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Literature record checklist of true bugs (Hemiptera) for Arkansas, U.S.A., as of 2018.

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Literature record checklist of true bugs (Hemiptera) for Arkansas, U.S.A., as of 2018

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Running Title: Checklist of Arkansas true bugs

The most recent catalog of the true bugs of the United States and Canada was published 30 years ago (Henry and Froeschner 1988) (Note: since this journal is printed and disseminated in April following the year of submission, the date on this paper says 2017, but was distributed in April of 2018, thus it has indeed been 30 years). The 1988 catalog continues to be a valuable resource for true bug records. In addition to species listed in the catalog, more than 150 true bug species have been added as new Arkansas records in various literature. The volume of scattered records, thus, renders it a daunting task to determine if a true bug species is or is not currently reported in the literature for Arkansas. This contribution serves to provide a single, current tabulation of Arkansas true bug literature records. This updated checklist also incorporates species previously reported from Arkansas but not included in the 1988 catalog.

Hemiptera are all listed alphabetically by family (**bold** + (# of species reported)), then by genus (indented), then by species within genus. Superscript after each species indicates a literature record for that species; in-text literature citations follow the checklist.

Hemiptera (true bugs) reported for Arkansas**Alydidae** (3)

- Alydus eurinus* (Say, 1825)³²
Alydus pilosulus Herrich-Schaeffer, 1848⁸
Megalotomus quinquespinosus (Say, 1825)⁷

Anthocoridae (4)

- Cardiastethus assimilis* (Reuter, 1871)⁸
Macrotracheliella nigra Parshley, 1917³²
Orius insidiosus (Say, 1832)²⁰
Xylocoris sordidus (Reuter, 1871)⁷

Aradidae (20)

- Acaricoris ignotus* Harris & Drake, 1944³²
Aneurus pygmaeus Kormilev, 1966⁴³
Aradus acutus Say, 1832⁴³
Aradus approximatus Parshley, 1921⁴⁰
Aradus cincticornis Bergroth, 1906⁴³

- Aradus crenatus* Say, 1832⁴³
Aradus duzeei Bergroth, 1892⁴⁰
Aradus falleni Stål, 1860³²
Aradus ornatus Say, 1832⁴⁰
Aradus robustus Uhler, 1871⁴³
Aradus similis Say, 1832⁴⁰
Quilnus niger (Stål, 1873)⁴³
Mezira emarginata (Say, 1832)³²
Mezira granulata (Say, 1832)⁴³
Mezira lobata (Say, 1832)⁴³
Mezira sayi Kormilev, 1982⁴³
Neuroctenus elongatus Osborn, 1903⁴⁰
Neuroctenus pseudonymus Bergroth, 1898⁴⁰
Neuroctenus simplex (Uhler, 1876)⁴³
Notapictinus aurivilli (Bergroth, 1887)⁴⁰

Belostomatidae (7)

- Belostoma flumineum* Say, 1832³²
Belostoma fusciventre (Defour, 1863)²⁴
Belostoma lutarium (Stål, 1855)³²
Belostoma testaceum (Leidy, 1847)²⁴
Lethocerus americanus (Leidy, 1847)²⁴
Lethocerus griseus (Say, 1832)³²
Lethocerus uhleri (Montandon, 1896)³²

Berytidae (4)

- Jalysus spinosus* (Say, 1824)³²
Jalysus wickhami Van Duzee, 1906³²
Metacanthus multispinus (Ashmead, 1887)²⁷
Neoneides muticus (Say, 1832)³²

Blissidae (3)

- Blissus leucopterus* (Say, 1832)³²
Ischnodemus rufipes Van Duzee, 1909⁴⁶
Ischnodemus slossonae Van Duzee, 1909¹⁴

Ceratocombidae (1)

- Ceratocombus vagans* McAtee & Malloch, 1925²

Cimicidae (4)

- Cimex adjunctus* Barber, 1939³⁹
Cimex lectularius Linnaeus, 1758³²
Cimex pilosellus (Horvath, 1910)³⁹
Cimexopsis nyctalis List, 1925³²

Coreidae (19)

