

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

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.

These are arranged alphabetically by family and then by species within the family. This is for ease of use. The information I have gathered on the Hemiptera have come from the [references](#) on this page.

Acanaloniidae (Planthoppers)

Acanalonia bivittata – Two-striped Planthopper

Acanalonia conica – Green Coneheaded Planthopper

Alydidae (Broad-headed Bugs)

Alydus eurinus

Aphididae (Aphids)

Myzocallis asclepiadis

Uroleucon nigrotuberculatum – Red Goldenrod Aphid

Woolly Aphids – Subfamily Eriosomatinae

Belostomatidae (Giant Water Bugs)

Lethocerus americanus – Giant Water Bug

Berytidae (Stilt Bugs)

Jalysus spinosus or *wickhami*

Cercopidae – (Spittlebugs)

Aphrophora cribrata – Pine Spittlebug

Lepyronia sp

Philaenus spumarius – Meadow Spittlebug

Spittle masses of the larvae

Cicadellidae (Leafhoppers)

Aphrodes sp

Athysanus argentarius – Silver Leafhopper

Coelidia olitoria

Colladonus clitellarius – Saddleback Leafhopper

Fieberiella florii – Privet Leafhopper

Graphocephala teliformis

Gyponana octolineata – Eight-lined Leafhopper

Gyponana procera

Latalus ocellaris

Neokolla hieroglyphica

Paraphlepsius irroratus – Irrorate Leafhopper

Ponana pectoralis

Prescottia lobata

Scaphytopius acutus – Sharp-nosed Leafhopper

Scaphytopius frontalis – Yellowfaced Leafhopper

Cicadidae (Cicadas)

Tibicen canicularis – Dog Day Cicada

Clastopteridae (Froghoppers)

Clastoptera obtusa – Alder Spittlebug

Coreidae (Leaf-footed Bugs)

Acanthocephala terminalis

Anasa tristis – Squash bugs

Euthochtha galeator – Helmeted Squash Bug

Leptoglossus occidentalis – Western Conifer Seed Bug

Piezogaster sp

Corixidae (Water Boatmen)

Hesperocorixa sp

Trichocorixa sp

Dictyopharidae (Dictyopharid Planthoppers)

Scolops sulcipes – Partridge Bug

Flatidae (Flatid Planthoppers)

Metcalfa pruinosa – Citrus Flatid Planthopper

Gerridae (Water Striders)

Aquarius remigis

Lygaeidae (Seed Bugs)

Lygaeus turcicus -False Milkweed Bug

Lygaeus Kalmii – Small Eastern Milkweed Bug

Neortholomus scolopax

Membracidae (Treehoppers)

Acutalis tartarea

Atymna inornata

Atymna querci

Ceresa diceros – Two-horned Treehopper

Ceresa taurina – Buffalo Treehopper

Cyrtolobus maculifrontis

Cyrtolobus vau

Enchenopa binotata – Thorn Mimic Treehopper

Entylia carinata

Heliria gibberata

Publilia concava

Telamona monticola – Smiliine Treehopper

Telamona spreta

Vanduzea sp-cf-arquata

Miridae (Plant Bugs)

Adelphocoris lineolatus – Alfalfa Plant Bug

Blepharidopterus provancheri

Fulvius imbecilis

Hyaliodes harti

Lygus lineolaris – Tarnished Plant Bug

Megaloceroea relicticornis

Metriorrhynchomiris dislocatus

Neurocolpus nubilus group

Paraxenetus guttulatus

Plagiognathus fuscus

Phytocoris tibialis

Poecilopsus lineatus – Four-lined Plant Bug

Sericophanes heidemanni

Stenodema vicinum

Notonectidae (Backswimmers)

Buena sp

Pentatomidae (Stink Bugs)

Banasa calva

Banasa sordida

Chinavia hilaris – Green Stink Bug

Cosmopepla lintneriana – Twice stabbed Stink Bug

Euschistus servus – Brown Stink Bug

Euschistus variolarius – One spotted Stink Bug

Holcostethus limbolarius

Perillus bioculatus -Two spotted Stink Bug

Trichopepla atricornis

Reduviidae (Assassin Bugs)

Phymata americana – Jagged Ambush Bugs

Phymata fasciata

Reduvius personatus – Masked Hunter

Sinea diadema – Spined Assassin Bug

Zelus luridus

Rhopalidae (Scentless Plant Bugs)

Arhyssus nigristernum

Boisea trivittata – Eastern Box Elder bug

Stictopleurus punctiventris

Rhyparochromidae (Dirt colored Seed Bugs)

Ligyrocoris diffusus

Sphragisticus nebulosus

Thyreocoridae (Negro Bugs)

Corimelaena sp

Tingidae (Lace Bugs)

Corythucha marmorata – Chrysanthemum Lace Bug