

**CLASSIFICATION: DIPTERA**

The primary source for data entry and the classification of the Diptera was: Stone, A., Sabrosky, C.W., Wirth, W.W., Foote, R.H., and J.R. Coulson. 1965. **A Catalog of the Diptera of America north of Mexico**. U.S. Government Printing Office. Washington. 1696 pp. The classification section is also partially based on: McAlpine, J.F. et al. 1981-1989. **Manual of Nearctic Diptera**. Agriculture Canada. Ottawa. Volume 1 (1981, Monograph Number 27, pages 1-674); Volume 2 (1987, Monograph Number 28, pp. 675-1332); Volume 3 (1989, Monograph Number 32, pp. 1333-1581). Both of these publications are extraordinarily useful, although the "Catalog" is now somewhat out of date because of very active workers in the Diptera. The "Manual of Nearctic Diptera" contains keys to the genera of Nearctic Diptera. The sections of the "Manual" do not consistently use subfamilies in these keys. Therefore the classification, as outlined below, represents an amalgamation of the subfamily structure as outlined in both publications, or from the "Manual" when a subfamily structure was listed. Of course, the subfamily structures of families treated subsequent to the "Manual" have been given as listed in the relevant publication, and the publication is listed at the beginning of the family.

No generally accepted subdivision of the "Muscomorpha" exists. The editors of *Nomina Insecta Nearctica* have tried to reach a compromise between competing systems which is both useful and conservative. We are indebted to Norman E. Woodley of the Systematic Entomology Laboratory for his comments and help in reaching this compromise. The result, however, does not necessarily completely agree with the views of Dr. Woodley.

**SUBORDER NEMATOCERA****INFRAORDER TIPULOMORPHA****TIPULIDAE**

**Tipulinae:** *Brachypremna, Ctenophora, Dolichozeza, Holorusia, Longurio, Maekistocera, Nephrotoma, Prionocera, Tipula.*

**Cylindrotominae:** *Cylindrotoma, Liogma, Phalacrocer, Triogma.*

**Limoniinae:** *Antocha, Arctoconopa, Atarba, Austrolimnophila, Cheilotrichia, Chionea, Cladura, Cryptolabis, Dactylolabis, Dicranoptycha, Dicranota, Elephantomyia, Elliptera, Epiphragma, Erioptera, Gnophomyia, Gonomyia, Gonomyodes, Hesperoconopa, Hexatoma, Limnophila, Limonia, Lipsotrix, Megarhina, Molophilus, Nasiternella, Neocladura, Neolimnophila, Orimarga, Ormosia, Ornithodes, Paradelphomyia, Pedicia, Phyllolabis, Palaria, Polymera, Prolimnophila, Pseudolimnophila, Rabdomastix, Shannonomyia, Tanyptera, Tasiocera, Teucholabis, Toxorhina, Ula, Ulomorpha.*

**Not placed to subfamily in database:** *Idiognophomyia, Thaumastoptera.*

**INFRAORDER BLEPHARICEROMORPHA****Subfamily BLEPHARICEROIDEA****BLEPHARICERIDAE**

**Blepharicerinae:** *Agathon, Bibiocephala, Blepharicera, Dioptopsis, Philorus.*

**DEUTEROPHLEBIIDAE**

*Deuterophlebia.*

## NOMINA INSECTA NEARCTICA

## Superfamily NYMPHOMYIOIDEA

## NYMPHOMYIIDAE

*Nymphomyia.*

## INFRAORDER AXYMYIOMORPHA

## AXYMYIIDAE

*Axymia.*

## INFRAORDER BIBIONOMORPHA

## Superfamily PACHYNEUROIDEA

## PACHYNEURIDAE

*Cramptonomyia.*

## Superfamily BIBIONOIDEA

## BIBIONIDAE

**Hesperininae:** *Hesperinus.***Pleciinae:** *Penthetria, Plecia.***Bibioninae:** *Bibio, Bibiodes, Dilophus.*

## Superfamily SCIAROIDEA (=MYCETOPHILOIDEA)

## MYCETOPHILIDAE

Classification with modifications from: Vockeroth, J.R. 1983. Mycetophilidae, in **Manual of Nearctic Diptera**, 1:223-246.

**Ditomyiinae:** *Bolitophila, Ditomyia, Symmerus.***Diadocidiinae:** *Diadocididia.***Keratoplatinae:** *Asindulum, Cerotelion, Euceroptatus, Fenderomyia, Hesperodes, Heteropterna, Keroplatus, Macrocera, Macrorrhyncha, Orfelia, Paleoplatyura, Platyura.***Lygistorhininae:** *Lygistorrhina.***Sciophilinae:** *Acadia, Acnemia, Acomoptera, Acmypterella, Adicroneura, Aglaomyia, Allocotocera, Anaclileia, Baeopterogyna, Boletina, Coelosia, Docosia, Drepanocercus, Dziedzicka, Ectrepesthoneura, Eudicrana, Garretella, Gnoriste, Greenomyia, Hadroneura, Leia, Leptomorphus, Loicia, Megalopelma, Megophthalmidia, Monoclona, Mycomya, Neoempheria, Neuratelia, Novakia, Paratinia, Phthinia, Polylepta, Rondaniella, Saigusaia, Sciophila, Speolepta, Stenophragma, Synapha, Syntemna, Tetragoneura.***Mycetophilinae:** *Allodia, Allodiopsis, Anatella, Brachypeza, Brevicornu, Cordyla, Dynatosoma, Epicypa, Exechia, Exechiopsis, Macrobrachius, Mycetophila, Phronia, Platurocypta, Pseudexechia, Pseudobrachypeza, Rymosia, Sceptonia, Trichonta, Zygomya.*

## SCIARIDAE

*Bradysia, Camptochaeta, Corynoptera, Epidapus, Eugnoriste, Lycoriella, Metangela, Moehnia, Phorodonta, Phytosciara, Plastosciara, Pnyxia, Rhynchosciara, Scatopsiara, Schwenkfeldina, Sciara, Trichosia, Zygoneura.*

## CECIDOMYIIDAE

**Lestremiinae:** *Acoenonia, Allarete, Anarete, Anaretella, Anocha, Aprionus, Bryomyia, Campylomyza, Campyloneura, Catocha, Catotricha, Cervatina, Conarete, Cordylomyia, Corinthomyia, Eucatocha, Forbesomyia, Gongromastix, Heteropeza, Heteropezina, Lestremia, Miastor, Micromya, Monardia, Mycophila, Neocatocha, Pararete, Peromyia, Trichopteromyia, Tritozyga, Wasmanniella, Xylopriona.*

## DIPTERA: CLASSIFICATION

**Porricondyliinae:** *Asynapta*, *Basicondyla*, *Camptomyia*, *Claspettomya*, *Didactylomyia*, *Dicerura*, *Dirhiza*, *Haplusia*, *Holoneurus*, *Isocolpodia*, *Kronomyia*, *Monepidosis*, *Neocolpodia*, *Paracolpodia*, *Parasynapta*, *Paratetraneuromyia*, *Parawinnertzia*, *Parepidosis*, *Porricondyla*, *Pseudocamptomyia*, *Schistoneurus*, *Solntsevia*, *Stomatosema*, *Winnertzia*.

