

## SUPPLEMENT TO PSYCHE,—II.

### LIST OF MT. WASHINGTON COLEOPTERA.

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A number of lists of Coleoptera from this region have been published from time to time, and rather than add another, it seemed best to make a consolidation, complete through 1895; a few species mentioned in former lists with a query, (probably included herein under other names) and one or two species believed to have been incorrectly determined, have been omitted.

Mr. Frederick Blanchard has added many species, and given much time, and Mr. Samuel Henshaw has very kindly done the same, and the size of the list is largely due to their efforts. *Cryptobium latebricola* Nord. and *Microclytus gazellula* Hald., are inserted as species at the suggestion of Mr. Blanchard.

Borne by the wind, species from the adjacent country are carried over the mountain, and are collected in great numbers on the Summit, so that a general list of Summit captures includes not only the strictly Arctic fauna, but very many chance visitors.

A warm day with a south wind, produces a wonderful crop of beetles on the Summit; the air is filled with them;

the white painted hotel is a great attraction for many, and the collector is kept busy merely looking over the walls of the buildings; these flights seem worthy of close study, i. e., direction, duration, times, etc., as indicating what goes on all over the country in a greater or less degree; here the mountain enables us to be in the midst of the flight and get an idea of the extent of the migration or moving about of species.

Early in the season is much the best time for collecting, as the cold weather comes very early, and towards the end of July many species have disappeared; one of the most interesting large species listed last summer was the brown variety of *Agabus tristis* Aubé, taken ordinarily in Alaska and high Colorado. Future collecting will doubtless add many small alpine species, and the "Lakes of the Clouds" need careful dredging early in the season, to show their best array of water beetles.

It is hoped the list will serve as a basis for future collectors to attempt a list of the whole White Mountain region, as well as a convenience to collectors on Mt. Washington itself.

## CICINDELIDAE.

- Cicindela longilabris* Say, July, summit.  
*6-guttata* Fab., July, summit.  
*purpurea* Oliv., July, summit.  
*ancocisconensis* Harr., July, summit.  
*vulgaris* Say, July, summit.  
*repanda* var. *12-guttata* Dej.

## CARABIDAE.

- Cychrus nitidicollis* var. *Brevoorti* Lec.,  
 upper woods.  
*canadensis* Chd., upper woods.  
*Nomaretus bilobus* Say, upper woods.  
*Carabus chamissonis* Fisch., June, July, al-  
 pine.  
*serratus* Say.  
*Calosoma frigidum* Kby., July, summit.  
*Elaphrus olivaceus* Lec., Lake of Clouds.  
*fuliginosus* Say, July, summit.  
*riparius* Linn., Hermit Lake.  
*Blethisa Julii* Lec., Crawford bridle path.  
*Notiophilus sylvaticus* Esch., upper woods.  
*Hardyi* Putz., July, summit.  
*Nebria suturalis* Lec., June, July, very com-  
 mon, alpine.  
*Sahlbergi* Fisch., July, alpine.  
*pallipes* Say, July, common, summit.  
*Dyschirius globulosus* Say, summit.  
*Bembidium simplex* Lec.  
*scopulinum* Kby.  
*Grapii* Gyll.  
*versicolor* Lec., July, summit.  
*cautum* Lec., alpine.  
*mutatum* G. & H., July, summit.  
*4-maculatum* Linn., July, summit.  
*oblongulum* Mann., alpine.  
*Tachys nanus* Gyll., July, summit.  
*incurvus* Say, summit.  
*Patrobus septentrionis* Dej., summit.  
*rugicollis* Rand., July, summit.  
*Trechus rubens* Fab., July, summit.  
*Pterostichus adoxus* Say, July, summit.  
*rostratus* Newm., woods.  
*honestus* Say.  
*coracinus* Newm., July, summit.  
*punctatissimus* Rand., June, Halfway  
 House.
- lucublandus* Say, June, July, very common,  
 summit.  
*mutus* Say, near Halfway House.  
*vitreus* Dej., July, summit.  
*Luczotii* Dej., July, common, summit.  
*vindicatus* Mann., July, alpine.  
*hudsonicus* Lec., July, common alpine.  
*mandibularis* Kby., July, common alpine.  
*Amara arenaria* Lec., July, summit.  
*haematopus* Dej., July, not rare, alpine.  
*hyperborea* Dej., July, very common, sum-  
 mit, alpine.  
*latior* Kby., July, summit.  
*pallipes* Kby., July, summit.  
*cupreolata* Putz.  
*erratica* Duft., summit.  
*Calathus ingratus* Dej., July, carriage road.  
*advena* Lec.  
*impunctatus* Say.  
*Platynus angustatus* Dej., Halfway House.  
*maurus* Mots., Alpine.  
*sinuatus* Dej.  
*bicolor* Dej.  
*atratus* Lec.  
*affinis* Kby., July, summit.  
*cupripennis* Say, July, common, summit.  
*carbo* Lec., July, Hermit Lake (also  
 from Gunnison, Col.)  
*Bogemanni* Gyll., July, common, summit-  
 down.  
*quadripunctatus* DeG., July, summit.  
*ruficornis* Lec.  
*retractus* Lec.  
*Lebia pumila* Dej., July, summit.  
*furcata* Lec., July, summit.  
*Metabletus americanus* Dej., July, summit.  
*Cymindis cribricollis* Dej.  
*unicolor* Kby.  
*Chlaenius niger* Rand., July, one specimen,  
 summit.  
*Brachylobus lithophilus* Say.  
*Agonoderus pallipes* Fab., July, summit.  
*pauperculus* Dej.  
*Harpalus viridiaeneus* Beauv., July, com-  
 mon, summit.  
*pennsylvanicus* DeG.  
*spadiceus* Dej., Alpine.  
*pleuriticus* Kby., July, common, summit.

