broader and more approximate on the sternal side pieces. Legs rather slender, femora not toothed, terminal joint of tarsi projecting a distance rather less than the length of the lobes of the preceding joint; claws simple.

Length 1.8 mm.; width .9 mm.

Aweme, Manitoba, Sept. 8, (Criddle).

A small species belonging to the *squamulatus* group of Dietz, in which it may best follow *persimilis*, though not agreeing closely with any species of the group. The small size and lack of true scales on the upper surface distinguishes it from all but *albopilosulus*, which differs in its erect, coarser vestiture among other characters.

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

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

(Continued from page 336.)

Coccophagus brunneus. Type.—Yellow label 1384. 2nd Coll. Pub. Mus., Quebec. Badly glued.

Coccophagus compressicornis. Type.—Harrington Coll.

Coccophagus pallipes. Type.—Yellow label 1389; blue 783(s). 2nd Coll. Pub. Mus., Quebec. Head gone.

Coleocentrus mellipes. Type.—Not located.

Coleocentrus quebecensis. Type.—Not in Pub. Mus., Quebec., unless under *C. pettiti* Cress.

Coleocentrus rufus. Type.—Female, yellow label 456. 1st Coll. Pub. Mus., Quebec.

Copelus paradoxus.—See *Helorus*.

Copidosoma pallipes. Type.—Harrington Coll.

Crabro aciculatus. Type.—Female, yellow label 813. 2nd Coll. Pub. Mus., Quebec. Male, allotype, without label.

Crabro niger. Type.—Female, blue-green label 852(s), yellow label 1660. 2nd Coll. Pub. Mus., Quebec.

Crabro 4-maculatus.—See *C. 4-punctatus*. Type the same specimen.

Crabro 4-punctatus. Type.—Female, yellow label 807. 2nd Coll. Pub. Mus., Quebec. See *C. 4-maculata*. See Fauna p. 654 and table 653, both names used.

Cratospila aciculata. Type.—No specimen. Pin with name label. 2nd Coll. Pub. Mus., Quebec. Probably returned to collector.

Cratospila brevicauda. Type.—Female, yellow label 1273. 2nd Coll. Pub. Mus., Quebec. Lacks apex of left flagellum.

Cratospila caudata. Type.—Female, yellow label 606. 2nd Coll. Pub. Mus., Quebec. Lacks flagella.

Cremastus fusiformis. Type.—Female, yellow label 306. 2nd Coll. Pub. Mus., Quebec. Antennæ broken at apex.

Cremastus longicaudus. Type. — Female, yellow label 1050. 2nd Coll. Pub. Mus., Quebec.

Cremastus mellipes. Type.—Female, yellow label 363. 1st Coll. Pub. Mus., Quebec. Antennæ broken near middle; fore wings gone; badly pinned. Female. 2nd Coll. antennæ broken.

Cremastus rectus. Type.—Yellow label 361. 1st Coll. Pub. Mus., Quebec. Left antenna at scape, left hind leg at coxa and abdomen gone.

Cremastus royi. Type.—Female, yellow label 674. 2nd Coll. Pub. Mus., Quebec.

Cryptus affabilis. Type.—Female, yellow label 258. 2nd Coll. Pub. Mus., Quebec.

Cryptus albonotatus. Type.—Not located.

Cryptus amblytelarius. Type.—Female, yellow label 1204. 2nd Coll. Pub. Mus., Quebec.

Cryptus annulatus. Type.—Female, yellow label 291. 1st Coll. Pub. Mus., Quebec. Lacks right fore wing.

Cryptus apicatus. Type.—Female, yellow label 246. 2nd Coll. Pub. Mus., Quebec. Lacks right antenna.

Cryptus belangeri. Type.—Not in Pub. Mus., Quebec, unless under name *C. nuncius* Say. One specimen.

Cryptus brevicornis. Nat. Can., Vol. 7, p. 176.—See *Phygadeuon impressus*.

Cryptus brevicornis. Of index p. 432. Type.—Female, old rose label 79; yellow label 1202. 2nd Coll. Pub. Mus., Quebec.

Cryptus canadensis. Type.—Male, yellow label 248. 2nd Coll. Pub. Mus., Quebec. Lacks left antenna.

Cryptus certus. Type.—Not in Pub. Mus., Quebec, unless under name *C. fungor* Nort. Two damaged specimens.