**Cecidomyiinae:** *Acericecis*, *Adiplosis*, *Ametrodiplosis*, *Ancyloidiplosis*, *Apagodiplosis*, *Aphidoletes*, *Arthrocnodax*, *Asphondylia*, *Asteromyia*, *Astictoneura*, *Blaesodiplosis*, *Brachineura*, *Bremia*, *Bruggmannia*, *Brugmanniella*, *Calamomyia*, *Camptoneuromyia*, *Cartodiplosis*, *Caryomyia*, *Cecidomyia*, *Celticecis*, *Chamaediplosis*, *Charidiplosis*, *Chilophaga*, *Clinodiplosis*, *Coccidomyia*, *Colomyia*, *Contarinia*, *Coquillettomyia*, *Cordylodiplosis*, *Craneiobia*, *Ctenodactylomyia*, *Cystiphora*, *Dasineura*, *Dentifibula*, *Diadiplosis*, *Dicrodiplosis*, *Edestochilus*, *Edestosperma*, *Endaphis*, *Epidiplosis*, *Epimyia*, *Feltiella*, *Ficiomyia*, *Giardomyia*, *Glenodiplosis*, *Gongrodiplosis*, *Halodiplosis*, *Harmandia*, *Henria*, *Homobremia*, *Hybolasioptera*, *Hyperdiplosis*, *Itiomyia*, *Janetiella*, *Kaltenbachiola*, *Karshomyia*, *Lasioptera*, *Ledomyia*, *Lestodiplosis*, *Lobopteromyia*, *Lygocecis*, *Macrodiplosis*, *Mayetiola*, *Meunieriella*, *Monarthropalpus*, *Mycodiplosis*, *Neolasioptera*, *Obolodiplosis*, *Odontodiplosis*, *Oligotrophus*, *Olpodiplosis*, *Ozirhincus*, *Paradiplosis*, *Parallelodiplosis*, *Pectinodiplosis*, *Pilodiplosis*, *Pinyonia*, *Pitydiplosis*, *Planetella*, *Platydiplosis*, *Plectrodiplosis*, *Polystepha*, *Procystiphora*, *Prodiplosis*, *Protaplonyx*, *Putoniella*, *Rabdophaga*, *Resseliella*, *Rhizomyia*, *Rhopalomyia*, *Sackenomyia*, *Schizomyia*, *Semudobia*, *Sequoiomyia*, *Silvestrina*, *Sitodiplosis*, *Stenodiplosis*, *Stephomyia*, *Tanaodiplosis*, *Taxodiomyia*, *Thaumadiplosis*, *Thripsobremia*, *Thecodiplosis*, *Trisopsis*, *Trogodiplosis*, *Tropidiplosis*, *Trotteria*, *Vaccinodiplosis*, *Walshomyia*, *Xylodiplosis*, *Youngomyia*, *Zeuxidiplosis*.

**Not placed to subfamily in database:** *Baeonotus*, *Spurgia*, *Strobliaella*.

## INFRAORDER PSYCHOMORPHA

### Superfamily PSYCHOIDEA

#### PSYCHODIDAE

Classification from: Quate, L.W., and J.R. Vockeroth. 1983. **Psychodidae**. *Manual of Nearctic Diptera*. 1:293-300.

**Psychodinae:** *Breviscapus*, *Brunettia*, *Crenopanimerus*, *Duckhousiella*, *Eurygarka*, *Maruina*, *Neoquatiella*, *Neothreticus*, *Panimerus*, *Pericoma*, *Perithreticus*, *Philosepedon*, *Psychoda*, *Saraiella*, *Telmatoscopus*, *Thornburghiella*, *Threticus*, *Trichopsychoda*.

**Trichomyiinae:** *Trichomyia*.

**Phlebotominae:** *Lutzomyia*.

**Bruchomyiinae:** *Nemopalpus*.

### Superfamily TRICHOCEROIDEA

#### TRICHOCERIDAE

*Diazosma*, *Paracladura*, *Trichocera*.

#### ANISOPODIDAE

**Mycetobiinae:** *Mycetobia*.

**Anisopodinae:** *Olbiogaster*, *Sylvicola*.

#### SCATOPSIDAE

**Apistinae:** *Arthria*, *Aspistes*.

**Scatopsinae:** *Coboldia*, *Colobostema*, *Parascatopse*, *Quateiella*, *Reichertella*, *Rhegmoclema*, *Rhegmoclemina*, *Rhexoza*, *Scatopse*, *Swammerdamella*.

**Ectaetiinae:** *Ectaetia*.

**Psectrosciariinae:** *Anapausis*, *Psectrosciara*.

#### SYNNEURIDAE

*Exiliscelis*, *Synneuron*.

## INFRAORDER PTYCHOPTEROMORPHA

## Superfamily PTYCHOPTEROIDEA

## TANYDERIDAE

*Protanyderus, Protoplasa.*

## PTYCHOPTERIDAE

**Ptychopterinae:** *Ptychoptera.*

**Bittacomorphinae:** *Bittacomorpha, Bittacomorphella.*

## INFRAORDER CULICOMORPHA

## Superfamily CULICOIDEA

## DIXIDAE

*Dixa, Dixella, Meringodixa.*

## CORETHRELLIDAE

*Corethrella.*

## CHAOBORIDAE

Classification from: Borkent, A. 1993. A world catalogue of fossil and extant Corethrellidae and Chaoboridae (Diptera), with a listing of references to keys, bionomic information and descriptions of each known life stage. *Entomological Scandinavica*, 24:1-24.

**Chaoborinae:** *Chaoborus, Mochlonyx.*

**Eucorethrinae:** *Eucorethra.*

## CULICIDAE

**Anophelinae:** *Anopheles.*

**Toxorhynchitinae:** *Toxorhynchites.*

**Culicinae:** *Aedes, Culex, Culiseta, Deinocerites, Haemagogus, Mansonia, Orthopodomyia, Psorophora, Uranotaenia, Wyeomyia.*

## Superfamily CHIRONOMOIDEA

## THAUMALEIDAE

*Thaumalea, Trichothaumalea.*

## SIMULIIDAE

Classification from Crosskey, R.W. , pp. 425-520, in Ke Chung Kim and R.W. Merritt (eds.), 1988. **Black Flies. Ecology, Population Management, and Annotated World List.** Pennsylvania State University.

**Parasimuliinae:** *Parasimulium.*

**Simuliinae:** *Cnephia, Ectemnia, Greniera, Gymnopais, Mayacnephia, Metacnephia, Prosimulium, Simulium, Stegopterna, Twinnia.*

## CERATOPOGONIDAE

**Leptoconopinae:** *Leptoconops.*

**Forcipomyiinae:** *Atrichopogon, Forcipomyia.*

**Dasyheleinae:** *Dasyhelea, Paradasyhelea.*

**Ceratopogoninae:** *Allohelea, Alluaudomyia, Amerohelea, Bezzia, Brachypogon, Ceratoculicoides, Ceratopogon, Clinohelea, Culicoides, Downeshelea, Echinohelea, Heteromyia, Jenkinshalea, Johannsenomyia, Macropeza, Mallochohelea, Monohalea, Neurobezzia, Neurohelea, Nilobezzia, Pachyhelea, Palpomyia, Parabezzia, Paryphoconus, Phaenobezzia, Probezzia, Rhyngohelea, Schizohelea, Serromyia, Sphaeromyias, Stenoxenus, Stilobezzia, Washingtonhelea.*

## CHIRONOMIDAE

Classification from: Oliver, D.R., Dillon, M.E., and P.S. Cranston. 1990. **A Catalog of Nearctic Chironomidae**. Research Branch, Agriculture Canada. Publication 1857/B. 89 pp.

**Telmatogetoninae:** *Telmatogeton*, *Thalassomya*.

**Podonominae:** *Boreochlus*, *Lasiodiamesa*, *Paraboreochlus*, *Parochlus*, *Trichotanypus*.

**Tanypodinae:** *Ablabesmyia*, *Alotanypus*, *Apsectrotanypus*, *Arctopelopia*, *Bethbilbeckia*, *Brundiniella*, *Cantopelopia*, *Clinotanypus*, *Coelotanypus*, *Conchapelopia*, *Denopelopia*, *Derotanypus*, *Djalmabatista*, *Fittkauimyia*, *Guttipelopia*, *Hayesomyia*, *Helopelopia*, *Hudsonimyia*, *Krenopelopia*, *Labrundinia*, *Larsia*, *Macropelopia*, *Meropelopia*, *Monopelopia*, *Natarsia*, *Nilotanypus*, *Paramerina*, *Pentaneura*, *Procladius*, *Psectrotanypus*, *Radotanypus*, *Reomyia*, *Rheopelopia*, *Tanypus*, *Telopelopia*, *Thienemannimyia*, *Trissopelopia*, *Xenopelopia*, *Zavrelimyia*.

