

Insect List for Antioch Dunes National Wildlife Refuge
Invertebrates observed or collected (1/95 - 6/97)
Arranged alphabetically for ease of reference

Order Coleoptera (Beetles)

Family Alleculidae
Lopopoda sp.

Family Anthicidae
Anthicus biguttulus
*Formicilla sp. **

Family Buprestidae
*Acmaeodera sp. **
Agrilus sp.

Family Carabidae
Agonoderus sp.
Agonum marginicolle
Amara sp.
Harpalus sp. @
Pterostichus sp. @
Scaphinotus striatopunctatus @
Stenolophus maculatus

Family Chrysomelidae
Altica lasulina
Diabrotica undecimpunctata
Monoxia consputa @

Family Coccinellidae
Coccinella californica
Coccinella septempunctata
Hippodamia convergens
Hippodamia quinquesignata
Olla v-nigrum
Psyllobora vigintimaculata
*Stethorus punctum picipes **
Undetermined taxa

Family Curculionidae
Apion proclive
Paragoges maculata
*Sphenophorus aequalis **
Tychius sp. @
Undetermined taxa

Family Dermestidae
Anthrenus sp. @

Family Dytiscidae
*Colymbetes sp. **
Laccophilus decipiens
Thermonectus basillaris

Family Elateridae
*Agriotes sp. **
Euthysanius sp.

Family Heteroceridae
Heterocerus sp.
*Orthellia caesarion **

Family Hydrophilidae
Enochrus diffusus
Tropisternus lateralis
Tropisternus sp.

Family Meloidae
*Lytta sp. **
Nemognatha lurida apicalis

Family Scarabaeidae
Aphodius sp. @
Coenonycha sp.
Cyclocephala sp.
Plectrodes pubescens @
Polyphylla stellate
*Serica anthracina **

Family Tenebrionidae
Amphidora littoralis @
Blapstinus sp. @
Coniontis sp.
Eleodes sp.
Eulabis bicarinata
Nyctoporis sp. @

Order Dermaptera (Earwigs)

Family Forficulidae
Forficula auricularia

Order Diptera (Flies)

Family Anthomyiidae
Adia cinerella

Family Anthomyzidae
Anthomyza sp. @

Family Apioceridae
*Apiocera chrysolasia **

Family Asilidae
Asilus sp.
*Efferia albibarbis**
*Efferia antiochi **
*Efferia cana**
*Stenopogon brevisculus **
*Stenopogon obscuriventris *@*

Family Bibionidae
Bibio albipennis *

Family Bombyliidae
Aphoebanius sp. *
Bombylius sp. *
Hemipenthes sp. *
Thyridanthrax sp. *
Toxophora sp. *
Villa sp.
Undetermined taxon

Family Calliphoridae
Eucalliphora lilaea
Phaenicia serricata
Family Cecidomyiidae
Cordylomyia sp. *

Family Chironomidae
Chironomus decorus
Chironomus staegeri
Hydrobaenus sp.
Procladius sp. *
Symbiocladius equitans @

Family Conopidae
Physocephala texana *
Physoconops fronto
Family Culicidae
Aedes washinoi @
Culex erythrothorax @
Culex tarsalis
Culiseta incidens
Culiseta inornata
Culiseta particeps @

Family Dolichopodidae
Dolichopus sp. @
Hydrophorus sp. @
Medetera sp. @

Family Empididae
Platypalpus sp. *

Family Ephydriidae
Mosillus sp.

Family Helcomyzidae
Pseudoleria sp. *
Suillia limbata @

Family Muscidae
Musca domestica

Family Mycetophilidae
Mycomya sp.

Family Otitidae
Ceroxys latiusculus *

Family Sarcophagidae
Euphytomima sp.
Liopygia sp. *
Ravinia sp. @

Family Scathophagidae
Scathophaga sp. @

Family Sepsidae
Sepsis sp. @

Family Simuliidae
Metacnephia sp.

Family Sphaeroceridae
Leptocera fontinalis @
Leptocera (Rachispoda) sp.

Family Syrphidae
Epistrophe sp.
Eristalinus aeneus
Eristalis sp.
Helophilus latifrons @
Paragus tibialis
Platycheirus sp. @
Syrirta pipiens

Family Tabanidae
Chrysops coloradensis *

Family Tachinidae
Archytas apicifer *
Cylindromyia sp. @
Gonia sp. *
Gymnosoma sp. *
Tachina sp. @

Family Tephritidae
Dioxnya sororcula @
Tephritis californica @

Family Therevidae
Acrosathe sp. *

Family Tipulidae
Tipula californica @
Tipula sp. *

Order Hemiptera (True Bugs)

Family Alydidae
Alydus sp. *

Family Berytidae
Jalysus sp. @

Family Corixidae
Corisella decolor
Trichocorixa reticulata

Family Cydnidae
Microporus testudinatus @

Family Lygaeidae
Eremocoris sp. *
Geocoris niger @
Geocoris sp. @
Lygaeus kalmii *
Neocoryphus bicrucis
Nyssius sp.

