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Gerald Summers
University of Missouri

J. A. Beatty
Southern Illinois University

Nanette Magnuson
Southern Illinois University

A CHECKLIST OF ILLINOIS CENTIPEDES (CHILOPODA): SUPPLEMENT

Gerald Summers,[1] J. A. Beatty,[2] and Nanette Magnuson[2]

(*Editor's note.* The map figures illustraing the previously published part of this paper [Great Lakes Entomol. 13:241–257. 1980.] were not printed satisfactorily, and some of the information they contained was not reproduced. This supplement combines the annotations and references from the original list with a complete summary of the distribution for each species, including natural divisions and county records. A key to abbreviations for natural divisions [Table 1] and a map of the counties of Illinois [Fig. 1] accompany the original list.)

Order SCOLOPENDROMORPHA
Family CRYPTOPIDAE
Subfamily CRYPTOPINAE

Cryptops hyalinus Say 1821. (Fig. 2). B (Cook; Auerbach [1951]), C (Champaign) F (Hardin, Jackson, Johnson, Pope, Saline, Williamson), G (Jackson, Jefferson, Perry, Williamson), H (Clark), I (Randolph, Union), J (Alexander).

Subfamily SCOLOPOCRYPTOPINAE

Scolopocryptops nigridius McNeill 1887. (Fig. 3). F (Hardin, Jackson, Johnson, Pope, Saline, Union, Williamson), G (Jackson, Williamson), H (Vermilion), I (Randolph, Union), J (Massac).

S. rubiginosus L. Koch 1878. (Fig. 3). D (Hancock, Jersey, LaSalle, Rock Island), F (Adams, Knox).

S. sexspinosus (Say) 1821. (Fig. 4). B (Cook, Lake, Will), C (Champaign, Christian, Coles, Kankakee, Kendall, McLean, Piatt), D (Greene, Lawrence, Wabash), E (Mason), F (Hardin, Pope, Williamson), G (Clark, Effingham, Franklin, Jackson, Marion, Richland), I (Union), J (Alexander, Pulaski).

Subfamily THEATOPINAE

Theatops posticus (Say) 1821. (Fig. 5). D (Gallatin), F (Gallatin, Hardin, Pope), G (Jackson), J (Pulaski).

T. spinicaudus (Wood) 1862. (Fig. 5). B (Cook; Auerbach [1951]), C (Champaign, McLean), D (Greene, Union), F (Gallatin, Johnson, Pope, Union), G (Jackson, Williamson), I (Randolph, Union), J (Pulaski).

Family SCOLOPENDRIDAE

Hemiscolopendra punctiventris (Newport) 1844. (Fig. 6). F (Jackson, Pope, Union, Williamson), G (Jackson, Williamson), I (Union), J (Alexander, Pulaski).

Scolopendra viridis Say 1821 (Fig. 6). The only record for this species in Illinois is from Chamberlin's (1944) list of specimens at the Field Museum. We have not been able to

[1]Division of Biological Sciences, University of Missouri, Columbia, MO 65211
[2]Department of Zoology, Southern Illinois University, Carbondale, IL 61901.

locate this specimen and confirm the identification. It is known from the single locality, Alto Pass, Union county, in Natural Division F.

Order GEOPHILOMORPHA
Family CHILENOPHILIDAE

Arctogeophilus umbraticus (McNeill) 1887. (Fig. 7). F (Gallatin, Union).
Pachymerium ferrugineum (C. L. Koch) 1835. (Fig. 7). B (Cook; Auerbach [1951]), C (Douglas), D (LaSalle, Mason, Peoria), F (Pope, Union).
Taiyuna opita Chamberlin 1912 (Fig. 8). A (Jo Daviess).

Family DIGNATHODONTIDAE

Strigamia bidens Wood 1862. (Fig. 8). G (Jackson), I (Union).
S. bothriopa Wood 1862. (Fig. 9). A (Jo Daviess), B (DuPage), C (Champaign, DeWitt, Lee, Piatt), D (Calhoun, Gallatin, Lawrence, Monroe, Union, Woodford), F (Johnson, Pope, Saline), G (Jackson, Richland, Wayne), H (Champaign), I (Union).
S. branneri (Bollman) 1888. (Fig. 10). A (Winnebago), B (Cook, Kane, Lake), C (Champaign, Coles, Logan, McLean, Piatt, Tazewell), D (Calhoun, Jersey, LaSalle, Lawrence, Woodford), F (Hardin, Pope, Saline), G (Clark, Cumberland, Fayette, Jackson, Marion, Montgomery, Wayne, Williamson), H (Champaign, Crawford, Vermillion), I (Union).
S. chionophila Wood 1862. This species is easily confused with *branneri* and many previous reports of *chionophila* (e.g., Summers and Uetz 1979) have probably been based upon incorrect identifications. We have seen no specimens of this species from Illinois, but we have confirmed the widespread occurrence of *branneri* and we share the view of Crabill that "many distributional records presumably based upon *chionophila* have really been founded upon specimens of *branneri* . . ." (1952:112–113).