**Diamesinae:** *Arctodiamesa*, *Boreoheptagyia*, *Diamesa*, *Lappodiamesa*, *Pagastia*, *Potthastia*, *Protanypus*, *Pseudodiamesa*, *Pseudokiefferiella*, *Sympotthastia*.

**Prodiamesinae:** *Compteromesa*, *Monodiamesa*, *Odontomesa*, *Prodiamesa*.

**Orthocladiinae:** *Abiskomyia*, *Acamptocladius*, *Acricotopus*, *Antillocladius*, *Apometriocnemus*, *Baeoetenus*, *Brillia*, *Bryophaenocladius*, *Camptocladius*, *Cardiocladius*, *Chaetocladius*, *Chasmatonotus*, *Clunio*, *Compterosmittia*, *Corynoneura*, *Cricotopus*, *Diplocladius*, *Diplosmittia*, *Doithrix*, *Doncricotopus*, *Epoicocladius*, *Eretmoptera*, *Eukiefferiella*, *Euryhapsis*, *Georthocladius*, *Gymnometriocnemus*, *Halocladius*, *Heleniella*, *Heterotanytarsus*, *Heterotrissocladius*, *Hydrobaenus*, *Krenosmittia*, *Limnophyes*, *Lipumetriocnemus*, *Lopescladius*, *Mesocricotopus*, *Mesosmittia*, *Metriocnemus*, *Nanocladius*, *Oliveridia*, *Oreadomyia*, *Orthocladius*, *Parachaetocladius*, *Parecladius*, *Paracricotopus*, *Parakiefferiella*, *Paralimnophyes*, *Parametriocnemus*, *Paraphaenocladius*, *Parasmittia*, *Paratrachocladius*, *Paratrissocladius*, *Platysmittia*, *Pludsonia*, *Psectrocladius*, *Pseudorthocladius*, *Pseudosmittia*, *Psilometriocnemus*, *Rheocricotopus*, *Rheosmittia*, *Saetheriella*, *Smittia*, *Stilocladius*, *Sublettiella*, *Symbiocladius*, *Synorthocladius*, *Tethymia*, *Thalassosmittia*, *Thienemannia*, *Thienemanniella*, *Tokunagaia*, *Trichochilus*, *Tvetenia*, *Unniella*, *Vivacricotopus*, *Xylotopus*, *Zalutschia*.

**Chironominae:** *Apedilum*, *Asheum*, *Axarus*, *Beardius*, *Beckidia*, *Chernovskiiia*, *Chironomus*, *Cladopelma*, *Cladotanytarsus*, *Constempellina*, *Corynocera*, *Cryptochironomus*, *Cryptotendipes*, *Cyphomella*, *Demeijerea*, *Demicryptochironomus*, *Dicrotendipes*, *Einfeldia*, *Endochironomus*, *Endotribelos*, *Gillotia*, *Glyptotendipes*, *Goeldichironomus*, *Harnischia*, *Hyporhygma*, *Kiefferulus*, *Kloosia*, *Lauterborniella*, *Microchironomus*, *Micropsectra*, *Microtendipes*, *Nilothauma*, *Nimbocera*, *Omisus*, *Pagastiella*, *Parachironomus*, *Paracladopelma*, *Paralauterborniella*, *Parapsectra*, *Paratanytarsus*, *Paratendipes*, *Phaenopsectra*, *Polypedilum*, *Pseudochironomus*, *Rheotanytarsus*, *Robackia*, *Saetheria*, *Sergentia*, *Skutzia*, *Stelechomyia*, *Stempellina*, *Stempellinella*, *Stenochironomus*, *Stictochironomus*, *Sublettea*, *Synendotendipes*, *Tanytarsus*, *Tribelos*, *Xenochironomus*, *Xestochironomus*, *Zavrelia*, *Zavreliella*.

## SUBORDER BRACHYCERA

### ORTHORRHAPHA

#### INFRAORDER XYLOPHAGOMORPHA

##### XYLOPHAGIDAE

**Coenomyiinae:** *Athropeas*, *Coenomyia*, *Dialysis*.

**Xylophaginae:** *Rachicerus*, *Xylophagus*.

#### INFRAORDER STRATIOMYOMORPHA

##### XYLOMYIDAE

*Macroceromys*, *Solva*.

##### STRATIOMYIDAE

## NOMINA INSECTA NEARCTICA

Classification from: James, M.T. 1983. **Manual of Nearctic Diptera**, 1:497-511.

**Chiromyzinae:** *Altermetoponia*.

**Beridinae:** *Actina*, *Allognosta*, *Beris*, *Exodontha*.

**Sarginae:** *Cephalochrysa*, *Chloromyia*, *Merosargus*, *Microchrysa*, *Ptecticus*, *Sargus*.

**Clittelariinae:** *Brachycara*, *Cyphomyia*, *Dicyphoma*, *Dieuryneura*, *Hermetia*.

**Chrysochlorinae:** *Chrysochlorina*.

**Nemotelinae:** *Akronia*, *Nemotelus*.

**Stratiomyinae:** *Adoxomyia*, *Anoplodonta*, *Caloparyphus*, *Euparyphus*, *Euryneura*, *Hedriodiscus*, *Hoplitimyia*, *Labostigmia*, *Myxosargus*, *Nothomyia*, *Odontomyia*, *Oxycera*, *Stratiomys*.

**Pachygastrinae:** *Berkshiria*, *Borboridea*, *Cosmariomyia*, *Eidalimus*, *Gowdeyana*, *Neopachygaster*, *Pachygaster*, *Zabrachia*.

### INFRAORDER TABANOMORPHA

#### RHAGIONIDAE

*Arthroceras*, *Bolbomyia*, *Chrysopilus*, *Litoleptis*, *Ptiolina*, *Rhagio*, *Spania*, *Symphoromyia*.

#### PELECORHYNCHIDAE

*Glutops*, *Pseudoerinna*.

#### ATHERICIDAE

*Atherix*, *Suragina*.

#### TABANIDAE

**Pangoniinae:** *Apatolestes*, *Asaphomyia*, *Brenmania*, *Esenbeckia*, *Goniops*, *Pilimas*, *Stonemyia*.

**Chrysopinae:** *Chrysops*, *Merycomyia*, *Neochrysops*, *Silvius*.

**Tabaninae:** *Agkistrocerus*, *Anacimas*, *Atylotus*, *Bolbodimyia*, *Chlorotabanus*, *Diachlorus*, *Haematopota*, *Hamatabanus*, *Hypomitra*, *Leucotabanus*, *Microtabanus*, *Stenotabanus*, *Tabanus*, *Whitneyomyia*.

#### VERMILEONIDAE

*Vermileo*.

### INFRAORDER MUSCOMORPHA

#### Superfamily NEMESTRINOIDEA

#### NEMESTRINIDAE

**Hirmoneurinae:** *Hirmoneura*.

**Nemestrininae:** *Neorhynchocephalus*.

**Trichopsidaeinae:** *Trichopsidea*.

#### ACROCERIDAE

**Panopinae:** *Eulonchus*, *Lasia*, *Ocnaea*, *Pterodontia*.

**Acrocerinae:** *Acrocera*, *Ogcodes*, *Turbopsebius*.

#### Superfamily ASILOIDEA

#### BOMBYLIIDAE

Classification from: Evenhuis, N.L. 1991. **World Catalog of the Genus-group names of the Bee Flies (Diptera: Bombyliidae)**. Bishop Museum Bulletin in Entomology 5. Honolulu. Bishop Museum Press. 105 pp.