Cryptus cinctus. Type.—Male, yellow label 292. 1st Coll. Pub. Mus., Quebec. Lacks apex of right antenna.

Cryptus circumcinctus. Type.—Male, yellow label 516. 2nd Coll. Pub. Mus., Quebec. Lacks antennæ.

Cryptus collaris. Type.—Male, blue label 121, yellow label 1206. 2nd Coll. Pub. Mus., Quebec.

Cryptus dubius. Type.—Not in Pub. Mus., Quebec. Probably returned to collector. (Geddes).

Cryptus eburneifrons. Type.—Male, yellow label 517. 2nd Coll. Pub. Mus., Quebec. Lacks most of antennæ.

Cryptus elongatus. Type.—Male, yellow label 670. 2nd Coll. Pub. Mus., Quebec. Lacks apices of antennæ and hind legs.

Cryptus erythropygus. Type.—Not in Pub. Mus., Quebec. Probably in Harrington Coll.

Cryptus exilis. Type.—Male, yellow label 283. 1st Coll. Pub. Mus., Quebec.

Cryptus flavipectus. Type.—Not in Pub. Mus., Quebec, unless under *Ichneumon scitulus* Cress.

Cryptus fletcheri. Type.—Female, white label 115; also "*Cryptus* ♀ *fletcheri* Prov. Type.—Victoria, V. I." in hand other than Provancher's. 2nd Coll. Pub. Mus., Quebec.

Cryptus gracilis. Type.—Not in Pub. Mus., Quebec. Probably in Harrington Coll.

Cryptus ignotus. Type.—Male, Harrington Coll. Pink label "P 423." Part of left antenna gone.

Cryptus imitator. Type.—Female, yellow label 296. 1st Coll. Pub. Mus., Quebec.

Cryptus incognitus. Type.—Blue label 39; yellow label 1205. 2nd Coll. Pub. Mus., Quebec. Lacks left flagellum.

Cryptus insignis. Type.—Not in Pub. Mus., Quebec, unless under *Phygadeuon blakei* Cress.

Cryptus latus. Type.—Not in Pub. Mus., Quebec, unless under *Phygadeuon occidentalis.*

Cryptus linearis. Type.—Male, old rose label 49. Yellow label 1207. 2nd Coll. Pub. Mus., Quebec. Part of antennæ gone.

Cryptus longicaudus. Type.—Female, Harrington Coll. Pink label "P. 375."

Cryptus mellicoxus. Type.—Male, yellow label 1209. 2nd Coll. Pub. Mus., Quebec. Apices of antennæ gone; abdomen glued on number label.

Cryptus mellipes. Type.—Female, Harrington Coll. Pink label "P. 392." Abdomen wanting, wings except left hind wanting.

Cryptus montivagus. Type.—Female, yellow label 251. 2nd Coll. Pub. Mus., Quebec. Lacks most of flagella.

Cryptus mundus. Type.—Male, yellow label 245. 2nd Coll. Pub. Mus., Quebec. Lacks part of antennæ and right hind leg.

Cryptus nigricornis. Type.—Male, yellow label 294. 1st Coll. Pub. Mus., Quebec. Lacks left antenna beyond 4th joint.

Cryptus nigricoxus. Type.—Male, yellow label 1553. 2nd Coll. Pub. Mus., Quebec.

Cryptus notatus. Type.—Male, yellow label 254. 2nd Coll. Pub. Mus., Quebec.

Cryptus occidentalis.—See *Phygadeuon occidentalis.*

Cryptus ornatus. Type.—Not in Pub. Mus., Quebec.

Cryptus osculatus. Type.—Male, yellow label 281. 1st Coll. Pub. Mus., Quebec. Lacks right flagellum.

Cryptus pentagonalis. Type.—Harrington Coll. Male, pink label 425. Female, pink label 431.

Cryptus perditus. Type.—Male, Harrington Coll. Pink label "P. 442." Lacks antennæ and right fore wing; other wing folded and hard to see.

Cryptus pubescens. Type.—Male, Harrington Coll. Pink label "P. 424."

Cryptus quebecensis. Type.—Not in Coll. unless under name *Ichneumon velox* Cress. Two females. 1st Coll. fair.

Cryptus rectus. Type.—Male, yellow label 1208. 2nd Coll. Pub. Mus., Quebec. Lacks left flagellum.

