



Insects in Kansas

Insects in Kansas 2016 Revised Taxonomy

Taxonomic Changes to Insect Orders

1. Order Collembola, springtails, are no longer classified as insects (38-39) but were elevated to class status.
2. Order Thysanura, bristletails and silverfish are now in different orders. Thysanura is no longer an order name.
 - a. Bristletails=Order Microcoryphia (40-41)
 - b. Silverfish=Order Zygentoma (40-41)
3. Order Phasmatodea, walkingsticks, are sometimes referred to as Phasmida (55)
4. Order Blattodea now includes both cockroaches and termites. Order Isoptera is now a suborder. (84-85)
5. Order Psocoptera, barklice, are now called Psocodea (86)
6. Orders Mallophaga and Anoplura (87-92) are now in Psocodea as suborders.
7. Order Hemiptera now includes the Order Homoptera. Homoptera is now a suborder. (121-148)
8. Order Neuroptera now includes lacewings, owlflies, and antlions but *not* dobsonflies. See 9. (153-159)
9. Order Megaloptera now includes dobsonflies, alderflies, and fishflies. (153-159)

Taxonomic Changes to Insect Families

1. Cave and camel crickets are now in the family Rhabdophoridae not Gryllacrididae. (73)
2. Ant crickets are now in a separate family, Myrmecophilidae. (74-75)
3. Red-legged earwigs are now in the family Anisolabididae. (78)
4. German and wood cockroaches are now in the family Ectobiidae. F. Blattellidae is no longer valid. (82-83)
5. Family Liposcelidae is now Liposcelididae. (86)
6. Pubic lice are now in their own family Phthiridae. (92)
7. Family Pentatomidae no longer includes the shield bugs or shield-backed bugs. (94)
8. Shield-backed bugs are now in the family Scutelleridae. (94)

9. Chinch bugs are now in the family Blissidae. (102)
10. Big-eyed bugs are now in the family Geocoridae. (103)
11. Long-necked seed bugs are in the family Rhyparochromidae. (103)
12. The ambush bug is now in the family Reduviidae. (107)
13. Tiger beetles are in the family Carabidae. (160-164)
14. Skin beetles are now in the family Trogidae. (181)
15. Family Trogositidae is now Trogossitidae. (201)
16. Lizard beetles are now in the family Erotylidae. (206)
17. Seed beetles are now in the family Chrysomelidae. (239)
18. Bark beetles are now in the family Curculionidae. (240-241)
19. Thief weevils are now in the family Attelabidae. (242)
20. Aphid parasite is now in the family Braconidae. (257)
21. Genus Myzinum is now in the family Thynnidae. (263)
22. The Family Anthophoridae is now in the family Apidae. (289)
23. Family Apidae (289-292)
24. Yucca moths are now called family Prodoxidae. (296)
25. Ailanthus moth is in the family Attevidae. (300)
26. Family Arctiidae is now family Erebidae. (330)
27. Family Lymantriidae is now family Erebidae. (335)
28. Family Libytheidae (snout butterflies) is now in the family Nymphalidae (364)
29. Family Heliconiidae is now in the family Nymphalidae (364)
30. Family Apaturidae is now in the family Nymphalidae (371)
31. Family Satyridae is now in the family Nymphalidae (373)
32. Family Danaidae is now in the family Nymphalidae (374)
33. Family Otitidae is now in the family Ulidiidae (404)

Numerals in parentheses reference page numbers where information appears in *Insects in Kansas*.

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