

## NOTE XVIII.

## TEN NEW SPECIES OF CICINDELIDAE

DESCRIBED BY

**Dr. WALTHER HORN.***Odontochila Sternbergi*, sp. n.

Differt ab *Od. simulatore* m. statura majore; labro longiore, in medio (ab basi ad apicem) viridi-tincto, dente mediana distincta; fronte latiore, oculis magis prominentibus, vittis discoidalibus deficientibus; thorace brevior latiore, postice minus angustato; elytris longioribus, magis parallelis, planioribus, ad marginem post medium minus cyaneis; antennarum articulo primo viridi, palpis labialibus et trochanteribus posticis piceis, pedibus obscure-cyaneis, tarsis anticis viridibus; corpore subtus fere toto viridi. — Long. 11 $\frac{1}{2}$  mm.

1 ♂, Venezuela. — I owe my unique specimen to the kindness of Mr. Chr. Sternberg who has presented it to me with many other rare Cicindelidae of his collection.

Ab *Od. Jordani* m. (specie sequente!) haec bestia est distinguenda magnitudine paullo majore; colore (praesertim elytrorum) laete cupreo-viridi; labro brevior, in medio viridi; vertice brevior; thorace latiore brevior, in medio magis rotundato, marginibus lateralibus cum angulis posticis viridi-lucentibus (basi sulcisque obscure cuprascentibus); elytrorum sculptura antica evidenter subtilior; pedibus obscure cyaneis (vide supra!); colore antennarum (articulis

2—4 cyaneis), trochanterum posticorum, palporum labialium etc.

Head and thorax dull coppery-brassy on the disk; elytra of a coppery-greenish colour (not very glossy).

*Odontochila Jordani*, sp. n.

Species intermedia inter *Odont. rufiscapem* Bat. et *Odont. exilem* Bat. Differt ab illa magnitudine minore; antennis gracilioribus (praesertim apicem versus); labro (imprimis ♂) brevior, ♂ dente mediana distincta, ♀ ♂ tota basi discoque nigrescentibus; fronte inter oculos magis excavata; thorace minus plano, sulcis magis distinctis, margine antico in medio producto, angulis posticis clarius cupreo-micantibus. — Distinguenda ab *Odont. exili* Bat. antennarum articulo 3<sup>o</sup> et 4<sup>o</sup> rufo-annulato; pronoti marginibus (praesertim basi!) valde opacioribus, ad angulos posticos planioribus; elytrorum basi margineque minus splendentibus, sculptura grossiore, superficie tota (imprimis ad apicem et ad marginem medium posterioremque: parte humerali declivi excepta) planiore. — Long. 10—11 mm. (sine labro).

♀ ♂, Cachabé low c., XI, 96 (Ecuador: Rosenberg). — Typus ♂ in Museo Tring (Rothschild), specimina altera in eadem collectione et mea.

*Od. cinctula* Bat. et *Od. secedens* Steinh. differunt a nova specie colore clariore magis splendente; labro multo brevior; capite angustiore; thorace convexiore, basi valde lucente; elytris minus applanatis (praesertim ad margines convexioribus), subtilius sculptis etc.

Palpis flavis (labialium articulo ultimo, maxillarium articulis 2 ultimis nigris), antennarum articulis 4 primis viridi-cyanescentibus (primo basi, 3<sup>o</sup> et 4<sup>o</sup> ante apicem rufescentibus); pedibus cyaneis, femoribus maxima ex parte tibiarumque basi flavis, trochanteribus posticis infuscatis; tarsis sulcatis; maculis 3 flavis marginalibus (humerali sat magna, media, anteapicali); penis apice paullulum incrassato.

All specimens were sent to me by Dr. K. Jordan.

*Oxygonia Erichsoni*, sp. n.

♂ supra purpureo-cupreo; elytrorum disco viridi; plagis 2 glabris impunctatis (altera in medio, altera ante apicem) *deficientibus*; penis apice sat crasso, breviter hamato.

*Oxyg. Schaumi* m. ♂ affinis, differt statura longiore graciliore; thorace vix levius sculpto; elytris totis paullo densius punctatis, in medio et ante apicem nusquam glabris, lateraliter non multo rarius quam in disco sculptis, postice longius producto angustatis, spina suturali brevissima vel nulla, maculis 4 albis marginalibus minoribus (praesertim illa pone humeros et media); penis hamulo apicali valde brevior. — *Oxyg. prodigae* Erichs. ♂ iterum similis, sed forma magis angustata; maculis albis multo minoribus, spina suturali valde brevior; colore rubro supra minus claro minusque nitente; peni ante hamulum crassior. — Long. 14 mm. (sine labro).

♂♂, Songo et Yungan (Bolivia).

