

2017

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

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### Recommended Citation

Chordas, Stephen W. III (2017) "Literature record checklist of true bugs (Hemiptera) for Arkansas, U.S.A., as of 2018," *Journal of the Arkansas Academy of Science*: Vol. 71 , Article 42.

Available at: <http://scholarworks.uark.edu/jaas/vol71/iss1/42>

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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)<sup>32</sup>  
*Alydus pilosulus* Herrich-Schaeffer, 1848<sup>8</sup>  
*Megalotomus quinquespinosus* (Say, 1825)<sup>7</sup>

### Anthocoridae (4)

- Cardiastethus assimilis* (Reuter, 1871)<sup>8</sup>  
*Macrotracheliella nigra* Parshley, 1917<sup>32</sup>  
*Orius insidiosus* (Say, 1832)<sup>20</sup>  
*Xylocoris sordidus* (Reuter, 1871)<sup>7</sup>

### Aradidae (20)

- Acaricoris ignotus* Harris & Drake, 1944<sup>32</sup>  
*Aneurys pygmaeus* Kormilev, 1966<sup>43</sup>  
*Aradus acutus* Say, 1832<sup>43</sup>  
*Aradus approximatus* Parshley, 1921<sup>40</sup>  
*Aradus cincticornis* Bergroth, 1906<sup>43</sup>

- Aradus crenatus* Say, 1832<sup>43</sup>  
*Aradus duzeei* Bergroth, 1892<sup>40</sup>  
*Aradus falleni* Stål, 1860<sup>32</sup>  
*Aradus ornatus* Say, 1832<sup>40</sup>  
*Aradus robustus* Uhler, 1871<sup>43</sup>  
*Aradus similis* Say, 1832<sup>40</sup>  
*Quilnus niger* (Stål, 1873)<sup>43</sup>  
*Mezira emarginata* (Say, 1832)<sup>32</sup>  
*Mezira granulata* (Say, 1832)<sup>43</sup>  
*Mezira lobata* (Say, 1832)<sup>43</sup>  
*Mezira sayi* Kormilev, 1982<sup>43</sup>  
*Neuroctenus elongatus* Osborn, 1903<sup>40</sup>  
*Neuroctenus pseudonymus* Bergroth, 1898<sup>40</sup>  
*Neuroctenus simplex* (Uhler, 1876)<sup>43</sup>  
*Notapictinus aurivilli* (Bergroth, 1887)<sup>40</sup>

### Belostomatidae (7)

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

### Berytidae (4)

- Jalysus spinosus* (Say, 1824)<sup>32</sup>  
*Jalysus wickhami* Van Duzee, 1906<sup>32</sup>  
*Metacanthus multispinus* (Ashmead, 1887)<sup>27</sup>  
*Neoneides muticus* (Say, 1832)<sup>32</sup>

### Blissidae (3)

- Blissus leucopterus* (Say, 1832)<sup>32</sup>  
*Ischnodemus rufipes* Van Duzee, 1909<sup>46</sup>  
*Ischnodemus slossonae* Van Duzee, 1909<sup>14</sup>

### Ceratocombidae (1)

- Ceratocombus vagans* McAtee & Malloch, 1925<sup>2</sup>

### Cimicidae (4)

- Cimex adjunctus* Barber, 1939<sup>39</sup>  
*Cimex lectularius* Linnaeus, 1758<sup>32</sup>  
*Cimex pilosellus* (Horvath, 1910)<sup>39</sup>  
*Cimexopsis nyctalis* List, 1925<sup>32</sup>

### Coreidae (19)

- Acanthocephala declivis* (Say, 1832)<sup>15</sup>  
*Acanthocephala femorata* (Fabricius, 1775)<sup>8</sup>