herbivagus Say, July, common, summit.  
 laticeps Lec., summit.  
 varicornis Lec., summit.  
*Stenolophus fuliginosus* Dej., summit.  
 conjunctus Say, July, common, summit.  
*Bradycellus cognatus* Gyll., summit.  
 neglectus Lec., Willis Seat, Lake of  
 Clouds.  
 cordicollis Lec.  
*Tachycellus nigrinus* Dej., July, summit,  
 Willis Seat.  
*Anisodactylus piceus* Lec.  
 rusticus Say, July, common, summit.  
 Harrisii Lec. summit.  
 baltimorensis Say, July, summit.

## HALIPLIDAE.

*Haliplus cribrarius* Lec., July, common,  
 Lakes of Clouds.  
 ruficollis DeG. July, common, Lakes,  
 of Clouds.

## DYTISCIDAE.

*Laccophilus maculosus* Germ., July, com-  
 mon, summit.  
*Bidessus affinis* Say, July, common, summit.  
 lacustris Say.  
*Coelambus dissimilis* G. & H., July, Lakes  
 of Clouds, 4 specimens.  
 impressopunctatus Sch., July, Lakes of  
 Clouds, 4 specimens.  
*Deronectes catascopium* Say, July, common,  
 Lakes of Clouds.  
*Hydroporus caliginosus* Lec., Hermit Lake.  
 signatus Mann., July, Lakes of Clouds.  
 morio Sharp, July, Lakes of Clouds.  
 vitulus Er. July, common, Lakes of Clouds.  
 americanus Aubé.  
 niger Say, July, Lakes of Clouds.  
 modestus Aubé, July, Lakes of Clouds.  
*Ilybius ater* De G., Hermit Lakes.  
 angustior Gyll., July, Lakes of Clouds,  
 1 specimen.  
*Coptotomus interrogatus* Fab., Hermit  
 Lakes.  
*Agabus seriatus* Say, July, common, summit  
 Hermit Lake.

semipunctatus Kby.  
 punctulatus Aubé, July, not rare, Lakes of  
 Clouds.  
 ambiguus Say, July, Lakes of Clouds.  
 anthracinus Mann., July, not rare, Lakes  
 of Clouds, alpine.  
 infuscatus Aubé, July, Lakes of Clouds.  
 reticulatus Kby. Hermit Lake.  
 tristis Aubé, July, *brown variety* very  
 common, Hermit Lake, Lake of Clouds;  
 alpine.  
 leptapsis Lec., July, Lake of Clouds.  
*Rhantus binotatus* Harr., July, common,  
 Lake of Clouds.  
 bistriatus Bergst, July, rare, Lakes of  
 Clouds.  
*Colymbetes longulus* Lec., July, rare, Lake  
 of Clouds.  
 sculptilis Harr., July, rare, Lakes of  
 Clouds.  
*Hydaticus stagnalis* Fab., July, Lakes of  
 Clouds, 1 specimen.  
*Dytiscus Harrisii* Kby., Lakes of Clouds.  
*Acilius semisulcatus* Aubé, July, very com-  
 mon, Lakes of Clouds, Hermit Lake.  
 fraternus Harr.  
 mediatus Say, July, not rare, Lakes of  
 Clouds.

