

ART. XLIV.—*Monographia Chalciditum.* BY FRANCIS WALKER.

(Continued from p. 118.)

“ ——— the green myriads in the peopled grass.”

GENUS.—ENCYRTUS, *Dalman*, (continued.)

Fem.—Corpus breve, pubescens, subnitens, scite punctatum: caput transversum, breve, convexum; vertex latus; frons abrupte declivis: oculi mediocres: antennæ subclavatæ, pubescentes, corporis dimidio vix longiores; articulus 1^{us}. longus, fusiformis; 2^{us}. longicyathiformis; 3^{us}. et sequentes minuti, subæquales, fere quadrati; clava longissima, fusiformis, flagello paullo brevior: thorax ovatus, supra planus: mesothoracis scutum transversum; paraptera non convenientia; scutellum obconicum: abdomen ovatum, planum, subtus carinatum, juxta thoraci longum et latum: oviductus occultus.

Sp. 91. En. *Ilithyia*. *Fem.* *Atro-virens*, antennæ fuscae, pedes nigro-fusci, tarsi fulvi, alæ limpidæ.

Atro-virens: oculi et ocelli picei: antennæ fuscae; articuli 1^{us}. et 2^{us}. nigro-fusci: abdomen nitens, læve, fere glabrum: pedes nigro-fusci; genua et tarsi fulva, hi apice fusci; mesotarsi flavi, apice fusci: alæ limpidæ; squamulæ et nervi fulva. (Corp. long. lin. $\frac{1}{3}$; alar. lin. $\frac{2}{3}$.)

July; near London.

Fem.—Corpus breve, parvum, pubescens, scite punctatum, parum nitens: caput transversum, breve, convexum, thorace paullo latius; vertex latus; frons convexa, antice abrupte declivis: oculi mediocres: antennæ subclavatæ, corporis dimidio longiores; articulus 1^{us}. fusiformis; 2^{us}. cyathiformis; 3^{us} et sequentes parvi, transversi, usque ad 8^{um}. latescentes; clava teliformis, articulo 8°. latior et plus triplo longior: thorax ovatus, convexus: mesothoracis scutum transversum; paraptera non convenientia; scutellum brevi-obconicum: abdomen ovatum, planum, thorace latius vix longius: oviductus occultus: pedes graciles: alæ amplæ.

Sp. 92. En. *Thebe*. *Fem.* *Ater*, abdomen nigro-cupreum, antennæ fuscae, pedes flavi, femora fusca, alæ limpidæ.

Ater: oculi et ocelli picei: antennæ pallide fuscae: abdomen nigro-cupreum, nitens, læve, fere glabrum: pedes læte flavi; femora

fusca, apice flava; pro et metatarsi fulvi: alæ limpidæ, latæ; squamulæ et nervi fulva. (Corp. long. lin. $\frac{1}{4}$; alar. lin. $\frac{1}{2}$.)

Var. β.—Femora omnino flava.

Found near London.

Fem.—Corpus breve, latum, obscurum, punctatum, pubescens; caput transversum, juxta thoraci latum, vertex latus; frons abrupte declivis: oculi parvi: antennæ clavatæ?: thorax quadratus, parum convexus: mesothoracis scutum transversum; paraptera non convenientia; scutellum subrhombiforme: abdomen subrotundum, thorace brevius vix latius: oviductus occultus: pedes longi: alæ amplæ.

Sp. 93. En. Dore. Fem. Niger, abdomen nigro-cupreum, antennæ nigro-fuscae, pedes fusci fulvo-cincti, alæ limpidæ.

Niger: oculi et ocelli picei: antennæ nigro-fuscae: abdomen nigro-cupreum, nitens, læve, fere glabrum: pedes fusci; femora nigro-fusca, apice fulva; tibiæ apice et tarsi basi fulva; protibiæ omnino fulvæ: alæ limpidæ; squamulæ et nervi fusca. (Corp. long. lin. $\frac{1}{4}$; alar. lin. $\frac{1}{2}$.)

September; Isle of Wight.

Fem.—Corpus breve, latum, pubescens, scite punctatum, parum nitens: caput transversum, breve; vertex sat latus; frons abrupte declivis: oculi mediocres: antennæ clavatæ, corporis dimidio longiores; articulus 1^{us}. gracilis, fusiformis; 2^{us}. longicyathiformis; 3^{us}. et sequentes minuti, transversi, usque ad 8^{um}. latescentes; clava longiovata, acuminata, articulo 8^o. latior et triplo longior: thorax breviovatus, convexus: mesothoracis scutum transversum; paraptera non convenientia; scutellum obconicum: abdomen subrotundum, supra planum, subtus carinatum, thorace brevius vix latius: oviductus exertus: pedes longi: alæ amplæ, corpore longiores.

Sp. 94. En. Cypris. Fem. Niger, antennæ fuscae, pedes nigro-fusci, tarsi flavi, alæ limpidæ.