Family Miridae
Adelphocoris superbus @
Irbisia californica
Lopidea sp.
Lygus hesperus

Family Nabidae
Nabis sp. @

Family Pentatomidae
Chlorochroa ligata *
Chlorochroa sayi *
Murgantia histrionica

Family Rhopalidae
Arhyssus sp. *

Family Saldidae
Saldula pallipes @

Order Homoptera (Cicadas, Hoppers, etc)

Family Cicadellidae
Undetermined taxa

Family Cicadidae
Okanagana sp. *

Family Dictyopharide
Scolops sp.

Family Membracidae
Undetermined taxa @

Order Hymenoptera (Bees, Wasps & Ants)

Family Andrenidae
Andrena sp.
Perdita sp. *

Family Anthophoridae
Anthophora sp.
Melissodes sp.
Nomada sp. *
Zacosmia maculata maculata

Family Apidae
Apis mellifera
Bombus sonorensis
Bombus vosnesenskii
Xylocopa brasilianorum @

Family Argidae
Sterictophora sp. *

Family Braconidae
Undetermined taxa

Family Chalcididae
Undetermined taxon

Family Chrysididae
Argochrysis mesillae *
Chrysis lucidera *
Chrysis vagabunda *
Hedychridium fletcheri *
Hedychrum boharti *
Parnopes edwardsi *

Family Colletidae
Colletes sp. @

Family Eumenidae
Undetermined taxon

Family Halictidae
Agapostemon sp. *
Dieunomia nevadensis angelisis *
Halictus sp. *
Lassioglossum sp.
Sphecodes sp. *

Family Ichneumonidae
Diplazon laetatorius @
Ophion sp. @
Undetermined taxa

Family Megachilidae
Anthidiellum notatum robertsoni *
Anthidium utahense *
Ashmeadiella sp.
Megachile sp. *
Osmia sp. *

Family Mutillidae
Dasymutilla abdita
Dasymutilla aureola pacifica @
Dasymutilla coccineohirta
Dasymutilla flammifera *
Dasymutilla sackeni
Sphaerophthalma sp.

Family Pompilidae
Anoplius cleora *
Anoplius nigrilis *
Aporinellus completus *
Sericopompilus neotropicalis *
Tachypompilus unicolor unicolor *
Undetermined taxa

Family Sphecidae
Ammophila sp.
Bembix americana comata *
Bembix occidentalis
Bicyrtes ventralis *
Cerceris californica *
Cerceris finitima *
Cerceris frontata *
Cerceris vanduzeei
Chalybion californica *
Dryudella sp. *
Clypeadon californica *
Isodontia elegans *
Philanthus multimaculatus *
Philanthus pacifica *
Podalonia luctuosa *
Prionyx sp. *
Sphex lucae
Sphex pennsylvanica *
Steniolia scolopacea *
Undetermined taxa

Family Tenthredinidae
Tenthredo sp. *

Family Tiphiidae
Paratiphia nevadensis *

Family Vespidae
Mischocyttarus flavitarsus @
Polistes apachus *
Polistes fuscatus aurifer
Vespula pennsylvanica
Undetermined taxa

Order Lepidoptera (Butterflies & Moths)

Family Arctiidae
Apantesis proxima *
Estigmene acraea *

Family Danaidae
Danaus plexippus

Family HesperIIDae
Hylephila phyleus
Pholisora cantullus *
Pyrgus communis

Family Lycaenidae
Callophrys affinis perplexa
Everes amyntula *
Plebejus acmoni
Strymon melinus

Family Noctuidae
Caenurgina crassiuscula
Syneda sp. @
Trichoplusia ni @

Family Nymphalidae
Coenonympha californica
Nymphalis antiopa
Phyciodes mylitta
Precis coenia
Vanessa carye

Family Papilionidae
Papilio zelicaon

Family Pieridae
Colias eurytheme
Euchloe ausinoides
Pieris rapae
Pieris protodice

Family Riodinidae
Apodemia mormo langei

Family Sphingidae
Proserpinus clarkiae *

Order Neuroptera (Lacewings, Antlions, etc)

Family Hemerobiidae
Sympherobius sp. @

Family Myrmeleontidae
Brachynemurus pregrinus

Family Raphidiidae
Agulla sp. *

Order Odonata (Dragonflies & Damselflies)

Family Aeschnidae
Aeshna multicolor
Anax junius

Family Coenagrionidae
Enallagma carunculatum
Enallagma civile

Family Libellulidae
Pachydiplax longipennis *
Tarnetrum costiferum
Tramea sp.

Order Orthoptera (Crickets, Roaches, etc)

Family Acrididae

Melanoplus cinereus dealbatus *

Trimerotropis pallidipennis

Family Gryllacrididae

Ceuthophilus sp. @

Stenopelmatus sp. @

Family Mantidae

Iris oratoria *

Family Phasmatidae

Parabacillus hesperus *

Family Polypagidae

Arenivaga sp. @

Spiders, Scorpions, Wind Scorpions, Centipedes, Millipedes and Isopods have not yet been identified.

Many small bees, wasps and ants have yet to be determined. A few small beetles are also unidentified. It is estimated that approximately 260 different kinds of insects have currently been collected from the refuge.

The microlepidoptera have essentially been ignored Because of the detailed studies performed by Jerry Powell. Their current status may need to be considered.

* indicates collection or observation of taxon at the Stamm Parcel.

@ indicates collection or observation of taxon at the Sardis Parcel.

No symbol by a taxon indicates that it was found at both refuge parcels.