## GYRINIDAE.

*Gyrinus ventralis* Kby.  
 affinis Aubé.  
*Dineutes assimilis* Aubé.  
 nigrior Rob., Hermit Lake.

## HYDROPHILIDAE.

*Helophorus linearis* Lec.  
 lineatus Say, Lakes of Clouds.  
 inquinatus Mann., summit.  
*Tropisternus mixtus* Lec., July, summit.  
 glaber Hbst., Lakes of Clouds.  
 sublaevis Lec., Hermit Lake.  
*Hydrocharis obtusatus* Say, July, Lakes of  
 Clouds.  
*Berosus striatus* Say, July, Lakes of Clouds.  
*Laccobius agilis* Rand, Lakes of Clouds.  
*Philhydrus perplexus* Lec., Lakes of Clouds.  
 consors Lec., Lakes of Clouds.

*Cymbiodyta fimbriata* Mels., July, Lakes of Clouds.  
*lacustris* Lec., July, Lakes of Clouds.  
*Helocombus bifidus* Lec., summit.  
*Hydrobius fuscipes* Linn., summit.  
*Creniphilus monticola* Horn, Hermit Lake, Peabody river.  
*subcupreus* Say, July, summit.  
*Cercyon* sp.

## SILPHIDAE.

*Necrophorus americanus* Oliv., Half-way House.  
*orbicollis* Say, Half-way House.  
*vespilloides* Hbst.  
*Silpha surinamensis* Fab., July, summit.  
*noveboracensis* Forst.  
*Choleva basillaris* Say.  
*Colon bidentatum* Sahlb, subalpine.  
*dentatum* Lec., sub-Alpine.  
*magnicolle* Mäkl, July, subalpine.  
*Hydnobius substriatus* Lec.  
*Anisotoma valida* Horn.  
*assimilis* Lec., summit.  
*Liodes globosa* Lec., near Lake of Clouds.  
*obsoleta* Horn.  
*geminata* Horn.  
*Agathidium exiguum* Mels.  
*repentinum* Horn, woods.  
*politum* Lec., woods.  
*pulchrum* Lec.  
*difforme* Lec., woods.

## SCYDMAENIDAE.

*Scydmaenus subpunctatus* Lec.  
*Brathinus nitidus* Lec., in drift wood along streams.  
*varicornis* Lec., in drift wood along streams.

## PSELAPHIDAE.

*Decarthron abnorme* Lec.

## STAPHYLINIDAE.

*Falagria dissecta* Er., July, summit.  
 sp? July, summit.

*Homalota picipennis* Mann.  
*Tachyusa* sp?  
*Acylophorus pronus* Er.  
*Quedius peregrinus* Grav.  
*laevigatus* Gyll., July, summit.  
*molochinus* Grav., July, summit.  
*fulvicollis* Steph.  
*brunnipennis* Mann., woods.  
*prostans* Horn.  
*Listrotrophus cingulatus* Grav., Willis Seat.  
*Staphylinus badipes* Lec., July, summit.  
*vulpinus* Nord., summit.  
*cinnamopterus* Grav., July, summit.  
*Tympanophorus puncticollis* Er., summit.  
*Philonthus palliatus* Grav., July, summit.  
*debilis* Grav. July, summit.  
*varians* Payk., July, summit.  
*fulvipes* Fab., July, summit.  
*Pettiti* Horn.  
*lomatus* Er., July.  
*aequalis* Horn. July, summit.  
*brunneus* Grav., July.  
*cyanipennis* Fab.  
*brevipennis* Horn, woods.  
*microphthalmus* Horn  
*Xantholinus obscurus* Er., July.  
*hamatus* Say, July, summit.  
*Baptolinus macrocephalus* Nord.  
*longiceps* Fauv., woods.  
*Dianous nitidulus* Lec.  
*Stenus bipunctatus* Er.  
*Juno* Fab.  
*Austini* Casey.  
*rugifer* Casey, Hermit Lake.  
*montanus* Casey.  
*alpicola* Er.  
*egenus* Er.  
*noctivagus* Casey.  
*monticola* Casey.  
*Cryptobium pallipes* Grav.  
*pallipes* var. *latebricola* Nord. Willis Seat.  
*Lathrobium concolor* Lec.  
*pedale* Lec.  
*Paederus littorarius* Grav., July, summit.  
*Sunius longiusculus* Mann., July, summit.  
*Tachinus parallelus* Horn.  
*pallipes* Grav.

