

LECTOTYPES OF THE SPECIES OF HYMENOPTERA
(EXCEPT APOIDEA) DESCRIBED BY ABBÉ
PROVANCHER.

BY A. B. GAHAN AND S. A. ROHWER, WASHINGTON, D.C.

(Continued from page 171.)

Semiotellus suborbicularis. Type.—Yellow label 972.
2nd Coll. Pub. Mus., Quebec. Fair.

Sigalphus canadensis. Type.—Female, 2nd Coll. Pub. Mus., Quebec, pinned opposite male with name label and yellow label 594. Both lack head, type has wings crumpled.

Sigalphus trisectus. Type.—Male, blue label 115; yellow label 1302. 2nd Coll. Pub. Mus., Quebec.

Spalangia aenea. Type.—Harrington Coll.

Spathius laflammei. Type.—Female, yellow label 563.
2nd Coll. Pub. Mus., Quebec. Dirty, apices of antennæ gone.

Sphacophilus crawii. Type.—Cat. No. 1979, U. S. Nat. Mus.

Sphaerophthalma alveolata. Type.—Yellow label 1685.
2nd Coll. Pub. Mus., Quebec. Tagged "Cap Rouge."

Sphaerophthalma argentipilis. Type.—Male, white label 17 (in pencil); yellow label 1406. 2nd Coll. Pub. Mus., Quebec.

Sphaerophthalma unicincta. Type.—Yellow label 751.
2nd Coll. Pub. Mus., Quebec.

Sphaeropyx ovalis. Type.—Female, yellow label 1272. 2nd Coll. Pub. Mus., Quebec. Fair. Badly tagged.

Sphaeropyx parvus. Type.—Female, yellow label 1027.
2nd Coll. Pub. Mus., Quebec. Apices of antennæ gone.

Sphaeropyx quebecensis. Type.—Female, yellow label 601.
2nd Coll. Pub. Mus., Quebec. Right antenna and apex of left, gone.

Steniola duplicata. Type.—Male, yellow label 1614. 2nd Coll. Pub. Mus., Quebec. Apex of left antenna gone.

Stilpnus appendiculatus. Type.—Not located.

Stilpnus canadensis. Type.—Male, yellow label 234. 1st Coll. Pub. Mus., Quebec. Antennæ broken at apex; abdomen, right fore-wing and all legs except one front one broken off; abdomen and part of legs glued on yellow label.

Stilpnus deficiens. Type.—Harrington Coll. Antennæ missing and wings dirty.

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Stilpnus laevis. Type.—Yellow label 702. 2nd Coll. Pub. Mus., Quebec. Antennæ (right at 7th joint, left at scape), legs on right side at coxæ, left hind leg, right fore-wing and abdomen gone.

Strongylogaster abnormis. Type.—Female, yellow label 1147. 2nd Coll. Pub. Mus., Quebec. Allotype.—Male without label.

Strongylogaster albosectus. Type.—Female, yellow label 96. 1st Coll. Pub. Mus., Quebec. Lacks right flagellum. Two specimens without labels.

Strongylogaster impressatus. Type.—Not located.

Strongylogaster luctuosus. Type.—Female, Harrington Coll.

Strongylogaster pallicoxus. Type.—Female, yellow label 1149. 2nd Coll. Pub. Mus., Quebec. Allotype—Male, Harrington Coll. Paratype.—Female, also Harrington Coll.

Strongylogaster politus. Species must be accredited to Cresson. Type.—Female, Philadelphia No. 274. Male, yellow label 498; 1st Coll. Pub. Mus., Quebec, not a type.

Strongylogaster proximus. Type.—Female, Harrington Coll. Paratype.—Yellow label 1159. 2nd Coll. Pub. Mus., Quebec.

Strongylogaster soriculatus. Type.—Female, yellow label 692; name label "Strongylogaster soriculatipes Prov." in Prov. hand. 2nd Coll. Pub. Mus., Quebec.

Synairema americana. Type.—Female, yellow label 1081. 2nd Coll. Pub. Mus., Quebec. Lacks right flagellum.

Synairema pacifica. Type.—Female, Harrington Coll. Antennæ and right fore-wing gone.

Synaldis pilicornis. Type.—Female, yellow label 1165. 2nd Coll. Pub. Mus., Quebec. Ovipositor broken off.

Syntomaspis splendens. Type.—Harrington Coll. Abdomen missing.

Tapinoma boreale. Type.—Yellow label 1403. 2nd Coll. Pub. Mus., Quebec. Eight specimens on one tag. Badly glued.