The following ♀ was caught together with the examples from Songo and I think it is the female of my *Ox. Erichsoni*: differt ab *Ox. floridula* Bat. ♀ statura paullo graciliore; labro maculis 2 indistinctis centralibus brunnescentibus ornato; capite valde thorace paullo angustiore, huius lateribus magis rotundatis superficieque subtilius densiusque striolata; elytris sine plagis glabris, sculptura marginali minus evanescente, spina suturali vix brevior sed multo magis retracta. Colore supra subtusque saturatius viridi, multo minus cupreo-vel orichalco tincto, infra hinc inde paullulum coerulescente, palpis brunnescentibus. — Long. 13 $\frac{1}{2}$  mm. (sine labro).

*Myrmecoptera tarsalis*, sp. n.

Costis elytrorum nullis, prothoracis linea media et marginibus lateralibus villosis.

Statura fere ut in *Myrm. nobilitata* Gerst.; labro vix brevior, albo solummodo nigro-marginato; capite angus-

tiore, grossius sculpto, fronte antica pilosa; thorace vix brevior, paullo irregularius plicato, parte media convexiore, marginibus lateralibus sparsim, linea media (usque ad basim apicemque) densius pilosis; humeris minus distinctis, elytris ad basim valde angustioribus, spina suturali multo longiore (longissima!), sculptura valde subtiliore, regulariter cribriformi, signatura flavo-alba: macula basali discoidali, lunula apicali cum fascia transversa (fere usque ad suturam ducta et valde pone medium sita) connata. Malis, toto sterno, abdominis lateribus pilosis; tibiis brunnescentibus (distaliter aeneis), tarsis brunneo-testaceis, apice nigro-annulato. — Long. 15 mm. (sine spina suturali nec labro).

3 ♂♂, German East Africa. — Specimen typicum in Museo Tring (Mpwapwa!), alterum in collectione von Bennigsen, tertium in mea.

The sculpture of the elytra and the yellowish white spots are quite the same as in *Myrm. Schaumi* m. — Coloration of the surface obscure brassy.

*Cicindela Jordaniana*, sp. n.

*C. flavidentis* Guér. affinis, statura valde majore; labro brevior, ♀ dente mediana valde longiore; fronte multo latiore, oculis magis prominulis; pronoto subtilius sculpto; elytris longioribus, signatura valde differente: macula humerali parva, altera sat magna rotundata in disco antico collocata, tertia magna transversa (ad marginem paululum dilatata) fere in medio disco abbreviata et perparum apicem versus recurvata, quarta sat magna in disco postico sita (interdum cum praecedente connexa), stria marginali apicali, puncto parvo inter angulum lateralem posticum et maculam discoidalem posteriorem collocato. — Long. 13—14 mm.

Mpwapwa; specimen typicum (♀) in Museo Tring, alterum (♀) in collectione von Bennigsen, tertium (♂) in mea.

Labro flavo tridentato (♂ obsoletius dentato quam ♀); capite pronotoque obscure aeneis, illo medio, huius margi-

nibus lateralibus hirsutis; elytris nigrescentibus, margine apicali subtilissime denticulato; pectore toto, coxis posticis lateraliter, abdomine pilosis, hoc cyaneo.

This interesting species is distinguished from all the others in the *C. melancholica*-tribus by the short and broad transverse patch in the middle of the elytra.

*Cicindela Hauseri*, sp. n.

*Cic. vicinae* Dej. affinis; differt fronte juxta oculos paullo, thorace multo subtilius sculptis; hoc angustiore, lateribus fere rectis; elytris vix magis elongatis, lunula humerali latius interrupta, lunula apicali (a stria marginali media separata) dilacerata, ut macula parva discoidalis (inter maculam centralem inferiorem et partem posticam lunulae apicalis) formetur. Colore supra aut aureo-rufo paullulum viridescente aut brunneo-rufo. — Long. 9—10 mm.

Variat. macula media transversa dilacerata, ut punctum discoidale exstet.

2 ♂♂, Ikutha: British East Africa. — The two specimens were kindly given to me by Prof. G. Hauser, to whom I dedicate this species.

Approaches nearest *C. vicina* Dej., but the colour of the surface is very singular. The palpi are yellowish with the last joint green; the first four joints of the antennae greenish with a violet tinge; trochanters, tibiae and knees yellow; femora green; tarsi bluish-brassy.

*Cicindela eoa*, sp. n.