Tachyporus jocosus Say, July, summit.  
 chrysomelinus Linn., July, summit.  
 scitulus Er. Alpine, sub-alpine.  
 Erchomus ventriculus Say, July, summit.  
 Conosoma Knoxii Lec., July, summit.  
 Boletobius cingulatus Mann.  
 intrusus Horn, July, summit.  
 anticus Horn.  
 obsoletus Say.  
 Bryoporus rufescens Lec., July, summit.  
 Mycetoporus humidus Say, July, summit,  
 Willis Seat.  
 splendidus Grav.  
 Oxyporus 5-maculatus Lec.  
 Oxytelus pennsylvanicus Er.  
 Ancyrophorus planus Lec., common, along  
 streams.  
 Geodromicus nigrata Müll.  
 Lesteva pallipes Lec. In moss along streams.  
 Acidota crenata Fab., July, summit.  
 quadrata Zett.  
 Arpedium cribratum Fauv.  
 Gyllenhalli Zett.  
 Olophrum rotundicolle Say.  
 Anthobium pothos Mann.  
 Micraedus austinianus Lec. In moss along  
 streams.  
 Protinus limbatus Mäkl.

## SCAPHIDIIDAE.

Scaphidium 4-guttatum var. 4-pustulatum  
 Say, summit.  
 Scaphium castanipes Kby., woods.  
 Scaphisoma terminatum Mels.  
 rubens Casey.

## COCCINELLIDAE.

Hippodamia 13-punctata Linn.  
 parenthesis Say, July, summit.  
 Coccinella trifasciata Linn., July, summit.  
 transversoguttata Fald., July, summit.  
 monticola Muls.  
 tricuspis Kby. summit, Willis Seat.  
 Adalia frigida Schn.  
 Harmonia picta Rand., July, summit.  
 14-guttata Linn.  
 var. similis Rand., July, summit.  
 12-maculata Gebl., July, summit.

Mysia pullata Say.  
 Anatis ocellata Linn., summit.  
 Psyllobora 20-maculata Say, July, summit.  
 Chilocorus bivulnerus Muls., July, summit.  
 Brachyacantha ursina Fab., July, summit.  
 Hyperaspis undulata Say, alpine.  
 signata Oliv.  
 proba Say.  
 bigeminata Rand., summit.  
 lugubris Rand., July, summit.  
 Scymnus puncticollis Lec., summit.  
 tenebrosus Muls., July, summit.

## ENDOMYCHIDAE.

Phymaphora pulchella Newm.  
 Lycoperdina ferruginea Lec., Willis Seat.  
 Mycetina perpulchra Newm.

## EROTYLIDAE.

Mycotretus pulchra var. dimidiata Lac.

## COLYDIIDAE.

Lasconotus borealis Horn, July, summit.  
 Cerylon castaneum Say.

## CUCUJIDAE.

Cucujus clavipes Fab., summit.  
 Laemophlaeus biguttatus Say, summit.

## CRYPTOPHAGIDAE.

Antherophagus ochraceus Mels.  
 Henoticus serratus Gyll., summit.  
 Cryptophagus sp.  
 Atomaria ephippiata Zimm., July, summit.

## DERMESTIDAE.

Byturus unicolor Say, summit.  
 Dermestes lardarius Linn.  
 Anthrenus castaneae Mels.  
 Orphilus glabratus Fab.

## HISTERIDAE.

Hister planipes Lec., July, summit.  
 interruptus Beauv., July, summit.

## NITIDULIDÆ.

- Cercus pennatus* Murr.  
*Epuraea immunda* Sturm.  
*truncatella* Mann., summit.  
*planulata* Er.  
*ovata* Horn, July, summit.  
*peltoides* Horn.  
*labilis* Er., summit.  
*Omosita colon* Linn., July, summit.  
*Ips fasciatus* Oliv., July, summit.  
*sanguinolentus* Oliv., July, summit.  
*confluentus* Say, sub-alpine.  
*Rhizophagus dimidiatus* Mann.  
*remotus* Lec., Glen.

## LATHRIDIIDÆ.

- Melanophthalmus distinguenda* Com.

## TROGOSITIDÆ.

- Peltis ferruginea* Linn.  
*Grynocharis 4-lineata* Mels.  
*Thymalus fulgidus* Er.

