

ADDITIONAL LIST OF INSECTS TAKEN IN ALPINE REGION OF MT. WASHINGTON.

By ANNIE TRUMBULL SLOSSON.

The following list of insects I have captured, in 1897, on Mt. Washington is the fifth I have published. It contains over 200 names. Among these are many new species, and at least one new genus. The five lists include over 1300 species, all taken on or near the summit of the mountain and at or above 5500 feet altitude.

Let me again acknowledge, with thanks, the great assistance cheerfully rendered me by Messrs. Liebeck, Coquillett, Ashmead, Fox, MacGillivray, Van Duzee, Banks and others.

HYMENOPTERA.

Tenthredinidæ.

- Xiphydria tibialis *Say.*
- Tenthredopsis semilutea *Nort.*
- Macrophyia n. sp.
- Pamphilus n. sp.
- Acordulocera sayi *Mac G.* n. sp.
- Tenthredo subrufescens *Kirby.*
- Rhogogastera evansii *Harvey.*
- Pœcilosoma sp.
- Gymnonychus appendiculatus *Hart*
- Amauronematus fulvipes *Nort.*
- “ anniea *Mac G.* n.
[sp.]

Cynipidæ.

- Diastrophus nebulosus *O. S.*
- Hexaplasta annæ *Ashm.* n. sp.
- Andricus sp.

Chalcididæ.

- Smicra torvina *Cr.*
- Tetrastichus sp.
- “ “

Braconidæ.

- Habrobracon hebetor *Say.*
- Chremylus terminalis *Ashm.*
- Amicoplus crambi *Ashm.*
- Apanteles atalantæ *Pack.*
- “ notodontæ *Ashm.* [sp.]
- Neoblaucus rufipes *Ashm.* n. gen. n.
- Mesocrina flaviventris *Ashm.* n. sp.

Ichneumonidæ.

- Ichneumon signatipes *Cr.*
- Exochilum nigrovenarium *Brulle.*
- Mesochorus vitreus *Walsh.*
- “ aprilinus *Ashm.*
- Prœdrus delicatus *Ashm.* n. sp.
- Pyracmon clypeatum *Ashm.*
- Leptopygus monticola *Ashm.*
- Isotina tibialis *Ashm.*
- Aperilaptus parvus *Ashm.*
- Homaspis slossonæ *Ashm.*
- Hypoleptus columbianus *Ashm.*
- “ monticola *Ashm.* n. sp.
- Phænosemus alticola *Ashm.* n. sp.
- Cryptus exilis *Prov.*
- Asyncrita compressa *Ashm.*
- Hemiteles longicornis *Prov.*
- Phygadeuon alticola *Ashm.* n. sp.
- “ alacris *Prov.*
- “ vulgaris *Cr.*
- Orthocentrus carinatus *Prov.* [n. s.
- Trachyporthus americanus *Ashm.*

Proctotrypidæ.

- Proctotrypes monticola *Ashm.*
- Anectata hirtifrons *Ashm.* [n. sp.]
- Zygota americana *Ashm.*
- Aneurhynchus virginicus *Ashm.*

Chrysididæ.

- Chrysis nitidula *Fab.*

Pemphredonidæ.

- Pemphredon angularis *Fox.*

Eumenidæ.

Odynerus albophaleratus *Sauss.*
" sp. (near cristatus *Sauss.*)

COLEOPTERA.**Carabidæ.**

Loricera cærulescens *Linn.*
Pterostichus luctuosus *Dej.*
Amara angustata *Say.*
Lebia viridis *Say.*

Dytiscidæ.

Hydroporus tristis *Payk.*
" latifrons *Sharp.*
Agabus ambiguus *Say.*

Hydrophilidæ.

Helophorus lineatus *Say.*
Cercyon haemorrhoidalis *Fab.*

Staphylinidæ.

Stenus punctatus *Er.*
" femoratus *Say.*

Phalacridæ.

Olibrus neglectus *Casey.*

Coccinellidæ.

Coccinella monticola *Muls.*
Hyperaspis signata *Qliv.*
" undulata *Say.*

Endomychidæ.