Niger: oculi et ocelli picei: antennæ fuscae: abdomen læve, nitens, fere glabrum: oviductus vaginæ fuscae, brevissimæ: pedes nigro-fusci; genua flava; tarsi flavi, apice fusci; pro-et mesotibiæ fuscae, basi et apice flavæ; protarsi fulvi: alæ limpidæ; squamulæ et nervi fulva. (Corp. long. lin. $\frac{1}{4}$; alar. lin. $\frac{1}{2}$.)

Found near London.

Mas et Fem.—Corpus breve, latum, crassum, punctatum, pubescens, obscurum: caput transversum, thorace vix angustius; vertex latus; frons convexa: oculi magni, non extantes: *mari* antennæ moniliformes, corpore longiores; articulus 1^{us}. fusiformis; 2^{us}. ovatus; 3^{us}. et sequentes ad 8^{um}. longi, subcyathiformes; clava fusiformis, acuminata, articulo 8°. fere duplo longior: *fem.* antennæ clavatæ, graciles, corporis dimidio longiores; articulus 2^{us}. cyathiformis; 3^{us}. et sequentes parvi, transversi, usque ad 8^{um}. latescentes et protendentes; clava longiovata, apice oblique truncata, articulo 8°. latior et plus duplo longior: thorax brevis, subquadratus, convexus; mesothoracis scutum transversum; paraptera non convenientia; scutellum subrhombiforme: *mari* abdomen obconicum, planum, thorace angustius et multo brevius: sexualia subexerta: *fem.* abdomen brevi-obconicum, quam latum vix longius, subtus carinatum: oviductus subexertus: alæ longæ.

Sp. 95. En. fuscicollis. *Mas et Fem. Ater, caput viride, abdomen nigro-æneum, antennæ mari fuscæ fem. fulvæ, pedes flavo-fusci, alæ limpidæ.*

Encyrtus fuscicollis. *Dalman, Kongl. Vetens. Acad. Handl. för är, 1820; Nees ab Ess. Hym. Ich. affin. Monogr. II. 236.*

Encyrtus atricollis. *Ditto ditto II. 237.*

Ater: caput viride: oculi et ocelli rufi: *mari* antennæ pallide fuscæ; articuli 1^{us}. et 2^{us}. obscuriores: *fem.* antennæ fulvæ; articuli 1^{us}. et 2^{us}. fusci, apice fulvi: abdomen nigro-æneum: oviductus vaginæ nigræ, breves: *mari* pedes flavi; tarsi apice fulvi; propedes fulvi, coxæ et femora nigro-fusca hæ apice flava, tibiæ fuscæ apice fulvæ; coxæ, meso- et metafemora necnon metatibiæ fusca, apice et basi flava; mesotibiæ basi nigro-fuscæ: *fem.* propedes fulvi, coxæ fuscæ, femora fusca apice et basi fulva, tibiæ basi fuscæ; mesopedes flavi, femora nigro-fusca basi fulva apice flava, tibiæ basi nigro-fuscæ, tarsi apice fulvi; metapedes nigri, trochanteres et genua fulva, tibiæ apice flavæ, tarsi flavi apice fulvi: alæ limpidæ; squamulæ et nervi fulva. (Corp. long. lin. $1\frac{1}{4}$; alar. lin. $\frac{1}{2}$.)

Var. β.—*Fem.* antennæ fuscæ; articuli 1^{us}. et 2^{us}. nigro-fusci.

Var. γ.—*Fem.* profemora fusca apice fulva.

August; on grass in fields, near London. Found in the flowers of *Senecio Jacobea*, at Holywood, near Belfast, by Mr. Haliday.

Nees ab Essenbeck gives the following synonym and quotation :—

“ *Pteromalus cyaneo-cephalus*. *Bouché Naturgeschichte der MS. I. 167. 59.*

“ Larva flavescenti-alba, elliptica, rugosa, capite subrotundo. Habitat gregatim (centeni haud raro), in eadem larva *Ypomeutæ Evonymellæ*. Erucæ, his parasitis infestatae, versus metamorphoseos tempus tument liventque, textoque sanarum ad instar, cocco tamen in pupam haud mutantur, sed prius obeunt. Ex quibus quatuor hebdomadam intervallo undique vespæ erumpunt.—*Bouché, l. c.*”

Fem.—Corpus breve, parvum, pubescens, scitissime punctatum, parum nitens: caput hemisphæricum, thorace vix angustius; vertex latus, convexus; frons convexa: oculi mediocres, non exstantes: antennæ subfiliformes, gracillimæ, corpore paullo breviores; articulus 1^{us}. fusiformis; 2^{us}. subrotundus; 3^{us}. et sequentes longi, lineares, hirti, subæquales; clava longifusiformis, acuminata, articulo 8°. plus duplo longior vix latior: thorax ovatus, planus: mesothoracis scutum transversum; paraptera non convenientia; scutellum brevi-obconicum, basi angulatum: abdomen ovatum, planum, juxta thoraci longum, apice angustum et acuminatum: oviductus exertus; vaginæ pubescentes: pedes graciles; mesotarsi vix incrassati: alæ amplæ.