## BYRRHIDÆ.

- Pedilophorus subcanus* Lec., sub-alpine.  
*Cytilus sericeus* Forst., July, summit.  
*trivittatus* Mels., July, summit.  
*Byrrhus americanus* Lec., July, summit.  
*cyclophorus* Lec., July, summit.  
*geminatus* Lec., July, summit.  
*Pettitii* Horn, July, summit.  
*Kirbyi* Lec., July, summit.  
*Syncalypta* sp., July, summit.

## DASCYLLIDÆ.

- Macropogon rufipes* Horn.  
*Eucinetus oviformis* Lec., Glen.  
*testaceus* Lec., Glen.  
*Prionocyphon discoideus* Say, alpine.  
*Cyphon obscurus* Guér.  
*variabilis* Thun., summit.

## ELATERIDÆ.

- Deltometopus amoenicornis* Say.  
*Epiphaniis cornutus* Esch.

- Adelocera aurorata* Say, July, 2 specimens, summit.  
*brevicornis* Lec., July, summit.  
*Cardiophorus convexulus* Lec., July, 1 specimen, summit.  
*Cryptohypnus Sanborni* Horn, July, very plenty, summit, sub-alpine.  
*abbreviatus* Say, June; July, very common, summit.  
*nocturnus* Esch., summit.  
*var. bicolor* Esch., sub-alpine.  
*planatus* Lec.  
*Hypnoidus tumescens* Lec.  
*restrictulus* Mann., July, summit.  
*Elater carbonicolor* Esch., alpine  
*pedalis* Germ.  
*mixtus* Hbst., July, summit.  
*pullus* Germ., July, summit.  
*nigricollis* Hbst., alpine.  
*linteus* Say, alpine.  
*socer* Lec., July, summit.  
*semicinctus* Rand., July, rather rare, summit.  
*luctuosus* Lec.  
*nigricans* Germ.  
*rubricus* Say, July, common, summit.  
*apicatus* Say, July, common, summit.  
*Megapenthes stigmosus* Lec.  
*Agriotes mancus* Say, July, common, summit.  
*stabilis* Lec., July, common, summit.  
*fucosus* Lec., Willis Seat.  
*limosus* Lec., July, common, summit.  
*Dolopius lateralis* Esch. July, common, summit.  
*Melanotus scrobicollis* Lec., July, 1 specimen, summit, Willis Seat.  
*Limonium confusus* Lec., Willis Seat.  
*aeger* Lec.  
*pectoralis* Lec.  
*Campylus productus* Rand.  
*denticornis* Kby. July, summit, Willis Seat.  
*Athous scapularis* Say.  
*ruffrons* Rand.  
*Oestodes tenuicollis* Rand., July, summit.  
*Paranomus costalis* Payk., July, summit.  
*estriatus* Lec., Willis Seat.

*Sericosomus honestus* Rand., woods.  
*incongruus* Lec.  
*Corymbites virens* Sch., July, Aug., very  
 common, one specimen with entirely  
 green elytra, summit.  
*resplendens* Esch., July, common, summit.  
*cylindriformis* Hbst.  
*fulvipes* Bland.  
*spinus* Lec., July, very common, summit.  
*tarsalis* Mels.  
*carcinus* Germ., Willis Seat.  
*falsificus* Lec., July, summit.  
*insidiosus* Lec.  
*fallax* Say.  
*medianus* Germ., July, very common,  
 summit.  
*triundulatus* Rand., July, summit.  
*hamatus* Say.  
*propola* Lec., July, summit.  
*hieroglyphicus* Say, July, very plenty,  
 summit.  
*cruciatus* Linn., July, summit.  
*aeripennis* Kby., July, not rare, summit.  
*aratus* Lec., summit.  
*metallicus* Payk., July, summit.  
*Oxygonus obesus* Say, summit.  
 n. sp.  
*Asaphes decoloratus* Say, July, summit.

## THROSCIDAE.

*Aulonothroscus constrictus* Say.

## BUPRESTIDAE.

*Dicerca divaricata* Say, July, summit.  
*obscura* var. *lurida* Fab.  
*tenebrosa* Kirby.  
*Buprestis maculiventris* Say, July, summit,  
 Willis Seat.  
*fasciata* Fab.  
*Melanophila longipes* Say, July, summit.  
*Drummondi* Kby., July, summit.  
*fulvoguttata* Harr., July, summit.  
*Anthaxia aeneogaster* Lap., July, summit.  
*Chrysobothris femorata* Oliv., July, summit.  
*dentipes* Germ., July, summit.  
*scabripennis* Lap., July, summit.  
*trinervia* Kby., July, summit.