Cryptus ruficornis. Type.—Male, yellow label 519. 2nd Coll. Pub. Mus., Quebec. Some verdigris.

Cryptus rufoannulatus. Type.—Female, yellow label 286. 1st Coll. Pub. Mus., Quebec.

Cryptus rufus. Type.—Male, yellow label 259. 2nd Coll. Pub. Mus., Quebec. Lacks right flagellum.

Cryptus scutellatus. Type.—Male, yellow label 282. 1st Coll. Pub. Mus., Quebec. Lacks apices of antennæ some tarsi, and abdomen has been glued on.

Cryptus segregatus. Type.—Male, Harrington Coll. Pink label "P. 422."

Cryptus sericeifrons. Type.—Female, yellow label 515. 2nd Coll. Pub. Mus., Quebec. Most of flagellum gone. No male in Coll.

Cryptus signatus.—See *Phygadeuon signatus.*

Cryptus sordidus. Type.—Female, Harrington Coll. Pink label "P. 373." Abdomen off but glued on card.

Cryptus soriculatus. Type.—Male, yellow label 697. 2nd Coll. Pub. Mus., Quebec. Lacks right antenna.

Cryptus spissicornis. (Addit. 1886, p. 68, not suppl. p. 361). Type.—Not in Pub. Mus., Quebec, unless under *Cryptus crassicornis* of which there is one specimen agreeing with description of *spissicornis.*

Cryptus spissicornis. (1888, suppl. p. 361 not Addit., 1886, p. 68). Type.—Female, yellow label 1582. 2nd Coll. Pub. Mus., Quebec.

Cryptus 3-annulatus. Type.—Not in Pub. Mus., Quebec. Probably in Harrington Coll.

Cryptus varius. Type.—Not in Pub. Mus., Quebec, unless under name *Cryptus atricollaris* Walsh.

Cteniscus apicatus. Type.—Male, yellow label 341. 2nd Coll. Pub. Mus., Quebec. Lacks antennæ.

Cteniscus concolor. Type.—Female, yellow label 321. 2nd Coll. Pub. Mus., Quebec. Under name *Mesoleptus concolor* Cress. Lacks most of antennæ.

Cteniscus crassipes. Type.—Not in Pub. Mus., Quebec. Probably returned to collector.

Cteniscus rufus. Type.—Public Mus., Quebec. Data from pin not obtained.

Ctenopelma sanguinea. Type.—Pub. Mus., Quebec. Data from pin not obtained.

Cylloceria lemoinei. Type.—Male, yellow label 470. 2nd Coll. Pub. Mus., Quebec. Lacks apices of antennæ.

Cyrtocentrus quebecensis. Type.—Female, yellow label 693. 2nd Coll. Pub. Mus., Quebec. Antennæ wanting beyond third joint.

Dacnusa crassitela. Type.—Female, yellow label 1299. 2nd Coll. Pub. Mus., Quebec. Antennæ broken, right at scape, left at seventh joint.

Dacnusa spatulata. Type.—Female, yellow label 1305, blue label 669. 2nd Coll. Pub. Mus., Quebec. Antennæ broken at tips.

Decatoma basilaris. Type.—Not in Pub. Mus., Quebec, unless under *Isosoma hordei.*

Diastrophus piceus. Type.—White label 3(s); yellow label 1325. 2nd Coll. Pub. Mus., Quebec.

Diastrophus 5-costatus. Type.—Not located.

Dimicrostrophis nigricornis. Type.—Mica point, blue label 759(s); yellow label 1664. 2nd Coll. Pub. Mus., Quebec.

Dineura americana. Type.—Yellow label 639. 2nd Coll. Pub. Mus., Quebec. Lacks left flagellum.

Dinocamptus linearis. Type.—Yellow label 1275. 2nd Coll. Pub. Mus., Quebec. Thorax broken by pin and abdomen crushed out of shape at apex. Sex of type uncertain but believed to be female.

Dinotus acutus. Type.—Yellow label 1385. 2nd Coll. Pub. Mus., Quebec. Badly glued; another specimen in better condition.

Dolichoderus borealis. Type.—Yellow label 1603. 2nd Coll. Pub. Mus., Quebec.

Doryctes atripes. Type.—Female, yellow label 1262. 2nd Coll. Pub. Mus., Quebec.

Doryctes bæticatus. Type.—Yellow label 557. 2nd Coll. Pub. Mus., Quebec. Abdomen wanting.