Mas.—Caput quàm *fem.* paullo latius et brevius: antennis articulo 3°. ad 8^{um}. pilosi, discretiores; clava fusiformis, acuminata, articulo 8°. multo longior non latior: abdomen ovatum, thorace brevius et paullo angustius: sexualia subexerta.

Sp. 96. En. Amathus. Mas et Fem. *Niger, abdomen nigro-cupreum, antennæ mari fulvæ fem. fuscæ, pedes flavo-fusci, alæ limpidæ.*

Fem.—Niger: oculi et ocelli picei: antennæ fuscæ; articuli 1^{us}. et 2^{us}. nigro-fusci: abdomen nigro-cupreum, nitens, læve, fere glabrum: oviductus vaginæ fuscæ, breves: pedes flavi; femora nigro-fusca, apice flava; tibiæ basi fuscæ; tarsi apice fulvi; metatibiæ fuscæ; protarsi fulvi: alæ limpidæ, corpore longiores; squamulæ fuscæ; nervi fulvi, apice obscuriores.

Mas.—Antennæ fulvæ; articuli 1^{us}. et 2^{us}. nigro-fusci: sexualia fulva, pedes nigro-fusci; metafemora nigra; genua flava; pro- et mesotibiæ fuscæ, apice flavæ; pro- et metatarsi fulvi; mesotarsi flavi, apice fusci. (Corp. long. lin. $\frac{1}{4}$; alar. lin. $\frac{1}{2}$.)

Found on *Salix Caprea*, at Holywood, near Belfast, by Mr. Haliday.

Fem.—Corpus parvum, angustum, pubescens, scite punctatum, parum nitens : caput subrotundum, juxta thoraci latum ; vertex angustus ; frons convexa, antice abrupte declivis : oculi magni : antennæ clavatæ, corporis dimidio vix longiores ; articulus 1^{us}. gracilis, fusiformis ; 2^{us}. cyathiformis ; 3^{us}. et sequentes minuti, transversi, usque ad 8^{um}. latescentes ; clava fusiformis, articulo 8°. multo latior et flagello vix brevior : thorax ovatus, parum convexus : mesothoracis scutum transversum ; paraptera non convenientia ; scutellum brevi-obconicum : abdomen ovatum, planum, nitens, læve, fere glabrum, subtus carinatum, apice acuminatum, thorace angustius vix brevius : oviductus occultus : alæ angustæ.

Sp. 97. En. Lambinus. *Fem. Ater, abdomen nigro-æneum, antennæ fuscae flavo-cinctæ apice nigræ, pedes nigri albo-cincti, alæ limpidæ.*

Ater : caput nigro-viride : oculi et ocelli picci : antennæ fuscae ; articuli 1^{us}. et 2^{us}. apice flavi ; flagellum apice et subtus flavum ; clava nigra : abdomen nigro-æneum, basi cyaneum : pedes nigri ; femora apice fusca ; tibiæ basi et apice albidæ ; tarsi albidii, apice fusci ; mesopedes albidii, femora nigro-cincta, genua nigro-maculata, tibiæ basi nigræ, tarsi apice fulvi : alæ limpidæ ; squamulæ et nervi fulva. (Corp. long. lin. $\frac{1}{4}$ — $\frac{1}{3}$; alar. lin. $\frac{1}{2}$ — $\frac{2}{3}$.)

May ; near London, under a currant-leaf ; probably a parasite of *Aphis Ribis*.

Mas.—Corpus angustum, sublineare, nitens, breviter et parce pubescens, scitissime punctatum : caput transversum, brevissimum, supra convexum, thorace angustius ; vertex latus ; frons abrupte declivis : oculi parvi : antennæ filiformes, graciles, hirtæ, corpore paullo breviores ; articulus 1^{us}. fusiformis ; 2^{us}. cyathiformis ; 3^{us}. et sequentes longi, æquales, sublineares ; clava fusiformis, acuminata, articulo 8°. plus duplo longior : thorax ovatus, convexus : mesothoracis scutum transversum ; paraptera non convenientia ; scutellum obconicum : abdomen longiovatum, thorace multo longius vix angustius : mesotarsi vix dilatati : alæ angustæ.

Sp. 98. En. Caris. *Mas. Niger, abdomen fuscum, antennæ nigræ, pedes fulvi, proalæ subfuscae.*

Niger : oculi et ocelli rufi : antennæ nigræ ; articulus 1^{us}. nitens : abdomen fuscum, apice nigrum : pedes fulvi ; meso- et metatarsi flavi, apice fusci : proalæ subfuscae, ciliatæ ; squamulæ et nervi pallide fusca. (Corp. long. lin. $\frac{1}{2}$; alar. lin. $\frac{3}{4}$.)

Taken by the Rev. G. T. Rudd, in Durham.

Fem.—Corpus parvum, angustum, sublineare : caput transversum, breve, juxta thoraci latum ; vertex parum convexus ; frons plana : antennæ clavatæ, graciles, corporis dimidio longiores ; articulus 1^{us}. gracilis, fusiformis ; 2^{us}. cyathiformis ; 3^{us}. et sequentes minuti, transversi, cyathiformes, usque ad 8^{um}. latescentes ; clava teliformis articulo 8°. latior et plus duplo longior : thorax planus, ovatus : mesothoracis scutum subquadratum ; paraptera non convenientia ; scutellum breve, fere semicirculum fingens : abdomen ovatum, planum, thorace paullo latius vix brevius : oviductus occultus : pedes graciles : alæ angustæ.