*Agrilus anxius* Gory, July, summit.  
*obsoletoguttatus* Gory, July, summit.  
*Brachys ovata* Web.

## LAMPYRIDAE.

*Calopteron reticulatum* Fab., Lake of  
 Clouds.  
*Celetes basalis* Lec.  
*Caenia dimidiata* Fab., July, summit.  
*Eros thoracicus* Rand.  
*aurora* Hbst., July, summit and Fabyan  
 Bridle Path.  
*sculptilis* Say.  
*crenatus* Germ.  
*Plateros modestus* Say, Lake of Clouds.  
*Lucidota atra* Oliv., summit.  
*Ellychnia corrusca* Linn., July, summit and  
 Fabyan Bridle Path.  
*Pyropyga nigricans* Say.  
*decipiens* Harr., July, summit.  
*Pyractomena lucifera* Mels., sub-alpine.  
*Photuris pennsylvanicus* DeG., Willis Seat.  
*Podabrus rugulosus* Lec., Willis Seat.  
*diadema* Fab., July, summit, Alpine and  
 sub-alpine.  
*modestus* Say.  
*limbellus* Lec.  
*punctatus* Lec.  
*puncticollis* Kby.  
*piniphilus* Esch., sub-alpine.  
*simplex* Coup.  
*laevicollis* Kby., alpine and sub-alpine.  
*Telephorus fraxini* Say.  
*carolinus* Fab., July, summit.  
*nigritulus* Lec.  
*rectus* Mels.  
*scitulus* Say.  
*rotundicollis* Say, July, summit, Willis  
 Seat.  
*Curtisii* Kby., summit.  
*tuberculatus* Lec.  
*Malthodes fuliginosus* Lec.  
*niger* Lec.  
 sp., woods.

## MALACHIDAE.

*Attalus terminalis* Say, July, summit.

## CLERIDAE.

- Thanasimus dubius* Fab.  
*undulatus* Say, July, summit.  
 var. *nubilus* Kl., alpine.  
*Hydnocera subaenea* Spin.  
*verticalis* Say, summit.

## PTINIDAE.

- Hadrobregmus foveatus* Kby.  
*Xyletinus fucatus* Lec.  
*Dorcatoma pallicorne* Lec., Halfway House.  
*Ptilinus ruficornis* Say, July, summit.  
*Dinoderus substriatus* Payk., July, summit.

## LUCANIDAE.

- Platycerus depressus* Lec., July, summit.

## SCARABAEIDAE.

- Aphodius fossor* Lec.  
*validus* Horn, July, summit.  
*hamatus* Say, July, summit.  
*finetarius* Linn., July, common, summit.  
*granarius* Linn., July, common, summit.  
*prodromus* Brahm., July, summit.  
*Geotrupes splendidus* Fab.  
*Balyi* Jek., near Willis Seat.  
*Dichelonycha elongata* Fab., summit.  
*subvittata* Lec., summit.  
*Serica tristis* Lec.  
*Macroductylus subspinosus* Fab.  
*Lachnosterna fusca* Fröh.  
*Aphonus tridentatus* Say, near Willis Seat.  
*Allorhina nitida* Linn., July, summit.  
*Euphoria fulgida* Fab., July, summit.  
*Trichius affinis* Gory.

## CERAMBYCIDAE.

- Asemum moestum* Hald., July, summit.  
*Criocephalus asperatus* Lec., July, summit.  
*Tetropium cinnamopterum* Kby., July, not rare, summit.  
*Gonocallus collaris* Kby.  
*Rhopalopus sanguinicollis* Horn, July, Aug., summit.  
*Hylotrupes ligneus* Fab.