**Mythicomyiinae:** *Glbellula, Mythenteles, Mythicomya, Nexus, Paraconsors, Platypygus.*

**Gerontinae:** *Geron.*

**Systropodinae:** *Dolichomyia, Systropus.*

**Toxophorinae:** *Toxophora.*

**Bombyliinae:** *Aldrichia, Anastoechus, Bombylius, Conophorus, Geminaria, Heterostylum, Lordotus, Parabombylius, Sparnopolius, Systoechus, Triploecheus.*

**Desmatomyiinae:** *Desmatomyia, Inyo.*

**Phthiriinae:** *Acreephthiria, Euryphthiria, Neacreotrichus, Phthiria, Poecilognathus, Relictiphthiria, Tmemophlebia.*

**Usiinae:** *Apolysis.*

**Ecliminae:** *Lepidophora, Thevenemyia.*

**Oligodraninae:** *Oligodranes.*

**Cythereinae:** *Pantarbes.*

**Tomomyzinae:** *Amphicosmus, Metacosmus, Paracosmus.*

**Lomatiinae:** *Ogcodocera.*

**Anthraxinae:** *Anthrax, Aphoebantus, Astrophanes, Bryodemina, Chrysanthrax, Desmatoneura, Dicanoclista, Diochanthrax, Dipalta, Epacmus, Eucessia, Exepacmus, Exoprosopa, Hemipenthes, Lepidanthrax, Ligyra, Mancia, Neodiplocampta, Oestranthrax, Paradiplocampta, Paravilla, Poecilanthrax, Rhynchanthrax, Stonyx, Thyridanthrax, Villa, Xenox.*

#### THEREVIDAE

Classification from: Irwin, M.E., and L. Lyneborg. 1981. The genera of Nearctic Therevidae. *Bulletin of the Illinois Natural History Survey*, 32:193-277.

**Therevinae:** *Acrosathe, Ammonaios, Arenigena, Brachylinga, Breviperna, Chromolepida, Cyclotelus, Dialineura, Dichoglana, Litolinga, Lysilinga, Megalinga, Nebritus, Ozodiceromya, Pallicephala, Pandivirilia, Penniverpa, Psilocephala, Spiriverpa, Tabuda, Tabudamima, Thereva, Viriliricta.*

**Phycinae:** *Henicomya, Parapherocera, Pherocera, Phycus, Schlingeria.*

#### SCENOPINIDAE

**Scenopininae:** *Belosta, Brevitrichia, Metatrichia, Pseudatrichia, Scenopinus.*

**Proratinae:** *Apystomyia, Caenotoides, Caenotus, Prorates.*

#### HILARIMORPHIDAE

*Hilarimorpha.*

#### MYDIDAE

**Ectyphinae:** *Heteromydas, Opomydas.*

**Mydinae:** *Messiasia, Mydas, Phyllomydas, Stratiomydas.*

**Leptomydinae:** *Nemomydas, Pseudonomoneura.*

#### APIOCERIDAE

**Apiocerinae:** *Apiocera, Rhapsiomidas.*

#### ASILIDAE

**Leptogastrinae:** *Apachekolos, Beameromyia, Leptogaster, Leptopteromyia, Psilonyx, Tipulogaster.*

**Dasyopogoninae:** *Ablautus, Archilestris, Backomyia, Blepharepium, Bromleyus, Callinicus, Ceraturgus, Coleomyia, Comantella, Cophura, Cyrtopogon, Dicolonus, Dioctria, Diogmites, Dizonias, Echthopoda, Eucyrtopogon, Eudioctria, Hadrokolos, Haplopogon, Heteropogon, Hodophylax, Holcocephala, Holopogon, Itolia, Laphystia, Lasiopogon, Lestomyia, Metadioctria, Metapogon, Microstylus, Myelaphus, Nannocyrtopogon, Nicocles, Omniablautus, Orrhodops, Parataracticus, Perasis, Plesiomma, Pritchardomyia, Psilocurus, Saropogon, Stenopogon, Stichopogon, Taracticus, Townsendia, Wilcoxia, Willistonina, Zabrops.*

**Laphriinae:** *Andrenosoma, Atomosia, Atomosiella, Atoniomyia, Cerotainia, Cerotainiops, Dasylechia, Lampria, Laphria, Orthogonis.*

**Asilinae:** *Asilus, Dicropaltum, Eccritosa, Efferia, Machimus, Mallophora, Mallophorina, Negasilus, Neoitamus, Nigrasilus, Ommatius, Philonicus, Polacantha, Proctacanthella, Proctacanthus, Prolatforceps, Promachella, Promachina, Promachus, Regasilus, Wyliea.*

**Not placed to subfamily in database:** *Bohartia, Sintoria.*

## Superfamily EMPIDOIDEA

## EMPIDIDAE

**Brachystomatinae:** *Anomalempis*, *Brachystoma*.

**Hybotinae:** *Euhybus*, *Hybos*, *Meghyperus*, *Syndyas*, *Syneches*.

**Ocydromiinae:** *Allanthalia*, *Anthalia*, *Bicellaria*, *Euthyneura*, *Hoplocyrtoma*, *Leptopeza*, *Ocydromia*, *Oedalea*, *Trichina*.

**Empidinae:** *Anthepiscopus*, *Apalocnemis*, *Brochella*, *Empis*, *Gloma*, *Hesperempis*, *Hilara*, *Hormopeza*, *Iteaphila*, *Microphorella*, *Microphorus*, *Oreogeton*, *Parathalassius*, *Philetus*, *Ragas*, *Rhamphomyia*, *Toreus*.

**Clinocerinae:** *Boreodromia*, *Ceratempis*, *Clinocera*, *Dolichocephala*, *Heleodromia*, *Niphogenia*, *Oreothalia*, *Proclinopyga*, *Roederiodes*, *Sabroskyella*, *Trichoclinocera*, *Wiedemannia*, *Zanclotus*.

**Hemerodromiinae:** *Chelifera*, *Chelipoda*, *Hemerodromia*, *Metachela*, *Neoplasta*, *Phyllodromia*.

**Tachydromiinae:** *Allodromia*, *Charadrodromia*, *Chersodromia*, *Drapetis*, *Megagrapha*, *Micrempis*, *Platypalpus*, *Stilpon*, *Symbollophthalmus*, *Tachydromia*, *Tachyempis*, *Tachypeza*.

## DOLICHOPODIDAE

We are unaware of any subfamily classification applied to the dolichopodids in North America.

*Achalcus*, *Aphrostylus*, *Argyra*, *Asyndetus*, *Calyxochaetus*, *Campsicnemus*, *Chrysotimus*, *Chrysotus*, *Condylostylus*, *Diaphorus*, *Diostracus*, *Dolichopus*, *Enlinia*, *Harmstonia*, *Hercostomus*, *Hydatostega*, *Hydrophorus*, *Hypocharassus*, *Keirosoma*, *Lamprochromus*, *Liancalus*, *Medetera*, *Melanderia*, *Mesorhaga*, *Micromorphus*, *Nanomyia*, *Nematoproctus*, *Neoparentia*, *Neurigona*, *Neurigonella*, *Paraclius*, *Parasyntormon*, *Pelastoneurs*, *Peloropeodes*, *Plagioneurus*, *Rhaphium*, *Scellus*, *Sciapus*, *Sympycnidelphus*, *Sympycnus*, *Syntormon*, *Systemus*, *Tachytrechus*, *Telmaturgus*, *Teuchophorus*, *Thinophilus*, *Thrypticus*, *Xanthochlorus*.