Sp. 99. En. Nadius. Fem. *Fulvo-fuscus, antennæ fulvæ, pedes flavi, alæ limpidæ.*

Fuscus, subtus fulvus : caput fulvum : oculi et ocelli picei : antennæ pallide fulvæ : pedes flavi ; tarsi apice fusci : alæ limpidæ ; squamulæ et nervi flava. (Corp. long. lin. $\frac{1}{6}$; alar. lin. $\frac{1}{3}$.)

Found near London.

Mas. — Corpus sublineare, planum, scitissime punctatum, parce et breviter pubescens, parum nitens : caput parvum, transversum, brevissimum, thorace angustius ; vertex latus ; frons abrupte declivis : oculi parvi, extantes : antennæ filiformes, graciles, pilosæ, corpore fere longiores ; articulus 1^{us}. fusiformis, gracilis ; 2^{us}. cyathiformis ; 3^{us}. et sequentes ad 8^{um}. longi, lineares ; clava fusiformis, articulo 8°. fere duplo longior : thorax breviovatus : mesothoracis scutum transversum ; paraptera fere convenientia ; scutellum semicirculum fingens, basi angulatum : abdomen breviovatum, depressum, juxta thoraci longum et latum : sexualia conspicua : pedes graciles, sat longi ; mesotarsi vix incrassati : alæ longæ, angustæ, breviter ciliatæ.

Sp. 100. En. Piso. Mas. *Nigro-piceus, caput antice fulvum, antennæ nigro-fusæ, pedes flavi aut fusco-fulvi, alæ fulvo-tinctæ.*

Nigro-piceus : oculi et ocelli obscure rufi : os fulvum : antennæ nigro-fusæ : abdomen læve, fere glabrum, basi viridi-cupreum micans ; sexualia flava : pedes flavi ; genua et tarsi apice obscuriora : alæ fulvo-tinctæ ; squamulæ et nervi fusca. (Corp. long. lin. $\frac{1}{4}$ — $\frac{1}{3}$; alar. lin. $\frac{1}{2}$ — $\frac{2}{3}$.)

Var. β.—Capitis frons læte fulva : antennis articuli 1^{us}. basi et apice 2^{us}.que omnino flavi : pedes pallide flavi.

Var. γ.—Antennis articulus 1^{us}. pallidior : pedes fulvi ; femora fusca ; propedes flavi, femora basi fusca, tarsi fulvi.

May, September; near London; North Wales. Found at Holywood, near Belfast, by Mr. Haliday.

Mas. — Corpus mediocre, sublineare, nitens, pubescens, scitissime punctatum: caput brevissimum, thorace vix latius; vertex latus, convexus; frons abrupte declivis: oculi mediocres: antennæ latæ, subserratæ, corpore paullo breviores; articulus 1^{us}. fusiformis, gracilis; 2^{us}. cyathiformis, brevis; 3^{us}. et sequentes ad 8^{um}. lati, transversi, subcyathiformes; clava fusiformis, articulo 8^o. plus duplo longior et paullo angustior: thorax ovatus, planus: mesothoracis scutum transversum; paraptera non convenientia; scutellum obconicum: abdomen ovatum, planum, juxta thoraci longum et latum: pedes validi; mesotarsi vix dilatati: alæ latæ.

Sp. 101. En. Mysus. *Mas. Fulvus aut nigro-piceus, antennæ fulvæ, pedes fulvi aut fuscii, tarsi flavi, alæ limpidæ.*

Fulvus: capitis vertex thoracisque discus picei: antennæ fulvæ; articulus 1^{us}. flavus; 2^{us}. basi fuscus: oculi et ocelli picei: abdomen apice piceum: sexualia fusca: pedes pallide fulvi; tarsi flavi, apice fuscii: alæ limpidæ; squamulæ et nervi fulvi. (Corp. long. lin. $\frac{1}{3}$ — $\frac{2}{5}$; alar. lin. $\frac{2}{3}$ — $\frac{5}{4}$.)

Var. β.—Abdomen supra omnino piceum.

Var. γ.—Nigro-piceus: antennæ obscure fulvæ: pedes pallide fuscii; genua flava; tibiæ apice flavæ; tarsi flavi, apice obscuriores.

July, September; on pine trees, near London.

Mas. — Corpus parvum, crassum, pubescens, punctatum, parum nitens: caput breve, juxta thoraci latum; vertex latus, convexus; frons abrupte declivis: oculi mediocres: antennæ serratæ, hirtæ, corpore vix breviores; articulus 1^{us}. validus, fusiformis; 2^{us}. cyathiformis, brevis; 3^{us}. et sequentes ad 8^{um}. latiores, cyathiformes; clava fusiformis, acuminata, articulo 8^o. fere duplo longior: thorax ovatus, altus, convexus: mesothoracis scutum transversum; paraptera non convenientia; scutellum obconicum: abdomen sublineare, compressum, thorace angustius et brevius: pedes validi.