*Cic. stenoderae* Schm. paullulum affinis; magnitudine valde minore; mandibulis brevioribus; labro flavo solummodo in medio perparum infuscato, antice recte truncato, dente una parva armato; fronte inter oculos vix evidentius striolata; thorace brevior latiore planiore, lateribus paullo magis rotundatis, ad margines laterales hirsuto (disco etc. nudo), sulcis laevioribus; spina suturali brevior, elytris

immaculatis; sterni totius disco nudo. Corpore supra cyaneo-violaceo, hinc inde viridescente, opaco (sutura margineque elytrorum paullulum nitentibus: lunula sat lata clariore nitidula humerali indistincta in discum prominente); antenarum articulis 1, 3, 4 viridi-cyanescentibus, 2 cyaneo, 5—11 griseo-obscuris; corpore subtus obscure viridescente hinc inde aeneo-tincto; femoribus viridi-cupreis, tibiis tarsisque cyaneis, trochanteribus palpisque (his eadem fere longitudine atque in *C. stenodera* Schm.) flavis, articulo ultimo (basi excepta) viridi. — Long. 7—7½ mm.

2 ♂♂, Luçon (5—6000': Whitehead). — I have received these specimens from Mr. E. Heyne (ex. coll. Janson!).

This peculiar species is rather unlike any other known.

*Therates Fleutiauxi*, sp. n.

*Ther. Chennelli* Bat. simillimus; statura vix minore; fronte inter oculos non convexo-planata sed in medio impressione transversa curvata sat profunda ornata, punctis 2 alteris parvis inter frontem et verticem collocatis cum illa connatis, capite pone oculos valde minus amplo; thorace angustiore, lateribus minus rotundatis; elytris ad suturam minus sinuato-truncatis, superficie paullo subtilius densiusque punctata, macula lata antica obscure rufo-testacea valde differente: pone humeros minus late marginem attingente [vitta parva metallica discoidali antica deficiente, altera suturali indistincta in tertia parte antica exstante (in illa specie nulla)], ante elytrorum medium (non in medio!) leviter (non profunde!) lateraliter sat longum (non brevem!) spatium excisa, postice mox (non longe!) pone medium abbreviata (parte suturali sat angusta excepta, quae longius apicem versus ducta in tertia parte postica evanescit). Macula apicali ut in illa specie flavescente. — Long. 8 mm. (sine labro).

1 ♂, Malacca meridionalis.

Head and thorax obscure greenish-cyaneous, posterior hips brown, abdomen (towards the base darker) and legs yellow (tarsi partly brownish).

*Oxychila Fleutiauxi*, sp. n.

*Ox. tristi* F. affinis; statura minore; superficie nitidissima; prothorace brevior, parte media convexiore, basim versus multo angustiore, lateribus magis rotundatis; elytris ad humeros paullo latioribus, postice latius breviusque rotundatis, angulo suturali recto, macula flava centrali rotundata; palpis, antennarum articulis 3—11 (3<sup>i</sup> et 4<sup>i</sup> apice anguste nigro-annulato), tibiis tarsisque (summo apice utrinque infuscato), trochanteribus testaceis. — Long. 18 mm. (sine labro).

1 ♂, Caraça (Brazil), from the collection of Mr. Ed. Fleutiaux; taken by the celebrated traveller Mr. Germain (II Sem. 1884).

*Ox. Pineli* Guér. differt ab nova specie superficie opaca, labro antice latiore; capite (praesertim vertice) minore, oculis magis prominulis; thorace angustiore, postice minus constricto; humeris paullo magis distinctis, elytris in medio vix minus amplis, apicem versus longius rotundato-productis, summo apice non transverse-truncato; colore nigro omnium extremitatum etc.

*Megacephala Hauseri*, sp. n.

Species inter *Meg. Baxteri* Bat. et *Meg. excelsam* Bat., differt ab illa fronte paullo minus rugosa, punctis piliferis juxta oculos rarioribus; thorace impressione centrali brevi profunda transversa ornato, lateribus vix magis rotundatis, superficie impunctata; elytris valde brevioribus latioribusque, ad basim lateralem aequaliter tuberculatis, suturam anticam versus sculptura valde magis evanescente, post quartam partem anticam tuberculis totis disparentibus (foveolis punctisque minoribus solummodo restantibus), a medio ad apicem omnino laevigatis nitidis (foveolis quibusdam rarissimis punctisque perparvis vix percipiendis). — Ab *Meg. excelsa* Bat. nostra species est distingenda: forma gigantea, impressionibus frontalibus profundioribus: thorace latiore, fossa

brevi transversa centrali (in ipso medio pronoti!) profunda, lateribus rotundatis (ante basim interdum angulo parvo acuto ornatis); elytris latioribus, ad basim lateralem tuberculis piliferis sat acutis ornatis, postice nitidis, sculptura abruptius evanescente. — Long, 32—33 mm.

2 ♀♀, Ikutha: British East Africa. — Kindly sent to me by Prof. G. Hauser.

Palpi, trochanters, antennae (with the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> joint infusate at the tip) and legs yellow. Knees and the apical half of the posterior femora pitchy. Head and thorax obscure greenish with blackish disk.

Berlin, 18 June 1898.