## Superfamily MUSCOIDEA

## Superfamily MUSCOIDEA - ASCHIZA

## PLATYPEZIDAE

**Opetiinae:** *Melanderomyia*, *Microsania*.

**Platypezininae:** *Agathomyia*, *Bertamyia*, *Callomyia*, *Grossoseta*, *Platypezina*.

**Platypezinae:** *Calotarsa*, *Grossovena*, *Lindneromyia*, *Metaclithia*, *Paraplatypeza*, *Platypeza*, *Polyporivora*, *Protoclythia*, *Seri*.

## LONCHOPTERIDAE

*Lonchoptera*.

## PHORIDAE

Classification based on: Brown, B. V. 1992. Generic Revision of Phoridae of the Nearctic Region and Phylogenetic Classification of Phoridae, Sciadoceridae, and Ironomyiidae (Diptera: Phoroidea). *Memoirs of the Entomological Society of Canada*, 164:1-144.

**Hypocerinae:** *Abaristophora*, *Borophaga*, *Burmophora*, *Hypocera*, *Stichillus*.

**Phorinae:** *Anevrina*, *Chaetopleurophora*, *Coniceromyia*, *Phora*, *Spiniphora*.

**Conicerinae:** *Conicera*.

**Aenigmatiinae:** *Aenigmatias*, *Diplonevra*, *Dohrniphora*, *Hypocerides*.

**Metopininae:** *Acontistoptera*, *Apocephalus*, *Auxanommatidia*, *Beckerina*, *Cataclinusa*, *Chonocephalus*, *Commoptera*, *Cremersia*, *Dacnophora*, *Diocophora*, *Ecitomyia*, *Gymnophora*, *Kerophora*, *Lecanocerus*, *Megaselia*, *Metopina*, *Microselia*, *Myrmosicarius*, *Neodohrniphora*, *Pericyclocera*, *Phalacrotophora*, *Phymatopterella*, *Physoptera*, *Pseudacteon*, *Puliciphora*, *Rhyncophoromyia*, *Stenophorina*, *Syneura*, *Triphleba*, *Trophithauma*, *Trophodeinus*, *Trucidophora*, *Woodiphora*, *Xanionotum*, *Zyziphora*.

## SYRPHIDAE

**Microdontinae:** *Microdon*, *Mixogaster*.

## DIPTERA: CLASSIFICATION



**Syrphinae:** *Allograpta, Baccha, Chrysotoxum, Dasysyrphus, Didea, Doros, Epistrophe, Eriozona, Eupeodes, Leucozona, Melangyna, Melanostoma, Meliscaeva, Ocyrtamus, Paragus, Parasyrphus, Platycheirus, Pseudodoros, Salpingogaster, Scaeva, Sphaerophoria, Syrphus, Toxomerus, Xanthandrus, Xanthogramma.*

**Eristalinae:** *Arctophila, Arctosyrphus, Aemosyrphus, Blera, Brachyopa, Brachypalpus, Callicera, Ceriana, Chalcosyrphus, Chamaesyrphus, Cheilosia, Chrysogaster, Chrysosyrphus, Copestylum, Criorhina, Cynorhinella, Eristalinus, Eristalis, Eumerus, Ferdinanda, Hadromyia, Helophilus, Heringia, Lejota, Lepidomyia, Mallota, Merapioidus, Merodon, Meromacrus, Milesia, Monoceromyia, Myolepta, Nausigaster, Neoascia, Neocnemodon, Ornidia, Orthonevra, Palpada, Pelecocera, Pipiza, Pocota, Polybiomyia, Polydontomyia, Psilota, Pterallastes, Pyritis, Rhingia, Sericomomyia, Somula, Sphecomyia, Sphegina, Sphiximorpha, Spilomyia, Syritta, Temnostoma, Teuchocnemis, Trichopsomyia, Tropidia, Volucella, Xylota.*

**PIPUNCULIDAE**

**Chalarinae:** *Chalarus, Verrallia.*

**Pipunculinae:** *Allomethus, Cephalosphaera, Dorylomorpha, Elmohardyia, Metadorylas, Microcephalops, Nephrocerus, Parapipunculus, Pipunculus, Tomosvaryella.*

**CONOPIIDAE**

**Conopinae:** *Conops, Physocephala, Physoconops.*

**Myopinae:** *Myopa, Robertsonomyia, Thecophora, Zodion.*

**Dalmaniinae:** *Dalmanina.*

**Stylogastrinae:** *Stylogaster.*

**Superfamily MUSCOIDEA - SCHIZOPHORA - ACALYPTRATA**

**MICROPEZIDAE**

**Calobatinae:** *Cnodacophora, Compsobata.*

**Micropezinae:** *Micropeza.*

**Taeniapterinae:** *Calobatina, Grallipeza, Hoplocheiloma, Rainieria, Taeniaptera.*

**NERIIDAE**

*Glyphidops, Odontoloxozus.*

**CYPSELOSOMATIDAE**

*Latheticomyia.*

**TANYPEZIDAE**

*Tanypeza.*

**STRONGYLOPHTHALMYIIDAE**

*Strongylophthalmyia.*

**PSILIDAE**

**Psilinae:** *Loxocera, Psila.*

**Chylizinae:** *Chyliza.*

**DIOPSIDAE**

*Sphyracephala.*

**LONCHAEIDAE**

**Dasiopinae:** *Dasiops.*

**Lonchaeinae:** *Earomyia, Lonchaea, Neosilba, Protearomyia.*

**OTITIDAE**

**Otitinae:** *Callopiostromyia, Cephalia, Ceroxys, Curranops, Delphinia, Diacrita, Dyscrasis, Haigia, Herina, Hiatus, Idana, Melieria, Myiomyrmica, Myrmecothea, Notogramma, Otites, Psaeoptera, Pseudotephritis, Seioptera, Tetanops, Tetropismenus, Tritoxa, Tujungia, Ulidiotites.*

**Ulidiinae:** *Acrosticta, Chaetopsis, Eumetopiella, Euxesta, Homalocephala, Oedopa, Paroedopa, Physiphora, Steneretma, Stenomyia, Stictomyia, Texasa, Zacompsia.*

**Not placed to subfamily in database:** *Axiologina, Prionella.*

**PLATYSTOMATIDAE**

*Amphicnephes, Pogonortalis, Rivellia, Senopterina.*

**TEPHRITIDAE**

Classification based on: Foote, R.H., Blanc, F.L., and A.L. Noorbom. 1993. **Handbook of the Fruit Flies (Diptera: Tephritidae) of America north of Mexico**. Cornell University Press. Ithaca. 571 pp.

**Dacinae:** *Bactrocera*, *Ceratitis*, *Dacus*.

**Trypetinae:** *Anastrepha*, *Chetostoma*, *Epochra*, *Euleia*, *Hexachaeta*, *Myoleja*, *Oedicarena*, *Paraterellia*, *Rhagoletis*, *Rhagoletotrypeta*, *Strauzia*, *Toxotrypana*, *Trypeta*, *Zonosemata*.

**Tephritinae:** *Acidogona*, *Acinia*, *Aciurina*, *Acrotaenia*, *Dioxyna*, *Dyseuaresta*, *Callachna*, *Cecidocharella*, *Chaetostomella*, *Cryptotreta*, *Euaresta*, *Euarestoides*, *Eurosta*, *Eutreta*, *Gonioxyina*, *Gymnocarena*, *Icterica*, *Jamesomyia*, *Metatephritis*, *Neaspilota*, *Neotephritis*, *Orellia*, *Oxyina*, *Paracantha*, *Paroxyna*, *Peronyma*, *Procecidochares*, *Procecidocharoides*, *Rhynencina*, *Stenopa*, *Tephritis*, *Tomoplagia*, *Trupanea*, *Urophora*, *Valentibulla*, *Xanthaciura*, *Xanthomyia*, *Xenochaeta*.

