

HYMENOPTERA OF THE ISLAND OF MONTREAL.

BY THE EDITOR.

The following insects were collected during the summers of 1879-80. This is the first published Canadian list belonging to the Order. The genera are arranged alphabetically, that future additions to the collection may be more easily classified:—

[Those marked with an asterisk belong to Saussure's sub-genus *Ancistrocerus*. I may here remark that *Crabro 6-maculata* is not distinct from *Crabro trifasciatus* Say.]

- Angiochlora pura*, Say..... This bee is bright green.
- Agapontemon radiatus*, Say..... " " "
- tri-color*, Lepel..... " " "
- Alcidamea producta*, Cress } A small bee, common: Mount Royal.
- Andrena fimbriata*, Smith..... Mount Royal.
- Apathus citrinus*..... Common.
- Ammophila gracilis*, Lepel } Abundant on Solidago.
- Bombus ternarius*, Say..... } A humble-bee, with centre of body red.
- Ceratina dupla*, Say..... } Abundant in May and June.
- Cerceris nigrescens*, Smith. } A wasp, common in June.
- Crabro chrysocephalus*, Lepel..... Mount Royal, common.
- "    *cupiceps*, Packard..... " " "
- "    *trifasciatus*, Say..... " " "
- "    *interruptus*, Lepel..... " " "
- "    *6-maculatus*, Packard..... " " "
- "    *hec*, Say..... " " "
- Eumenes fraternus*, Say..... " " "
- Gorytes phaleratus*, Say..... " rare.
- similimus*, Smith..... " " "
- Holictus rubricaudus*, Kirby..... common.
- Leucopis affinis*, Kirby..... uncommon.
- Luroda subita*, Say..... " " "
- Lura terminata*, Kirby..... rare.
- Melissoidea desponsa*, Smith..... " " "
- Megachile mendica*, Cress..... " " "
- "    *frigida*, Smith..... " " "
- Megachile brevis*, Say..... " " "
- "    *melanophea*, Say..... var. with scopae almost black.
- Osmia similis*, Smith..... Mount Royal.
- Odontomerus foraminatus*, Sauss..... " " "
- "    \**Cayra*, Sauss..... " on bramble, June.
- "    \**leucomelas*, Sauss..... Mount Royal, on bramble, June.
- "    \**albomarginatus*..... Mount Royal, on bramble, June.
- "    \**albophaleratus*..... Mount Royal, on bramble, June.
- "    \**tigris*,..... Mount Royal, on Solidago, September.
- "    \**unifasciatus*,..... Mount Royal, July 1st.
- "    †*Walshianus*,..... " rare.
- Prosopis affinis*, Smith..... " " "
- Pteroporus eueretanus*, Linn..... " " "
- "    *eximientarius*, Drury..... " " "
- Pompilus marginatus*, Say..... " " "
- "    *luctuosus*, Cress..... " " "
- Philanthus ulivagus*, Say..... " " "
- Tiphia inornata*, Say..... " " "
- Ypsa maculata*, Linn..... common.
- "    *concolorina*, Sauss..... rare.
- "    *diabolica*, Sauss..... " " "

Those marked † belong to Saussure's sub-genus *Synmorphus*.

GAME IN SEASON—ONTARIO.

Wilson's Snipe, Wild Swan, Geese and Wild Duck, with the exception of Mallard, Black Duck, Wood Duck, Blue and Green Wing Teal.

FISH IN SEASON—ONTARIO.

Whitefish, Salmon Trout (*Winnoniche*.)

GAME IN SEASON—QUEBEC.

Wild Swan and Geese; all Wild Ducks.

FISH IN SEASON—QUEBEC.

Brook Trout, Whitefish, Salmon Trout (*Winnoniche*.)

Correspondence.

SALT SPRINGS IN LAKE ONTARIO.

Six months ago, before one thought of issuing this journal, the Editor wrote to Dr. Sterry Hunt to ascertain if salt springs existed in the bosom of the Lake. The object of the inquiry was in connection with *Salmo salar*—the common marine salmon—supposed to visit these brine springs, after escaping from the hatchery at Newcastle, Ont. Dr. Sterry Hunt's letter is important in connection with the theory that salmon, commonly called "land-locked" (*Salmo salar*), visit these places. The following letter proves the existence of salt springs in Ontario. The most interesting discovery will now be to trace the fish to the saline springs, and we trust that the Government will place the investigation in the hands of a competent person.

To the Editor of the CANADIAN SPORTSMAN AND NATURALIST:—

MY DEAR MR. COPPER,—Your enquiry about the existence of Salt Springs in Lake Ontario, in relation to the presence therein of a supposed variety of *Salmo salar*, interests me very much, from the fact that I have long known that the rocks in which the lake is excavated (the strata around it are nearly horizontal) are charged with saline matter, and give rise to brine springs along the northern shore. I have described and analysed many of these waters,\* which are often stronger than sea water. The Trenton limestone which forms the shore and