

## A LIST OF HEMIPTERA TAKEN AT HUDSON HEIGHTS, QUEBEC.

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The following is a list of Hemiptera taken at Hudson Heights, Quebec, during the seasons of 1941 and 1942 between June 7 and September 21. Hudson Heights is located on the Ottawa River approximately nine miles west of where that river meets the St. Lawrence River, and approximately 80 miles east of Ottawa.

The list includes 237 species of the suborder Heteroptera and 218 species of the suborder Homoptera, a total of 455 species, and adds the names of many species not previously recorded in the fauna of the Province of Quebec.

## SUBORDER HETEROPTERA

## SCUTELLERIDAE

- Homaemus aeneifrons* Say  
*Eurygaster alternatus* Say

## CYDNIDAE

- Galgupha atra* A. & S.  
    *nitiduloides* Wolff  
*Corimelaena pulicaria* Germ.  
*Amnestus pusillus* Uhl.  
*Sehirus cinctus* P. B.

## PENTATOMIDAE

- Brochymena quadripustulata* Fabr.  
*Peribalus limbularius* Stal.  
*Mormidea lugens* Fabr.  
*Euschistus euschistoides* Voll.  
    *tristigmus* Say  
    *variolarius* P. B.  
*Coenus delius* Say  
*Neottiglossa undata* Say  
*Cosmopepla bimaculata* Thom.  
*Acrosternum hilaris* Say  
*Banasa dimidiata* Say  
*Meadorus lateralis* Say  
*Elasmostethus cruciatus* Say  
    *atricornis* V. D.  
*Perillus bioculatus* Fabr.  
*Podisus maculiventris* Say  
    *modestus* Dall.  
    *placidus* Uhl.

## COREIDAE

- Anasa armigera* Say

## ALYDIDAE

- Protenor belfragei* Hagld.  
*Alydus eurinus* Say  
    *conspersus* Montd.

## CORIZIDAE

- Stictopleurus crassicornis* Linn.  
    *bohemani* Sign.

## ARADIDAE

- Aneurus inconstans* Uhl.

## NEIDIDAE

- Neides muticus* Say

## LYGAEIDAE

- Lygaeus kalmii* Stal.  
*Ortholomus scolopax* Say  
*Nysius thymi* Wolff  
    *ericae* Schill.  
*Ischnorrhynchus geminatus* Say  
*Cymus augustatus* Stal.  
    *discors* Horv.  
    *turridus* Stal.  
*Blissus leucopterus* Say  
*Geocoris bullatus* Say  
    *var. floridanus* Blat.  
    *uliginosus* Say  
    *var. limbatus* Stal.  
*Phylegyas abbreviatus* Uhl.  
*Oedancala dorsalis* Say  
*Crophius disconotus* Say  
*Heraeus plebejus* Stal.  
*Ligyrocoris sylvestris* Linn.  
    *diffusus* Uhl.  
*Peyigenes constrictus* Say  
*Zeridoneus costalis* V. D.  
*Orthaea basalis* Dall.  
*Ptochiomera ferruginea* Stal.  
*Antilocoris pallidus* Uhl.  
*Stignocoris pedestris* Fall.  
    *rusticus* Fall.  
*Spragisticus nebulosus* Fall.  
*Drymus unus* Say  
*Eremocoris ferus* Say  
*Scolopostethus thomsoni* Reut.

## PIESMIDAE

- Piesma cinerea* Say

## TINGITIDAE

- Acalypta lillianis* Brö.  
*Corythucha arcuata* Say  
    *ulmi* O. & D.  
    *bergandei* Heid.  
    *marmorata* Uhl.  
    *juglandis* Fh.  
    *mollicula* O. & D.  
    *pallipes* Parsh.  
*Gargaphia tiliae* Walsh  
*Physatocheila variegata* Parsh.  
    *brevirostris* O. & D.  
*Leptoypha mutica* Say

## PHYMATIDAE

- Phymata crosa wolffi* Stal

## REDUVIIDAE

*Empicoris errabundus* Say  
*Reduvius personatus* Linn.  
*Zelus exsanguis* Stal  
*Sinea diadema* Fabr.

## MESOVELIIDAE

*Mesovelia mulsanti* White

## NABIDAE

*Pagasa fusca* Stein  
*Nabis subcoleopterus* Kby.  
*propinquus* Reut.  
*limbatus* Dahll.  
*ferus* Linn.  
*roseipennis* Reut.  
*rufusculus* Reut.