- Acanthocephala declivis* (Say, 1832)¹⁵
Acanthocephala femorata (Fabricius, 1775)⁸

Checklist of Arkansas True Bugs

- Acanthocephala terminalis* (Dallas, 1852)⁷
Anasa armigera (Say, 1825)¹³
Anasa tristis (De Geer, 1775)³²
Ceraleptus americanus Stål, 1870³²
Chariesterus antennator (Fabricius, 1803)⁷
Chelinidea canyona Hamlin, 1923³²
Chelinidea vittiger Uhler, 1863¹³
Euthochtha galeator (Fabricius, 1803)⁷
Hypselonotus punctiventris Stål, 1862⁸
Leptoglossus clypealis Heidemann, 1910⁸
Leptoglossus corculus (Say, 1832)³²
Leptoglossus fulvicornis (Westwood, 1842)⁷
Leptoglossus oppositus (Say, 1832)³²
Leptoglossus phyllopus (Linnaeus, 1767)³²
Merocoris distinctus Dallas, 1852³²
Merocoris typhaeus (Fabricius, 1798)³²
Piezogaster calcarator (Fabricius, 1803)¹⁵
- Corixidae** (15)
Corisella edulis (Champion, 1901)⁶
Corisella inscripta (Uhler, 1894)¹⁸
Hesperocorixa interrupta (Say, 1825)³²
Hesperocorixa lucida (Abbott, 1916)³²
Hesperocorixa nitida (Fieber, 1851)²³
Hesperocorixa obliqua (Hungerford, 1925)³²
Palmacorixa buenoi Abbott, 1913¹⁸
Rhamphocorixa acuminata (Uhler, 1897)⁶
Sigara alternata (Say, 1825)³²
Sigara hubbelli (Hungerford, 1928)³²
Sigara modesta (Abbott, 1916)³²
Sigara pectinata (Abbott, 1913)²⁵
Trichocorixa calva (Say, 1832)³²
Trichocorixa kanza Sailer, 1948³²
Trichocorixa sexcincta (Champion, 1901)⁶
- Cydnidae** (12)
Amnestus basidentatus Froeschner, 1960³²
Amnestus pallidus Zimmer, 1910⁴
Amnestus pusillus Uhler, 1876³²
Amnestus spinifrons (Say, 1825)³²
Crytomenus ciliatus (Palisot de Beauvois, 1805)⁴
Melanaethus cavicollis (Blatchley, 1924)³²
Melanaethus pensylvanicus (Signoret, 1883)³²
Melanaethus robustus Uhler, 1877⁴
Melanaethus subpunctatus (Blatchley, 1926)³²
Pangaeus bilineatus (Say, 1825)³²
Sehirus cinctus cinctus (Palisot de Beauvois, 1811)⁴
Tominotus communis (Uhler, 1877)⁴
- Cymidae** (2)
Cymus angustatus Stål, 1874⁷
Cymus luridus Stål, 1874³²
- Gelastocoridae** (1)
Gelastocoris oculatus oculatus (Fabricius, 1798)³²
- Geocoridae** (3)
Geocoris pallens Stål, 1854³²
Geocoris punctipes (Say, 1832)³²
Geocoris uliginosus (Say, 1832)³²
- Gerridae** (15)
Aquarius nebularis Drake & Hottes, 1925³²
Aquarius remigis (Say, 1832)³²
Gerris argenticollis Parshley, 1916³²
Gerris marginatus (Say, 1832)³²
Limnoporus canaliculatus (Say, 1832)³²
Metrobates alacris Drake, 1955³²
Metrobates hesperius Uhler, 1871³²
Neogerris hesione (Kirkaldy, 1902)³²
Rheumatobates hungerfordi Wiley, 1923³²
Rheumatobates palosi Blatchly, 1926³²
Rheumatobates tenuipes Meinert, 1895³²
Rheumatobates trulliger Bergroth, 1915³²
Trepobates knighti Drake & Harris, 1928³²
Trepobates pictus (Herrich-Schaeffer, 1847)³²
Trepobates subnitidus Esaki, 1926³²
- Hebridae** (4)
Hebrus burmeisteri Lethierry & Severin, 1896¹⁸
Hebrus concinnus Uhler, 1894²⁶
Hebrus consolidus Uhler, 1894¹⁸
Merragata brunnea Drake, 1917²³
- Hydrometridae** (2)
Hydrometra hungerfordi Torre-Bueno, 1926³²
Hydrometra martini Kirkaldy, 1900³²
- Largidae** (1)
Largus succinctus (Linnaeus, 1763)¹⁵
- Lyctocoridae** (1)
Lytocoris stalii (Reuter, 1871)⁷
- Lygaeidae** (7)
Lygaeus kalmii Stål, 1874¹⁵
Kleidocerys resedae geminatus (Say, 1832)⁷
Melacoryphus facetus (Say, 1832)⁸
Neacoryphus bicrucis (Say, 1825)¹⁵
Neortholomus scolopax (Say, 1832)⁷
Nysius raphanus Howard, 1872⁴⁰
Oncopeltus fasciatus (Dallas, 1852)⁸
- Mesoveliidae** (1)
Mesovelia mulsanti White, 1879²⁵
- Miridae** (70)
Adelphocoris rapidus (Say, 1832)³²
Agnocoris rossi Moore, 1955⁷
Barberiella formicoides Poppius, 1914³²
Blepharidopterus provancheri (Burque, 1887)³²
Bolteria luteifrons Knight, 1921³²
Ceratocapsidea balli (Knight, 1927)³⁰
Ceratocapsidea complicata (Knight, 1927)³⁰
Ceratocapsidea fusiformis Van Duzee, 1917³⁰
Ceratocapsus fuscusignatus Knight, 1927³²
Ceratocapsus modestus (Uhler, 1887)¹⁷