Family GEOPHILIDAE

Arenophilus bipuncticeps (Wood) 1862. (Fig. 11). B (Cook, DuPage, Will), C (Champaign, Coles, Kankakee, Kendall, Piatt), D (Alexander, Peoria, Rock Island), F (Jackson, Pope), G (Clark, Effingham, Lawrence, Perry, Richland, Wayne), H (Champaign, Crawford, White), I (Alexander), J (Alexander).
Brachygeophilus parki Auerbach 1954. (Fig. 12). B (Cook, Lake).
B. rupestris Crabill 1949. (Fig. 12). G (Washington).
Geophilus ampyx Crabill 1954. (Fig. 13). F (Johnson), G (Jackson).
G. mordax Meinert 1886. (Fig. 13). B (DuPage), C (Champaign, McLean, Menard), F (Jackson, Pope, Union), G (Clark, Jackson, Shelby), H (Clark).
G. vitattus (Rafinesque) 1820. (Fig. 14). A (Lee), B (Cook, DuPage, Kane, Lake. Will), C (Champaign, Kendall, McLean, Piatt), D (LaSalle), F (Jackson, Knox, Pope, Williamson), G (Clark, Cumberland, Effingham, Fayette, Jackson), H (Champaign, Vermilion), I (Randolph).

Family SCHENDYLIDAE

Escaryus missouriensis Chamberlin 1942. Although we have seen no specimens of this species, Crabill (1961) included the state of Illinois in its range. The type locality is St. Louis, Missouri.
Schendyla nemorensis (C. L. Koch) 1836. (Fig. 15). B (Cook, Lake), C (Champaign, Douglas), H (Clark), I (Union).

Order SCUTIGEROMORPHA
Family SCUTIGERIDAE

Scutigera coleoptrata (Linnaeus) 1758. We have seen a number of specimens from several natural divisions throughout the state; however, this species (the "house centipede") is

undoubtedly found in homes and buildings in every part of the state. It is rarely found outdoors in temperate regions, but may occasionally be found in areas near human habitation (e.g., Lee 1980).

Order LITHOBIOMORPHA
Family HENICOPIDAE

Buethobius huestoni Williams and Hefner 1928. (Fig. 16). F (Pope).
Lamyctes fulvicornis Meinert 1868. (Fig. 16). B (Cook), C (Piatt), D (Peoria; Chamberlin [1912]), G (Jackson), H (Champaign).

Family LITHOBIIDAE
Subfamily ETHOPOLYINAE

Bothropolys multidentatus (Newport) 1845. (Fig. 17). A (Lee, Whiteside), B (Cook, Kane, Will), C (Champaign, Coles, Douglas, Edgar, Kendall, McLean, Piatt), D (Peoria, Pike, Scott, Woodford), F (Hardin, Jackson, Johnson, Pope, Saline, Williamson), G (Fayette, Jackson, Jasper, Lawrence), H (Vermilion, White), I (Union), J (Massac).
Garibius opicolens Chamberlin 1931. (Fig. 18). F (Pope, Williamson), G (Williamson), I (Union).

