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## A List of the Leaf Hoppers (Cicadellidea) in the Iowa Insect Survey Collection

Carroll Padley  
*Iowa Wesleyan College*

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A LIST OF THE LEAF HOPPERS (CICADELLIDAE) IN  
THE IOWA INSECT SURVEY COLLECTION

CARROLL PADLEY

The homopterous family, Cicadellidae, may be distinguished from its closely related allies the Membracidae and Cercopidae by the presence of a double row of spines on the hind tibiae.

The leafhoppers are popularly known as pests of grains and grasses, but their injury is by no means confined to these crops, for there is scarcely a plant of agricultural importance that is not seriously injured by them. Many species rank high as garden, orchard, and vineyard pests. The nature of their injury is loss of sap, destruction of chlorophyl, serious contortions of foliage, and the transmission of plant diseases.

By consulting the Iowa Insect Survey, which consists of specimens collected by students and others throughout the state, we find the following list of leafhoppers represented. The numbers are taken from "Catalogue of Hemiptera" by Van Duzee.

We are indebted to P. W. Oman of the U. S. National Museum for many of the determinations.

1762 <i>Agallia novella</i> (Say)	1854a <i>Cicadella dolobrata</i> (Ball)
1764 <i>Agallia</i> 4 <i>punctata</i> Prov.	1855 <i>Cicadella gothica</i> (Sign)
1765 <i>Agallia constricta</i> Van D.	1859 <i>Kolla befida</i> (Say)
1767 <i>Agallia sanguinolenta</i> (Prov.)	1863 <i>Helochara communis</i> Fitch
1767-1 <i>Agallia accola</i> Oman	1864 <i>Graphocephala coccinea</i>
1768 <i>Agallia uhleri</i> Van D.	(Forst)
1774-3 <i>Osbornellus auronitens</i> Prov.	1873 <i>Draeculacephala angulifera</i>
1774-4 <i>Osbornellus consors</i> Uhl.	(Walk)
1779 <i>Idiocerus suturalis</i> Fitch	1874 <i>Draeculacephala mollipes</i>
1780 <i>Idiocerus duzei</i> Prov.	(Say)
1781 <i>Idiocerus alternatus</i> Fitch	1875 <i>Draeculacephala minor</i> (Walk)
1782 <i>Idiocerus verticis</i> (Say)	1879 <i>Draeculacephala noveboracensis</i>
1792 <i>Idiocerus moniliferae</i> O. & B.	Van D.
1797 <i>Idiocerus snowi</i> G. & B.	1879-1 <i>Draeculacephala prasina</i>
1809 <i>Macropsis viridis</i> (Fitch)	Walk
1821 <i>Macropsis trimaculata</i> (Fitch)	1879-2 <i>Draeculacephala paludosa</i>
1821-1 <i>Macropsis insignis</i> Van D.	B. C.
1833 <i>Oncopsis distinctus</i> (Van D.)	1881-5 <i>Agellus neglectus</i> DeL. & O.
1846 <i>Oncometopia undata</i> (Fabr.)	1894 <i>Penthimia americana</i> Fitch
1847 <i>Oncometopia lateralis</i> (Fabr.)	1897 <i>Gypona 8-lineata</i> Say
1854 <i>Cicadella hieroglyphica</i> (Say)	1904 <i>Gypona striata</i> Burm.