#### PYRGOTIDAE

*Boreothrinax*, *Pyrgota*, *Pyrgotella*, *Sphecomyiella*, *Stenopyrgota*.

#### RICHARDIIDAE

**Epiplateinae:** *Automola*, *Omomyia*.

**Richardiinae:** *Coniceps*, *Odontomera*, *Richardia*, *Sepsisoma*.

#### PALLOPTERIDAE

*Palloptera*.

#### PIOPHILIDAE

**Piophilinae:** *Allopiophila*, *Amphipogon*, *Arctopiophila*, *Boreopiophila*, *Lasiopiophila*, *Liopiophila*, *Mycetaulus*, *Neopiophila*, *Parapiophila*, *Piophila*, *Prochyliza*, *Protopiophila*, *Stearibia*.

**Neottiophilinae:** *Actenoptera*.

#### LAUXANIIDAE

*Calliopum*, *Camptoprosopella*, *Deceia*, *Deutominettia*, *Homoneura*, *Lauxania*, *Lyciella*, *Mallochomyza*, *Melanomyza*, *Minettia*, *Neodeceia*, *Neogriphoneura*, *Oncodometopus*, *Pachyopella*, *Physegenua*, *Physoclypeus*, *Poecilolycia*, *Poecilominettia*, *Pseudocalliope*, *Sapromyza*, *Steganolauxania*, *Trigonometopus*, *Trisapromyza*, *Trivialia*, *Trypetisoma*, *Xeniconneura*, *Xenochaetina*, *Xenoptrella*.

#### CHAMAEMYIIDAE

**Cremifaniinae:** *Cremifania*.

**Chamaemyiinae:** *Chamaemyia*, *Leucopis*, *Lipoleucopis*, *Paraleucopis*, *Plunomia*, *Pseudodinia*, *Pseudoleucopis*, *Toropamecia*.

#### COELOPIDAE

*Coelopa*, *Coelopina*.

#### DRYOMYZIDAE

**Helcomyzinae:** *Helcomyza*, *Heterocheila*.

**Dryomyzinae:** *Dryomyza*, *Oedoparena*.

#### SCIOMYZIDAE

Classification from: Knutson, L., Orth, R.E., Fischer, T.W., and W.L. Murphy. 1986. Catalog of Sciomyzidae (Diptera) of America north of Mexico. *Entomography*, 4:1-53.

**Sciomyzinae:** *Anticheta*, *Atrichomelina*, *Colobaea*, *Dictya*, *Dictyacium*, *Elgiva*, *Euthycera*, *Hedria*, *Hoplodictya*, *Limnia*, *Pherbecta*, *Pherbellia*, *Poecilographa*, *Pteromicra*, *Renocera*, *Sciomyza*, *Sepedomerus*, *Sepedon*, *Tetanocera*, *Trypetoptera*.

#### ROPALOMERIDAE

*Rhytidops*.

#### SEPSIDAE

**Orygmatinae:** *Orygma*.

**Sepsinae:** *Decachaetophora*, *Enicita*, *Enicomera*, *Meroplius*, *Nemopoda*, *Palaeosepsis*, *Saltella*, *Sepsidimorpha*, *Sepsis*, *Themira*.

#### CLUSIIDAE

**Clusiinae:** *Clusia*, *Heteromeringia*, *Sobarocephala*.

**Clusiodinae:** *Clusiodes*.

#### DIPTERA: CLASSIFICATION

**ACARTOPHTHALMIDAE***Acartophthalmus.***ODINIIDAE***Neoalticomerus, Odiina, Traginops.***AGROMYZIDAE****Agromyzinae:** *Agromyza, Hexomyza, Japanagromyza, Melanagromyza, Ophiomyia, Trilobomyza.***Phytomyzinae:** *Amauromyza, Calycomyza, Cerodontha, Chromatomyia, Galiomyza, Haplomyza, Haplopeodes, Liriomyza, Metopomyza, Nemorimyza, Paraphytomyza, Phytobia, Phytoliriomyza, Phytomyza, Pseudonapomyza.***Not placed to subfamily in database:** *Cecidomyiaceltis.***OPOMYZIDAE***Anomalochaeta, Geomyza, Opomyza.***ANTHOMYZIDAE***Anthomyza, Ischnomyia, Mumetopia.***AULACIGASTRIDAE***Aulacigaster, Cyamops, Stenomicra.***PERISCELIDIDAE***Periscelis.***ASTEIIDAE****Sigaloessinae:** *Astiosoma, Leiomyza, Phlebosotera, Sigaloessa.***Asteiinae:** *Asteia.***BRAULIDAE***Braula.***CARNIDAE***Carnus, Hemeromyia, Meoneura.***TETHINIDAE***Masoniella, Neopelomyia, Pelomyia, Pelomyiella, Tethina.***CANACEIDAE**Classification from: Mathis, W.N. 1992. **World Catalog of the Beach-fly Family Canaceidae (Diptera).** Smithsonian Contributions to Zoology 536. 18 pp.**Canaceinae:** *Canace.***Nocticanaceinae:** *Canaceoides, Nocticanace, Procanace.***MILICHIIDAE****Madizinae:** *Aldrichiomyza, Desmometopa, Leptometopa, Madiza, Neophyllomyza, Paramyia, Phyllomyza, Stomosis.***Milichiinae:** *Eusiphona, Milichia, Milichiella, Pholeomyia.***CRYPTOCHETIDAE***Cryptochetum.***CHLOROPIDAE****Oscinellinae:** *Apallates, Aphanotrigonum, Biorbitella, Cadrema, Caviceps, Chaetochlorops, Conioscinella, Dasyopa, Dicraeus, Elachiptera, Eribolus, Eugaurax, Fiebrigella, Gaurax, Hapleginella, Hippelates, Incertella, Lasiopleura, Liohippelates, Lipara, Malloewia, Melanochaeta, Monochaetoscinella, Neoscinella, Olcella, Opetiophora, Oscinella, Oscinisoma, Oscinoides, Pseudogaurax, Rhodsiella, Rhopalopterum, Siphonella, Speccafrons, Stenoscinis, Tricimba.***Chloropinae:** *Cetema, Chlorops, Diplotaxa, Ectecephala, Elliponeura, Epichlorops, Homaluroides, Lasiosina, Meromyza, Neodiptotoxa, Parectecephala, Thaumatomyia, Trigonomma.***Not placed to subfamily in database:** *Dysartia, Sacatonia.***HELEOMYZIDAE****Suilliinae:** *Allophyla, Porsenus, Suillia.***Heleomyzinae:** *Acantholeria, Aecothea, Amoebaleria, Anorostoma, Anypotacta, Borboropsis, Eccoptomera, Heleomyza, Heteromyza, Lutomyia, Morpholeria, Neolera, Oldenbergiella, Orbellia, Pseudoleria, Schroederella, Scoliocentra, Spanoparea, Tephrochlamys, Trichoclamsy.*

**Rhinotorinae:** *Rhinotora*.

**Trixoscelidinae:** *Neossos*, *Paraneossos*, *Spilochroa*, *Trixoscelis*, *Zagonia*.

#### CHYROMYIDAE

*Aphaniosoma*, *Chyromya*, *Gymnochiromya*.

#### SPHAEROCERIDAE

**Limosinae:** *Apteromyia*, *Aptilotus*, *Bitheca*, *Bromeloecia*, *Ceroptera*, *Halidayina*, *Leptocera*, *Minilimosina*, *Nearcticorpus*, *Phthitia*, *Pseudocollinella*, *Pterogramma*, *Pullimosia*, *Rudolfina*, *Sclerocoelus*, *Spelobia*, *Telomerina*, *Terrilimosina*, *Thoracochaeta*, *Trachyopella*, *Xenolimosina*.

