

Danish Spider Fauna I

(*Atypidae*, *Eresidae*, *Dictynidae*, *Uloboridae*, *Oonopidae*,
Dysderidae, *Scytodidae*, *Pholcidae*, *Gnaphosidae*,
Clubionidae, and *Anyphaenidae*).

By
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In the series of manuals on the Danish fauna published by "Dansk Naturhistorisk Forening" under the common name of "Danmarks Fauna" the section on spiders will now be published, and volume I is expected soon.

As these manuals are printed in Danish and consequently difficult of access to foreigners, I find it expedient to publish the following list in English.

The material is derived from the following sources: The collection of the Zoological Museum of Copenhagen, my own collection, and an extremely valuable collection placed at my disposal by Mr. Ole Bøggild; moreover Mr. Edwin Nørgaard has lent me a few species. To anybody who assisted me with loans or in any other way I offer my heartfelt thanks.

During my occupation with these species I have become convinced that a certain number of species have been erroneously listed as found in Denmark in the international manuals of spiders, such as Reimoser (1919): "Katalog der echten Spinnen des paläarktischen Gebietes" and Pierre Bonnet (1945—61): "Bibliographia Araneorum". These mistakes I want to correct under reference to Bonnet's large and valuable publication, which is the more comprehensive one of the two and of more recent date.

These rectifications fall into two groups. Danish araneologists are entirely responsible for the errors in the first group, as all the species belonging to this group have been wrongly determined:

1. *Atypus piceus* Sørensen 1904, (Bibl. Aran. II p. 817) is a wrong determination of *A. affinis* Eichw.
2. *Oonops pulcher* Sørensen 1904, (Bibl. Aran. II p. 3191) is a wrong determination of *Dysderina loricata* Sim.
3. *Dysdera cambridgei* Sørensen 1904 = *D. erythrina* (Walck.), (Bibl. Aran. II p. 1626), is a wrong determination of *Dysdera crocata* ♂ C.L.K.

4. *Drassus villosus* Sørensen 1904, (Bibl. Aran. II p. 1593) is a wrong determination of *Drassodes pubescens* (Thor.).
5. *Pythonissa nocturna* Sørensen 1904 = *Callilepsis nocturna* (L.), (Bibl. Aran. II p. 932) is a wrong determination of *Phaeoecedus braccatus* (L.K.).

These five species will all have to be omitted from the list of Danish spiders; two of them, however, (nos. 2 and 5) are reappearing under other names.

The second and larger group of mistakes is due to the fact that Danish is only understood in the Scandinavian countries. When in 1904 William Sørensen published "Danmarks Edderkopper" he mentioned certain species which had not yet been found in Denmark but which he thought would be found here sooner or later, as they were known in neighbouring countries. Carefully he put the names of these species in brackets, and they were not numbered as the species found in Denmark. Some of these "missing" species have been found later. In 1920 Sørensen's work was supplemented by E. Deichmann (Oversigt over de danske Theridier. — Ent. Medd. 13), a publication showing a similar case.

Among the species mentioned (in Danish) by W. Sørensen and E. Deichmann but unknown in Denmark at that time, the following have never been found in this country:

1. *Dictyna variabilis* (C.L.K.), Deichmann 1920 p. 287 = *D. flavescens* (Walck.), (Bibl. Aran. II p. 1435).
2. *Lathys puta* (O.P.-C.), Deichmann 1920 p. 287 (Bibl. Aran. II p. 2362).
3. *Segestria florentina* (Ros.), Sørensen 1904 p. 259, (Bibl. Aran. II p. 4001).
4. *Pholcus opilionoides* (Schrk.), Deichmann 1920 p. 235. Only found onboard ships and cannot be said to belong to the Danish Fauna. (Bibl. Aran. II p. 3611).
5. *Drassus gracilis* Westr., Sørensen 1904 p. 270 = *Drassodes g.* (Bibl. Aran. II p. 1566).
6. *Prothesima violacea* (C.L.K.), Sørensen 1904 p. 279 = *Zelotes v.* (Bibl. Aran. II p. 4959).
7. *Prothesima tristis* (Thor.), Sørensen 1904 p. 282 = *Zelotes t.* (Bibl. Aran. II p. 4957).
8. *Micaria aenea* Thor., Sørensen 1904 p. 264, (Bibl. Aran II p. 2834).
9. *Micaria foveata* Str., Sørensen 1904 p. 264, (Bibl. Aran II p. 2838).
10. *Micaria formicaria* (Sund.), Nielsen 1935 p. 157 writes in English: "During a stay in 1932 at Stora Rör in Öland in Sweden, on

July 7th I found M.f." Bibl. Aran. II p. 2838 nevertheless mentions the species as Danish.