## CIMICIDAE

*Cimex lectularius* Linn.

## ANTHOCORIDAE

*Lasiochilus fusculus* Reut.  
*Xylocoris sordidus* Reut.  
*Ashenidea temnostethoides* Reut.  
*Anthocoris borealis* Dall.  
*Orius insidiosus* Say  
 var. *tristicolor* White  
*Macrotacheliella nigra* Parsh.

## MIRIDAE

*Phytocoris buenoi* Knt.  
*diversus* Knt.  
*erectus* V. D.  
*eximius* Reut.  
*fulvus* Knt.  
*Phytocoris lasiomerus* Reut.  
*minutulus* Reut.  
*neglectus* Knt.  
*onustus* V. D.  
*pallidicornis* Reut.  
*salicis* Knt.  
*spicatus* Knt.  
*tibialis* Reut.  
*Neurocolpus nubilus* Say  
*Paracalacoris colon* Say  
 var. *scrupulus* Say  
*Stenotus binotatus* Fabr.  
*Adelphocoris rapidus* Say  
*Horcius distictatus* Say  
 var. *goniphorus* Say  
 var. *limbatellus* Walk.  
 var. *nigritus* Reut.  
*Poecilocapsus lineatus* Fabr.  
*Polymerus unifasciatus* Fabr.  
*Polymerus unifasciatus* Fabr.  
 var. *venaticus* Uhl.  
*Dichrooscytus suspectus* Reut.  
 var. *viridicans* Knt.  
*Iygus pubulinus* Linn.  
 var. *lucorum* Meyer  
 var. *oblineatus* Say  
 var. *strigulatus* Walk.  
 var. *rubidus* Knt.  
*rubicundus* Fall.  
*vanduzeei* Knt.  
 var. *rubroclarus* Knt.

## Neolygus alni Knt.

*atitylus* Knt.  
*belfragii* Reut.  
*canadensis* Knt.  
*communis* Knt.  
*confusus* Knt.  
*hirticulus* V. D.  
*omnivagus* Knt.  
*tiliae* Knt.  
*vitticollis* Reut.

*Lygidea obscura* Reut.  
*rosacea* Reut.  
*salicis* Knt.  
*Neoborus amoenus* Reut.  
 var. *signatus* Reut.  
*canadensis* V. D.

*Capsus ater* Linn.  
 var. *tyrannus* Fabr.  
 var. *semiflavus* Linn.

*Platylytillus borealis* Knt.  
*nigrocollis* Reut.  
*rubelllicollis* Knt.  
 var. *confluens* Knt.  
 var. *vittiscutis* Knt.

*Stenodema trispinosum* Reut.  
*vicinum* Prov.

*Trigonotylus ruficornis* Geoff.  
*Miris dolabratus* Linn.  
*ferrugatus* Fall.

*Collaria meilleurii* Prov.  
*oculata* Reut.

*Mimoceps insignis* Uhl.  
*Megaloceroea recticornis* Geoff.

*Pilophorus amoenus* Uhl.  
*clavatus* Linn.

*Ceratocapsus drakei* Knt.  
*modestus* Uhl.  
*pumilus* Uhl.

*Noctuocoris fumidus* V. D.

*Orthotylus chlorionis* Say  
*concolor* V. D.  
*cruciatus* V. D.  
*dorsalis* Prov.

*modestus* V. D.  
 var. *immaculatus* Knt.  
*neglectus* Knt.  
*ulmi* Knt.

*Melanotrichus flavosparsus* Sahlb.

*Mecomma gilvipes* Stal.  
*Diaphnida capitata* V. D.  
 var. *pellucida* Uhl.  
 var. *provaucheri* Burque

*Lopidea cuneata* V.D.  
*instabilis* Reut.  
*media* Say

*Ulnacora malina* Uhl.  
*Labops hesperius* Uhl.  
*Strongyloeoris stygicus* Say  
 var. *atribitalis* Knt.

*Halticus apterus* Linn.  
 var. *bracteatus* Say  
*Deracocoris nebulosus* Uhl.  
 var. *poecilus* McA.  
*aphidiophagus* Knt.  
*borealis* V.D.  
*fasciolus* Knt.  
 var. *castus* Knt.  
*nitenatus* Knt.