**Sphaerocerinae:** *Mesosphaerocera*, *Parasphaerocera*, *Sphaerocera*.

**Copromyzinae:** *Copromyza*, *Crumomyia*, *Ischiolepta*, *Lotophila*, *Norrbomia*.

**Not placed to subfamily in database:** *Herniosina*.

#### CURTONOTIDAE

*Curtonotum*.

#### CAMILLIDAE

*Camilla*.

#### DROSOPHILIDAE

**Steganinae:** *Amiota*, *Cacoxenus*, *Gitona*, *Leucophenga*, *Pseudiasata*, *Rhinoleucophenga*, *Stegana*.

**Drosophilinae:** *Chymomyza*, *Cladochaeta*, *Dettopsomyia*, *Diathoneura*, *Drosophila*, *Microdrosophila*, *Mycodrosophila*, *Paramycodrosophila*, *Scaptomyza*.

#### DIASTATIDAE

*Campichoeta*, *Diastata*.

#### EPHYDRIDAE

Classification from: Mathis, W.N., and T. Zatwarnicki. 1995. **World Catalog of Shore Flies (Diptera: Ephydriidae)**. Memoirs on Entomology International. Volume 4. Associated Publishers. 423 pp.

**Discomyzinae:** *Ceropsilopa*, *Clanoneurum*, *Clasiopella*, *Cressonomyia*, *Discomyza*, *Guttipsilopa*, *Helaeomyia*, *Leptopsilopa*, *Mimapsilopa*, *Paratissa*, *Psilopa*, *Rhysophora*, *Trimerina*, *Trimerinoides*.

**Hydrelliinae:** *Asmeringa*, *Atissa*, *Hydrellia*, *Lemnaphila*, *Notiphila*, *Oedenops*, *Paralimna*, *Ptilomyia*, *Schema*, *Typopsilopa*.

**Gymnomyzinae:** *Allotrichoma*, *Athyroglossa*, *Diclasiope*, *Discocerina*, *Ditrichophora*, *Diphua*, *Gastrops*, *Glenanthe*, *Gymnoclasiope*, *Hecamede*, *Hecamedoides*, *Hydrochasma*, *Lipochaeta*, *Mosillus*, *Ochthera*, *Placopsidella*, *Platygymnopa*, *Polytrichophora*.

**Ilytheinae:** *Axysta*, *Hyadina*, *Ilythea*, *Lytogaster*, *Nostima*, *Pelina*, *Philygria*, *Pseudohyadina*, *Zeros*.

**Ephydrinae:** *Brachydeutera*, *Callinapaea*, *Calocoenia*, *Cirrula*, *Coenia*, *Dimecoenia*, *Ephydra*, *Eutaenionotum*, *Haloscatella*, *Lamproscatella*, *Limnellia*, *Paracoenia*, *Parydra*, *Philotelma*, *Rhinonapaea*, *Scatella*, *Scatophila*, *Setacera*, *Thinoscattella*.

### Superfamily MUSCOIDEA - SCHIZOPHORA - CALYPTRATA

#### HIPPOBOSCIDAE

**Hippoboscinae:** *Hippobosca*.

**Ornithomyiinae:** *Icosta*, *Microlynchia*, *Myiophthiria*, *Olfersia*, *Ornithoctona*, *Ornithoica*, *Ornithomyia*, *Pseudolynchia*, *Stilbometopa*.

**Lepopteninae:** *Lipoptena*, *Melophagus*, *Neolipoptena*.

#### STREBLIDAE

**Trichobiinae:** *Nycterophilia*, *Paratrachobius*, *Trichobius*.

#### NYCTERIBIIDAE

*Basilia*.

#### SCATHOPHAGIDAE

### DIPTERA: CLASSIFICATION

*Acanthocnema, Allomyella, Americina, Brooksiella, Bucephalina, Ceratinostoma, Chaetosa, Cordilura, Cordylurella, Cosmetopus, Delina, Dromogaster, Eroneura, Gimnomera, Gonarcticus, Gonatherus, Hexamitocera, Huckettia, Hydromyza, Megaphthalma, Megaphthalmoides, Microprosopa, Nanna, Neochirosia, Neorthoceta, Norellisoma, Okeniella, Orthacheta, Parallelomma, Peratomyia, Plethochaeta, Pleurochaetella, Pogonota, Scathophaga, Spaziphora, Synchysa, Trichopalpus.*

**ANTHOMYIIDAE**

**Fucelliinae:** *Fucellia*.

**Anthomyiinae:** *Acrostilpna, Alliopsis, Anthomyia, Boreophorbia, Botanophila, Calythea, Chelisia, Chiastocheta, Chirosia, Craspedochoeta, Crinurina, Delia, Egle, Eummesomyia, Eustalomyia, Eutrichota, Heterostylodes, Hydrophoria, Hylemya, Hylemyza, Lasiomma, Leucophora, Macateeia, Macrophorbia, Myopina, Oxyphorbia, Paradelia, Parapegomyia, Paregle, Pegohylemyia, Pegomya, Pegoplata, Phorbia, Pycnoglossa, Strobilomyia.*

**Not placed to subfamily in database:** *Acridomyia, Coenosopsia.*

**FANNIIDAE**

*Azelia, Euryomma, Fannia, Piezura.*

**MUSCIDAE**

**Coenosiinae:** *Atherigona, Bithoracochaeta, Caricea, Coenosia, Limnospila, Macrorchis, Pentacricia, Pseudocoenosia, Schoenomyza, Tetramerinx.*

**Lispinae:** *Lispe.*

**Limnophorinae:** *Bucephalomyia, Gymnodia, Limnophora, Lispoides, Mydaeina, Spilogona.*

**Mydaeinae:** *Ariciella, Hebecnema, Helina, Mydaea, Myospila, Opsolasia.*

**Phaoniinae:** *Bigotomyia, Coenosopsia, Drymeia, Eupogonomyia, Hydrotaea, Lophosceles, Muscina, Neohydrotaea, Phaonia, Plexiopsis, Polietes, Potamia, Thricops.*

**Muscinae:** *Eudasyphora, Graphomya, Mesembrina, Morellia, Musca, Neomuscina, Neomyia, Philornis, Pyrellia, Synthesiomyia.*

**Stomoxiinae:** *Haematobia, Lyperosiops, Stomoxys.*

**CALLIPHORIDAE**

**Rhiniinae:** *Stomarhina.*

**Chrysoimyinae:** *Chloroprocta, Cochliomyia, Compsomyiops, Phormia, Protocalliphora, Protophormia, Trypocalliphora.*

**Calliphorinae:** *Bellaridia, Calliphora, Cyanus, Cynomya.*

**Luciliinae:** *Lucilia.*

**Polleniinae:** *Melanodexia, Melanomya, Pollenia.*

**SARCOPHAGIDAE**

Classification taken from: Pape, T. 1996. **Catalogue of the Sarcophagidae of the World (Insecta: Diptera)**. Memoirs on Entomology International. Volume 8. 558 pp.