S. W. Chordas III

- Ceratocapsus pumilus* (Uhler, 1887)³²
Ceratocapsus quadrispiculus Knight, 1927⁷
Collaria oculata (Reuter, 1876)⁸
Deraeocoris aphidiphagus Knight, 1921³²
Deraeocoris histrio (Reuter, 1876)⁷
Deraeocoris nebulosus (Uhler, 1872)³²
Diphleps unica Bergroth, 1924⁸
Eustictus necopinus necopinus Knight, 1923⁸
Fulvius slateri Wheeler, 1977⁷
Hyaliodes harti Knight, 1941⁸
Hyaliodes vitripennis (Say, 1832)³²
Ilnacora stalii Reuter, 1876³²
Keltonia sulphurea (Reuter, 1907)³²
Labopidea allii (Knight, 1923)³²
Labopidea geminata (Johnston, 1930)³²
Lopidea arkansae Knight, 1965³²
Lopidea confluenta (Say, 1832)⁷
Lopidea davisii Knight, 1917³²
Lopidea heidemanni Knight, 1917³²
Lopidea robiniae (Uhler, 1861)⁸
Lygus lineolaris (Palisot de Beauvois, 1818)³²
Macrotylus amoenus Reuter, 1909³²
Neurocolpus jessiae Knight, 1934³²
Neurocolpus nubilus (Say, 1832)³²
Parthenicus juniperi (Heidemann, 1892)²⁸
Parthenicus sedumicola Henry, 2007²⁸
Parthenicus taxodii Knight, 1941²⁸
Pilophoropsidea camela (Knight, 1930)³⁰
Pilophorus gracilis (Uhler, 1895)⁷
Phytocoris angustifrons Knight, 1926⁷
Phytocoris canadensis Van Duzee, 1920⁷
Phytocoris erectus Van Duzee, 1920⁸
Phytocoris eximius Reuter, 1876⁷
Phytocoris mundus Reuter, 1909⁷
Phytocoris puella Reuter, 1876⁷
Phytocoris quericola Knight, 1920⁷
Plagiognathus obscurus Uhler, 1872⁷
Plagiognathus politus Uhler, 1895⁷
Polymerus basalis (Reuter, 1876)³²
Prepops fraternus fraternus (Knight, 1923)⁷
Prepops insitivus (Say, 1832)⁴⁰
Prepops rubrovittatus (Stål, 1862)⁷
Pseudatomoscelis seriatus (Reuter, 1876)³²
Pseudoxenetes regalis (Uhler, 1890)⁷
Pycnoderes convexicollis Blatchley, 1926⁷
Reuteria bifurcata Knight, 1939⁹
Reuteria dobsoni Henry, 1976⁹
Reuteria fuscicornis Knight, 1939⁹
Reuteria querci Knight, 1939⁹
Reuteria wheeleri Henry, 1976⁹
Reuteroscopus ornatus (Reuter, 1876)³²
Sixeonotus areolatus Knight, 1928³²
Spanagonicus albofasciatus (Reuter, 1907)³²
Stenotus binotatus (Fabricius, 1794)³²
Taylorilygus apicalis (Fieber, 1861)³²
Texocoris nigrellus (Knight, 1939)⁴⁵
Trigonotylus coelestialium (Kirkaldy, 1902)³²
Trigonotylus tenuis Reuter, 1893³²
Tropidosteptes cardinalis Uhler, 1878⁸
Tytthus wheeleri Henry, 2012²⁹
- Nabidae** (10)
- Alloeorhynchus trimacula* (Stein, 1857)⁴⁴
Carthasis decoratus (Uhler, 1901)⁴⁴
Hoplistoscelis confusa Kerzhner & Henry^{34>(*2)}
Hoplistoscelis sericans (Reuter, 1872)³²
Lasiomerus annulatus (Reuter, 1872)⁷
Nabis alternatus Parshley, 1922³²
Nabis americoferus Carayon, 1961⁷
Nabis capsiformis Germar, 1838³²
Pagasa fusca (Stein, 1857)⁸
Phorticus collaris Stål, 1873⁴⁴
- Naucoridae** (1)
- Pelocoris femoratus* (Palisot de Beauvois, 1820)²³
- Nepidae** (6)
- Nepa apiculata* Uhler, 1862²²
Ranatra australis Hungerford, 1922²²
Ranatra buenoi Hungerford, 1922²²
Ranatra fusca (Palisot de Beauvois, 1820)²²
Ranatra kirkaldyi Torre-Bueno, 1905²²
Ranatra nigra Herrich-Schaeffer, 1849³²
- Notonectidae** (8)
- Buenoa confusa* Truxal, 1953¹²
Buenoa margaritacea Torre-Bueno, 1908³²
Buenoa scimitra Bare, 1925³²
Notonecta indica Linnaeus, 1771³²
Notonecta irrorata Uhler, 1879³²
Notonecta raleighi Torre-Bueno, 1907¹²
Notonecta uhleri Kirkaldy, 1897¹²
Notonecta undulata Say, 1832³²
- Pachygronthidae** (2)
- Oedancala dorsalis* (Say, 1832)⁷
Phlegyas abbreviatus (Uhler, 1876)⁷
- Pentatomidae** (50)
- Aelia americana* Dallas, 1851³²
Alcaeorrhynchus grandis (Dallas, 1851)³²
Amaurochrous cinctipes (Say, 1828)³²
Apateticus cynicus (Say, 1832)³²
Banasa dimidiata (Say, 1832)³²
Banasa euchlora Stål, 1872³²
Brochymena arborea (Say, 1825)³²
Brochymena cariosa Stål, 1872³²
Brochymena carolinensis (Westwood, 1837)³²
Brochymena punctata Van Duzee, 1909³²
Brochymena quadripustulata (Fabricius, 1775)³²