- Phymatodes maculicollis* Lec.  
*dimidiatu* Kby., summit.  
*Merium proteus* Kby.  
*Callidium janthinum* Lec., summit.  
*Molorchus bimaculatus* Say.  
*Calloides nobilis* Harr.  
*Clytus marginicollis* Lap.  
*Xylotrechus colonus* Fab., July, not uncommon, summit.  
 4-*maculatus* Hald., July, summit.  
*undulatus* Say.  
*Neoclytus muricatus* Kby.  
*Clytanthus ruricola* Oliv., summit.  
*Microclytus gazellula* Hald.  
*Cyrtophorus verrucosus* Oliv.  
*Desmocerus palliatus* Forst., Willis Seat.  
*Rhagium lineatum* Oliv., July, summit.  
*Pachyta monticola* Rand., July, common, summit.  
*Anthophilax malachiticus* Hald.  
*attenuatus* Hald., July, summit.  
*Acmaeops bivittata* Say, July, summit.  
*proteus* Kby., July, summit.  
*pratensis* Laich., summit.  
*Gaurotes cyanipennis* Say, summit.  
*abdominalis* Bland.  
*Bellamira scalaris* Say, July, summit.  
*Leptura plebeja* Rand.  
*subargentata* Kby.  
*capitata* Newm.  
*instabilis* Hald.  
 6-*maculata* Linn., July, Aug., summit.  
*nigrella* Say.  
*canadensis* Oliv., July; summit.  
*vagans* Oliv.  
*sanguinea* Lec., Willis Seat.  
*hirtella* Lec.  
*proxima* Say, July, summit.  
*tibialis* Lec.  
*pedalis* Lec.  
*vittata* Oliv.  
*pubera* Say, July, summit.  
*ruficollis* Say, July, summit.  
 var. *sphaericollis* Say.  
*vibex* Newm.  
*mutabilis* Newm., July, summit.  
*aspera* Lec.



*Monohammus scutellatus* Say, July, very common, summit;  
*confusor* Kby., July, summit.  
*marmorator* Kby.  
*Hyperplatys maculatus* Hald., summit.  
*Graphisurus pusillus* Kby.  
*Acanthocinus obsoletus* Oliv., alpine.  
*obliquus* Lec., July, summit.  
*Pogonocherus penicellatus* Lec., July, summit.  
*mixtus* Hald.

## CHRYSOMELIDAE.

*Donacia subtilis* Kunze, summit.  
*pusilla* Say.  
*emarginata* Kby., July, summit.  
*metallica* Ahr.  
*rufa* Say, summit.  
*Orsodachna atra* Ahr., July, summit, Willis Seat.  
*Syneta ferruginea* Germ.  
*Pachybrachys* sp. Willis Seat.  
*Diachus auratus* Fab., July, summit.  
*catarius* Suff.  
*Adoxus obscurus* Linn., July, Aug., summit.  
*Graphops pubescens* Mels., July, summit.  
*nebulosus* Lec.  
*Typophorus canellus* Fab., July, summit.  
*Nodonota tristis* Oliv., July, Lake of Clouds.  
*Prasocuris vittata* Oliv., July, summit.  
*Doryphora 10-lineata* Say, July, summit.  
*Chrysomela elegans* Oliv., July, summit.  
*scalaris* Lec., summit.  
*multipunctata* Say. Willis Seat.  
*var. bigsbyana* Kby., summit.  
*Gastroidea polygoni* Linn., July, summit.  
*Lina lapponica* Linn., Willis Seat,  
*tremulae* Fab., July, summit.  
*Gonioctena pallida* Linn., June, July, summit.  
*Phyllodecta vulgatissima* Linn., July, summit.  
*Luperodes meraca* Say, July, summit.  
*cyanellus* Lec., July, summit.  
*varipes* Lec., July, summit.  
*Trirhabda canadensis* Kby., July, summit.  
*Galerucella cavicolis* Lec., July, summit,  
 Willis Seat.

*nymphaea* Linn., Willis Seat.  
*decora* Say, July, summit.  
*Disonycha pennsylvanica* Ill. July, summit.  
*triangularis* Say.  
*xanthomelaena* Dalm., July, summit.  
*Haltica bimarginata* Say, July, summit.  
*ignita* Ill.  
*evicta* Lec.  
*Crepidodera helixenes* Linn., July, summit.  
*robusta* Lec., July, alpine, summit, in moss.  
*Epitrix cucumeris* Harr, July, summit.  
*Phyllotreta vittata* Fab., sub-alpine.

## TENEBRIONIDAE.

*Phellopsis obcordata* Kby.  
*Iphthimus opacus* Lec., July, summit.  
*Upis ceramboides* Linn., July, summit.  
*Scotobates calcaratus* Fab.  
*Tenebrio molitor* Linn., Willis Seat.  
*tenebrioides* Beauv., Willis Seat.  
*Paratenetus punctatus* Sol., summit.  
*Boletotherus bifurcus* Fab.  
*Boletothagus depressus* Rand.

## CISTELIDAE.

*Hymenorus niger* Mels.  
*Isomira 4-striata* Coup., July, summit.

## LAGRIIDAE.

*Arthromacra aenea* Say, Willis Seat.