*Fulvius brunneus* Prov.

- Monalocoris filicis* Linn.  
*Sixeonotus insignis* Reut.  
*Hyaliodes vitripennis* Say  
*Dicyphus agilis* Uhl.  
*famelicus* Uhl.  
*Lopus decolor* Fall.  
*Criocoris saliens* Reut.  
*Lepidopsallus rubidus* Uhl.  
*var. atricolor* Knt.  
*Psallus piceicola* Knt.  
*Microphyllellus elongatus* Knt.  
*longirostris* Knt.  
*tsugae* Knt.  
*Rhinocapsus vanduzeei* Uhl.  
*Plagiognathus albonotatus* Knt.  
*var. compar* Knit.  
*alboradialis* Knt.  
*atricornis* Knt.  
*brevirostris* Knt.  
*caryae* Knt.  
*chrysanthemi* Wolff  
*cornicola* Knt.  
*cuneatus* Knt.  
*nigrinus* Knt.  
*nigronitens* Knt.  
*obscurus* var. *albocuncatus*  
*Knt.*  
*politus* Uhl.  
*var. flaveolus* Knt.  
*repetitus* Knt.  
*salicicola* Knt.  
*suffuscipennis* Knt.  
*Chalmydatus associatus* Uhl.  
*pulicarius* Fall.  
*Campylomma verbasci* Meyer

**CRYPTOSTEMATIDAE**

*Ceratocombus vagans* McA. & Mall.

**GERRIDAE**

*Gerris nyctalis* D. & H.  
*marginatus* Say  
*buenoi* Kirk.  
*dissortus* D. & H.

**VELIIDAE**

*Microvelia americana* Uhl.  
*Rhagovelia obesa* Uhl.

**SALDIDAE**

*Saldula confluenta* Say  
*intersstitialis* Say  
*opacula* Zett.  
*saltatoria* Linn.  
*pallipes* Fabr.  
*Micracanthia humilis* Say

**NOTONECTIDAE**

*Notonecta undulata* Say  
*Plea striola* Fieb.

**NEPIDAE**

*Ranatra fusca* P. B.

**BELOSTOMATIDAE**

*Lethocerus americanus* Leidy  
*Belostoma fluminineum* Say

## CORIXIDAE

- Arctocorixa alternata* Say  
                          *atopodonta* Hung  
*Callicorixa canadensis* Walley

**Suborder HOMOPTERA**

## CICADIDAE

- Tibicen canicularis* Harr

## CERCOPIDAE

- Aphrophora quadrinotata* Say  
*saratogensis* Fl.  
*Lepyronia quadrangularis* Say  
*Philacnus leucophthalmus* Linn.  
*var. leucocephalus* Linn.  
*var. ustulatus* Fall.  
*var. palidus* Zett.  
*lineatus* Linn.  
*Clastoptera obtusa* Say  
*var. borealis* Ball  
*var. tristus* V.D.  
*proteus* Fl.  
*var. saint-cyri* Prov.  
*var. nigrocollis* Fl.  
*var. osceola* Ball

## MEMBRACIDAE

- Ceresa diceros* Say  
*bubalus* Fabr.  
*taurina* Fh.  
*palmieri* V. D.  
*borealis* Fairm.  
*basalis* Walk.  
*brevicornis* Fh.  
*Acutalis nigroneurus* Fow.  
*Micruitalis dorsalis* Fh.  
*Carynota porphyrea* Fairm.  
*Glossonotus nimbatulus* Ball  
*univittatus* Harr.  
*Telemona obsoleta* Ball  
*reclivata* Fh.  
*Archasia belfragei* Stal.  
*Cyrtolobus maculifrontis* Emm.  
*vau* Say  
*Atymna querci* Fh.  
*Ophiderma salamandra* Fairm.  
*flavicephala* Godg.  
*flava* Godg.  
*pubescens* Emm.  
*Entylia bactriana* Germ.  
*sinuata* Fabr.  
*Publilia concava* Say  
*Campylenchia latipes* Say  
*Euchenopa binotata* Say

## CICADELLIDAE

- Agalliopsis novella* Say  
*Agallia quadripunctata* Prov.  
*Acertagallia sanguinolenta* Prov.  
*Idiocerus nervatus* V. D.  
  *pallidus* Fh.  
  *saturalis* Fh.  
    var. *lunaris* Ball  
*duzeei* Prov.  
*alternatus* Fh.  
*lachrymalis* Fh.