Mycetina perpulchra *Newm.*

Erotylidæ.

Mycotretus dissimulata *Cr.*

Cryptophagidæ.

Antherophagus ochraceus *Melsh.*

Histeridæ.

Hister cognatus *Lec.* ?

Nitidulidæ.

Cercus pennatus *Murr.*

Latridiidæ.

Corticaria grossa *Lec.*

Trogositidæ.

Peltis ferruginea *Linn.*
Calitys scabra *Thunb.*

Byrrhidæ.

Byrrhus kirbyi *Lec.*

Elateridæ.

Cryptohypnus var. lucidulus *Mann.*
Melanotus leonardi *Lec.*
Campylus productus *Rand.*
Corymbites nigricollis *Bland.*
" hamatus *Say.*

Throscidæ.

Throscus constrictor *Say.*

Buprestidæ.

Anthaxia viridifrons *Lat.*
✓ Agrilus otiosus *Say.*

Lampyridæ.

Pyropyga fenestralis *Melsh.*
Pyractomena lucifera *Melsh.*
Telephorus bilineatus *Say.*

Malachidæ.

Attalus terminalis *Er.*

Ptinidæ.

Cænocara intermedia *Lec.*

Scarabæidæ.

Onthophagus pennsylvanicus *Har.*
Aphodius hyperboreus *Lec.*
" vittatus *Say.*
" rubripennis *Horn.*
Serica sericea *Ill.*
Trichius affinis *Gory.*

Cerambycidæ.

Neoclytus erythrocephalus *Fab.*
Anthophilax malachiticus *Hald.*
Acmaeops pratensis *Laich.*

Chrysomelidæ.

Lina lapponica *Linn.*

Crepidodera robusta *Lec.*

Melandryidæ.

Phryganophilus collaris *Lec.*

Pythidæ.

Pytho americanus *Kirby.*

Mordellidæ.

Mordellistena morula *Lec.*

Rhinomaceridæ.

Rhinomacer pilosus *Lec.*

Curculionidæ.

Pissodes dubius *Rand.*

Magdalis sp.

Magdalis sp.
 Elleschus bipunctatus *Linn.*
 Orchestes ephippiatus *Say.*
 Cnemogonus lecontei *Dietz.*
 Ceutorhynchus decipiens *Lec.*
 Balaninus nasicus *Say.*

DIPTERA.

Platyura elegans *Cog.*
 Polylepta grisea *Walk.*
 Dynastosoma scalaris *Lw.*
 Mycetophila bifasciata *Walk.*
 " *bipunctata Lw.*
 " *n. sp.*
 Sciara inconstans *Fitch.*
 Simulium meridionale *Riley.*
 Hesperinus brevifrons *Walk.*
 Scatopse brevicornis *Meig.*
 Culex impiger *Walk.*
 Chironomus festivus *Say.*
 " *riparius Meig.*
 " *n. sp.?*
 Tanypus decadens *Walk.*
 " *concinnus Cog.*
 " *n. sp.?*
 Ceratopogon sp.
 Psychoda alternata *Say.*
 Erioptera armata *O. S.*
 Symplectra punctipennis *Meig.*
 Limnophila areolata *O. S.*
 Trichocera gracilis *Walk.*
 Tipula cincta *Lw.*
 " *fragilis Lw.*
 Pachyrrhina ferruginea *Fab.*
 Leptis incisa *Lw.*
 Asilus annulatus *Willst.*
 Dasyllis sacrator *Walk.*
 Thereva strigipes *Lw.*
 Empis laevigata *Lw.*
 Microphorus? sp.?
 Rhamphomyia longipennis *Lw.*
 " *rustica Lw.*
 " *n. sp.*
 " *n. sp.*
 Cyrtoma longipes *Lw.*
 " *pilipes Lw.*