Sp. 102. En. Camirus. *Mas. Viridis, abdomen nigro-cupreum, antennæ fulvæ, pedes nigro-fuscii flavo-cincti, alæ albæ.*

Viridis: oculi et ocelli obscure rufi: antennæ obscure fulvæ; articuli 1^{us}. et 2^{us}. fuscii: abdomen nigro-cupreum: pedes nigro-fuscii; genua flava; tarsi fuscii; mesopedum femora fusca, tibiæ fulvæ apice et basi flavæ, tarsi læte flavi apice fuscii; protibiæ

fuscae: alæ albæ; squamulæ et nervi fulvæ, hi apice fusci. (Corp. long. lin. $\frac{1}{3}$; alar. lin. $\frac{1}{2}$.)

Var. β.—Mesopodes flavi; femora basi fusca; tarsi apice fusci.

September; on grass in fields, near London.

Fem.—Corpus breve, latum, pubescens, scite punctatum, parum nitens: caput transversum, brevissimum, convexum, thorace fere angustius; vertex latus; frons subimpressa, abrupte declivis: oculi mediocres: antennæ clavatæ, corpore non breviores; articulus 1^{us}. fusiformis, gracilis; 2^{us}. longicyathiformis; 3^{us}. et sequentes breviores, subquadrati, usque ad 8^{um}. paullulum latescentes; clava longiovata, apice obtusa, articulo 8°. multo latior et plus duplo longior: thorax breviovatus, supra fere planus: mesothoracis scutum transversum; paraptera non convenientia; scutellum breviobconicum: abdomen subrotundum, planum, thorace brevius non latius, subtus carinatum, apice acuminatum: oviductus occultus.

Sp. 103. En. Aretas. Fem. *Ater*, antennæ nigræ, pedes nigro-fusci, tarsi flavi, alæ limpidæ.

Ater: oculi et ocelli obscure rufi: antennæ nigræ: abdomen nitens, læve, fere glabrum: pedes nigro-fusci; genua et tarsi flava, hi apice fusci; protarsi fulvi: alæ limpidæ; squamulæ et nervi pallide fusca. (Corp. long. lin. $\frac{1}{2}$ — $\frac{3}{4}$; alar. lin. 1—1 $\frac{1}{2}$.)

Var. β.—Antennæ nigro-fuscae: tibiæ fuscae; protibiæ flavæ, fusco-cinctæ.

Var. γ.—Thorax viridis.

September; Cumberland.

Mas.—Corpus angustum, punctatum, pubescens, parum nitens: caput breve, transversum, convexum; vertex latus; frons abrupte declivis: oculi mediocres: antennæ filiformes, pubescentes, juxta corpori longæ; articulus 1^{us}. gracilis, fusiformis; 2^{us}. cyathiformis, brevis; 3^{us}. et sequentes ad 8^{um}. longi, lineares, subæquales; clava fusiformis, acuminata, articulo 8°. fere duplo longior: thorax ovatus, convexus: mesothoracis scutum transversum; paraptera non convenientia; scutellum obconicum: abdomen longiovatum, planum, thorace longius vix angustius.

Sp. 104. En. Telesto. En. Aretas. Mas.? *Niger*, antennæ nigræ, pedes nigro-fusci, tarsi fusci, alæ limpidæ.

Niger: oculi et ocelli obscure rufi: antennæ nigræ: abdomen nitens, læve, fere glabrum: pedes nigro-fusci; genua flava; tarsi fusci; protibiæ fuscae; mesotarsi flavi, apice fusci: alæ limpidæ; squamulæ et nervi pallide fusca. (Corp. long. lin. $\frac{2}{3}$; alar. lin. $1\frac{1}{3}$.)
September; Cumberland.

Fem.—Corpus breve, latum, obscurum, punctatum, pubescens: caput transversum, brevissimum, convexum, vix thorace latius; vertex latus; frons abrupte declivis: oculi mediocres, non extantes: antennæ clavatæ, corporis dimidio paullo longiores; articulus 1^{us}. fusiformis, crassus; 2^{us}. longicyathiformis; 3^{us}. et sequentes transversi, brevissimi, usque ad 8^{um}. latescentes; clava ovata, articulo 8°. plus duplo longior: thorax ovatus, convexus: mesothoracis scutum transversum; paraptera non convenientia; scutellum breviobconicum: abdomen breviovatum, planum, apice acuminatum, thorace brevius.

Sp. 105. En. Syllæus. Fem. *Piceus, antennæ fuscae, pedes flavi, alæ limpidæ.*

Piceus: caput antice ferrugineum: oculi et ocelli picei: antennæ pallide fuscae, subtus flavæ: pedes flavi; femora supra fusco-vittata; tibiæ fusco-cinctæ; tarsi apice fusci: alæ sublimpidæ; squamulæ et nervi fulva. (Corp. long. lin. $\frac{1}{6}$; alar. lin. $\frac{1}{3}$.)