Checklist of Arkansas True Bugs

- Chinavia hilaris* (Say, 1832)³²
Chlorochroa ligata (Say, 1832)³²
Chlorochroa persimilis Horvath, 1908³²
Chlorochroa sayi (Stål, 1872)³²
Coenus delius (Say, 1832)³²
Coenus inermis Harris & Johnston, 1936³²
Cosmopepla lintneriana (Kirkaldy 1909)³² (*3)
Cyptocephala antiguensis (Westwood, 1837)⁴ (*4)
Dendrocoris humeralis (Uhler, 1877)³²
Edessa bifida (Say, 1832)³²
Euschistus ictericus (Linnaeus, 1763)³²
Euschistus politus Uhler, 1897³²
Euschistus servus (Say, 1832)³²
Euschistus tristigmus (Say, 1832)⁴
Euschistus variolarius (Palisot de Beauvois, 1817)³²
Euthyrhynchus floridanus (Linnaeus, 1767)³²
Halyomorpha halys (Stål, 1855)¹⁹
Holcostethus limbolarius (Stål, 1872)³²
Hymenarcys aequalis (Say, 1832)³²
Hymenarcys nervosa (Say, 1832)³²
Mecidea major Sailer, 1952³²
Mecidea minor Ruckes, 1946³²
Meneclis insertus (Say, 1832)³²
Mormidea lugens (Fabricius, 1775)³²
Murgantia histrionica (Hahn, 1834)³²
Neottiglossa cavifrons Stål, 1872³²
Neottiglossa sulcifrons Stål, 1872³²
Nezara viridula (Linnaeus, 1758)³²
Oebalus pugnax (Fabricius, 1775)³²
Perillus bioculatus (Fabricius, 1775)³²
Piezodorus guildinii (Westwood, 1837)⁴¹
Podisus maculiventris (Say, 1832)³²
Podisus placidus Uhler, 1870³²
Prionosoma podopioidea Uhler, 1863³²
Proxys punctulatus (Palisot de Beauvois, 1818)³²
Stiretrus anchorago (Fabricius, 1781)³²
Thyanta calceata (Say, 1832)³²
Thyanta custator accerra McAtee, 1919³²
Trichopepla semivittata (Say, 1832)³²
- Pleidae** (1)
Neoplea striola (Fieber, 1844)³²
- Reduviidae** (40)
Apiomerus crassipes (Fabricius, 1803)⁴²
Apiomerus spissipes (Say, 1825)³²
Aريلus cristatus (Linnaeus, 1763)⁷
Barce fraterna (Say, 1832)⁷
Ctenotrachelus shermani Barber, 1930³
Diaditus tejanus Giacchi, 1980⁴²
Emesaya brevipennis brevipennis (Say, 1828)⁷
Empicoris errabundus (Say, 1832)¹⁷
Empicoris rubromaculatus (Blackburn, 1889)¹⁷
Fitchia spinosula Stål, 1872³⁷
