



Driftless Prairies: Native Ecosystems

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Hemiptera – True Bugs, Cicadas, Hoppers, Aphids & Allies

Hemiptera (True Bugs, Cicadas, Hoppers, Aphids)

Hemiptera are called True Bugs and although the term “bug” is used to refer to most any insect, its proper use is for this group of insects. True bugs have syringe-like beaks that suck the liquified insides from their prey.

Hemiptera are mostly plant eaters but there’s always exceptions: some are predators, some are ectoparasites, and some are fungi feeders. You can find these insects in nearly every habitat. They are considered to be mostly host specific (need a specific plant to rear their young), yet we do not clearly understand all their relationships and behaviors. Each instar can require a certain host, and without it would not mature to the next instar. This makes it doubly important to note the plant a Hemiptera is feeding on when photographing or collecting.

Most Hemiptera overwinter as adults and a few overwinter as eggs or larvae. The shape of their eggs varies. The outside covering is dependent upon where the egg is laid. Those laid in the open have a thick outer membrane and are ornately formed while those laid in plant tissue or tight crevices are soft and drawn out. Most species lays a certain number of eggs in a certain pattern but there are a few species that lay single eggs.

[Introduction to Hemiptera Video](#)

List - Updated May 2024

Acanaloniidae (Planthoppers)

[Acanalonia bivittata](#)

[Acanalonia conica](#)

Alydidae (Broad-headed Bugs)

[Alydus eurinus](#)

Aphididae (Aphids)

[Eriosomatinae](#)

[Myzocallis](#)

[Myzocallis asclepiadis](#)

[Uroleucon](#)

Aphrophoridae (Typical Spittlebugs)

Aphrophora cribrata

[Philaenus spumarius](#)

Belostomatidae (Giant Water Bugs)

[Lethocerus americanus](#)

Berytidae (Stilt Bugs)

Jalysus spinosus

Neoneides muticus

Cercopidae – (Spittlebugs)

Prosapia bicincta

Cicadellidae (Leafhoppers)

Aphrodes

Athysanus argentarius

Ceratagallia

Colladonus clitellarius

Draeculacephala

Draeculacephala antica

Draeculacephala robinsoni

Empoa casta

Empoasca

Empoasca fabae

Errastunus ocellaris

Evacanthus

Graphocephala

Graphocephala fennahi

Graphocephala gothica

Graphocephala teliformis

Gyponana

Gyponana gladia

Gyponana octolineata

Idiodonus kennecottii

Jikradia olitoria

Limotettix subgenus schleroracus (maybe kryptus)

Macropsis

Macrosteles

Osbornellus

Osbornellus auronitens limosus or rotundus

Ossiannilssonola phryne

Paraphlepsius irroratus

Ponana limbatipennis

Ponana pectoralis

Prescottia lobata

Rugosana querci

Scaphoideus

Scaphoideus obtusus

Scaphytopius frontalis

Scaphytopius subgenus Cloanthanus

Tylozygus bifidus

Typhlocyba subgenus empoa

Cicadidae (Cicadas)

Neotibicen canicularis

Clastopteridae (Froghoppers)

Clastoptera

Clastoptera obtusa

Clastoptera proteus

Coreidae (Leaf-footed Bugs)

Acanthocephala terminalis

Anasa tristis

Leptoglossus occidentalis

Piezogaster

Corixidae (Water Boatmen)

Hesperocorixa

Trichocorixa

Cydnidae (Burrowing Bugs)

Amnestus

Amnestus pusillus

Delphacidae (Delphacid Planthoppers)

[Chionomus puellus](#)

[Liburniella ornata](#)

[Stenocranus lautus](#)

Derbidae (Derbid Planthoppers)

[Cedusa](#)

Dictyopharidae (Dictyopharid Planthoppers)

[Scolops sulcipes](#)

Flatidae (Flatid Planthoppers)

[Metcalfa pruinosa](#)

Gerridae (Water Striders)

[Aquarius remigis](#)

Lygaeidae (Seed Bugs)

[Kleidocerys resedae](#)

[Lygaeus turcicus](#)

[Neacoryphus bicrucis](#)

[Neortholomus scolopax](#)

[Nysius](#)

[Oncopeltus fasciatus](#)

Membracidae (Treehoppers)

Acutalis tartarea

Atymna helena

Atymna inornata

Atymna querci

Cyrtolobus

Cyrtolobus aureus

Cyrtolobus fenestratus

Cyrtolobus fuscipennis

Cyrtolobus griseus

Cyrtolobus maculifrontis

Cyrtolobus pallidifrontis

Cyrtolobus pictus

Cyrtolobus vau

Enchenopa

Enchenopa binotata

Entylia carinata

Heliria gibberata

Ophiderma

Ophiderma definita

Ophiderma flava

Ophiderma pubescens or definita

Publilia concava

Publilia reticulata

Stictocephala

Stictocephala bisonia

Stictocephala diceros

Telamona

Telamona tiliae

Telamona decorata

Telamona excelsa

Telamona reclinata

Telamona tarda

Mesoveliidae (Water treaders)

Mesovelia mulsanti

Miridae (Plant Bugs)

Adelphocoris lineolatus

Fulvius imbecilis

Hyaliodes harti

Ilnacora

Lygus lineolaris

Metriorrhynchomiris dislocatus

Neurocolpus

Paraxenetus guttulatus

Phytocoris depictus

Phytocoris tibialis

Plagiognathus

Poecilocapsus lineatus

Porpomiris curtulus

Sericophanes heidemanni

Stenodema vicinum

Stenotus binotatus

Trigonotylus caelestialium

Notonectidae (Backswimmers)

Buenoa

Pentatomidae (Stink Bugs)

Banasa calva

Banasa sordida

Chinavia hilaris

Cosmopepla lintneriana

Euschistus servus

Euschistus variolarius

Euschistus-type

Perillus bioculatus

[Trichopepla atricornis](#)

Reduviidae (Assassin Bugs)

[Empicoris errabundus](#)

[Melanolestes picipes](#)

[Phymata americana](#)

[Phymata pennsylvanica](#)

[Sinea diadema](#)

[Zelus luridus](#)

Rhopalidae (Scentless Plant Bugs)

[Arhyssus nigristernum](#)

[Boisea trivittata](#)

[Stictopleurus punctiventris](#)

Rhyparochromidae (Dirt colored Seed Bugs)

[Heraeus plebejus](#)

[Ligyrocoris diffusus](#)

[Perigenes constrictus](#)

[Sphragisticus nebulosus](#)

Thyreocoridae (Negro Bugs)

[Corimelaena](#)

Tingidae (Lace Bugs)

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