Taxonus floridanus. Type.—Cat. No. 13965, U. S. Nat. Mus. Paratype.—Yellow label 1540. 2nd Coll. Pub. Mus., Quebec.

Taxonus parens. Type.—Female, Harrington Coll. Antennæ wanting.

Taxonus robustus Type.—Yellow label 931. 2nd Coll. Pub. Mus., Quebec. Flagellum gone.

Telenomus rufoniger. Type.—Yellow label 1364. 2nd Coll. Pub. Mus., Quebec. Fair.

Telenomus stygicus. Type.—White label 20; yellow label 1120. 2nd Coll. Pub. Mus., Quebec. Abdomen gone.

Tenthredo atrocoerulea. Type.—Not located. Probably returned to collector. (Geddes).

Tenthredo basilaris. Type.—Female, yellow label 58 and name label *Tenthredo signata* Nort. 2nd Coll. Pub. Mus., Quebec. Proved by Prov. Catalogue.

Tenthredo cingulata. Type.—Female, yellow label 59, and name label *Tenthredo verticalis* Say. 2nd Coll. Pub. Mus., Quebec. Proved by Prov. Catalogue.

Tenthredo decorata. Type.—Not located.

Tenthredo erythromea. Type.—Harrington Coll. Female. Paratype.—Yellow label 1154. 2nd Coll. Pub. Mus., Quebec.

Tenthredo jocosa. Type.—Female, yellow label 494. 2nd Coll. Pub. Mus., Quebec.

Tenthredo lineata. Type.—Female, yellow label 63. 2nd Coll. Pub. Mus., Quebec. Lacks part of flagellum.

Tenthredo mellicoxa. Type.—Female, yellow label 109; white label "109 mellicoxa." 1st Coll. Pub. Mus., Quebec.

Tenthredo montana. Type.—Not located. Probably returned to collector. (Capt. Geddes.)

Tenthredo nigricostata. Type.—Female, Harrington Coll. Lacks antennæ.

Tenthredo pallicoxa. Type.—Female, yellow label 69. 2nd Coll. Pub. Mus., Quebec. Rather dirty.

Tenthredo ruficoxa Type.—Female, Harrington Coll. Right median tarsi gone, slightly dirty.

Tenthredo terminalis. Type.—Male, Harrington Coll. Left flagellum gone.

Tetrastichus trisulcatus. Type.—Harrington Coll. Fair. Allotype.—Yellow label 1377. 2nd Coll. Pub. Mus., Quebec. Badly glued.

Thalessa quebecensis. Type.—Not located.

Theocolax canadensis. Type.—Yellow label 1030. 2nd Coll. Pub. Mus., Quebec. Badly glued.

Thersilochus errabundus. Type.—Harrington Coll.

Thersilochus maturus. Type.—Female, yellow label 1227, blue label 106 (s). 2nd Coll. Pub. Mus., Quebec.

Thersilochus micans. Type.—Female, yellow label 372. 1st Coll. Pub. Mus., Quebec. Allotype.—Male, yellow label 1040. 2nd Coll. Pub. Mus., Quebec. Right antenna at scape missing, abdomen broken off at petiole but glued on yellow label.

Thersilochus pallipes. Type.—Female, yellow label 676. 2nd Coll. Pub. Mus., Quebec. Antennæ broken at tips.

Thyreocera læviscutum. Type.—Yellow label 1322. 2nd Coll. Pub. Mus., Quebec. Badly glued.

Thyreopus elongatus. Type.—Not located.

Thyreopus rugosopunctatus. Type.—Female, blue-green label 851(s); yellow label 1445. 2nd Coll. Pub. Mus., Quebec.

Thyreopus sinuatus. Type.—Not located. Probably returned to collector.

Tiphia minor. Type.—Not located.

Trichacius clavatus. Type.—Blue label 764; yellow label 1376. 2nd Coll. Pub. Mus., Quebec. Fair.

Trichacis auripes. Type.—Not located.

Trichiosoma taylori. Type.—Female. Lacks left antenna. Allotype—male. Ent. Branch, Dept. Agr., Ottawa. Male paratype.—Yellow label 1151. 2nd Coll. Pub. Mus., Quebec.

Trogus canadensis. Type.—Female, yellow label 241. 1st Coll. Pub. Mus., Quebec. Allotype.—Male, yellow label 194. 2nd Coll. Pub. Mus., Quebec.

Trogus quebecensis. Type.—Female, yellow label 240. 1st Coll. Pub. Mus., Quebec. Right antenna gone.

Tropistes elegans. Type.—Not in Pub. Mus., Quebec, unless under *Arotes amoenus* Cress.

Tryphon canaliculatus. Type.—Female, yellow label 325. 2nd Coll. Pub. Mus., Quebec. Fair.

