikei** Peckham. Att. of N. A. Wis. Ac. Sc., etc., p. 70, pls. 1, 4, 5, fig. 59. N. Y., S. C., Ga., Fla., D. C.

MARPTUSA.

Thorell. Ragni Malesi e Pap., 1, p. 221. 1877.

1846. *Marpissa* C. Koch. Die Arachn., XIII, p. 56 *ad part*.

1850. *Marpissa id.* Uebers d. Arachn., Syst., v, p. 47.

1868. *Marpissus* Simon. Monogr. d'Attid., pp. 6, 7 *ad part*.

1869. *Marpessa* Thorell. On Europ. Spid., p. 213 *ad part*.

1876. *Marpissa* Simon. Arachn. de France, III, p. 23.

1879. *Marptusa* L. Koch. Arachn. Austral., p. 1092 *ad part*.

1885. *Marptusa* Peckham. Genera of the Fam. Att. Wis. Acad. Sc., etc., p. 291.

- M. californica** Peckham. Att. of N. A., p. 81, pls. 1, 5, 6, fig. 61. Cal.

M. conspersa C. Koch = *familiaris*.

- M. familiaris** Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 354. *Id.*, Spid. U. S., ed Burgess, p. 56, pl. 8, fig. 7. U. S.

—— Peckham. Att. of N. A., p. 80, pls. 1, 4, 5, fig. 60.

Marpissa undata C. Koch. Die Arachn., XIII, p. 60, fig. 1127.

Marpissa conspersa. *Id.*, *ibid.*, p. 61, fig. 1128.

Marpissa varia. *Id.*, *ibid.* p. 69, fig. 1135.

M. undata C. Koch = *familiaris*.

M. varia C. Koch = *familiaris*.

MENEMERUS.

Simon. Monogr. d'Att. de l'Europ. p. 6. 1869.

Peckham. Genera of the Fam. Att. Wis. Ac. Sc., etc., 1885, p. 292.

- M. cruciferus** Keyserling. N. Spinn. a. Am., VI. Verh. d. z. b. Ges. Wien, 1884, p. 513, pl. 13, fig. 18. S. C.

- M. melanognathus** Lucas. (*Salticus*) Hist. Nat. d'Iles Canar., II, p. 29, pl. 7, fig. 4, 1839. Fla.

—— Peckham. Att. of N. A., p. 82, pls. 1, 6, fig. 62.

Marpissa dissimilis C. Koch. Die Arachn., XIII, p. 70, figs. 1135, 1136.

Marpissa incerta. *Id.*, *ibid.*, p. 73, fig. 1138.

Salticus convergens Doleschall. Tw. Bijdr. Ar. Ind. Archip., p. 15, pl. 9, fig. 4.

Attus muscivorus Vinson. Ar. d. Iles d.l. Reunion, p. 47, pl. 10, fig. 1.

Attus foliatus L. Koch. Verh. d. z. b. Ges. Wien, 1867, p. 226.

Salticus nigro-limbatus Cambridge. Proc. Lond. Zool. Soc., 1869, p. 542, pl. 42, fig. 10.

Marpissa nigro-limbata. *Id.*, Syst. list of Spid. of Gr. Brit. and Irel. *Ibid.*, xxx, p. 333.

Icius (?) *convergens* Thorell. Studi, etc., II. Ragni de Amboina, pp. 232, 309.
Marptusa marita Karsch. West Afr. Ar. in Zeitschr. f. ges. Naturwiss., LII,
 p. 338.

Menemerus foliata L. Koch. Arachn. Austral., p. 1123, pl. 98, figs. 1, 2.

Attus maunii Peckham. Deser. of Att. of U. S., p. 27, pl. 3, fig. 21.

Menemerus melanognathus E. Simon. Arachn. de l'Océan Atl. Ann. Soc. Ent.
 Fr. 1883, pp. 284, 306.

M. paykullii Aud. et Sav. (*Attus*). Deser. de l'Égypte, xxii, p. 172, 1825-27. Fla.

—— Peckham. Att. of N. A., p. 84, pls. 1, 6, fig. 63.

Attus paykullii Walck. Ins. Apt., 1, p. 426.

Attus ligo Walck. *Ibid.* p. 426.

Attus binus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 352. *Id.*, Spid. U. S.,
 ed. Burgess, p. 51, pl. 8, fig. 2

Pterippus ligo C. Koch. Die Arachn., XIII, p. 107, fig. 1168, 1169.

Salticus vaillantii Lucas. Expl. de l'Algérie. Zool. 1, p. 136.

Attus africanus Vinson. Ar. d'Îles d.l. Réunion, etc., p. 52.

Euophrys delibata L. Koch. Verh. d. z. b. Ges. Wien, 1865, p. 874.

Hasarius Paykullii Simon. Arachn. d. France, III, p. 81.

Menemerus Paykullii Thorell. Studi sui Ragni Malesi, etc., III, p. 501.

Menemerus Paykullii Koch in Keyserling Die Arachn. Aust., p. 1461.

HOMALATTUS.

White. Deser. of Arachn. Ann. and Mag. Nat. Hist., VIII, p. 476. 1841.

1848. *Rhanis*. C. Koch. Die Arachn., XIV, p. 86.

1869. *Rhene*. Thorell. On Europ. Spid.

1877. *Homalattus* Thorell. Ragni Malesi, etc., 1, p. 289.