Found near London.

Mas.—Corpus breve, parvum, subnitens, scite punctatum, parce hirtum: caput juxta thoraci latum, transversum, convexum; vertex latus; frons abrupte declivis: oculi mediocres, non extantes: antennæ fusiformes, pilosæ, corpore paullo breviores; articulus 1^{us}. fusiformis, crassus; 2^{us}. cyathiformis; 3^{us}. et sequentes ad 8^{um}. breves, subquadrati; clava fusiformis, articulo 8°. multo longior: thorax ovatus, convexus: mesothoracis scutum longitudine vix latius; paraptera non convenientia; scutellum breviobconicum: abdomen ovatum, planum, nitens, læve, glabrum, thorace brevius.

Sp. 106. En. Meon. Mas. *Niger, antennæ fuscae, pedes picei, alæ limpidæ.*

Niger: oculi picei: antennæ pallide fuscae; articuli 1^{us}. et 2^{us}. obscuriores: pedes picei; mesotarsi fusci: alæ limpidæ; squamulæ fuscae; nervi flavi, apice fusci. (Corp. long. lin. $\frac{1}{5}$; alar. lin. $\frac{1}{5}$.)

Found near London.

Mas.—Corpus breve, crassum, convexum, punctatum, parce hirtum, parum nitens: caput transversum, brevissimum, thorace vix latius; vertex latus; frons abrupte declivis: oculi mediocres, non exstantes: antennæ filiformes, pilosæ, corpore fere longiores; articulus 1^{us}. fusiformis; 2^{us}. cyathiformis; 3^{us}. et sequentes longi, lineares, usque ad 8^{um}. paullulum curtantes; clava fusiformis, articulo 8°. fere duplo longior: thorax ovatus, altus: mesothoracis scutum transversum; paraptera non convenientia; scutellum subrhombiforme: abdomen breviconicum, planum, nitens, læve, fere glabrum, thorace brevius et paullo angustius.

Sp. 107. En. Thyra. *Mas. Viridis, antennæ fulvæ, pedes fusci, mesotarsi flavi, alæ limpidæ.*

Obscure viridis: oculi et ocelli picei: antennæ fulvæ; articuli 1^{us}. et 2^{us}. fusci: metathorax æneus: abdomen nigro-viride: pedes fusci; genua fulva; tarsi basi et subtus fulvi; mesopedum genua flava, tarsi flavi apice fusci: alæ limpidæ; squamulæ et nervi fusca. (Corp. long. lin. $\frac{2}{3}$; alar. lin. $1\frac{1}{4}$.)

Var. β.—Abdomen æneum.

July; Forest of Fontainbleau.

Mas.—Corpus parvum, angustum, convexum, scite punctatum, pubescens, nitens: caput transversum, breve, thorace vix latius; vertex latus; frons abrupte declivis: oculi mediocres, non exstantes: antennæ graciles, pilosæ, extrorsum crassiores, corpore fere longiores; articulus 1^{us}. fusiformis, gracilis; 2^{us}. cyathiformis; 3^{us}. et sequentes ad 8^{um}. longi, lineares, subæquales; clava fusiformis, articulo 8°. paullo latior et multo longior: thorax ovatus: mesothoracis scutum longitudine vix latius; paraptera non convenientia; scutellum obconicum: abdomen breviovatum, planum, læve, fere glabrum, apice hirtum, thorace multo brevius non latius.

Sp. 108. En. Celadus. *Mas. Viridis, abdomen nigro-cupreum, antennæ fusæ, pedes nigri flavo-cincti, alæ limpidæ.*

Viridis, cæruleo minime infectus: caput læte viride: oculi et ocelli picei: antennæ fusæ; articulus 1^{us}. basi et subtus flavus: abdomen nigro-cupreum: pedes nigri; genua fulva; tarsi pallide fusci, basi et subtus flavi; mesopedes flavi, femora et tibiæ late nigro-cincta: alæ limpidæ; squamulæ et nervi fusca. (Corp. long. lin. $\frac{1}{2}$; alar. lin. $\frac{3}{4}$.)

July; Forest of Fontainbleau.

Fem.—Corpus breve, latum, convexum, punctatum, pubescens, parum nitens: caput transversum, subquadratum, sat magnum; vertex angustus; frons abrupte declivis: oculi magni, non extantes: antennæ clavatæ, crassæ, corporis dimidio paullo longiores; articulus 1^{us}. fusiformis, crassus; 2^{us}. longicyathiformis, crassus; 3^{us}. et sequentes transversi, brevissimi, usque ad 8^{um}. latescentes; clava oblique truncata, articulo 8°. fere duplo longior paullo latior: thorax ovatus: mesothoracis scutum transversum; paraptera non convenientia; scutellum breviobconicum: abdomen breviovatum, planum, squameum, nitens, fere glabrum, thorace brevius.