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- Acanthocephala terminalis* (Dallas, 1852)<sup>7</sup>  
*Anasa armigera* (Say, 1825)<sup>13</sup>  
*Anasa tristis* (De Geer, 1775)<sup>32</sup>  
*Ceraleptus americanus* Stål, 1870<sup>32</sup>  
*Chariesterus antennator* (Fabricius, 1803)<sup>7</sup>  
*Chelinidea canyona* Hamlin, 1923<sup>32</sup>  
*Chelinidea vittiger* Uhler, 1863<sup>13</sup>  
*Euthochtha galeator* (Fabricius, 1803)<sup>7</sup>  
*Hypselonotus punctiventris* Stål, 1862<sup>8</sup>  
*Leptoglossus clypealis* Heidemann, 1910<sup>8</sup>  
*Leptoglossus corculus* (Say, 1832)<sup>32</sup>  
*Leptoglossus fulvicornis* (Westwood, 1842)<sup>7</sup>  
*Leptoglossus oppositus* (Say, 1832)<sup>32</sup>  
*Leptoglossus phyllopus* (Linnaeus, 1767)<sup>32</sup>  
*Merocoris distinctus* Dallas, 1852<sup>32</sup>  
*Merocoris typhaeus* (Fabricius, 1798)<sup>32</sup>  
*Piezogaster calcarator* (Fabricius, 1803)<sup>15</sup>
- Corixidae** (15)  
*Corisella edulis* (Champion, 1901)<sup>6</sup>  
*Corisella inscripta* (Uhler, 1894)<sup>18</sup>  
*Hesperocorixa interrupta* (Say, 1825)<sup>32</sup>  
*Hesperocorixa lucida* (Abbott, 1916)<sup>32</sup>  
*Hesperocorixa nitida* (Fieber, 1851)<sup>23</sup>  
*Hesperocorixa obliqua* (Hungerford, 1925)<sup>32</sup>  
*Palmacorixa buenoi* Abbott, 1913<sup>18</sup>  
*Rhamphocorixa acuminata* (Uhler, 1897)<sup>6</sup>  
*Sigara alternata* (Say, 1825)<sup>32</sup>  
*Sigara hubbelli* (Hungerford, 1928)<sup>32</sup>  
*Sigara modesta* (Abbott, 1916)<sup>32</sup>  
*Sigara pectinata* (Abbott, 1913)<sup>25</sup>  
*Trichocorixa calva* (Say, 1832)<sup>32</sup>  
*Trichocorixa kanza* Sailer, 1948<sup>32</sup>  
*Trichocorixa sexcincta* (Champion, 1901)<sup>6</sup>
- Cydnidae** (12)  
*Amnestus basidentatus* Froeschner, 1960<sup>32</sup>  
*Amnestus pallidus* Zimmer, 1910<sup>4</sup>  
*Amnestus pusillus* Uhler, 1876<sup>32</sup>  
*Amnestus spinifrons* (Say, 1825)<sup>32</sup>  
*Crytomenus ciliatus* (Palisot de Beauvois, 1805)<sup>4</sup>  
*Melanaethus cavicollis* (Blatchley, 1924)<sup>32</sup>  
*Melanaethus pensylvanicus* (Signoret, 1883)<sup>32</sup>  
*Melanaethus robustus* Uhler, 1877<sup>4</sup>  
*Melanaethus subpunctatus* (Blatchley, 1926)<sup>32</sup>  
*Pangaeus bilineatus* (Say, 1825)<sup>32</sup>  
*Sehirus cinctus cinctus* (Palisot de Beauvois, 1811)<sup>4</sup>  
*Tominotus communis* (Uhler, 1877)<sup>4</sup>
- Cymidae** (2)  
*Cymus angustatus* Stål, 1874<sup>7</sup>  
*Cymus luridus* Stål, 1874<sup>32</sup>
- Gelastocoridae** (1)  
*Gelastocoris oculatus oculatus* (Fabricius, 1798)<sup>32</sup>
- Geocoridae** (3)  
*Geocoris pallens* Stål, 1854<sup>32</sup>  
*Geocoris punctipes* (Say, 1832)<sup>32</sup>  
*Geocoris uliginosus* (Say, 1832)<sup>32</sup>
- Gerridae** (15)  
*Aquarius nebularis* Drake & Hottes, 1925<sup>32</sup>  
*Aquarius remigis* (Say, 1832)<sup>32</sup>  
*Gerris argenticollis* Parshley, 1916<sup>32</sup>  
*Gerris marginatus* (Say, 1832)<sup>32</sup>  
*Limnoporus canaliculatus* (Say, 1832)<sup>32</sup>  
*Metrobates alacris* Drake, 1955<sup>32</sup>  
*Metrobates hesperius* Uhler, 1871<sup>32</sup>  
*Neogerris hesione* (Kirkaldy, 1902)<sup>32</sup>  
*Rheumatobates hungerfordi* Wiley, 1923<sup>32</sup>  
*Rheumatobates palosi* Blatchly, 1926<sup>32</sup>  
*Rheumatobates tenuipes* Meinert, 1895<sup>32</sup>  
*Rheumatobates trulliger* Bergroth, 1915<sup>32</sup>  
*Trepobates knighti* Drake & Harris, 1928<sup>32</sup>  
*Trepobates pictus* (Herrich-Schaeffer, 1847)<sup>32</sup>  
*Trepobates subnitidus* Esaki, 1926<sup>32</sup>
- Hebridae** (4)  
*Hebrus burmeisteri* Lethierry & Severin, 1896<sup>18</sup>  
*Hebrus concinnus* Uhler, 1894<sup>26</sup>  
*Hebrus consolidus* Uhler, 1894<sup>18</sup>  
*Merragata brunnea* Drake, 1917<sup>23</sup>
- Hydrometridae** (2)  
*Hydrometra hungerfordi* Torre-Bueno, 1926<sup>32</sup>  
*Hydrometra martini* Kirkaldy, 1900<sup>32</sup>
- Largidae** (1)  
*Largus succinctus* (Linnaeus, 1763)<sup>15</sup>
- Lyctocoridae** (1)  
*Lytocoris stalii* (Reuter, 1871)<sup>7</sup>
- Lygaeidae** (7)  
*Lygaeus kalmii* Stål, 1874<sup>15</sup>  
*Kleidocerys resedae geminatus* (Say, 1832)<sup>7</sup>  
*Melacoryphus facetus* (Say, 1832)<sup>8</sup>  
*Neacoryphus bicrucis* (Say, 1825)<sup>15</sup>  
*Neortholomus scolopax* (Say, 1832)<sup>7</sup>  
*Nysius raphanus* Howard, 1872<sup>40</sup>  
*Oncopeltus fasciatus* (Dallas, 1852)<sup>8</sup>
- Mesoveliidae** (1)  
*Mesovelia mulsanti* White, 1879<sup>25</sup>
- Miridae** (70)  
*Adelphocoris rapidus* (Say, 1832)<sup>32</sup>  
*Agnocoris rossi* Moore, 1955<sup>7</sup>  
*Barberiella formicoides* Poppius, 1914<sup>32</sup>  
*Blepharidopterus provancheri* (Burque, 1887)<sup>32</sup>  
*Bolteria luteifrons* Knight, 1921<sup>32</sup>  
*Ceratocapsidea balli* (Knight, 1927)<sup>30</sup>  
*Ceratocapsidea complicata* (Knight, 1927)<sup>30</sup>  
*Ceratocapsidea fusiformis* Van Duzee, 1917<sup>30</sup>  
*Ceratocapsus fuscusignatus* Knight, 1927<sup>32</sup>  
*Ceratocapsus modestus* (Uhler, 1887)<sup>17</sup>