1879. *Homalattus* L. Koch. Die Arachn., Austral., p. 1083.

1880. *Homalattus* Karsch. Zeitschr. f. ges. Naturwiss., LIII, p. 396.

1885. *Homalattus* Peckham. Genera Fam. Att., Wis., Ac. Sc., p. 281.

1888. Peckham. Att. of N. A., p. 85.

H. cyaneus Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 365. *Id.*, Spid.

U. S., ed. Burgess, p. 69, pl. 9, fig. 13. Ala., Ga., Nebr.

—— Peckham. Att. of N. A., p. 86, pl. 1, fig. 64.

H. septentrionalis Keyserling. N. Spinn. a. Am., VI. Ver. d. z. b. Ges. Wien, 1884,
 p. 515, pl. 13, fig. 19. Mass.

BALLUS.

C. Koch. Uebers. d. Arachn. Syst., v, p. 68. 1850.

1869. Thorell. On Europ. Spid., p. 212.

1885. Peckham. Genera Fam. Att. Wis. Ac., p. 286.

B. youngii Peckham. Att. of N. A., p. 87, pl. 1, fig. 66. Pa.

NEON.

Simon. Arachn. d. France, III, p. 208. 1876.

1885. Peckham. Genera Att. Wis. Ac. Sc., etc., p. 282.

N. nellii Peckham. Att. of N. A., p. 88, pls. 1, 6, fig. 65. Pa., Canada.

ZYGOBALLUS.

Peckham. Proc. Nat. Hist. Soc. Wis., p. 81. 1885.

Id., Att. of N. A., 1888.

Z. bettina Peckham. Att. of N. A., p. 89, pls. 1, 6, fig. 68. Wis., Mo., Ga., Fla.

Z. sexpunctatus Hentz (*Attus*). Journ. Bost. Soc. Nat. Hist., v, p. 202. *Id.*, Spid. U. S., ed. Burgess, p. 54, pl. 7, fig. 14. N. C., Ga., Fla.

—— Peckham. Att. of N. A., p. 89, pls. 1, 6, fig. 67.

AGOBARDUS.

Keyserling. N. Spinn. a. Am. Verh. d. z. b. Ges. Wien, p. 519. 1884.

1885. Peckham. Genera Att. Wis. Ac. Sc., etc., p. 338.

A. anormalis Keyserling. N. Spinn. a. Am., vi. Verh. d. z. b. Ges. Wien, 1884, p. 519, pl. 13, fig. 21. U. S.

—— Peckham. Att. of N. A., p. 90, pls. 1, 6, fig. 74.

ZENODORUS.

Peckham. Genera Att. Wis. Ac. Sc., etc., p. 297. 1885.

Ephippus Thorell. Studi sui Ragni Malesi, III, p. 643.

Z. americanus Keyserling (*Ephippus*) N. Spinn. a. Am., vi. Verh. d. z. b. Ges. Wien, 1884, p. 506, pl. 13, fig. 13. Utah.

ERGANE.

Keyserling. Die Arachn. Austral., p. 1260. 1881.

1885. Peckham. Genera Att. Wis. Ac. Sc., etc., p. 315.

E. tæniata Keyserling. N. Spinn. a. Am., vi. Verh. d. z. b. Ges. Wien, 1884, p. 507, pl. 13, fig. 14. N. A.

PELLENES.

Simon. Arachn. d. France, III, p. 90. 1876.

1885. Peckham. Gen. Att. Wis. Ac. Sc., etc., p. 314.

P. nigriceps Keyserling = *Habrocestum splendens*.

ATTUS.

Walck. Tab. 1, d. Arachn., p. 22 *ad part.* 1805.

Attus Peckham. Gen. of Fam. Att., Wis. Ac. Sc., 1885, p. 322.

