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

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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 chlorophyll, 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.
 1915 *Gyponacitrina* Spangh.
 1923 *Gypona scarlatina* Fitch
 1930 *Xerophaloea viridis* (Fabr.)
 1931 *Xerophaloea major* Bak.
 1940 *Xestoccephalus pulicarius*
 Van D.
 1947 *Dorycephalus playtyrhnchus*
 Osborne.
 1955 *Parabolocratus viridis* (Uhl.)
 1956 *Parabolocratus major* Osb.
 1972 *Mesamia nigridorsum* Ball
 1979 *Scaphoideus fasciatus* Osb.
 1981 *Scaphoideus neglectus* Osb.
 1983 *Scaphoideus auronitens* Prov.
 1990 *Scaphoideus orhraceus* Osb.
 1996 *Scaphoideus immistus* (Say)
 1996a *Scaphoideus minor* Osb.
 2014 *Platymetopius acutus* (Say)
 2019 *Platymetopius cinereus* O. & B.
 2023 *Platymetopius frontalis* Van D.
 2029 *Platymetopius magdalensis*
 Prov.
 2031-3 *Amphipyga occidentalis* Bak.
 2031-4 *Amphipyga acuticauda* Bak.
 2039 *Flexamia inflatus* O. & B.
 2041 *Deltocephalus sandersi* Osb.
 2041½ *Flexamia pectinata* O. & B.
 2044 *Flexamia reflexus* O. & B.
 2051 *Latalus configuratus* Uhl.
 2053 *Latalus sayi* (Fitch)
 2054½ *Latalus misellus* Ball
 2065 *Deltocephalus flavicosta* Stal.
 2066 *Hebecephalus signatifrons*
 Van D.
 2079 *Laevicephalus affinis* G. & B.
 2080 *Laevicephalus unicoloratus*
 G. & B.
 2083 *Laevicephalus sylvestris*
 O. & B.
 2083¼ *Laevicephalus striatus* (FH)
 2083½ *Laevicephalus uhleri* Oman
 2090 *Amplicephalus osborni* Van D.
 2126 *Driotura gammaroides*
 (Van D.)
 2128-5 *Nesosteles neglectus*
 DeL. & D.
 2129 *Remodosus magnus* O. & B.
 2131 *Exitianus obscurinervis* Stal.
 2131-1 *Opsius stactogalus* Fieb.
 2132 *Limotettix striolus* (Fall)
 2134 *Euscelis extrusus* (Van D.)
 2139 *Ophiola anthracina* (Van D.)
 2151 *Euscelis comma* (Van D.)
 2156 *Amblysellus curtisii* (Fitch)
 2159-4 *Ophiola osborni* Ball
 2179-1 *Norvellins chemopodii* Osb.
 2179 *Norvellina seminuda* (Say)
 2181 *Eutettix strobi* (Fitch)
 2194-3 *Drylix parrallus* Van D.
 2197 *Phlepsius excultus* (Uhl.)
 2200 *Phlepsius areolatus* Bak.
 2201 *Phlepsius decorus* O. & B.
 2226 *Phlepsius fuscipennis* Van D.
 2227 *Phlepsius turpiculus* Ball
 2228 *Phlepsius irroratus* (Say)
 2231 *Phlepsius truncatus* Van D.
 2246 *Phlepsius solidaginis* (Walk)
 2249 *Acinopterus acuminatus* Van D.
 2251 *Thamnotettix kennicotti* (Uhl.)
 2265 *Thamnotettix clitellarius* (Say)
 2269 *Thamnotettix collaric* Ball
 2285 *Thamnotettix longulus* G. & B.
 2307 *Thamnotettix decipiens* Prov.
 2312 *Thamnotettix fitchii* Van D.
 2314 *Thamnotettix nigrifrons*
 (Forbes)
 2323-3 *Mesosoma cincta* O. & B.
 2324 *Chlorotettix unicolor* (Fitch)
 2326 *Chlorotettix spatulatus* O. & B.
 2329 *Chlorotettix viridius* Van D.
 2330 *Chlorotettix nacreosus* Crmb.
 2331 *Chlorotettix galbanatus* Van D.
 2339⅔ *Polyamia weedi* Van D.
 2339¾ *Polyamia inimica* (Say)
 2340 *Jassus olitorius* Say
 2356 *Cicadula punctifrons* (Fall)
 2358 *Cicadula variata* (Fall)
 2359 *Cicadula lepida* Van D.
 2364 *Cicadula divisa* (Uhl.)
 2369 *Cicadula potoria* Ball
 2369-3 *Commellus comma* Van D.
 2370 *Balclutha punctata* (Thunb)
 2386 *Dikraneura mali* (Prov.)
 2393 *Dikraneura feberi* (Loew)
 2393-1 *Dikraneura angustata*
 B. & DeL.
 2398 *Empoasca obtusa* Walsh
 2412-2 *Empoasca patula* DeL.
 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 vitis</i>
(Harr.) |
| 2421-2 <i>Empoasca fabae</i> (Harris) | |
| 2424 <i>Empoasca birdii</i> Godg. | 2445d <i>Erythroneura comes basilaris</i>
(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>
Rob. |
| 2439-1 <i>Hymetta distincta</i> (Fairb.) | 2448-3 <i>Erythroneura lawsoniana</i>
Baker |
| 2441 <i>Erythroneura tricincta</i> Fitch | |
| 2445a <i>Erythroneura comes vitifix</i>
Fitch | 2451½ <i>Erythroneura kansana</i> Bak. |

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