Sp. 109. En. Obodas. Fem. *Viridis, thorax antice flavus, antennæ nigræ, pedes flavo-fusci, alæ vix ullæ.*

Obscure viridis: oculi et ocelli picei: antennæ nigræ; articulus 1^{us}. nigro-viridis: prothorax supra et mesothoracis scutum antice pallide flava: abdomen apice cupreo-æneum: pedes pallide fusci; propedum trochanteres et tarsi subtus flavi; mesopedum tibiæ flavæ basi fuscæ, tarsi pallide flavi apice fusci; metapedes nigro-fusci, genua fulva, tarsi pallide flavi apice fusci: alæ mutilatæ, brevissimæ, limpidæ. (Corp. long. lin. $\frac{2}{3}$.)

July; Forest of Fontainbleau.

Fem.—Corpus mediocre, sublineare, subconvexum, punctatum, pubescens, parum nitens: caput transversum, subquadratum, juxta thoraci latum; vertex angustius; frons antice convexa: oculi magni, non extantes: antennæ clavatæ, corporis dimidio longiores; articulus 1^{us}. fusiformis, gracilis; 2^{us}. longicyathiformis; 3^{us}. et sequentes transversi, subquadrati, usque ad 8^{um}. latescentes; clava longiovata, articulo 8°. duplo longior paullo latior: thorax ovatus: mesothoracis scutum transversum; paraptera non convenientia; scutellum breviobconicum: abdomen ovatum, planum, læve, fere glabrum, thorace brevius.

Sp. 110. En. Baleus. Fem. *Æneo-viridis, antennæ nigræ, pedes fulvo-fusci, alæ vix ullæ.*

Obscure æneo-viridis: caput viridi-æneum, punctis majoribus aspersum: oculi et ocelli obscure rufi: antennæ nigræ; articulus 1^{us}. nigro-viridis: pedes fusci; genua fulva; tarsi fulvi, apice fusci; mesopedes pallidiores: alæ mutilatæ, brevissimæ, limpidæ. (Corp. long. lin. $\frac{3}{4}$.)

July; Forest of Fontainbleau.

Mas. — Corpus parvum, sublineare, convexum, nitens, scite punctatum, parce pubescens: caput transversum, brevissimum, thorace fere angustius; vertex latus; frons abrupte declivis: oculi mediocres, non extantes: antennæ filiformes, graciles, pilosæ, corpore vix breviores; articulus 1^{us}. fusiformis, gracilis; 2^{us}. cyathiformis; 3^{us}. et sequentes ad 8^{um}. longi, lineares, discreti, subæquales; clava fusiformis, articulo 8^o. multo longior: thorax ovatus: mesothoracis scutum transversum; paraptera fere convenientia; scutellum subrotundum: abdomen subquadratum, planum, læve, fere glabrum, thorace paullo brevius vix angustius.

Sp. 111. En. Arene. *Mas. Ater, antennæ fuscae, pedes fulvo-fusci, alæ sublimpidæ.*

Ater: oculi et ocelli picei: antennæ fuscae: pedes fusci; genua fulva; tibiæ apice et subtus fulvæ; tarsi pallide fulvi, apice fusci; mesopedes pallidiores; squamulæ fuscae; nervi fulvi. (Corp. long. lin. $\frac{1}{2}$; alar. lin. 1.)

July; south of France.

Mas. — Corpus longum, angustum, convexum, nitens, scite punctatum, parce pubescens: caput transversum, breve, juxta thoraci latum; vertex latus; frons abrupte declivis: oculi mediocres, non extantes: antennæ filiformes, graciles, pubescentes, corpore non breviores; articulus 1^{us}. fusiformis, gracilis; 2^{us}. cyathiformis; 3^{us}. et sequentes ad 8^{um}. longi, lineares, subæquales; clava fusiformis, articulo 8^o. longior: thorax ovatus: mesothoracis scutum transversum; paraptera non convenientia; scutellum breviobconicum: abdomen longiobconicum, subcompressum, thorace angustius vix brevius: pedes graciles: alæ longæ.

Sp. 112. En. Fadus. *Mas. Viridis, antennæ fuscae, pedes fusci, tarsi flavi, alæ sublimpidæ.*

Læte viridis: oculi et ocelli rufi: antennæ fuscae; articulus 1^{us}. viridis: metathorax æneus: pedes fusci; genua pallide flava; tarsi pallide flavi, apice fusci; protarsi pallide fusci: alæ sublimpidæ; squamulæ fuscae; nervi fulvi, apice obscuriores. (Corp. long. lin. $\frac{3}{4}$; alar. lin. $1\frac{1}{2}$.)

July; south of France.

Fem. — Corpus longum, angustum, gracile, vix convexum, nitens, scite punctatum, parce pubescens: caput transversum, breve, juxta thoraci latum; vertex convexus, latus; frons abrupte

declivis: oculi mediocres, non extantes: antennæ gracillimæ, extrorsum crassiores, corpore vix breviores; articulus 1^{us}. fusiformis, gracilis; 2^{us}. longicyathiformis; 3^{us}. et sequentes longi, sublineares, usque ad 8^{um}. paullulum curtantes et latescentes; clava linearis, apice conica, articulo 8°. plus triplo longior paullo latior: thorax longiovatus: mesothoracis scutum longitudine vix latius; paraptera non convenientia; scutellum breviobconicum: abdomen compressum, planum, thorace angustius non brevius: oviductus exertus, abdominis dimidio longior: pedes longi, graciles.