## MELANDRYIDAE.

*Tetratoma tessellata* Mels.  
*Prothalia undata* Lec.  
*Melandrya striata* Say, July, summit.  
*Emmesa connectens* Newm., July, summit.  
*Xylita laevigata* Hellen, near summit.  
*Zilora hispida* Lec.  
*Scotochroa atra* Lec.  
*Serropalpus barbatus* Schall.  
*Mystaxis simulator* Newm.  
*Eustrophus confinis* Lec., July, summit.  
*Orchesia castanea* Mels.  
*Canifa pallipes* Mels.  
*Scotodes americana* Horn, July, summit.

## PYTHIDAE.

- Crymodes discicollis* Lec., July, summit.  
*Pytho niger* Kby.  
     *strictus* Lec.  
*Priognathus monilicornis* Rand., S. W. slope  
     of mountain.  
*Salpingus virescens* Lec., July, summit.

## OEDEMERIDAE.

- Ditylus caeruleus* Rand.  
*Asclera ruficollis* Say, summit.

## CEPHALOIDAE.

- Cephaloon lepturides* Newm., July, summit.  
     *ungulare* Lec., July, summit.

## MORDELLIDAE.

- Anaspis nigra* Hald.  
     *flavipennis* Hald.  
     *rufa* Say, summit.  
*Tomoxia lineella* Lec., July, summit.  
*Mordella scutellaris* Fab., summit.  
     *serval* Say, summit.  
*Mordellistena scapularis* Say.

## ANTHICIDAE.

- Nematoplus collaris* Lec.  
*Corphyra fulvipes* Newm.  
     *Newmani* Lec.  
     *cyanipennis* Bland., summit.  
     *lugubris* Say, July, summit, Willis Seat.  
*Xylophilus piceus* Lec.  
*Notoxus anchora* Horn.  
*Anthicus coracinus* Lec.

## PYROCHROIDAE.

- Ischalia costata* Lec.  
*Schizotus cervicalis* Newm., July, summit.  
*Dendroides concolor* Newm.

## MELOIDAE.

- Macrobasis unicolor* Kby., July, summit.  
*Epicauta cinerea* Forst.

## ATTELABIDAE.

- Attelabus bipustulatus* Fab.  
     *rhois* Boh.

## OTIORHYNCHIDAE.

- Hormorus undulatus* Uhler.  
*Cercopeus chrysoirrhæus* Say, Lake of  
     Clouds.

## CURCULIONIDAE.

- Phytonomus nigrirostris* Fab.  
*Lepyrus palustris* Scop., July, summit,  
     alpine.  
*Macrops sparsus* Say.  
*Pissodes strobis* Peck, June, summit.  
     *affinis* Rand., July, summit.  
     *dubius* Rand., June.  
     *rotundatus* Lec.  
*Pachylobius picivorus* Germ.  
*Hylobius pales* Hbst., July, summit.  
     *confusus* Kby.  
*Hypomolyx piceus* De Geer.  
*Dorytomus laticollis* Lec., summit.  
     *brevicollis* Lec., Willis Seat.  
*Magdalis Lecontei* Horn.  
     *nov. sp. near hispidus* Lec.  
     *alutacea* Lec., (also from high Mts. of  
     Colo.  
*Anthonomus scutellatus* Gyll., July, summit.  
     *suturalis* Lec.  
     *musculus* Say.  
     *xanthocnemis* Dtz., summit.  
*Elleschus scanicus* Payk.  
*Orchestes salicis* Linn.  
     *niger* Horn.  
     *pallicornis* Say.  
*Conotrachelus nenuphar* Hbst. summit.  
*Idiostethus ellipsoideus* Casey, summit.  
*Cryptorhynchus bisignatus* Say, July,  
     summit.  
*Balaninus obtusus* Blanch., summit.  
     *uniformis* Lec., July, summit.

## CALANDRIDAE.

- Cossonus subareatus* Boh.  
*Rhyncolus brunneus* Mann.

## SCOLYTIDAE.

*Xyloterus lineatus* Oliv., July, Summit.

*Xyleborus tachygraphus* Zimm.  
caelatus Eich.

*Dryocoetes autographus* Ratz., July, summit.

*Tomicus pini* Say, summit.

*Polygraphus rufipennis* Kby., July, summit,  
Lake of Clouds.

*Hylurgops glabratus* Zett.

## ANTHRIBIDAE.

*Eurymycter fasciatus* Oliv., Willis Seat.

*Allandrus bifasciatus* Lec., summit.

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