Tachydromia rapax *Lw.*
 Diaphorus n. sp.?
 Xanthochlorus helvinus *Lw.*
 Chilosia petulea *Willst.*
 Melanostoma obscurum *Say.*
 Platychirus ciliatus *Bigot.*
 Syrphus arcuatus *Fall.*
 " *disjectus Willst.*
 " *n. sp.*
 Didea fuscipes *Lw.*
 Brachyopa notata *O. S.*
 Sericomyia chrysotoxoides *Macq.*
 Myopa clausa *Lw.*
 Pipunculus n. sp.
 " *n. sp.*
 Nephrocerus* n. sp.
 Platypeza velutina *Lw.*
 Exorista grisiomicans *V. d. W.*
 Hypostena variabilis *Cog.*
 Thryptocera flavipes *Cog.*
 Rhynchodexia rufipennis *Macq.*
 Ptilodexia tibialis *Desv.*
 Helicobia helicis *Town.*
 Lucilia cornicina *Fab.*
 Anthomyia latitarsis *Zett.*
 Pegomyia vicina *Lint.*
 Lispa sociabilis *Lw.*
 Anthomyid n. gen.? n. sp.?
 Phorbia acra *Walk.*
 " *n. sp.*
 Cordylura carbonaria *Walk.*
 " *gracilipes Lw.*
 " *pleuritica Lw.*
 Scatophaga squalida *Meig.*
 " *canadensis Walk.*
 Blepharoptera leucostoma *Lw.*
 Tetanocera sparsa *Lw.*
 " *n. sp.*
 Sepedon pusillus *Lw.*
 Loxocera pectoralis *Lw.*
 Psila collaris *Lw.*
 Psairoptera* n. sp.
 Sapromyza cincta *Lw.*
 Heteroneura flavifascies *Cog.*
 " *pictipes* Zett.*

* "Not before recognized from America," D. W. Coquillett.

Sepsis violacea *Meig.*
Anthomyza tenuis *Lw.*
Stegana coleoptrata *Scop.*
Drosophila graminum *Fall.*
Crassiseta longula *Lw.*
Oscinis trigramma *Lw.*
Borborus geniculatus *Macq.*
Phora minuta *Ald.*

HEMIPTERA.**Heteroptera.**

Zicrona cupræa *Dallas.*
Pilophorus amœmus *Uhl.*

Homoptera.

Cixius colœpium *Fitch.*

Stenocranus laetus *Van D.*
Cicadula punctifrons var. *ameri-*
 cana *Van D.*

NEUROPTERA.

Hemerobius sp.
Nemoura venosa *Bks.*
Psocus striatus *Burm.*

ORTHOPTERA.

Melanoplus extremus.

ARACHNIDÆ.

Ergane borealis *Blk.*
Cornicularia directa *Camb.*
Philodroma rufus *Walsh.*

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TYPES IN THE NEUMOEGEN COLLECTION.
WITH A FEW NOTES THEREON.

By Dr. RODRIGUES OTTOLENGUI.*

(Continued from vol. vii, p. 230.)

Omia nesææ ♀ Smith. Utah.

In Mr. Neumoegen's notes both the genus and the species are credited to Smith. No mention of either appears in Smith's Check List nor his Catalogue of Noctuidæ. In the latter on page 284, *Omia* is alluded to as a synonym. I cannot clear up this mystery, not knowing where the description of the species was published.

Schinia tenuescens ♂ (♀) Grt. Colorado.

Type label reads *Lygranthæcia tenuescens*.

Schinia biundulata ♀ Smith. Texas.

Schinia arefacta ♀ Hy. Edw. Florida.

Type label reads *Tamilla arefacta*.

Schinia unimacula ♀ Smith. Colorado, Bruce.

Schinia obliqua ♂ (♂) Smith.

Locality label missing. Habitat in Arizona.

* When this work was begun it was undertaken with little realization of the time which would be required. After the first instalment had been prepared the collection was moved from New York city to Brooklyn, where it now is deposited in the museum of the Brooklyn Institute awaiting a purchaser. This has necessitated special trips to that city for each instalment and must account for lapse of time between each. As an example of the work involved it may not be amiss to mention that the present instalment is the result of eleven hours spent examining the types, besides the time occupied in writing, etc. This concludes the Noctuids, but there are still the Geometers and foreign species to be enumerated. Previous instalments of this article may be found on pages 216-220, vol. vi; also 227-230, vol. vii.



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