SUPPLEMENT TO PSYCHE,—II.

LIST OF MT. WASHINGTON COLEOPTERA.

BY F. C. BOWDITCH, BROOKLINE, MASS.

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, alpine.
serratus Say.
Calosoma frigidum Kby., July, summit.
Elaphrus olivaceus Lec., Lake of Clouds.
fulginosus 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 common, 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, summit, alpine.
laticus 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, common, 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, common, 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 common, 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.

Iacustris 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.

magnicollis 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 austrianus 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.
Epiphanis 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.
Elatер carbonicolor Esch., alpine
 pedalis Germ.
 mixtus Hbst., July, summit.
 pullus Germ., July, summit.
 nigricollis Hbst., alpine.
 lintheus 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.
Limonius confusus Lec., Willis Seat.
 aeger Lec.
 pectoralis Lec.
Campylus productus Rand.
 denticornis Kby. July, summit, Willis Seat.
Athous scapularis Say.
 rufifrons 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.

spinosus 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.
dimidiatus 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.

CHRYSEMELIDAE.

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.
Boletophagus depressus Rand.

CISTELIDAE.

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

LAGRIIDAE.

Arthromacra aenea Say, Willis Seat.

MELANDRYIDAE.

Tetratoma tessellata Mels.
Prothalphia 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 chrysorrhaeus 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 piciporus 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 *hispoides* 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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