- Gnathobleda litigiosa* Stål, 1872³³
Lophoscutus prehensilis (Fabricius, 1803)³²
Melanolestes picipes (Herrich-Schaeffer, 1846)⁴²
Microtomus purcis (Drury, 1782)⁷
Narvesus carolinensis Stål, 1859⁸
Oncerotrachelus acuminatus (Say, 1832)⁸
Oncocephalus geniculatus (Stål, 1872)⁷
Phymata americana americana Melin, 1930³²
Phymata pennsylvanica Handlirsch, 1897³²
Ploiaria carolina (Herrich-Schaeffer, 1850)¹⁷
Ploiaria hirticornis (Banks, 1909)¹⁷
Pnirontis languida Stål, 1859⁴²
Pnirontis modesta Banks, 1910⁷
Pselliopus barberi Davis, 1912⁷
Pselliopus cinctus (Fabricius, 1776)⁴²
Pselliopus latifasciatus Barber, 1924⁴²
Pygolampus pectoralis (Say, 1832)⁷
Rasahus hamatus (Fabricius, 1781)⁷
Rhiginia cruciata (Say, 1832)⁸
Rocconota annulicornis (Stål, 1872)⁷
Saica elkinsi Blinn, 1994⁵
Sinea diadema (Fabricius, 1776)³²
Sinea spinipes (Herrich-Schaeffer, 1846)³²
Sirthenea stria carinata (Fabricius, 1798)¹⁵
Stenopoda spinulosa Giacchi, 1969⁴²
Triatoma sanguisuga (Leconte, 1856)³²
Zelus cervicalis Stål, 1872⁷
Zelus luridus Stål, 1862³²
Zelus renardii Kolenati, 1856⁴²
Zelus tetracanthus Stål, 1862⁴⁰
- Rhopalidae** (9)
Arhyssus lateralis (Say, 1825)³²
Arhyssus nigristernum (Signoret, 1859)³²
Aufeius impressicollis Stål, 1870³²
Boisea trivittata (Say, 1825)¹⁶
Harmostes fraterculus (Say, 1832)⁸
Harmostes reflexulus (Say, 1832)³²
Jadera haematoloma (Herrich-Schaeffer, 1847)⁸
Liorhyssus hyalinus (Fabricius, 1794)³²
Niesthrea louisianica Sailer, 1961³²
- Rhyparochromidae** (24)
Antillocoris pilosulus (Stål, 1874)³²
Atrazonotus umbrosus (Distant, 1893)⁸
Botocudo modestus (Barber, 1948)³²
Carpilis barberi (Blatchley, 1924)⁴⁷
Cryphula trimaculata (Distant, 1882)¹⁴
Cnemodus mavortius (Say, 1832)³²
Heraeus plebejus Stål, 1874¹⁸
Kolenetrus plenus (Distant, 1882)⁴⁰
Ligyrocoris diffusus (Uhler, 1871)³²
Malezonotus rufipes (Stål, 1874)³²
Megalonotus sabulicola (Thomson, 1870)¹⁰