- 1908 *Gypona unicolor* Stal. 2132 *Limotettix striolus* (Fall)  
 1915 *Gyponacitrina* Spangh. 2134 *Euscelis extrusus* (Van D.)  
 1923 *Gypona scarlatina* Fitch 2139 *Ophiola anthracina* (Van D.)  
 1930 *Xerophaloea viridis* (Fabr.) 2151 *Euscelis comma* (Van D.)  
 1931 *Xerophaloea major* Bak. 2156 *Amblysellus curtisii* (Fitch)  
 1940 *Xestosephalus pulicarius* 2159-4 *Ophiola osborni* Ball  
     Van D. 2179-1 *Norvellins chemopodii* Osb.  
 1947 *Dorycephalus playtyrhynchus* 2179 *Norvellina seminuda* (Say)  
     Osborne 2181 *Eutettix strobi* (Fitch)  
 1955 *Parabolocratus viridis* (Uhl.) 2194-3 *Drylix parrallus* Van D.  
 1956 *Parabolocratus major* Osb. 2197 *Phlepsius excultus* (Uhl.)  
 1972 *Mesamia nigridorsum* Ball 2200 *Phlepsius areolatus* Bak.  
 1979 *Scaphoideus fasciatus* Osb. 2201 *Phlepsius decorus* O. & B.  
 1981 *Scaphoideus neglectus* Osb. 2226 *Phlepsius fuscipennis* Van D.  
 1983 *Scaphoideus auronitens* Prov. 2227 *Phlepsius turpiculus* Ball  
 1990 *Scaphoideus orhraceus* Osb. 2228 *Phlepsius irroratus* (Say)  
 1996 *Scaphoideus immistus* (Say) 2231 *Phlepsius truncatus* Van D.  
 1996a *Scaphoideus minor* Osb. 2246 *Phlepsius solidaginis* (Walk)  
 2014 *Platymetopius acutus* (Say) 2249 *Acinopterus acuminatus* Van D.  
 2019 *Platymetopius cinereus* O. & B. 2251 *Thamnotettix kennicotti* (Uhl.)  
 2023 *Platymetopius frontalis* Van D. 2265 *Thamnotettix clitellarius* (Say)  
 2029 *Platymetopius magdalensis* 2269 *Thamnotettix collaric* Ball  
     Prov. 2285 *Thamnotettix longulus* G. & B.  
 2031-3 *Amphipyga occidentalis* Bak. 2307 *Thamnotettix decipiens* Prov.  
 2031-4 *Amphipyga acuticauda* Bak. 2312 *Thamnotettix fitchii* Van D.  
 2039 *Flexamia inflatus* O. & B. 2314 *Thamnotettix nigrifrons*  
 2041 *Deltocephalus sandersi* Osb. (Forbes)  
 2041½ *Flexamia pectinata* O. & B. 2323-3 *Menosoma cincta* O. & B.  
 2044 *Flexamia reflexus* O. & B. 2324 *Chlorotettix unicolor* (Fitch)  
 2051 *Latalus configuratus* Uhl. 2326 *Chlorotettix spatulatus* O. & B.  
 2053 *Latalus sayi* (Fitch) 2329 *Chlorotettix viridius* Van D.  
 2054½ *Latalus misellus* Ball 2330 *Chlorotettix nacreosus* Crmb.  
 2065 *Deltocephalus flavicosta* Stal. 2331 *Chlorotettix galbanatus* Van D.  
 2066 *Hebecephalus signatifrons* 2339½ *Polyamia weedi* Van D.  
     Van D. 2339¾ *Polyamia inimica* (Say)  
 2079 *Laevicephalus affinis* G. & B. 2340 *Jassus olitorius* Say  
 2080 *Laevicephalus unicoloratus* 2356 *Cicadula punctifrons* (Fall)  
     G. & B. 2358 *Cicadula variata* (Fall)  
 2083 *Laevicephalus sylvestris* 2359 *Cicadula lepida* Van D.  
     O. & B. 2364 *Cicadula divisa* (Uhl.)  
 2083¼ *Laevicephalus striatus* (FH) 2369 *Cicadula potoria* Ball  
 2083½ *Laevicephalus uhleri* Oman 2369-3 *Commellus comma* Van D.  
 2090 *Amplicephalus osborni* Van D. 2370 *Balclutha punctata* (Thunb.)  
 2126 *Driotura gammaroides* 2386 *Dikraneura mali* (Prov.)  
     (Van D.) 2393 *Dikraneura feberi* (Loew)  
 2128-5 *Nesosteles neglectus* 2393-1 *Dikraneura angustata*  
     DeL. & D. B. & DeL.  
 2129 *Remodosus magnus* O. & B. 2398 *Empoasca obtusa* Walsh  
 2131 *Exitianus obscurinervis* Stal. 2412-2 *Empoasca patula* DeL.  
 2131-1 *Opsius stactogalus* Fieb. 2418 *Empoasca alboneura* Gill.

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CICADELLIDAE IN IOWA COLLECTION

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| 2421-1 <i>Empoasca panda</i> DeL.                | 2445c <i>Erythroneura comes</i> vitis<br>(Harr.)   |
| 2421-2 <i>Empoasca fabae</i> (Harris)            |  |
| 2424 <i>Empoasca birdii</i> Godg.                | 2445d <i>Erythroneura comes</i> basilaris<br>(Say) |
| 2424½ <i>Empoasca recurvata</i> Deb.             |  |
| 2424-2 <i>Empoasca erigeran</i> DeL.             | 2447 <i>Erythroneura obliqua</i> Say               |
| 2425 <i>Empoasca malefica</i> (Walsh)            | 2448 <i>Erythroneura vulnerata</i> Fitch           |
| 2428-1 <i>Typhlocyba pomaria</i> McA.            | 2448½ <i>Erythroneura fulvocephala</i><br>Rob.     |
| 2439-1 <i>Hymetta distincta</i> (Fairb.)         | 2448-3 <i>Erythroneura lawsoniana</i><br>Baker     |
| 2441 <i>Erythroneura tricincta</i> Fitch         |  |
| 2445a <i>Erythroneura comes vitifix</i><br>Fitch | 2451½ <i>Erythroneura kansana</i> Bak.             |

DEPARTMENT OF BIOLOGY,  
IOWA WESLEYAN COLLEGE,  
MT. PLEASANT, IOWA.