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- Ceratocapsus pumilus* (Uhler, 1887)<sup>32</sup>  
*Ceratocapsus quadrispiculus* Knight, 1927<sup>7</sup>  
*Collaria oculata* (Reuter, 1876)<sup>8</sup>  
*Deraeocoris aphidiphagus* Knight, 1921<sup>32</sup>  
*Deraeocoris histrio* (Reuter, 1876)<sup>7</sup>  
*Deraeocoris nebulosus* (Uhler, 1872)<sup>32</sup>  
*Diphleps unica* Bergroth, 1924<sup>8</sup>  
*Eustictus necopinus necopinus* Knight, 1923<sup>8</sup>  
*Fulvius slateri* Wheeler, 1977<sup>7</sup>  
*Hyaliodes harti* Knight, 1941<sup>8</sup>  
*Hyaliodes vitripennis* (Say, 1832)<sup>32</sup>  
*Ilnacora stalii* Reuter, 1876<sup>32</sup>  
*Keltonia sulphurea* (Reuter, 1907)<sup>32</sup>  
*Labopidea allii* (Knight, 1923)<sup>32</sup>  
*Labopidea geminata* (Johnston, 1930)<sup>32</sup>  
*Lopidea arkansae* Knight, 1965<sup>32</sup>  
*Lopidea confluenta* (Say, 1832)<sup>7</sup>  
*Lopidea davisii* Knight, 1917<sup>32</sup>  
*Lopidea heidemanni* Knight, 1917<sup>32</sup>  
*Lopidea robiniae* (Uhler, 1861)<sup>8</sup>  
*Lygus lineolaris* (Palisot de Beauvois, 1818)<sup>32</sup>  
*Macrotylus amoenus* Reuter, 1909<sup>32</sup>  
*Neurocolpus jessiae* Knight, 1934<sup>32</sup>  
*Neurocolpus nubilus* (Say, 1832)<sup>32</sup>  
*Parthenicus juniperi* (Heidemann, 1892)<sup>28</sup>  
*Parthenicus sedumicola* Henry, 2007<sup>28</sup>  
*Parthenicus taxodii* Knight, 1941<sup>28</sup>  
*Pilophoropsidea camela* (Knight, 1930)<sup>30</sup>  
*Pilophorus gracilis* (Uhler, 1895)<sup>7</sup>  
*Phytocoris angustifrons* Knight, 1926<sup>7</sup>  
*Phytocoris canadensis* Van Duzee, 1920<sup>7</sup>  
*Phytocoris erectus* Van Duzee, 1920<sup>8</sup>  
*Phytocoris eximius* Reuter, 1876<sup>7</sup>  
*Phytocoris mundus* Reuter, 1909<sup>7</sup>  
*Phytocoris puella* Reuter, 1876<sup>7</sup>  
*Phytocoris quericola* Knight, 1920<sup>7</sup>  
*Plagiognathus obscurus* Uhler, 1872<sup>7</sup>  
*Plagiognathus politus* Uhler, 1895<sup>7</sup>  
*Polymerus basalis* (Reuter, 1876)<sup>32</sup>  
*Prepops fraternus fraternus* (Knight, 1923)<sup>7</sup>  
*Prepops insitivus* (Say, 1832)<sup>40</sup>  
*Prepops rubrovittatus* (Stål, 1862)<sup>7</sup>  
*Pseudatomoscelis seriatus* (Reuter, 1876)<sup>32</sup>  
*Pseudoxenetes regalis* (Uhler, 1890)<sup>7</sup>  
*Pycnoderes convexicollis* Blatchley, 1926<sup>7</sup>  
*Reuteria bifurcata* Knight, 1939<sup>9</sup>  
*Reuteria dobsoni* Henry, 1976<sup>9</sup>  
*Reuteria fuscicornis* Knight, 1939<sup>9</sup>  
*Reuteria querci* Knight, 1939<sup>9</sup>  
*Reuteria wheeleri* Henry, 1976<sup>9</sup>  