11. *Micaria norvegica* Str., Sørensen 1904 p. 264, (Bibl. Aran. II p. 2843).
12. *Clubiona marmorata* L.K., Sørensen 1904 p. 296 (Bibl. Aran. II p. 1134). As only 1 ♀ juv. has been found, the determination is doubtful.

The following species have been found in Denmark:

1. *Atypus affinis* Eichw. Now only known from the island of Bornholm.
2. *Eresus niger* (Petg.). Only known from Jylland.
3. *Amaurobius fenestralis* (Stroem). Common.
4. *Amaurobius similis* Bl. Sporadic throughout the country.
5. *Amaurobius ferox* (Walck.). Common in Bornholm, found sporadically in other parts of the country.
6. *Dictyna arundinacea* (Lin.). Common.
7. *Dictyna pusilla* Thor. Only found in few places.
8. *Dictyna major* Mge. Found only in Bornholm and Møen.
9. *Dictyna uncinata* Thor. Only found in København and vicinity.
10. *Dictyna latens* (Fabri.). Common in Bornholm; sporadic in the other parts of Denmark.
11. *Lathys humilis* (Bl.). Only found in Sjælland.
12. *Argenna patula* (Sim.). Only found in Sjælland (O. Bøggild leg.).
13. *Argenna subniger* (O.P.-C.). Only 1 ♀ ad. found in Rømø (N. Haarløv leg.).
14. *Hyptiotes paradoxus* (C.L.K.). Found in Sjælland and Jylland.
15. *Oonops domesticus* Dalm. Synanthropous; only in three places in Northern Sjælland.
16. *Dysderina loricata* (Sim.). Only found once in a warehouse 1878. Adventive, never found again. Does not strictly belong to the Danish fauna.
17. *Dysdera crocata* C.L.K. Adventive, only found synanthropously.
18. *Harpactes hombergi* (Scop.). Common in northern Bornholm. Elsewhere found in few places only, all East of Store Bælt.
19. *Segestria senoculata* (Lin.). Common.
20. *Segestria bavarica* C.L.K. Found in northern Bornholm only.
21. *Scytodes thoracica* (Latr.). Originally adventive; found synanthropously in the vicinity of København and in Århus.
22. *Pholcus phalangioides* (Fuess.). Cosmopolitan, adventive, lives synanthropously.
23. *Physocyclus simoni* Berl. Adventive; found synanthropously in København and Randers.