Doryctes cingulatus. Type.—Female, yellow label 556. 2nd Coll. Pub. Mus., Quebec. Lacks flagella.

Doryctes fartus. Type.—Female, yellow label 558. 2nd Coll. Pub. Mus., Quebec.

Doryctes macilentus. Type.—Female, yellow label 559. 2nd Coll. Pub. Mus., Quebec. No male in collection.

Doryctes pallipes. Type.—Female, yellow label 1569. 2nd Coll. Pub. Mus., Quebec.

Echthrus canadensis. Type.—Female, yellow label 468. 2nd Coll. Pub. Mus., Quebec. Some verdigris.

Echthrus luctuosus. Female, yellow label 521. 1st Coll. Pub. Mus., Quebec. Lacks apex of left antenna and abdomen.

Echthrus nigricornis. Type.—Male, yellow label 421. 2nd Coll. Pub. Mus., Quebec. Fair.

Echthrus pediculatus. Type.—Female, yellow label 937. 2nd Coll. Pub. Mus., Quebec.

Echthrus provancheri. Type.—Female, yellow label 1143; printed name label. 2nd Coll. Pub. Mus., Quebec. Considered as Brodie's species. The description was first published by Provancher and there is no indication that it was quoted from Brodie. Provancher indicates that it is his description so the species should, unfortunately, be accredited to Provancher.

Echthrus rubripes. Type.—Female, yellow label 1064. 2nd Coll. Pub. Mus., Quebec. Left wings gone.

Eclytus pleuralis. Type.—Female, yellow label 410. 1st Coll. Pub. Mus., Quebec.

Eclytus robustus. Type.—Female, yellow label 996. 2nd Coll. Pub. Mus., Quebec. Abdomen and part of antennæ gone.

Elis dives. Type.—Female, Cat. No. 1971, U. S. Nat. Mus.

Elis 4-cinctus. Type.—Male, Cat. No. 1972, U. S. Nat. Mus.

Emphytus hullensis. Type.—Harrington Coll.

Emphytus nigristigma. Type.—Yellow label 1543; name label "*Nematus nigristigma.*" 2nd Coll. Pub. Mus., Quebec. Provancher's catalogue proves this.

Emphytus pallipes. Type.—Female, yellow label 35. 1st Coll. Pub. Mus., Quebec. Specimen without label, paratype.

Ephedrus completus. Type.—See introduction (Aphidiinæ).

Ephedrus incompletus. Type. — See introduction (Aphidiinæ).

Ephialtes variatipes. Type.—Harrington Coll. teste Davis. Not in Pub. Mus., Quebec.

Epirhyssa clavata. Type.—Female, yellow label 1260. 2nd Coll. Pub. Mus., Quebec. Lacks abdomen and apices of antennæ.

Epirhyssa crevieri. Type.—Male, yellow label 388. 2nd Coll. Pub. Mus., Quebec.

Epyris formicoides. Type.—White label "Hull 25-8-84 Rus"; blue label 312; yellow label 1028. 2nd Coll. Pub. Mus., Quebec.

Eypris prolongatus. Type.—Yellow label 744(s). 2nd Coll. Pub. Mus., Quebec. Abdomen gone.

Eriocampa marginata.—See Selandria.

Eriocampa superba. Type.—Female, yellow label 1544. 2nd Coll. Pub. Mus., Quebec.

Erronemus bedardi. Type.—Female, yellow label 658. 2nd Coll. Pub. Mus., Quebec.

Erronemus marginatus. Type.—Female, yellow label 989. 2nd Coll. Pub. Mus., Quebec.

Erronemus tristis. Type.—Female, blue label 594. 2nd Coll. Pub. Mus., Quebec. Left antenna gone.

Eubadizon basilare. Type.—Not located.

Eubadizon californicus. Type.—Female, yellow label 1489. 2nd Coll. Pub. Mus., Quebec. Antennæ broken beyond middle, head broken off and mounted on tag.

Eubadizon gracilis. Type.—Female, yellow label 603. 2nd Coll. Pub. Mus., Quebec. One antenna and left hind tarsi broken.

Eucerceris insignis. Type.—Male, white label 77(s); yellow label 1626. 2nd Coll. Pub. Mus., Quebec.

Eucharis gibbosa. Type.—Yellow label 623. 2nd Coll. Pub. Mus., Quebec. Head gone.

Eucoila minor. Type.—Not located.