Attus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 198 *ad part.*

Attus Hentz. Spid. U. S., ed Burgess, pp. 11, 49 *ad part.*

A. aestivalis Peckham = *Dendryphantes capitatus*.

A. agrestis Peckham = *Plexippus puerperus*.

A. alboimaculatus Peckham = *Dendryphantes alboimaculatus*.

A. ambesas Walck. Abbot Ga. Spid. Ins. Apt., I, p. 452. Ga.

A. ambiguus Walck. *Ibid.*, p. 468. Ga.

- A. arizonensis* Peckham = *Phidippus arizonensis*.
A. aspergatus Walck. Abbot Ga. Spid. Inst. Apt., I, p. 467. Ga.
A. attentus Walck. *Ibid.*, p. 437. Ga.
A. audax Hentz = *Phidippus morsitans*.
A. auratus Hentz = *Habrocestum auratum*.
A. auridens Bosc. = *contemplator* Walck.
A. binus Hentz = *Meuemerus Paykulli*.
A. brendellii Giebel. Spinn. a. Illinois. Zeitschr. f. Ges. Naturwiss., XXXIII, p. 249. Ill.
A. cancroides Walck. = Abbot Ga. Spid. Ins. Apt., I, p. 447. Ga.
A. canonicus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 365. *Id.*, Spid. U. S., ed. Burgess, p. 70, pl. 9, fig. 14. Ala.
A. canosus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 451. Ga.
A. capitatus Hentz = *Dendryphantes capitatus*.
A. cardinalis Hentz = *Phidippus cardinalis*.
A. castaneus Hentz = *Phidippus rufus*.
A. cautus Peckham. Att. of N. A., p. 93. Mexico.
A. cereuleus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 448. Ga.
A. chrysis Walck. = *Philæus chrysis*.
A. cinereus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 440. Ga.
A. clandestinus Walck. *Ibid.*, p. 440. Ga.
A. clavatus Walck. *Ibid.*, p. 435. Ga.
A. coecatus Hentz = *Habrocestum coecatum*.
A. contemplator Walck. Abbot Ga. Spid. Ins. Apt., I, p. 457. Ga., Ill.
auridens Bosc. Mss. in Walck. *Ibid.*
auridens Giebel. Spinn. a. Illinois. Zeitschr. f. Ges. Naturwiss., XXXIII, p. 248.
A. coronatus Hentz = *Habrocestum coronatum*.
A. cristatus Hentz = *Habrocestum cristatum*.
A. cuntator Walck. Abbot Ga. Spid. Ins. Apt., I, p. 433. Ga.
A. cyaneus Hentz = *Homalattus cyaneus*.
A. dissimilator Walck. Abbot Ga. Spid. Ins. Apt., I, p. 453. Ga.
A. divisus Walck. *Ibid.*, p. 443. Ga.
A. elegans Hentz = *Dendryphantes elegans*.
A. excubitor Walck. Abbot Ga. Spid. Ins. Apt., I, p. 436. Ga.
A. explorator Walck. *Ibid.*, p. 451. Ga.
A. falcarius Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 352. *Id.*, Spid. U. S., ed. Burgess, p. 54, pl. 8, fig. 1. Ala.
A. familiaris Hentz = *Marptusa familiaris*.
A. fasciolatus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 356. *Id.*, Spid. U. S., ed. Burgess, p. 60, pl. 8, fig. 11. S. C., Mass.
A. flavus Peckham. Descr. of Att. of U. S., p. 9, pl. I, fig. 6. Pa.
A. formosus Peckham = *Philæus rimator*.
A. fraudulentus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 442. Ga.
A. furtivus Walck. *Ibid.*, p. 453. Ga.
A. galathea Walck. = *Phidippus galathea*.
A. gerbellus Walck. *Ibid.*, p. 435. Ga.
A. gracilis Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 359. *Id.*, Spid. U. S., ed. Burgess, p. 63, pl. 8, fig. 20. Ala.
A. hebes Hentz. *Ibid.*, p. 358. *Id.*, *ibid.*, p. 62, pl. 8, fig. 16. N. C., Mass.
A. hentzii Marx (Note 33). Ala., Mass., Ohio.
leopardus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 359. *Id.*, Spid. U. S., ed. Burgess, p. 63, pl. 8, fig. 21.
A. hoyi Peckham = *Hasarius hoyi*.
A. ictaricus Walck. Abbot Ga. Spid. Ins. Apt. I, p. 452. Ga.

- A. imperialis* Peckham. Att. of N. A., p. 44, pl. 3, fig. 31. Cal.
A. inclemens Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 465. Ga.
A. infectus Walck. *Ibid.*, p. 468. Ga.
A. inquietus Walck. *Ibid.*, p. 438. Ga.
A. insidiosus Walck. *Ibid.*, p. 440. Ga.
A. johnsonii Peckham = *Phidippus johnsonii*.
A. insolens Hentz = *Phidippus insolens*.
A. investigator Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 441. Ga.
A. iris Walck = *Philæus chrysis*.
A. irroratus Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 466. Ga.
A. lentus Walck. *Ibid.*, p. 466. Ga.
A. leopardus Walck. *Ibid.*, p. 457. Ga.
A. leopardus (Note 34) Hentz = *Hentzii* Marx.
A. locustoides Walck. Bosc. Ins. Apt., 1, p. 434.
A. magus Walck. *Ibid.*, p. 453. Ga.
A. manni Peckham = *Menemerus melanognathus*.
A. marginatus Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 466. Ga.
A. McCookii Peckham = *Phidippus McCookii*.
A. milbertii Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 433. Ga.
A. militaris Hentz = *Philæus militaris*.
A. miniatus Peckham = *Phidippus miniatus*.
A. mitratus Hentz = *Jocus mitratus*.
A. morigerus Hentz = *Icius mitratus*.
A. morsitans Walck = *Phidippus morsitans*.
A. multicolor Hentz = *Dendryphantes multicolor*.
A. mutlivagus Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 438. Ga.
A. multivagus (Note 35) Hentz = *vagabundus* Marx.
A. mystaceus Hentz = *Phidippus galathea*.
A. niger Hentz = *Astia vittata*.
A. nubilus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 358. *Id.*, Spid. U. S., ed. Burgess, p. 61, pl. 8, fig. 15. Ala.
A. nuttallii Hentz. *Ibid.*, p. 352. *Id.*, *ibid.*, p. 65, pl. 8, fig. 4. Mass., D. C., Va.
A. octavus Hentz = *Eris octavus*.
A. octopunctatus Peckham = *Phidippus octopunctatus*.
A. opifex McCook = *Phidippus opifex*.
A. oppositus Walck. Bosc. Ins. Apt., 1, p. 435. Carolina.
A. otiosus Hentz = *Phidippus otiosus*.
A. palustris Peckham. Descr. of Att. of U. S., p. 25. *Id.*, Att. of N. A., p. 43, pls. 1, 3, fig. 30. Wis., Mich.
A. parvus Hentz = *Dendryphantes capitatus*.
A. peregrinus Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 445. Ga.
A. peregrinus Peckham = *Habrocestum peregrinum*.
A. petulans Marx (Note 36).
protervus Walck. Ins. Apt., 1, p. 465. Ga.
A. pileatus Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 450. Ga.
A. pilosus Walck. *Ibid.*, p. 447. Ga.
A. pinus Peckham = *Hasarius Hoyi*.
A. pistaceus Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 468. Ga.
A. plumosus Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 455. Ga.
A. princeps Peckham = *Philæus princeps*.
A. podagrosus Hentz = *Phidippus insolens*.
A. protervus Walck. Abbot Ga. Spid. Ins. Apt., 1, p. 443. Ga.
A. protervus (Note 36) Walck = *petulans* Marx.
A. provocator Walck. *Ibid.*, p. 465. Ga.
A. puerperus Hentz = *Plexippus puerperus*.