Tryphon clapini. Type.—Female, yellow label 421. 1st Coll. Pub. Mus., Quebec.

Tryphon clypeatus. Type.—Male, yellow label 333. 2nd Coll. Pub. Mus., Quebec.

Tryphon dionnei. Type.—Female, yellow label 657. 2nd Coll. Pub. Mus., Quebec. Lacks left flagellum.

Tryphon dorsalis. Type.—Female, yellow label 363. 2nd Coll. Pub. Mus., Quebec.

Tryphon dufresnei. Type.—Female, not located. Allotype.—Male, yellow label 329. 2nd Coll. Pub. Mus., Quebec.

Tryphon excavatus. Type.—Female, yellow label 1560. 2nd Coll. Pub. Mus., Quebec. Lacks apex of right antenna.

Tryphon fractus. Type.—Male, blue label 560. 2nd Coll. Pub. Mus., Quebec.

Tryphon hervieuxii. Type.—Female, yellow label 656. 2nd Coll. Pub. Mus., Quebec. Head gone.

Tryphon pediculatus. Type.—Male, yellow label 1236. 2nd Coll. Pub. Mus., Quebec.

Tryphon rufigaster. Type.—Female, yellow label 1562. 2nd Coll. Pub. Mus., Quebec.

Tryphon rufopectus. Type.—Male, yellow label 1563. 2nd Coll. Pub. Mus., Quebec. Poor condition, apices of flagellum gone.

Tryphon scutellaris. Type.—Not in Pub. Mus., Quebec, unless as var. of *dufresnei* Prov.

Tryphon tuberculifer. Type.—Female, yellow label 1237; labeled "Tryphon tuberculiferus Prov." 2nd Coll. Pub. Mus., Quebec.

Trypoxylon striatum. Type.—Not located. Probably returned to collector.

Urocerus tricolor. Type.—Female, yellow label 72. 2nd Coll. Pub. Mus., Quebec.

Westwoodia fumipennis. Type.—Female, yellow label 388. 1st Coll. Pub. Mus., Quebec.

Xiphidion canadensis. Type.—Female, yellow label 138. 1st Coll. Pub. Mus., Quebec.

Xiphydria canadensis. Type.—Female, yellow label 137. 1st Coll. Pub. Mus., Quebec. Apices of left wings wanting.

Xorides canadensis. Type.—Not in Pub. Mus., Quebec, unless under *Xylonomus albopictus* Cress.

Xylonomus calidus. Type.—Female, blue label 596, in large figures. 2nd Coll. Pub. Mus., Quebec.

Xylonomus lavallensis. Type.—Not in Pub. Mus., Quebec, unless under *Xylonomus humeralis* Say.

Zele basalis. Type.—Female, white label 81; yellow label 1483. 2nd Coll. Pub. Mus., Quebec. Badly tagged.

Zele cinctus. Type.—Male, yellow label 729. 2nd Coll. Pub. Mus., Quebec. Abdomen, left legs, left fore-wing and part of antennæ gone.

Zele curtus. Type.—Female, blue label 277(s); yellow label 1276. 2nd Coll. Pub. Mus., Quebec. Wings somewhat matted.

Zele gracilis. Type.—Male, yellow label 1277. 2nd Coll. Pub. Mus., Quebec. Badly tag-mounted.

Zele palliventris. Type.—Female, yellow label 573. 2nd Coll. Pub. Mus., Quebec. Lacks left flagellum and all legs except left front leg; abdomen glued on card.

Zele rufipes. Type.—Female, yellow label 731. 2nd Coll. Pub. Mus., Quebec.

THE EARLY STAGES OF EMPOASCA TRIFASCIATA GILL.¹

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While not recorded in Smith's List of the Insects of New Jersey, this attractive little leaf-hopper appears to be fairly well distributed in New Jersey, having been found by the writers on poplar at Irvington, Red Bank, Ridgefield, Trenton and New Brunswick. De Long in his "Leafhoppers or Jassoidea of Tennessee" (Bull. 17, Vol. V, No. 2, Tenn. State Bd. Ent.) records it as being swept from cottonwood at Clarksville, Tenn., and Van Duzee in his check list of the "Hemiptera of America, North of Mexico," gives its distribution roughly as "Eastern States to the Mississippi Valley and Eastern Canada." It was described by Gillette in the Proc. U. S. Nat. Mus., vol. XX, p. 726 (1898) from specimens taken at Douglas Co., Kansas, Champaign, Ill.,

¹Identified by E. P. Van Duzee.

*The arrangement of the authors' names has no significance, and indicates neither seniority nor precedence.