- crataegi* V. D.  
*provancheri* V. D.  
*Macropsis virescens* Gmel.  
   var. *graminca* Fab.  
*viridis* Fr.  
*suturalis* O. & B.  
*sordida* V. D.  
*canadensis* V. D.  
*ferrugineoides* V. D.  
*nigricans* V. D.  
*robusta* Break.  
*basalis* V. D.  
*fumipennis* G. & B.  
   var. *gleditschiae* O. & B.  
*trimaculata* Fr.  
*insignis* V. D.  
*Oncopsis variabilis* Fr.  
*sobrius* Walk.  
*cognatus* V. D.  
*fitchii* V. D.  
*pruni* Prov.  
*nigrinasi* Fr.  
*Oncometopia lateralis* Fabr.  
*Cicadella gothica* Sign.  
*Kolla bifida* Say  
*Helochara communis* Fr.  
*Graphocephala coccinea* Forst.  
*Draeculacephala paludosa* Ball & Chima  
   *mollipes* Say  
   *angulifera* Walk.  
   var. *manitobiana* Ball  
   *prasina* Walk.  
   *minor* Walk.  
*Eucanthonthus acuminatus* Fabr.  
*Gyponana cana* Burm.  
   *striata* Burm.  
*Ponana pectoralis* Spang.  
   *puncticolpis* Spang.  
*Strongylocephalus agrestes* Fall.  
*Aculecephalus nervosus* Schk.  
   *fusco-fasciatus* Goeze  
   *flavostrigatus* Donov.  
   *albifrons* Linn.  
*Xestocephalus pulicarius* V.D.  
   *brunneus* V.D.  
*Paraboloceratus major* Osb.  
*Bandara johnsoni* V.D.  
*Scaphoideus productus* Osb.  
   *immistus* Say  
   *ochraceous* Osb.  
   *melanotus* Osb.  
   *opalinus* Osb.  
*Osbornellus auronitens* Prov.  
   *scalaris* V. D.  
*Prescottia lobatus* V. D.  
*Platymetopius vitellinus* Fr.  
*Platymoideus acutus* Say  
   *cuprescens* Osb.  
   *latus* Bak.  
*Latulus configuratus* Uhl.  
   *ocellaris* Fall.  
   *sayi* Fr.  
   *miscellus* Ball  
*Polyamia apicatus* Osb.  
   *inimicus* Say  
*Laevicephalus melsheimerii* Fr.  
   *unicoloratus* G. & B.  
   *pascuellus* Fall.  
   *spicatus* Del.
- Amplicephalus osborni* V.D.  
*Amphipyga acuticauda* Bak.  
*Drylix striolus* Fall.  
   *parallelus* V.D.  
*Euscelis extrusus* V.D.  
   *sahlbergi* var. *deceptus* S & DeL.  
   *relativus* G. & B.  
*Ophiola anthracina* V.D.  
   *arctostaphyli* Ball  
   *cornicula* Marsh.  
   *luteola* Sicc.
- Commellus coma* V.D.  
*Amblyscelis curtisi* Fr.  
*Norvellina seminudus* Say  
*Phlepsius incisus* V.D.  
   *irroratus* Say  
   *fulvidorsum* Fr.  
   *strobi* Fr.  
   *solidaginis* Walk.  
   *ramosus* Bak.  
*Idiodonus kennicotti* Uhl.  
   *morsei* Osb.  
*Colladonus elittularius* Say  
*Thamnotettix simplex* var. *chlamydatus* Prov.  
*Cyperana straminea* S. & DeL.  
   *melanogaster* Prov.  
   *decipiens* Prov.  
*Elymana inornata* V.D.  
*Graminella fitchii* V.D.  
*Chlorotettix tergatus* Fr.  
   *spatulatus* Osb. & Ball  
   *unicolor* Fr.  
   *lusorius* Osb. & Ball  
   *balli* Osb.  
*Jassus obliterius* Say  
*Macrosteles variatus* Fall  
   var. *fumatus* H. S.  
   *lepidus* V. D.  
   *divisus* Uhl.  
   *slossoni* V. D.  
*Baleutha abdominalis* V. D.  
   *impicta* V. D.  
   var. *osborni* V. D.  
   *punctata* Thunb.  
*Dikraneura abnormis* Walsh  
   *mali* Prov.  
*Forcipata loca* Del. & Cald.  
*Empoasca atrolabes* Gill.  
   *unica* Prov.  
   *obtusa* Walsh  
   *aureoviridis* Uhl.  
   *smaragdula* Fall.  
   *sabae* Harris  
   var. *mali* LeB.  
*Typhlocyba tenerrima* H. S.  
   *rosae* Linn.  
   *cymba* McA.  
   *gilletti* V. D.  
   var. *apicata* McA.  
   var. *casta* McA.  
*Eupteryx nigra* Osb.  
   *flavoscuta* Gill.  
*Hymetta trifasciata* Say