- A. pulcher* Walck. Abbot Ga. Spid. Ins. Apt., I, p. 439. Ga.
A. pulex Hentz. *Saitis pulex*.
A. purpurarius Walck. Abbot Ga. Spid. Ins. Apt., I, p. 446. Ga.
A. putnami Peckh. = *Plexippus putnami*.
A. quadrilineatus Peckham = *Icius lineatus*.
A. quaternus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 452. Ga.
A. quinquetesseratus Walck. *Ibid.*, p. 448. Ga.
A. rarus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 358. *Id.*, Spid. U.S., ed. Burgess, p. 62, pl. 8, fig. 18. N. C.
A. retiarius Hentz. *Ibid.*, vi, p. 288. *Id.*, *ibid.*, p. 161, pl. 17, fig. 11. Ala.
A. rimator Walck = *Philaeus rimator*.
A. roseus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 362. *Id.*, Spid., U. S., ed. Burgess, p. 66, pl. 9, fig. 4. Mass.
A. rufus Hentz = *Phidippus rufus*.
A. rupicola Hentz. *Ibid.*, v, p. 357. *Id.*, *ibid.*, p. 61, pl. 8, fig. 14. Ala.
A. rusticolus Peckham. Descr. of Att. of U. S., p. 10, pl. 1, fig. 7. Wis.
A. sagax Walck. Abbot Ga. Spid. Ins. Apt., I, p. 449. Ga.
A. scinicoides Walck. *Ibid.*, p. 440. Ga.
A. scrutator Walck. *Ibid.*, p. 444. Ga.
A. serpunctatus Hentz = *Zygoballus serpunctatus*.
A. signatus Walck. Ins. Apt., I, p. 434. U. S.
A. sinister Hentz. Journ. Bost. Soc. Nat. Hist., vi, p. 288. *Id.*, Spid. U.S., ed. Burgess, p. 161, pl. 17, fig. 12. Ala.
A. smaragdinus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 448. Ga.
A. speculator Walck. *Ibid.*, p. 456. Ga.
A. splendens Peckham. Descr. of Att. of U. S., p. 4, pl. 1, fig. 3. Wis.
A. subflavus Walck. Abbot Ga. Spid. Ins. Apt., I, p. 447. Ga.
A. superciliosus Hentz = *Dendryphantes elegans*.
A. sylvanus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 364. *Id.*, Spid. U. S., ed. Burgess, p. 68, pl. 9, fig. 10. S. C.
A. tæniola Hentz = *Cyrba tæniola*.
A. tibialis Peckham = *Dendryphantes elegans*.
A. tridentiger Walck. Abbot Ga. Spid. Ins. Apt., I, p. 449. Ga.
A. tripunctatus Hentz = *Phidippus morsitans*.
A. undatus Walck. Ins. Apt. I, p. 463. Pa.
A. vagabundus (Note 35) Marx. Ala.
Attus multivagus Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 363. *Id.*, Spid. U. S., ed. Burgess, p. 67, pl. 9, fig. 7.
A. viridipes Hentz = *Habrocestum viridipes*.
A. viridis Walck = *Lyssomanes viridis*.
A. vittatus Hentz = *Astia vittata*.

WALA.

Keyserling. N. Spinn. a. Am., vi. Verh. d. z. b. Ges. Wien., p. 516. 1884.

1885. Peckham. Genera Fam. Att. Wis. Acad., p. 339.

W. albovittata Keyserling (Note 37). N. Spinn. a. Am., vi. Verh. d. z. b. Ges. Wien. 1884, p. 517, pl. 13, fig. 20. N. A.

SYNEMOSYNA.

Hentz. Am. Journ. Sciences and Arts, XXI, p. 108. 1832.

Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 367. *Id.*, Spid. U. S., ed. Burgess, p. 72.

1879. L. Koch. Die Arachn. Austral., p. 1052.

1880. Karsch. Z. Kenntn. d. Att. Zeitschr. f. Ges. Naturw., LIII, p. 395.

1885. Peckham. Gen. Att. Wis. Ac. Sc., etc., p. 278.

1888. Peckham. Att. of N. A., p. 93.

S. ephippiata Hentz = *Salticus ephippiatus*.

S. formica Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 368. *Id.*, Spid. U. S., ed. Burgess, p. 73, pl. 9, fig. 18. Ala., S. C., Va.