S. W. Chordas III

- Myodocha serripes* Oliver, 1811³⁵
Neopamera albocincta (Barber, 1953)⁷
Neopamera bilobata (Say, 1832)⁷
Ozophora picturata Uhler, 1871⁸
Paromius longulus (Dallas, 1852)⁸
Prytanes fuscicornis (Stål, 1874)³²
Prytanes intercisus (Barber, 1932)³²
Pseudopachybrachius basalis (Dallas, 1852)⁷
Pseudopachybrachius vinctus (Say, 1832)¹¹
Ptochiomera nodosa Say, 1832⁴⁷
Sisamnes claviger (Uhler, 1895)⁴⁷
Sisamnes contractus Distant, 1893⁴⁷
Xestocoris nitens Van Duzee, 1906⁴⁰
- Saldidae** (4)
Micracantha humilis (Say, 1832)³²
Pentacora ligata (Say, 1832)³⁸
Pentacora ouachita Polhemus, 1993³⁸
Saldula pallipes (Fabricius, 1794)³²
- Schizopteridae** (2)
Corixidea major McAtee & Malloch, 1925³¹
Glyptocombus saltator Heidemann, 1906²
- Scutelleridae** (7)
Acantholomidea denticulata (Stål, 1870)⁴
Acantholomidea porosa (Germar, 1839)²¹
Diolcus chrysorrhoeus (Fabricius, 1803)³²
Homaemus bijugis Uhler 1872⁴
Homaemus parvulus (Germar, 1839)³²
Stethaulax marmorata (Say, 1832)⁴
Tetyra bipunctata (Herrich-Schaeffer, 1839)⁴
- Thyreocoridae** (10)
Corimelaena harti Malloch, 1919³⁶
Corimelaena lateralis lateralis (Fabricius, 1803)³⁶
Corimelaena marginella Dallas, 1851³⁶
Corimelaena obscura McPherson & Sailer, 1978³⁶
Corimelaena pulicaria (Germar, 1839)³²
Galgupha aterrima Malloch, 1919³⁶
Galgupha atra Amyot & Serville, 1843³⁶
Galgupha carinata McAtee & Malloch, 1933³⁶
Galgupha loboprostethia Sailer, 1940³²
Galgupha ovalis Hussey, 1925³²
- Tingidae** (15)
Acalypta lillianus Torre-Bueno, 1916¹
Acalypta susanae Allen *et al.*, 1988¹
Atheas mimeticus Heidemann, 1909³²
Corythucha aesculi Osborn & Drake, 1916³²
Corythucha arcuata (Say, 1832)⁷
Corythucha ciliata (Say, 1832)⁷
Corythucha cydoniae (Fitch, 1861)³²
Corythucha marmorata (Uhler, 1878)⁷
Gargaphia solani Heidemann, 1914³²
Leptopharsa clitoriae (Heidemann, 1911)³²
Leptopharsa heidemanni (Osborn & Drake, 1916)³²