*Reuteroscopus ornatus* (Reuter, 1876)<sup>32</sup>  
*Sixeonotus areolatus* Knight, 1928<sup>32</sup>  
*Spanagonicus albofasciatus* (Reuter, 1907)<sup>32</sup>  
*Stenotus binotatus* (Fabricius, 1794)<sup>32</sup>  
*Taylorilygus apicalis* (Fieber, 1861)<sup>32</sup>  
*Texocoris nigrellus* (Knight, 1939)<sup>45</sup>  
*Trigonotylus coelestialium* (Kirkaldy, 1902)<sup>32</sup>  
*Trigonotylus tenuis* Reuter, 1893<sup>32</sup>  
*Tropidosteptes cardinalis* Uhler, 1878<sup>8</sup>  
*Tytthus wheeleri* Henry, 2012<sup>29</sup>
- Nabidae** (10)
- Alloeorhynchus trimacula* (Stein, 1857)<sup>44</sup>  
*Carthasis decoratus* (Uhler, 1901)<sup>44</sup>  
*Hoplistoscelis confusa* Kerzhner & Henry<sup>34>(\*2)</sup>  
*Hoplistoscelis sericans* (Reuter, 1872)<sup>32</sup>  
*Lasiomerus annulatus* (Reuter, 1872)<sup>7</sup>  
*Nabis alternatus* Parshley, 1922<sup>32</sup>  
*Nabis americanoferus* Carayon, 1961<sup>7</sup>  
*Nabis capsiformis* Germar, 1838<sup>32</sup>  
*Pagasa fusca* (Stein, 1857)<sup>8</sup>  
*Phorticus collaris* Stål, 1873<sup>44</sup>
- Naucoridae** (1)
- Pelocoris femoratus* (Palisot de Beauvois, 1820)<sup>23</sup>
- Nepidae** (6)
- Nepa apiculata* Uhler, 1862<sup>22</sup>  
*Ranatra australis* Hungerford, 1922<sup>22</sup>  
*Ranatra buenoi* Hungerford, 1922<sup>22</sup>  
*Ranatra fusca* (Palisot de Beauvois, 1820)<sup>22</sup>  
*Ranatra kirkaldyi* Torre-Bueno, 1905<sup>22</sup>  
*Ranatra nigra* Herrich-Schaeffer, 1849<sup>32</sup>
- Notonectidae** (8)
- Buenoa confusa* Truxal, 1953<sup>12</sup>  
*Buenoa margaritacea* Torre-Bueno, 1908<sup>32</sup>  
*Buenoa scimitra* Bare, 1925<sup>32</sup>  
*Notonecta indica* Linnaeus, 1771<sup>32</sup>  
*Notonecta irrorata* Uhler, 1879<sup>32</sup>  
*Notonecta raleighi* Torre-Bueno, 1907<sup>12</sup>  
*Notonecta uhleri* Kirkaldy, 1897<sup>12</sup>  
*Notonecta undulata* Say, 1832<sup>32</sup>
- Pachygronthidae** (2)
- Oedancala dorsalis* (Say, 1832)<sup>7</sup>  
*Phlegyas abbreviatus* (Uhler, 1876)<sup>7</sup>
- Pentatomidae** (50)
- Aelia americana* Dallas, 1851<sup>32</sup>  
*Alcaeorrhynchus grandis* (Dallas, 1851)<sup>32</sup>  
*Amaurochrous cinctipes* (Say, 1828)<sup>32</sup>  
*Apateticus cynicus* (Say, 1832)<sup>32</sup>  
*Banasa dimidiata* (Say, 1832)<sup>32</sup>  
*Banasa euchlora* Stål, 1872<sup>32</sup>  
*Brochymena arborea* (Say, 1825)<sup>32</sup>  
*Brochymena cariosa* Stål, 1872<sup>32</sup>  
*Brochymena carolinensis* (Westwood, 1837)<sup>32</sup>  
*Brochymena punctata* Van Duzee, 1909<sup>32</sup>  
*Brochymena quadripustulata* (Fabricius, 1775)<sup>32</sup>