Janus gibberosus C. Koch. Die Arachn., XIII, p. 21, fig. 1091.

S. noxiosa Hentz. Journ. Bost. Soc. Nat. Hist., VI, p. 288. *Id.*, Spid. U. S., ed. Burgess, p. 161, pl. 17, fig. 10. Ala.

S. picata Hentz = *Synageles picata*.

S. scorpionia Hentz = *Synageles scorpionia*.

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—— Peckham. Att. of N. A., p. 94, pl. 6, fig. 71.

S. scorpionia Hentz (*Synemosyna*). Journ. Bost. Soc. Nat. Hist., v, p. 369. *Id.*, Spid. U. S., ed. Burgess, p. 74, pl. 9, fig. 19.

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SALTICUS.

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1869. *Pyroderus* Simon. Monogr. d'Att., p. 245.

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1885. *Salticus* Peckham. Genera Att. Wis. Ac. Sc., etc., p. 274.

S. albocinctus C. Koch = *ephippiatus*.

S. ephippiatus Hentz (*Synemosyna*). Journ. Bost. Soc. Nat. Hist., v, p. 369. *Id.*, Spid. U. S., ed. Burgess, p. 74, pl. 9, fig. 20. Pa., N. Y., Ala.

albocinctus C. Koch. Die Arachn., XIII, p. 36, fig. 1105.

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S. decorus Blackw. *Ibid.*, p. 34.

S. fuliginus Blackw. *Ibid.*, p. 36.

S. sundevallii Blackw. *Ibid.*, p. 37.

S. scenicus (Latr.) = *Epeblimum scenicum*.

MYRMECIA Walck.

M. caliginosa Walck. Abbot Ga. Spid. Ins. Apt., I, p. 388. Ga.

M. lunata Walck. *Ibid.*, p. 387. Ga.

M. nigra Walck. *Ibid.*, p. 386. Ga.

M. rubra Walck. *Ibid.*, p. 387.

JANUS C. Koch.

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Subfamily LYSSOMANINÆ.

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L. viridis Walek. (*Attus*). Abbot Ga. Spid. Ius. Apt., I, p. 469. Ga., Ala., Miss., Fla.

—— Hentz. Journ. Bost. Soc. Nat. Hist., v, p. 198. *Id.*, Spid. U. S., ed. Burgess, p. 49, pl. 17, fig. 3.

—— Peckham. Spid. subfamily *Lyssomanæ*. Wis. Ac. Sc., etc., p. 228, pl. 11, fig. 3, pl. 12, fig. 6.

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ALPHABETICAL LIST OF SYNONYMS OF GENERA.

- Arctosa C. Koch = Trochosa.
 Argus Walck. = Dictyna.
 Avicularia Thorell = Eurypelma.
 Bathyphantes Menge = Linyphia.
 Bolyphantes Menge = Linyphia.
 Caliothera C. Koch = Epiblemum.
 Callilopis Westr. = Pythonissa.
 Castianeira Keyserling = Corinna.
 Ceratina Menge = Erigone.
 Ceratinella Emerton = Erigone.
 Ceratinopsis Emerton = Erigone.
 Cerceis Menge = Cercidia.
 Ciniilo Blackw. = Amaurobius.
 Conopistha Karsch = Argyrodes.
 Cornicularia Menge = Erigone.
 Cratoscelis Lucas = Pachyloscelis.
 Ctenium Menge = Pedanostethus.
 Ctenophora Blackw. = Mimetus.
 Cyloppoda Hentz = Hyptiotes.
 Cyrtogaster Keyserl. = Cyrtarachne.
 Cyrtanota Simon = Epiblemum.
 Dicymbium Menge = Erigone.
 Decyphus Menge = Erigone.
 Dinognatha White = Tetragnatha.
 Diognatha White = Tetragnatha.
 Diplostyla Emerton = Linyphia.
 Drapetisca Menge = Linyphia.
 Ebea L. Koch = Gea.
 Elaphidium Menge = Erigone.
 Ehippus Thorell = Zenodorus.
 Ergatis Blackw. = Dictyna.
 Eucharia C. Koch = Steatoda.
 Geotricha Emerton = Thargalia.
 Gonatium Menge = Erigone.
 Gongylidium Menge = Erigone.
 Grammonota Emerton = Erigone.
 Helophora Menge = Linyphia.
 Janus C. Koch = Synemosyna.
 Lasaeola Simon = Diploena.
 Leptothrix Menge = Erigone.
 Leptyphantes Menge = Linyphia.
 Lophocarenum Menge = Erigone.
 Lophomma Menge = Erigone.
 Madognatha Simon = Cteniza.
 Marpessa Thorell = Marptusa.
 Marpissa Thorell = Marptusa.
 Marpissus Simon = Marptusa.
 Melanophora C. Koch = Prosthesisma.
 Metastenus Bertkau = Tibellus.
 Micrathena Sund. = Acrosoma.
 Micropeira Emerton = Theridiosoma.
 Microseta Menge = Erigone.
 Micryphantes C. K. = Euryopsis and Erigone.
 Miltia Simon = Prodidomus.
 Mithras C. Koch = Hyptiotes.
 Nemesia Thorell = Cteniza.
 Nerienne Blackw. = Erigone.
 Oecypete C. Koch = Heteropoda.
 Olera Walck. = Atypus.
 Omosita Simon = Loxosceles.
 Omosites Walck. = Loxosceles.
 Oophora Hentz = Spermophora.
 Operaria Blackw. = Dictyna.
 Orodes Simon = Ulesanis.
 Pachydactylus Menge = Diploena.
 Pasitheia C. Koch = Pencetia.
 Pedina Menge = Linyphia.
 Phalops Menge = Erigone.
 Phillyra Hentz = Uloborus.
 Philoica C. Koch = Tegenaria.
 Platypis Menge = Erigone.
 Plectana Walck. = Gasteracantha and Acrosoma.
 Potamia C. Koch = Pirata.
 Pylarus Hentz = Ariadne.
 Pyroderes Simon = Salticus.
 Rhanis C. Koch = Homalattus.
 Rhene Thorell = Homalattus.
 Romphaea L. Koch = Ariannes.
 Sarotes Sundev. = Heteropoda.
 Savignia Blackw. = Erigone.
 Sphasus Walck. = Oxyopes.
 Spiropalpus Emerton = Erigone.
 Stegosoma Camb. = Ulesanis.
 Stemonyphantes Emerton = Linyphia.
 Stylophora Menge = Linyphia.
 Sudabe Karsch = Ulesanis.
 Teratodes C. Koch = Filistata.
 Thorellia L. Koch = Saitis.
 Tmeticus Menge = Erigone.
 Toxus C. Koch = Salticus.
 Velela Blackw. = Uloborus.
 Walckenaera Blackw. = Erigone.