- Leptopharsa oblonga* (Say, 1825)³²
Leptoypha costata Parshley, 1917³²
Leptoypha mutica (Say, 1832)⁷
Teleonemia nigrina Champion, 1898³²

Veliidae (5)

- Microvelia americana* (Uhler, 1884)³²
Microvelia hinei Drake, 1920³²
Microvelia pulchella Westwood, 1834³²
Rhagovelia knighti Drake & Harris, 1927³²
Steinovelia stagnalis (Burmeister, 1835)²⁶

This compilation totals 393 species representing 38 families of Hemiptera. I did not find literature records for 18 families (with species anticipated for Arkansas): Acanthosomatidae, Artheneidae, Dipsocoridae, Enicocephalidae, Heterogastridae, Lasiochilidae, Leptopodidae, Macroveliidae, Microphysidae, Ninidae, Ochteridae, Oxycarenidae, Piesmatidae, Plataspidae, Polyctenidae, Pyrrhocoridae, Tessaratomidae, Thaumastocoridae.

Literature used as distributional references (indicated via numerical superscript in the checklist and following) were: ¹Allen *et al.* (1988), ²Allen & Carlton (1989), ³Asquith (1992), ⁴Barton & Lee (1981), ⁵Blinn (1994), ⁶Chordas *et al.* (1996), ⁷Chordas *et al.* (2005), ⁸Chordas *et al.* (2011), ⁹Chordas *et al.* (2013), ¹⁰Chordas *et al.* (2014), ¹¹Chordas *et al.* (2017), ¹²Chordas & Harp (1991), ¹³Chordas & Kovarik (2008)a, ¹⁴Chordas & Kovarik (2008)b, ¹⁵Chordas & Kremers (2009), ¹⁶Chordas & McAllister (2015), ¹⁷Chordas & Tumilson (2016), ¹⁸Cochran & Harp (1990), ¹⁹EDDMapS (2017), ²⁰Elkassabany *et al.* (1996), ²¹Gaspar *et al.* (2015), ²²Harp (1985), ²³Harp & Harp (1980), ²⁴Harp & Harp (1990), ²⁵Harp & Hubbard (1972), ²⁶Harp & Robison (2006), ²⁷Henry (1997), ²⁸Henry (2007), ²⁹Henry (2012), ³⁰Henry (2015), ³¹Henry *et al.* (2010), ³²Henry & Froeschner (1988), ³³Hoffman & Roble (2011), ³⁴Kerzhner & Henry (2008), ³⁵Lariviere & Laroche (1991), ³⁶Lee & Barton (1983), ³⁷McPherson *et al.* (1992), ³⁸Polhemus (1993), ³⁹Sasse *et al.* (2016), ⁴⁰Skvarla *et al.* (2016), ⁴¹Smith *et al.* (2009), ⁴²Swanson (2011), ⁴³Taylor & McPherson (1989), ⁴⁴Tumilson & Chordas (*in press*), ⁴⁵Wheeler (1989), ⁴⁶Wheeler (2013), ⁴⁷Wheeler (2017).

I attempted to incorporate currently valid names and nomenclatural changes [e.g. ²*Hoplistoscelis confusa* rather than *H. sordida*, ³*Cosmopepla lintneriana* instead of *C. bimaculata* (Thomas, 1865), etc]. I further attempted to exclude synonymized taxa and only included current nomenclature for each group

Checklist of Arkansas True Bugs

as best as I could determine [e.g. Lee and Barton (1983) reported *Crytomenus mirabilis*, a junior synonym of *Crytomenus ciliatus*, and Barton and Lee (1981) reported several *Thyanta* that have been synonymized (all excluded herein) and, further, a reviewer indicated the record for the Penetatomidae species ^(*) is in need of verification; the black bug (Thyreocoridae) *Galgupha nitiduloides nitiduloides* is excluded because although listed for Arkansas in the subspecies list in ³², it is absent from the species distribution in the same reference and absent from all other thyreocorid sources I consulted, etc.,].

Literature records herein are just that, a literature record/reference, and do not necessarily represent the first literature report of that species for Arkansas. That information, however, can often be found within many of the publications cited. Efforts to document the Hemiptera fauna of Arkansas is an ongoing endeavor.

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