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- Chinavia hilaris* (Say, 1832)<sup>32</sup>  
*Chlorochroa ligata* (Say, 1832)<sup>32</sup>  
*Chlorochroa persimilis* Horvath, 1908<sup>32</sup>  
*Chlorochroa sayi* (Stål, 1872)<sup>32</sup>  
*Coenus delius* (Say, 1832)<sup>32</sup>  
*Coenus inermis* Harris & Johnston, 1936<sup>32</sup>  
*Cosmopepla lintneriana* (Kirkaldy 1909)<sup>32</sup> (\*3)  
*Cyptocephala antiguensis* (Westwood, 1837)<sup>4</sup> (\*4)  
*Dendrocoris humeralis* (Uhler, 1877)<sup>32</sup>  
*Edessa bifida* (Say, 1832)<sup>32</sup>  
*Euschistus ictericus* (Linnaeus, 1763)<sup>32</sup>  
*Euschistus politus* Uhler, 1897<sup>32</sup>  
*Euschistus servus* (Say, 1832)<sup>32</sup>  
*Euschistus tristigmus* (Say, 1832)<sup>4</sup>  
*Euschistus variolarius* (Palisot de Beauvois, 1817)<sup>32</sup>  
*Euthyrhynchus floridanus* (Linnaeus, 1767)<sup>32</sup>  
*Halyomorpha halys* (Stål, 1855)<sup>19</sup>  
*Holcostethus limbolarius* (Stål, 1872)<sup>32</sup>  
*Hymenarcys aequalis* (Say, 1832)<sup>32</sup>  
*Hymenarcys nervosa* (Say, 1832)<sup>32</sup>  
*Mecidea major* Sailer, 1952<sup>32</sup>  
*Mecidea minor* Ruckes, 1946<sup>32</sup>  
*Meneclis insertus* (Say, 1832)<sup>32</sup>  
*Mormidea lugens* (Fabricius, 1775)<sup>32</sup>  
*Murgantia histrionica* (Hahn, 1834)<sup>32</sup>  
*Neottiglossa cavifrons* Stål, 1872<sup>32</sup>  
*Neottiglossa sulcifrons* Stål, 1872<sup>32</sup>  
*Nezara viridula* (Linnaeus, 1758)<sup>32</sup>  
*Oebalus pugnax* (Fabricius, 1775)<sup>32</sup>  
*Perillus bioculatus* (Fabricius, 1775)<sup>32</sup>  
*Piezodorus guildinii* (Westwood, 1837)<sup>41</sup>  
*Podisus maculiventris* (Say, 1832)<sup>32</sup>  
*Podisus placidus* Uhler, 1870<sup>32</sup>  
*Prionosoma podopioidea* Uhler, 1863<sup>32</sup>  
*Proxys punctulatus* (Palisot de Beauvois, 1818)<sup>32</sup>  
*Stiretrus anchorago* (Fabricius, 1781)<sup>32</sup>  
*Thyanta calceata* (Say, 1832)<sup>32</sup>  
*Thyanta custator accerra* McAtee, 1919<sup>32</sup>  
*Trichopepla semivittata* (Say, 1832)<sup>32</sup>
- Pleidae** (1)  
*Neoplea striola* (Fieber, 1844)<sup>32</sup>
- Reduviidae** (40)  
*Apiomerus crassipes* (Fabricius, 1803)<sup>42</sup>  
*Apiomerus spissipes* (Say, 1825)<sup>32</sup>  
*Arilus cristatus* (Linnaeus, 1763)<sup>7</sup>  
*Barce fraterna* (Say, 1832)<sup>7</sup>  
*Ctenotrachelus shermani* Barber, 1930<sup>3</sup>  
*Diaditus tejanus* Giacchi, 1980<sup>42</sup>  
*Emesaya brevipennis brevipennis* (Say, 1828)<sup>7</sup>  
*Empicoris errabundus* (Say, 1832)<sup>17</sup>  
*Empicoris rubromaculatus* (Blackburn, 1889)<sup>17</sup>  
*Fitchia spinosula* Stål, 1872<sup>37</sup>