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NOTES.

1. *Pachylomerus solstitialis*.—The only reason I have to infer that *solstitialis* is the male of *caro. linensis* is the fact that *carolinensis* is described as a female, *solstitialis* as a male—both from the same locality; that the opposite sexes of these two species have not been found and there is nothing in their structural characters to oppose this view.

2. The old Walckenarian generic denomination *Mygale*, which comprised all those spiders which are now considered as *Territelariae*, has generally been abandoned and its species have been distributed in their proper genera.

The species of our country, described under this name by various older authors, have all been assigned their places in modern classification but two: *fluvialis*, Hentz, and *notasiana*, Walck., which have not been observed again. I have to leave these, therefore, under *Mygale*.

3. Hentz united indiscriminately in his genus *Herpyllus* all the *Drasside* (*sensu strictu*) and some genera of other families. I was not able to determine all his species and place them in their proper genera, but had to leave four species provisionally under the old name *Herpyllus*.

4. I can not understand why Mr. Emerton has resurrected the family *Ciniflonida*, Blackw. Blackwall has based this family upon only one characteristic point, the presence of the Cribellum and Calamistrum, a feature which occurred in the most widely separated and heterogeneous forms. This family was, therefore, never recognized by any other arachnologists.

5. *Thalamia*.—This spider I have not seen myself nor read any description of or remarks about it except the little that Hentz had to say. But in my endeavor to recognize Hentz's spiders, I have been convinced that *Thalamia* belongs to the family *Uroteida* rather than to any other family; the arrangement of the eyes, the long spinnerets, and the shape of the cephalothorax will justify such opinion.

The structural characters of this spider, however, are such as to separate it from the existing European genera, and I, therefore, let it stand provisionally as a new genus in the family.

6. *Clubionide*.—With the same right and for the same reason that the family *Agalenide*, Thorell *et al.*, has lately been divided into *Dictynide* and *Agalenide*, the family *Drasside* ought to be split. It has been acknowledged long ago that this family contained very heterogeneous elements, which had, however, concentrated themselves into two natural groups, one containing such forms as have the inferior spinnerets separated from each other, the maxillæ impressed transversely, and which live generally on the ground, under moss and stones, and are more nocturnal in their habits, while the members of the other groups live generally on plants and trees, their habits are decidedly diurnal, the spinnerets are here contiguous, and the impressions on the maxillæ are wanting. Simon recognized the value of these characters by giving to each the rank of a subfamily. I go a step further and raise the subfamily to a family.

7. *Corinna*.—C. Koch, in describing (Die Arachniden, IX, p. 18, 1842) the first species of the five in his genus *Corinna* remarks that the species of this genus can be divided into two natural groups; the first has the anterior middle eyes the largest, and the four middle eyes stand in a square; the second group contains those in which the anterior middle eyes are not larger than the others, and the four middle eyes stand in a trapez, narrower in front. To the first group belong *rubripes* and *nigricans*, and to the second *memnonia*, *cinclata*, *amæna*, and *tricolor*, species from the United States. Should we form from these two groups separate genera, the generic name *Corinna* would have to be retained for the first group, as it contains the species first described, and this, of course, is the type of the genus if not otherwise stated. *Corinna*, then, has the anterior middle eyes largest.

Keyserling published (Verhandl. d. zool.-botan. Gesellsch. Wien, 1879, p. 335) a new genus, *Cas ranciera*, closely related to *Corinna*, and its characteristics are exactly those of *Corinna* in the new definition; that is, the anterior middle eyes are the largest.