Eulophus ramosus. Type.—Yellow label 924. 2nd Coll. Pub. Mus., Quebec. Fair.

Eulophus tricladus. Type.—Harrington Coll. Paratype, yellow label 1374; blue label 754. 2nd Coll. Pub. Mus., Quebec. Fair.

Eumenes cinctus. Type.—Female, round disk, yellow label 1643. 2nd Coll. Pub. Mus., Quebec. Poor condition, dirty, etc.

Eumenes crucifera. Type.—Female·Cat. No. 1978, U. S. Nat. Mus.

Eumenes flavopictus. Type.—Female, round disk, yellow label 1644. 2nd Coll. Pub. Mus., Quebec.

Eumenes impunctus. Type.—Female, round disk, yellow label 1642. 2nd Coll. Pub. Mus., Quebec.

Euphorus cephalicus. Type.—Male, yellow label 1118. 2nd Coll. Pub. Mus., Quebec. One antenna gone, other showing 8 joints.Poorly tag-mounted.

Euphorus punctatus. Type.—Male, yellow label 991. 2nd Coll. Pub. Mus., Quebec. Badly pinned; head missing.

Euplectrus lucens. Type.—Yellow label 1369. 2nd Coll. Pub. Mus., Quebec. Fair.

Euplectrus mellipes. Type.—Female, Harrington Coll. Antennæ broken, one complete to fourth funicle joint. Paratype.—Yellow label 1363. 2nd Coll. Pub. Mus., Quebec. Two specimens, both badly glued.

Euplectrus viridæneus. Type.—Yellow label 1382; blue 771(s). 2nd Coll. Pub. Mus., Quebec. Fair.

Eurytoma conica. Type.—Harrington Coll.

Eurytoma nigricoxa. Type.—Harrington Coll.

Eustalocerus fasciatus. Type.—Female, blue label 701(s), yellow label 1281. 2nd Coll. Pub. Mus., Quebec. Lacks flagella.

Eustalocerus longicornis. Type.—Female, yellow label 1280. 2nd Coll. Pub. Mus., Quebec. Antennæ and hind tarsi, broken.

Eustalocerus petiolatus. Type. — Female, yellow label 1083. 2nd Coll. Pub. Mus., Quebec. Left antenna, median and posterior legs on left, missing.

Eustalocerus tauricornis. Type.—Female, yellow label 566. 2nd Coll. Pub. Mus., Quebec. One antenna gone.

Euura nigra. Type.—Yellow label 1538. 2nd Coll. Pub. Mus., Quebec. Another specimen with small, white label "161."

Euxorides vancouverensis. Type.—Female, yellow label 1556. 2nd Coll. Pub. Mus., Quebec. Lacks flagellum.

Exenterus canadensis. Type.—Not located. Allotype.—Female, yellow label 953. 2nd Coll. Pub. Mus., Quebec.

Exenterus hullensis. Type.—Male, Harrington Coll. Pink label "P. 581." Allotype.—Female, blue label 468, yellow label 1238. 2nd Coll. Pub. Mus., Quebec.

Exetastes albitarsis. Type.—Female, yellow label 376. 1st Coll. Pub. Mus., Quebec.

Exetastes brevipennis. Type.—Not in Pub. Mus., Quebec, unless under *Mesostenus promptus* Cress.

Exetastes clavatus. Type.—Not located.

Exetastes matricus. Type.—Female, yellow label 531. 2nd Coll. Pub. Mus., Quebec. Right antenna at scape, left before the middle, anterior and median legs on right at coxæ gone.

Exetastes rufofemoratus. Type.—Female, yellow label 310. 2nd Coll. Pub. Mus., Quebec.

Exetastes rufus.—See *Ceratosoma.*

Exochilum nigrum. Type.—Female, yellow label 279. 2nd Coll. Pub. Mus., Quebec. Left antenna gone, right broken at apex, hind tarsi broken at third joint.

Exochus rufomaculatus. Type.—Female, blue label 562. 2nd Coll. Pub. Mus., Quebec.

Exolytus politus. Type.—Female, yellow label 365. 1st Coll. Pub. Mus., Quebec.

Exyston marginatum. Type.—Not in Pub. Mus., Quebec. Probably returned to collector.

Exyston variatus. Type.—Male, yellow label 324. 2nd Coll. Pub. Mus., Quebec.

Mailed November 1st, 1917.