- Gnathobleda litigiosa* Stål, 1872<sup>33</sup>  
*Lophoscutus prehensilis* (Fabricius, 1803)<sup>32</sup>  
*Melanolestes picipes* (Herrich-Schaeffer, 1846)<sup>42</sup>  
*Microtomus purcis* (Drury, 1782)<sup>7</sup>  
*Narvesus carolinensis* Stål, 1859<sup>8</sup>  
*Oncerotrachelus acuminatus* (Say, 1832)<sup>8</sup>  
*Oncocephalus geniculatus* (Stål, 1872)<sup>7</sup>  
*Phymata americana americana* Melin, 1930<sup>32</sup>  
*Phymata pennsylvanica* Handlirsch, 1897<sup>32</sup>  
*Ploiaria carolina* (Herrich-Schaeffer, 1850)<sup>17</sup>  
*Ploiaria hirticornis* (Banks, 1909)<sup>17</sup>  
*Pnirontis languida* Stål, 1859<sup>42</sup>  
*Pnirontis modesta* Banks, 1910<sup>7</sup>  
*Pselliopus barberi* Davis, 1912<sup>7</sup>  
*Pselliopus cinctus* (Fabricius, 1776)<sup>42</sup>  
*Pselliopus latifasciatus* Barber, 1924<sup>42</sup>  
*Pygolampus pectoralis* (Say, 1832)<sup>7</sup>  
*Rasahus hamatus* (Fabricius, 1781)<sup>7</sup>  
*Rhiginia cruciata* (Say, 1832)<sup>8</sup>  
*Rocconota annulicornis* (Stål, 1872)<sup>7</sup>  
*Saica elkinsi* Blinn, 1994<sup>5</sup>  
*Sinea diadema* (Fabricius, 1776)<sup>32</sup>  
*Sinea spinipes* (Herrich-Schaeffer, 1846)<sup>32</sup>  
*Sirthenea stria carinata* (Fabricius, 1798)<sup>15</sup>  
*Stenopoda spinulosa* Giacchi, 1969<sup>42</sup>  
*Triatoma sanguisuga* (Leconte, 1856)<sup>32</sup>  
*Zelus cervicalis* Stål, 1872<sup>7</sup>  
*Zelus luridus* Stål, 1862<sup>32</sup>  
*Zelus renardii* Kolenati, 1856<sup>42</sup>  
*Zelus tetracanthus* Stål, 1862<sup>40</sup>
- Rhopalidae** (9)  
*Arhyssus lateralis* (Say, 1825)<sup>32</sup>  
*Arhyssus nigristernum* (Signoret, 1859)<sup>32</sup>  
*Aufeius impressicollis* Stål, 1870<sup>32</sup>  
*Boisea trivittata* (Say, 1825)<sup>16</sup>  
*Harmostes fraterculus* (Say, 1832)<sup>8</sup>  
*Harmostes reflexulus* (Say, 1832)<sup>32</sup>  
*Jadera haematoloma* (Herrich-Schaeffer, 1847)<sup>8</sup>  
*Liorhyssus hyalinus* (Fabricius, 1794)<sup>32</sup>  
*Niesthrea louisianica* Sailer, 1961<sup>32</sup>
- Rhyparochromidae** (24)  
*Antillocoris pilosulus* (Stål, 1874)<sup>32</sup>  
*Atrazonotus umbrosus* (Distant, 1893)<sup>8</sup>  
*Botocudo modestus* (Barber, 1948)<sup>32</sup>  
*Carpilis barberi* (Blatchley, 1924)<sup>47</sup>  
*Cryphula trimaculata* (Distant, 1882)<sup>14</sup>  
*Cnemodus mavortius* (Say, 1832)<sup>32</sup>  
*Heraeus plebejus* Stål, 1874<sup>18</sup>  
*Kolenetrus plenus* (Distant, 1882)<sup>40</sup>  
*Ligyrocoris diffusus* (Uhler, 1871)<sup>32</sup>  
*Malezonotus rufipes* (Stål, 1874)<sup>32</sup>  
*Megalonotus sabulicola* (Thomson, 1870)<sup>10</sup>