Karsch (Zeitschrift für ges. Naturwiss., LIII, p. 373) divides the genus *Corinna* K. into the following genera:

1	{	Abdomen with a horny basal shield.....	2
	{	Abdomen without a horny basal shield.....	3
2	{	Anterior middle eyes largest, mandibles very strong, 1 legs longest.....	<i>Corinna</i> KOECH
	{	Anterior middle eyes not largest, mandibles small, directed back, IV legs longest.....	<i>Thargalia</i> KARSCH
3	{	I legs very much the longest.....	<i>Mandane</i> KARSCH
	{	IV legs the longest.....	4
4	{	Mandibles and claws extremely long.....	<i>Megalostreta</i> KARSCH
	{	Mandibles and claws of medium size.....	<i>Corinnonema</i> KARSCH

This later genus is Thorell's *Corinna severa* (Studi sui Ragni Males et Pap. I. Ann. del mus. civ. de Genova, X, 1877, p. 481).

Keyserling, in describing *Castianeira bivittata* from Massachusetts (Verh. d. z. b. Ges. Wien, 1887, p. 442) asserts that *Thargalia* is synonymous with *Castianeira*.

Now the case stands as follows: Keyserling's first mistake was to form his genus *Castianeira* for *Corinna*, and his second to assert that *Thargalia* is synonymous with *Castianeira*. On the contrary, *Castianeira* is a synonym of *Corinna*, and has to be dropped, and C. Koch's second group is *Thargalia* Karsch. This latter genus contains the most common of the United States species.

Emerton's new genus *Geotrecha* (New Eng. Drass., Agal., and Dysderide, Trans. Conn. Ac., VII, p. 4) is nothing more than Karsch's *Thargalia*, and has to go, therefore, to the same synonym.

8. *Catadysas* was found by Hentz but once—an undeveloped male—and has since not been found again. We have, therefore, to rely upon the meager description of Hentz. Fortunately, Hentz gave us a good illustration. Thorell formed a new family for this peculiar genus, the *Catadysoide*, and assigned it to a place among the *Territelariæ* on account of the vertical movement of the mandibular claws and the insertion of the maxillary pulpi into the tip of the maxillæ. Ausserer in his Beitr. z. k. d. Territel. followed Thorell in this arrangement. As the *Territelariæ* are composed exclusively by *tetrapneumonic* species and form thus a natural group of distinct characters, and as *Catadysas* possesses only two lamellar tracheæ I hold that its proper place is among the *Dipneumones*, and as Holmberg gives his reasons in Bolet. Acad. Argentin., IV, p. 153, that *Catadysasis* is a *Drassid*, which seems to me very probable, I have placed this family near the family *Clubionide*.

9. The statement of Emerton that *Tegenaria medicinalis* Hentz is a *Cælotes*, and a synonym of his *Cælotes medicinalis*, is merely a lapsus calami.

10. *Hamataliva*.—This very interesting spider, of which I only possessed two specimens, both females one of which I presented to Count Keyserling, has been by this author assigned a place in the family *Agalenide*. Keyserling himself was in doubt as to the right place for this abnormal species, but thought that this family offered greater affinities than any other. I think, however, that we ought to form a new family for *Hamataliva*, the *Hamatalivide*. Unfortunately I have only one specimen, and this is not in perfect state. I, therefore, leave it provisionally in its old place.

11. *Prodidomide*.—Thorell proposed a new family in 1875 for the genus *Miltia* for the reason that the characters of this genus were not in conformity with the family *Enyoidæ* to which Simon had assigned it. Thorell gave this family the name *Miltioide* and placed it between the *Enyoidæ* and

Urocteide. In 1884 Simon discovered that his *Miltia* was identical with Hentz's genus *Prodidomus* and that consequently the name *Miltia* had to be dropped for Hentz's name. I, therefore, change the name of the family in accordance with the type genus into *Prodidomidae*.

12. *mandibulata*.—Keyserling erroneously took *mandibulata* for the male of *pusilla*, while the real male of this species is a different form; therefore *mandibulata* remains a good species, especially as the female has been collected in Tennessee.

13. Although Emerton admits that the eyes of his two species are all of the same size he brings them under a genus which is distinguished by the minute anterior middle eyes. These two species are, therefore, not *Pholcomma* at all, but I have to let them stay here provisionally as I have had no opportunity to study them.

14. *Erigone*.—By following Keyserling in not recognizing Mengo's, Emerton's, and Simon's breaking up of the genus *Erigone* into many smaller genera and, therefore, reuniting the species again under the one genus *Erigone*, I was compelled to change the homonymous names of some of Emerton's species as follows: *Cornicularia minuta*=*Erigone paullula*; *Lophocarenum pallidum*=*Erigone pallens*; *Tmeticus pallidus*=*Erigone pallescens*; *Tmeticus montanus*=*Erigone collina*; *Tmeticus tibialis*=*Erigone monticola*; *Tmeticus brunneus*=*Erigone fusca*.

15. *Aerosoma gracile*.—In regard to the use of Walckenaer's specific names made for Abbot's illustrations my views correspond with those of Dr. McCook as expressed in the Proceedings of the Academy of Natural Sciences, Philadelphia, pp. 1 and 428, 1888.

16. *Aerosoma aculeatum*.—C. Koch gives the patria of *Aer. aculeatum* and *crassispinum* as "Amerika." The Germans generally understand by "Amerika" North America, and as the two species are closely related to *gracile* and *sagittatum* I have included them in this catalogue, but have given them a separate place.

17. *foliata* Hentz.—Walckenaer used the name *foliata* for *Ep. cornuta*; for Hentz's name I proposed *folifera*.