**Miltogramminae:** *Amobia, Eumacronychia, Euphyto, Gymnoprosope, Gymnopsidia, Macronychia, Metopia, Oebalia, Opsidia, Phrosinella, Senotainia, Sphenometopa, Taxigramma.*

**Paramacronychiinae:** *Angiometopa, Brachicoma, Cattasoma, Erythrandra, Toxonagria, Wohlfahrtia.*

**Sarcophaginae:** *Agria, Archimimus, Argoravinia, Blaesoxipha, Boettcheria, Chrysagria, Cistudinomyia, Comasarcophaga, Dexosarcophaga, Emblemiasoma, Fletcherimyia, Helicobia, Lepidodexia, Mecynocorpus, Microcerella, Oxysarcodexia, Peckia, Rafaelia, Ravinia, Sarcodexia, Sarcodexiopsis, Sarcophagtiopsis, Sarcophaga, Spirobolomyia, Titanogrypa, Tricharaea, Tripanurga, Udamopyga.*

**RHINOPHORIDAE**

*Bezzimyia, Melanophora, Styloneuria.*

**TACHINIDAE**

The last classification of the North American Tachinidae with an assignment of genera to subfamilies appears to be: Sabrosky, C.W., and P.H. Arnaud, in Stone et al., 1965. **A Catalog of the Diptera of America north of Mexico**, pp. 961-1108. Changes in the subfamily classification have since been proposed, but none of these new proposals have listed the North American genera

by subfamily. Therefore the Sabrosky and Arnaud subfamily scheme is followed here with appropriate changes for work published between the above catalog and the present date.

**Phasiinae:** *Arctophyto*, *Beskia*, *Besseria*, *Billaea*, *Campogaster*, *Catharosia*, *Chiricahuia*, *Cinochira*, *Clairvillia*, *Cylindromyia*, *Dinera*, *Dolichocodia*, *Epigrimyia*, *Euchaetogyne*, *Euclytia*, *Eugymnogaster*, *Eumegaparia*, *Euphasiopteryx*, *Euscopolia*, *Euthera*, *Eutrixia*, *Gymnoclytia*, *Gymnosoma*, *Hemyda*, *Hesperodinera*, *Imitomyia*, *Isidotus*, *Kirbya*, *Leucostoma*, *Megaparia*, *Megapariopsis*, *Microchaetina*, *Microphthalma*, *Mochlosoma*, *Myiophasia*, *Nicephorus*, *Nimioglossa*, *Oestrophasia*, *Opsotheresia*, *Orestilla*, *Ormia*, *Orthosimyia*, *Phalacrophyto*, *Phasia*, *Phasiops*, *Prosenena*, *Prosenoides*, *Ptilodexia*, *Strongygaster*, *Trichoclytia*, *Trichopoda*, *Trixodes*, *Ursophyto*, *Xanthomelanodes*.

**Tachininae:** *Adejeania*, *Aphria*, *Archytas*, *Asseclamyia*, *Athrycia*, *Bigonicheta*, *Bombyliomyia*, *Chaetophlepsis*, *Chaetoplagia*, *Chlorohystricia*, *Chrysotachina*, *Cockerelliana*, *Copecrypta*, *Cyrtophleba*, *Deopalpus*, *Dichocera*, *Epalpus*, *Euptilopareia*, *Ginglychaeta*, *Goniochaeta*, *Gymnocheta*, *Hineomyia*, *Hypovoria*, *Hystricia*, *Impeccantia*, *Jurinella*, *Juriniopsis*, *Linnaemya*, *Lydina*, *Lypha*, *Macromyia*, *Mactomyia*, *Mauromyia*, *Melanophrys*, *Meleterus*, *Menetus*, *Metaplagia*, *Microtrichomma*, *Neosolieria*, *Ostracophyto*, *Panzeria*, *Paradejeania*, *Paradmontia*, *Pararchytas*, *Parepalpus*, *Peleteria*, *Plagiomima*, *Protodejeania*, *Psilopleura*, *Pyraustomyia*, *Solieria*, *Spilochaetosoma*, *Tachina*, *Trafoia*, *Trochilodes*, *Uclesia*, *Voria*, *Wagneria*, *Xanthoepalpus*, *Xanthophyto*.

**Dexiinae:** *Anthomyiopsis*, *Blepharomyia*, *Chaetonodexodes*, *Chaetonopsis*, *Cholomyia*, *Cleonice*, *Dexia*, *Ervia*, *Euantha*, *Eubrachymera*, *Eucordyligaster*, *Eulasiona*, *Genea*, *Hyalurgus*, *Leskia*, *Leskiopsis*, *Macquartia*, *Meledonus*, *Metopomuscopteryx*, *Muscopteryx*, *Ochrocera*, *Paradidyma*, *Pelatachina*, *Periscepsia*, *Phyllomya*, *Phyllophilopsis*, *Prospherysa*, *Spathidexia*, *Thelaira*, *Uramya*, *Vanderwulpia*, *Zelia*.

**Goniinae:** *Acemya*, *Actia*, *Admontia*, *Allophorocera*, *Angustia*, *Anisia*, *Anoxynops*, *Aplomya*, *Atacta*, *Atactopsis*, *Austrophorcera*, *Belida*, *Belyosia*, *Belpharipa*, *Bessa*, *Blondelia*, *Buquetia*, *Calolydella*, *Carcelia*, *Catagoniopsis*, *Celatoria*, *Ceracia*, *Ceromasia*, *Ceromya*, *Chaetexorista*, *Chaetocrania*, *Chaetogaedia*, *Chaetoglossa*, *Chaetostigmoptera*, *Chetogena*, *Chrysoexorista*, *Clastoneuriopsis*, *Clausicella*, *Cloacina*, *Compsilura*, *Crocinosoma*, *Cryptomeigenia*, *Cyzenis*, *Diplostichus*, *Distichona*, *Dolichotarsus*, *Drepanoglossa*, *Drino*, *Eleodiphaga*, *Eribella*, *Erynnia*, *Erynniopsis*, *Eucelatoria*, *Euceromasia*, *Eucnephalia*, *Eucoronimyia*, *Euexorista*, *Euhalidaya*, *Eumasicera*, *Eunemorilla*, *Evidomyia*, *Exorista*, *Frontiniella*, *Gaediopsis*, *Ginglymia*, *Gonia*, *Gonocera*, *Graphogaster*, *Guerinia*, *Gueriniopsis*, *Gymnocarcelia*, *Hemisturmia*, *Hesperomyia*, *Houghia*, *Hubneria*, *Hypertrophocera*, *Hypertrophomma*, *Hyphantrophaga*, *Istocheta*, *Leschenaultia*, *Lespesia*, *Lixophaga*, *Lydella*, *Madremyia*, *Masiphya*, *Masistylum*, *Medina*, *Meigenia*, *Meigenielloides*, *Miamimyia*, *Milonius*, *Myiopharus*, *Myothyriopsis*, *Mystacella*, *Myxexoristops*, *Neaera*, *Nemorilla*, *Neomintho*, *Nilea*, *Obolocera*, *Onychogonia*, *Opsomeigenia*, *Oraphasmophaga*, *Orasturmia*, *Oswaldia*, *Oxynops*, *Paraphasmophaga*, *Parasetigena*, *Patelloa*, *Phantasiomyia*, *Phasmophaga*, *Phebellia*, *Phorocera*, *Phryxe*, *Phytomyptera*, *Picconia*, *Platymya*, *Policheta*, *Prodegeeria*, *Pseudapinops*, *Pseudochaeta*, *Siphona*, *Siphosturmia*, *Sisyropa*, *Spallanzania*, *Steleoneura*, *Sturmia*, *Tachinomyia*, *Thelairodoria*, *Thelymyia*, *Thematheca*, *Torosomyia*, *Townsendiellomyia*, *Trigonospila*, *Tsugaea*, *Vibrissina*, *Winthemia*, *Zaira*, *Zizyphomyia*.

**Unplaced to subfamily in database:** *Chessipus*, *Coloradomyia*, *Enrogalia*, *Heliodorus*, *Ligeria*, *Loewia*, *Megaprosopus*, *Myatelemus*, *Otomasicera*, *Proselenus*, *Trismegistomyia*.

## OESTRIDAE

**Cuterebrinae:** *Cuterebra*.

**Oestrinae:** *Oestrus*.

**Cephenemyiinae:** *Cephenemyia*.

**Gasterophilinae:** *Gasterophilus*.

**Hypodermatinae:** *Hypoderma*.

**Unplaced to subfamily in database:** *Suioestrus*.