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- Myodocha serripes* Oliver, 1811<sup>35</sup>  
*Neopamera albocincta* (Barber, 1953)<sup>7</sup>  
*Neopamera bilobata* (Say, 1832)<sup>7</sup>  
*Ozophora picturata* Uhler, 1871<sup>8</sup>  
*Paromius longulus* (Dallas, 1852)<sup>8</sup>  
*Prytanes fuscicornis* (Stål, 1874)<sup>32</sup>  
*Prytanes intercisus* (Barber, 1932)<sup>32</sup>  
*Pseudopachybrachius basalis* (Dallas, 1852)<sup>7</sup>  
*Pseudopachybrachius vinctus* (Say, 1832)<sup>11</sup>  
*Ptochiomera nodosa* Say, 1832<sup>47</sup>  
*Sisamnes claviger* (Uhler, 1895)<sup>47</sup>  
*Sisamnes contractus* Distant, 1893<sup>47</sup>  
*Xestocoris nitens* Van Duzee, 1906<sup>40</sup>
- Saldidae** (4)  
*Micracanthia humilis* (Say, 1832)<sup>32</sup>  
*Pentacora ligata* (Say, 1832)<sup>38</sup>  
*Pentacora ouachita* Polhemus, 1993<sup>38</sup>  
*Saldula pallipes* (Fabricius, 1794)<sup>32</sup>
- Schizopteridae** (2)  
*Corixidea major* McAtee & Malloch, 1925<sup>31</sup>  
*Glyptocombus saltator* Heidemann, 1906<sup>2</sup>
- Scutelleridae** (7)  
*Acantholomidea denticulata* (Stål, 1870)<sup>4</sup>  
*Acantholomidea porosa* (Germar, 1839)<sup>21</sup>  
*Diolcus chrysorrhoeus* (Fabricius, 1803)<sup>32</sup>  
*Homaemus bijugis* Uhler 1872<sup>4</sup>  
*Homaemus parvulus* (Germar, 1839)<sup>32</sup>  
*Stethaulax marmorata* (Say, 1832)<sup>4</sup>  
*Tetyra bipunctata* (Herrich-Schaeffer, 1839)<sup>4</sup>
- Thyreocoridae** (10)  
*Corimelaena harti* Malloch, 1919<sup>36</sup>  
*Corimelaena lateralis lateralis* (Fabricius, 1803)<sup>36</sup>  
*Corimelaena marginella* Dallas, 1851<sup>36</sup>  
*Corimelaena obscura* McPherson & Sailer, 1978<sup>36</sup>  
*Corimelaena pulicaria* (Germar, 1839)<sup>32</sup>  
*Galgupha aterrima* Malloch, 1919<sup>36</sup>  
*Galgupha atra* Amyot & Serville, 1843<sup>36</sup>  
*Galgupha carinata* McAtee & Malloch, 1933<sup>36</sup>  
*Galgupha loboprostethia* Sailer, 1940<sup>32</sup>  
*Galgupha ovalis* Hussey, 1925<sup>32</sup>
- Tingidae** (15)  
*Acalypta lillianus* Torre-Bueno, 1916<sup>1</sup>  
*Acalypta susanae* Allen *et al.*, 1988<sup>1</sup>  
*Atheas mimeticus* Heidemann, 1909<sup>32</sup>  
*Corythucha aesculi* Osborn & Drake, 1916<sup>32</sup>  
*Corythucha arcuata* (Say, 1832)<sup>7</sup>  
*Corythucha ciliata* (Say, 1832)<sup>7</sup>  
*Corythucha cydoniae* (Fitch, 1861)<sup>32</sup>  
*Corythucha marmorata* (Uhler, 1878)<sup>7</sup>  
*Gargaphia solani* Heidemann, 1914<sup>32</sup>  
*Leptopharsa clitoriae* (Heidemann, 1911)<sup>32</sup>  
*Leptopharsa heidemanni* (Osborn & Drake, 1916)<sup>32</sup>