18. *globosa* Keyserling.—Keyserling described this Spider as *globosa* first in 1865. Emerton is wrong in substituting McCook's name *triaranca*, 1876.

19. *maculata* Keyserling.—This Spider, though related, is not identical with *Ep. gibberosa*, as Emerton erroneously asserts.

20. *obesa* Hentz.—This variety seems to me to belong rather to *marmorea* (*insularis*, Hentz) than to *trifolium*, as the coloration of the legs, especially that of femur IV indicates.

21. *septima* Hentz.—Amongst a lot of *Epeira cavatica* Keyserling which I received from Tennessee I found a few specimens which resemble most exactly the description and illustration of Hentz's *septima*. As Hentz records this Spider from North Carolina and Alabama, where *cavatica* is quite common, there is no doubt that it is a variety of *cavatica* and not of *trifolium* as Emerton asserts.

22. *bifurca*, McCook.—This is clearly no *Cyrtophora*. In this genus the lateral eyes are disjoined for a distance nearly equal to their diameter, which is not the case with *bifurca*.

23. *Cyolosa conica*.—The Spider which Emerton described under this name is, according to Keyserling in litt., not *conica* Pallas, but *caudata* Hentz, *turbinata* Walck. I have, however, in my collection the true *conica* Pallas, from San Diego, Cal.

24. *Theridiosoma* Cambr.—Dr. McCook was certainly right to place his *Epeira radiosa* in the family *Epeiridae*. Not only do the structural characters, the position of the eyes near the *clypeus*, the form of the maxillæ, etc., but the biological fact, first discovered by that naturalist, that this Spider constructs an orb web, of which the spiral threads are viscid, all warrant such placing. As *radiosa* is, however, a *Theridiosoma*, according to Thorell and Keyserling, we have to drop Emerton's new genus *Microepeira* (a barbaric name by the way) and transfer the genus *Theridiosoma* to the *Orbitelariæ*, fam. *Epeiridae*.

25. *Tetragnathidæ*.—Keyserling in Die Arachn. Australiens, No. 36, p. 218, has given us a splendid subdivision of the large genus *Tetragnatha* according to the following key:

1	{	Space betw. LE not greater than that betw. AME and PME... <i>Tetragnatha</i>
	}	Space betw. LE greater
2	{	Spinnerets terminal..... <i>Eugnatha</i>
	}	Abdomen extending beyond spinnerets..... <i>Eucta</i>

26. *Thomisus*. This is not the genus *Thomisus* of our modern authorities as Thorell, Keyserling, Simon, etc., but the old Walckenaerean genus, which comprised once nearly all the genera of this family. I have collected all species under this name which have not yet been re-arranged, giving to these the proper synonyms which I could collect in the present literature.

27. *inquisitor* Thorell.—As this name is preoccupied by Walckenaer, I have substituted for it *Thorellii*.

28. *obscurus* Keyserling. This species name is also preoccupied by Blackwall, and had to be changed into *Keyserlingii*.

29. *impavida* Thovell.—As this specific name has been previously used for a *Lycosa* by Walkenaer it has to be changed to *intrepida*.

30. *Lycosa nidifex* Emerton (or rather Marx) is, as Emerton himself states, synonymous with *arenicola* Scudder. Why Emerton has retained my name for Scudder's older one I can not understand.

31. *Tarentula modesta* has been used by Keyserling previous to Thorell, therefore Thorell's *modesta* has to be changed to *pudens*.

32. *Ocyale*.—Looking over the many illustrations of the European species of *Ocyale*, it strikes me that they differ considerably from those of our country in the position of the posterior eye row. While in the European species the four posterior eyes are actually placed in two rows and the distance between them is much larger than the diameter of one of the eyes, the four eyes in the American species are placed in such a position that a line drawn through the superior margin of the posterior middle eyes will run through the disc of the post. lateral eyes. The position of the anterior eyes is the same as in those from Europe except that the anterior middle eyes appear a little farther removed toward the front than in the European species.

33. *Dolomedes tenebrosus* Emerton.—It appears to me that Emerton, in describing the male of *Dolomedes tenebrosus* Hentz, had under observation the male of *sexpunctatus*; for the specimens of this species in my own collection and in that of Dr. W. H. Fox of this city correspond in every detail with Emerton's description of his *tenebrosus*. Further I hold that Emerton's *D. fontanus* is the real male of *tenebrosus* because our ♂ *tenebrosus* has all the characters of Emerton's *fontanus*. Now the male of what I consider *sexpunctatus*—*tenebrosus* Em.—has the markings of the female *sexpunctatus* in a more or less distinct degree; moreover, both sexes have been caught together. On the other hand our ♂ *tenebrosus* = (*fontanus* Em.) is found quite frequently with the female, while the female of Emerton's *fontanus* is yet unknown.

34. *leopardus* Hentz.—As this name is preoccupied by Walkenaer I propose the name *Hentzii* for it.

35. *protervus* Walk.—Walkenaer has used this specific name twice. For that described last I substitute the name *petulans*.

36. *multivagus* Hentz.—This is also preoccupied by Walkenaer; I substitute, therefore, *vagabandus*

37. *Wala* Keyserling.—Mr. Peckham has made a mistake in asserting that *Wala albobittata* Keyserling is synonymous with *Icius albobittatus*. This author described both, and the descriptions differ so widely that it must have been an oversight of Peckham.