Sp. 113. En. Sagillus. Fem. *Æneo-viridis*, abdomen cupreum, antennæ fusæ, pedes læte flavi, femora fusca, alæ limpidæ.

Æneo-viridis: caput antice et subtus viride: os fulvum: oculi et ocelli obscure rufi: antennæ fusæ; articulus 1^{us}. viridis: mesothoracis scutellum æneum: abdomen cupreum: oviductus flavus; vaginæ fusæ: pedes læte flavi; coxæ virides; trochanteres fulvi; femora nigro-fusca; tarsi apice pallide fusci; protibiæ et protarsi obscure fulva, hi apice fusci; metatibiæ apice fusæ: alæ limpidæ, mutilatæ? (Corp. long. lin. 1.)

July; south of France.

Mas.—Corpus breve, crassum, coarctatum, convexum, nitens, parce punctatum, brevissime pubescens: caput magnum, transversum, subquadratum, postice concavum, thorace latius; vertex latus; frons convexa, abrupte declivis: oculi sat magni, subrotundi, non extantes: ocelli nulli: antennæ subclavatæ, pubescentes, corpore non breviores; articulus 1^{us}. fusiformis, validus; 2^{us}. cyathiformis, mediocris; 3^{us}. et sequentes longi, lineares, usque ad 8^{um}. paullulum curtantes et latescentes; clava fusiformis, articulo 8°. multo longior et paullo latior: thorax breviconicus, latitudine vix longius: prothorax brevis, latus, sat bene determinatus: mesothoracis scutum brevissimum, prothorace minus; parapsidum suturæ bene determinatæ, postice approximatae; paraptera et epimera magna; scutellum maximum, subrotundum, longitudine paullo latius: metathorax brevissimus: abdomen latitudine vix longius, quadratum, læve, fere glabrum, thorace brevius vix latius, apice abrupte acuminatum; segmentum 1^{um}. maximum; 2^{um}. et sequentia minima, supra vix conspicua: pedes validi; mesopedum tibiæ apice dilatatae et calcaratae, tarsi incrassati; metapedum femora et tibiæ subarcuata: alæ sæpissime nullæ.

Fem.—Antennæ clavatae, corporis dimidio vix longiores; articulus 2^{us}. longicyathiformis; 3^{us}. et sequentes minuti, transversi, usque

ad 8^{um}. latescentes et paullulum protrahentes ; clava ovata, articulo 8°. latior et plus duplo longior : abdomen thorace latius non longius ; segmenta 2^{um}. et sequentia brevia : segmenta ventralia conspicua, ad apicem detectiora : oviductus vix exertus.

Sp. 114. En. ineptus. Mas et Fem. *Nigro-æneus*, antennæ fuscæ aut fulvæ, pedes nigro-ænei, tarsi fulvi.

Encyrtus ineptus. *Dalman, Kongl. Vetens. Acad. Handl. för är, 1820 ; II. 367. 54 ; Pterom. Suec. 76. 54 ; Nees ab Ess. Hym. Ich. affin. Monogr. II. 255.*

Choreia nigro-ænea. *Westwood, Loudon's Mag. Nat. Hist. VI. 122.*

Crantor *Haliday, Ent. Mag. I. 268.*

Sphenolepis inepta. *Nees ab Ess. Hym. Ich. affin. Monogr. II. 258.*

Choreius ineptus . *Westwood, Lond. and Edinb. Phil. Mag. Third Series. X. 63. 442.*

Mas.—Nigro-æneus : oculi et ocelli picei : antennæ fuscæ : pedes nigro-ænei ; genua et tibiæ apice fulva ; tarsi fulvi, apice fuscii ; mesopedum femora apice et basi fulva, tibiæ fulvæ basi fuscæ.

Fem.—Antennæ fulvæ ; articuli 1^{us}. et 2^{us}. fuscii ; clava picea : mesopedum femora nigro-ænea, tibiæ piceæ apice fulvæ : oviductus fulvus. (Corp. long. lin. $\frac{1}{2}$ — $\frac{5}{4}$.)

Var. β.—*Mas.* Antennæ fulvæ ; articuli 1^{us}. et 2^{us}. fuscii : mesotibiæ fuscæ, apice fulvæ.

Found in Durham by the Rev. T. G. Rudd, and at Port Marnock, Ireland, by Mr. Haliday. September ; Westmoreland.

ART. XLV.—*Recollections of Five Days in Teneriffe.* BY WILLIAM CHRISTY, JUN.

A PARTY having been formed among some of the visitors at Madeira, for the purpose of making a short trip to Teneriffe, a vessel was accordingly chartered. She sailed from Funchal on the evening of Sunday, the 31st December, 1837. The following account of the excursion is taken from the rough



Walker, Francis. 1838. "Monographia Chalciditum. (Continued.)." *The Entomological magazine* 5, 418–431.

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