Subfamily LITHOBIINAE

Lithobius forficatus Linnaeus 1758. (Fig. 19). A (Lee; Chamberlin [1925a]), B (Boone, Cook, DuPage, Lake, Will), C (Champaign, Coles, Kendall, Livingston, Macon, McLean), D (Crawford, Jasper, Peoria, Whiteside) F (Johnson, Union), G (Jackson, White), H (Vermilion), I (Union), J (Alexander).
Nadabius ameles (Chamberlin) 1944. (Fig. 20). B (Boone, Cook, Lake), C (Champaign, Coles, Douglas, Ford, Grundy, Logan, Mason, McLean, Piatt, Will), D (Calhoun, Hamilton, Hancock, LaSalle, Lawrence, Mason), E (Henderson), F (Adams, Hancock, Hardin, Johnson, Pope, Williamson), G (Clark, Cumberland, Fayette, Jackson, Lawrence, Marion, Perry, Shelby, St. Clair, Washington, Wayne), H (Champaign, Vermilion), I (Alexander, Monroe, Union).
Nadabius holzingeri (Bollman) 1887. (Fig. 21). A (Jo Daviess), B (Cook, DeKalb), C (Champaign, Ford, Grundy, Piatt), D (Carroll, LaSalle), E (Henderson), F (Pope), G (Lawrence, Montgomery, Perry, Washington, Wayne), H (Champaign, Crawford), J (Massac).
N. iowensis (Meinert) 1886. (Fig. 22). A (Lee; Chamberlin [1922]), B (Cook, Lake), C (Champaign, Christian, Coles, DeWitt, Douglas, Knox, Logan, Piatt, Will), D (Calhoun, Gallatin, Hancock, LaSalle, Lawrence, Peoria, Pike, Rock Island, Tazewell, Whiteside, Woodford), F (Hardin, Jackson, Johnson, Pope, Saline), G (Christian, Clark, Cumberland, Fayette, Jackson, Lawrence, Madison, Marion, Perry, Washington, Wayne, White, Williamson, Woodford), H (Crawford, Vermilion), I (Union).
N. pullus (Bollman) 1887. (Fig. 23). B (DuPage), C (Champaign, Livingston).
Nampabius virginiensis Chamberlin 1913. (Fig. 24). F (Hardin, Johnson, Pope), G (Jackson), I (Union).
Neolithobius mordax (L. Koch) 1862. The Illinois State Natural History Survey has four specimens from Carbondale and Urbana that were identified as *mordax* by R. V. Chamberlin, but the specimens are missing the last two pairs of legs and we are unable to verify the identifications. This species occurs in a variety of locations in the Coastal Plain and Interior Lowland physiographic provinces (cf. Fennemann 1928) and it is not unlikely that it occurs in Illinois; however, these four specimens are the only records we found for the state.
N. tyrannus (Bollman) 1887. (Fig. 25). B (Cook), C (Champaign, Coles, Mason), D (Gallatin), F (Williamson), G (Perry).
N. voracior (Chamberlin) 1912. (Fig. 26). B (Cook), C (Champaign, Christian, Coles, Kankakee, McLean, Piatt), F (Adams, Gallatin, Jackson, Macoupin, Pope), G (Clark, Fay-

ette, Jackson, Jasper, Macoupin, Madison, Perry, Shelby, Washington), H (Champaign), J (Massac).

Paitobius juventus (Bollman) 1887. (Fig. 27). A (Jo Daviess), B (Cook, DuPage), E (Mason), F (Jackson, Pope), G (Jackson), H (Clark), I (Union).

[*Physobius rappi* Chamberlin 1945. An examination of the type specimen suggests that this species is based upon an aberrant specimen of a locally abundant centipede (R. E. Crabill, pers. comm.). Furthermore, extensive collections at the type locality have failed to yield topotypes and we therefore exclude it from our list.]

Pokabius bilabiatus (Wood) 1867. (Fig. 28). A (Lee; Chamberlin [1922]), B (Cook, DeKalb, Lake), C (Champaign, Christian, Coles, Ford, Grundy, McLean, Piatt), D (Alexander, Jersey, LaSalle, Peoria, Rock Island, Union, Whiteside, Woodford), G (Fayette, Jackson, Jefferson, Marion, Montgomery, Perry, Washington, Wayne, White), I (Randolph), J (Massac).

Sigibius urbanus Chamberlin 1944. The only record for this species is the type specimen, a single female collected in Chicago.

Sonibius bius (Chamberlin) 1911. (Fig. 29). B (Cook), C (Champaign), G (Jefferson).

S. politus (McNeill) 1887. (Fig. 29). B (Cook), C (Champaign), D (Peoria), G (Jackson).

Sozibius proridens (Bollman) 1887. (Fig. 30). D (Lawrence), F (Pope, Johnson, Saline), G (Jackson), H (Clark, Crawford).

Tidabius plesius Chamberlin 1945. The only record for this species is the type material from Urbana and Mahomet. Crabill and Lorenzo (1957) have suggested that critical study of the genus *Tidabius* may reduce several specific names to synonymy. Although we have collected no specimens referable to this species, we retain the name on our list until further study resolves the problem of specific names in this genus.

T. suitus (Chamberlin) 1911. (Fig. 31). B (Lake).

T. tivius (Chamberlin) 1909. (Fig. 31). B (Cook), C (Champaign, Coles, Livingston, Vermilion), D (Peoria and Whiteside; Chamberlin [1913]), E (Grundy), F (Pope), G (Jackson), H (Champaign), J (Alexander).