24. *Drassodes lapidosus* (Walck.). Common.
25. *Drassodes pubescens* (Thor.). Sporadical occurrence.
26. *Haplodrassus signifer* (C.L.K.). Sporadical occurrence.
27. *Haplodrassus silvestris* (Bl.). Seems to be common in Danish woods.
28. *Haplodrassus cognatus* (Westr.). Known from Sjælland and Jylland.
29. *Haplodrassus dalmatensis* (L.K.). Only 1 ♀ ad. found on the western shore of Jylland in 1882, but never since.
30. *Haplodrassus umbratilis* (L.K.). Only 2 ♀♀ ad. known.
31. *Haplodrassus moderatus* (Kulcz.). Only 1 ♀ ad. found in Jylland.
32. *Herpyllus scutulatus* (L.K.). Only found in houses in København.
33. *Herpyllus blackwalli* (Thor.). Found sporadically.
34. *Herpyllus quadripunctatus* (Lin.). Only 1 ♂ and 1 ♀ ad.
35. *Zelotes pedestris* (C.L.K.). Only known from Bornholm, where it is common.
36. *Zelotes rusticus* (L.K.). Presumably adventive; now found synanthropously in warm and humid biotopes.
37. *Zelotes lutetianus* (L.K.). Found here and there in humid biotopes.
38. *Zelotes praeficus* (L.K.). Found sporadically in the Danish islands, unknown in Jylland.
39. *Zelotes pusillus* (C.L.K.). Found here and there in Sjælland and Jylland.
40. *Zelotes subterraneus* (C.L.K.). Found here and there all over the country.
41. *Zelotes electus* (C.L.K.). Found here and there on sandy soil.
42. *Zelotes latreillei* (Sim). Quite common.
43. *Zelotes clivicola* (L.K.). Only 2 ♀♀ ad. found in Sjælland.
44. *Zelotes longipes* (L.K.). Found here and there on sandy soil in all the country except Bornholm.
45. *Zelotes petrensis* (C.L.K.). Only found in Bornholm and Sjælland.
46. *Phaeoedus braccatus* (L.K.). Only known in 3 specimens from northern Sjælland.
47. *Gnaphosa leporina* (L.K.). Only in small numbers in Jylland.
48. *Gnaphosa lugubris* (C.L.K.). Only two specimens from Fyn and Jylland.
49. *Micaria pulicaria* (Sund.). Common.
50. *Micaria subopaca* Westr. Known only from København and northern Sjælland.
51. *Micaria fulgens* (Walck.). Only one specimen from Jylland.
52. *Micariolepis dives* (Luc.). Only 1 ♀ ad. and 3 juv. found on the calcareous rock Bulbjerg on the west coast of Jylland. This is no doubt the northernmost locality for this species. (O. Bøggild leg.).

53. *Clubiona corticalis* (Walck.). Found only in Sjælland and Bornholm.
 54. *Clubiona reclusa* (O.P.-C.). Common especially in swampy biotopes.
 55. *Clubiona subsultans* Thor. Common in forests of conifers.
 56. *Clubiona stagnatilis* Kulcz. Common near streams and lakes.
 57. *Clubiona coeruleescens* L.K. Of sporadic occurrence.
 58. *Clubiona pallidula* (Cl.). Common.
 59. *Clubiona phragmitis* C.L.K. Common in humid biotopes.
 60. *Clubiona terrestris* Westr. Widely distributed.
 61. *Clubiona neglecta* O.P.-C. Widely distributed.
 62. *Clubiona similis* L.K. Common near the sea.
 63. *Clubiona lutescens* Westr. Known only from Sjælland.
 64. *Clubiona germanica* Thor. 1 ♀ ad. from the island of Anholt in the Kattegat (Ørsnæs Christensen leg.).
 65. *Clubiona frutetorum* L.K. Found only in Jylland.
 66. *Clubiona compta* C.L.K. Known from Sjælland only.
 67. *Clubiona brevipes* Bl. In small numbers all over the country.
 68. *Clubiona trivialis* C.L.K. Common.
 69. *Clubiona genevensis* L.K. 1 ♂ ad. only found on Bulbjerg on the west coast of Jylland (O. Bøggild leg.).
 70. *Clubiona diversa* O.P.-C. 2 ♀♀ ad. only. One from the Tranum dunes (O. Bøggild leg.) on the western coast of Jylland; the other from an unknown locality.
 71. *Chiracanthium erraticum* (Walck.). Common.
 72. *Chiracanthium virescens* (Sund.). Only in few places and always on sandy biotopes near the sea.
 73. *Chiracanthium pennyi* O.P.-C. Only 2 ♀♀ ad. from Sjælland and Jylland.
 74. *Agroeca proxima* (O.P.-C.). Found in scattered localities.
 75. *Agroeca brunnea* (Bl.). In few specimens in scattered localities.
 76. *Scotina gracilipes* (Bl.). Found only in Jylland and in the islands of Anholt and Læsø in the Kattegat.
 77. *Liocranum rupicola* (Walck.). Only on rocks in Bornholm.
 78. *Zora spinimana* (Sund.). Common.
 79. *Zora nemoralis* (Bl.). Only 1 ♂ and 1 ♀ ad.
 80. *Zora silvestris* Kulcz. Only 2 ♀♀ ad. found in Jylland (O. Bøggild leg.).
 81. *Apostenus fuscus* Westr. Only in few places.
 82. *Phrurolithus festivus* (C.L.K.). Found east of Store Bælt only.
 83. *Anyphaena accentuata* (Walck.). Common.
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