*Erythroneura vulnerata* Fh.  
*obliqua* Say  
*comes* Say  
*ziczac* Walsh  
*ontari* Rob.  
*tricincta* Fh.  
*vitis* Harr.

## FULGORIDAE

*Scolops sulcipes* Say  
*Catonia grisea* V. D.  
*impunctata* Fh.  
*Oliarus quinquelineatus* Say  
*humilis* Say  
*Gixius misellus* V. D.  
*basalis* V. D.  
*pini* Fh.  
*stigmatus* Say  
*Bruchomorpha oculata* Newm.  
*Aphelonema histrionica* Stal.  
*Ormenis pruinosa* Say  
*Cedusa vulgaris* Fh.  
*kedusa* McA.  
*Amalopota uhleri* V. D.  
*Stenocranus dorsalis* Fh.  
*similis* Crawf.

*Kelisia axialis* V. D.  
*Megamelus notulus* Germ.  
*picetus* V. D.  
*uncus* Crawf.  
*Pissonotus marginatus* V. D.  
*ater* V. D.  
*delicatus* V. D.  
*guttatus* Spn.  
*dorsalis* V. D.  
*aphidioides* V. D.  
*Laccocera vittipennis* V. D.  
*Lburniella ornata* Stal.  
*Phyllodinus nervatus* V. D.  
*Delphacodes laminalis* V. D.  
*lateralis* V. D.  
*kilmani* V. D.  
*pellucida* Fabr.  
*fuella* V. D.  
*basivitta* V. D.  
*osborni* V. D.  
*campestris* V. D.  
*luteolenta* V. D.  
*occlusa* V. D.  
*lineatipes* V. D.  
*gilletti* V. D.  
*analis* Craw.

## THE DIPTEROUS FAMILY MYDAIDAE IN CANADA

Some months ago, Mr. E. P. Venables sent me for identification an unusual fly, taken by him at Vernon, British Columbia, on July 5, 1907. Professor G. J. Spencer had recognized it as one of the Mydaidae, a family of Diptera not previously recorded from western Canada. More recently, Mr. W. J. Brown informed me that additional Mydaidae from Oliver, British Columbia, were in the collections of the Department of Agriculture (Division of Entomology) at Ottawa. These he kindly forwarded to me. All these western specimens are *Nemomydas pantherinus* (Gerstaecker), differing in no respect from those I have seen from California, where the species was first taken and is not very rare. Only the female was taken at Vernon; but four females and four males were obtained at Oliver, in July, 1923, by P. N. Vroom and E. R. Buckell. *N. pantherinus* is also recorded definitely from Oregon (Hood River) and rather vaguely from the State of Washington. It was described originally as a *Leptomydas*, but in 1934 Curran made it the type of his genus *Nemomydas*.

Mr. W. J. Brown also sent me several Canadian specimens of *Mydas clavatus* (Drury) and called my attention to two published records of this fly in Canada. All localities are in extreme southern Ontario, on or close to Lake Erie: Pt. Pelee (N. K. Bigelow; G. S. Walley; recorded by A. Gibson, 46th Ann. Rept. Ent. Soc. Ont. for 1915, p. 212, 1916); Normandale (G. S. Walley); Caradoc (H. F. Hudson); Longwood (G. Blair; recorded by A. Gibson, 49th Ann. Rept. Ent. Soc. Ont. for 1918, p. 116, 1919); Port Stanley (R. Ozburn); and Simcoe (T. N. Freeman).

The Canadian records of these two species establish the northernmost extension of the family Mydaidae in America to near 43° N. in the east and slightly north of 50° N. in the west.

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