- Leptopharsa oblonga* (Say, 1825)<sup>32</sup>  
*Leptoypha costata* Parshley, 1917<sup>32</sup>  
*Leptoypha mutica* (Say, 1832)<sup>7</sup>  
*Teleonemia nigrina* Champion, 1898<sup>32</sup>

**Veliidae** (5)

- Microvelia americana* (Uhler, 1884)<sup>32</sup>  
*Microvelia hinei* Drake, 1920<sup>32</sup>  
*Microvelia pulchella* Westwood, 1834<sup>32</sup>  
*Rhagovelia knighti* Drake & Harris, 1927<sup>32</sup>  
*Steinovelia stagnalis* (Burmeister, 1835)<sup>26</sup>

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

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

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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<sup>(\*)</sup> is in need of verification; the black bug (Thyreocoridae) *Galgupha nitiduloides nitiduloides* is excluded because although listed for Arkansas in the subspecies list in<sup>32</sup>, 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.

**Acknowledgments:**

I thank the following individuals for overall consultation plus specific families: Dan Swanson, Reduviidae and others (University of Illinois, at Urbana-Champaign); Thomas Henry, Miridae and others (United States National Museum, Washington DC) and further thank both for general nomenclatural edits and multiple superb content suggestions on an early draft of this manuscript. I thank all individuals whose tireless efforts help document Arkansas bugs, notably: Matt Connior, George Harp, Peter Kovarik, Chris McAllister, Henry Robison, Renn Tumilson and others. I also take full ownership for any inaccuracies or omissions.

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