

## THE CHRYSIDIDÆ OF THE PHILIPPINE ISLANDS<sup>1</sup>

By A. MOCsÁRY

(Budapest, Austria-Hungary)

I received, not long ago, from Professor C. F. Baker of Los Baños, P. I., a small collection of Philippine Chrysididæ, accompanied by a letter in which he asked me to write an article on the Chrysididæ of the Philippine Islands.

1. *Ellampus (Holophris) marginellus* Mocs., Természetrajzi Füzetek. (1890), 13, 51, n. 12.

LUZON, Los Baños, duo specimina (*Baker*) ; etiam in Sumatra et Singapore (*Mus. Hung.*) inventus.

2. *Ellampus (Holophris) bakeri* sp. nov.

Mediocris, sat robustus, subaurato-viridis, nitidissimus, parce pilosus; pronoto margine antico anguste, centro mesonoti et abdominis segmentis dorsalibus: secundo maxima parte et tertio basi violascentibus; verticis margine postico, pronoti maxima parte postica, mesonoto et abdominis segmentis dorsalibus laevibus ac politis; cavitate faciali profunda, laevi; antennis sat crassis, haud longis, fuscis, articulis duobus primis viridibus, tertio brevi, quarto dimidio tantum adhuc longiore; fronte dense subtilius, pronoti lateribus fortius, mesopleuris sparsim crassius, scutello ac postscutello adhuc fortius profundiusque punctato-reticulatis; abdominis segmento dorsali tertio margine apicali rotundato-integro et anguste sordide-albo hyalino; ventre pedibusque aurato-viridibus, tarsis rufis; alis basi hyalinis, apice late subfumatis, venis pallide-fuscis.

♀, long. 4 mm.

*Ellampo marginello* Mocs. maior, magis robustus, ex parte alter coloratus, scutello longitudinaliter non striato, iam satis distinctus.

LUZON, Los Baños, specimen unicum (*Baker*).

3. *Hedychrum stantoni* Ashmead, Can. Ent. (1904), 36, 283, ♂.  
Insulae Philippinae (*Ashmead*).

4. *Hedychrum philippinum* sp. nov.

Submediocre, sat robustum, cyaneo-viride, parce breviterque pilosum; vertice post stemmata nigro, pronoti fascia abbreviata,

<sup>1</sup> Proof read by C. F. Baker.

antice dilatata, ante marginem posticum, mesonoti ad areas distinctas non divisi scutellique medio, postscutello et abdominis segmentis dorsalibus: primo basi centro et secundo macula magna discoidali tertioque vitta centrali violascentibus; cavitate faciali profunda, dense concinne transverse striata; antennis tenuibus, fuscis, cano-puberulis, articulis duobus primis cyaneis, tertio longo, 4-5 simul sumptis aequilongo; genis linearibus, fere nullis; pronoto longo, capite multo longiore, sed eius latitudinis, transverse rectangulo, lateribus ante medium sinuatis; postscutello gibbo-convexo; metanoti dentibus postico-lateralibus longis, acute triangularibus, spiniferis, externe profunde, postice levius sinuatis; fronte verticeque valde dense subtiliter, pronoto cum mesonoto scutelloque parum dispersius crassius profundiusque, postscutello adhuc fortius punctato-reticulatis; mesopleuris punctatura pronoti; abdominis segmentis dorsalibus: primo dense subtiliter, lateribus multo fortius rugosiuscule punctato, basi centro canalicula longitudinali laevi ac polita, secundo carinula mediana nulla, disco parum disperse, haud crasse, sed profunde aequaliter punctato, tertio punctatura densiore subtilioreque rugulosa, ante marginem apicalem arcuatim impresso, lateribus utrinque sine dente distincto, sed tantum angulatis; ventre nigro-aeneo, nitido, sparsim punctulato, segmentis centro macula viridi; femoribus tibiisque subaurato-viridibus, tarsis fuscis; alis basi hyalinis, parte apicali leviter fumatis, venis piceis.

♀, long. 5 mm.

Species: pronoto, metanoti dentibus postico-lateralibus et praesertim de punctatura segmenti dorsalis secundi abdominis facile cognoscitur. Species enim huius generis asiaticae, mihi cognitae, punctatura multo subtiliore gaudent.

LUZON, Los Baños, specimen unicum (*Baker*).

5. *Stilbum cyanurum* Forst. var. *amethystinum* Fabr.

LUZON, Los Baños (*Baker*), 11 specimina. Varietas haec fere totam Africam Asiamque inhabitat. Etiam in America sept., inventum est.

6. *Stilbum cyanurum* Forst. var. *flammiceps* var. nov.

Praecedenti penitus simile, sed capite toto concinne ignito.  
LUZON, Los Baños, specimen unicum (*Baker*).

7. *Chrysis (Holochrysis) philippinensis* Bisch., Mittheil. Kgl. Zoolog. Museum Berlin (1910), 4, 452, ♀.

LUZON (*Bisch.*).

8. *Chrysis (Dichrysis) bidenticulata* sp. nov.

Submediocris, elongata, minus robusta, parallella, cyaneo-viridis, parce breviterque albido-pilosa; macula ad stemmata, occipitis medio, collo, fascia non satis distincta pronoti, mesonoti lobo medio, macula parva scutelli, fascia mediana indeterminata abbreviataque abdominis segmentorum dorsalium primo, macula magna secundi et tertio basi violascentibus; cavitate faciali subangusta, sed profunda, dense subtiliter punctato-coriacea, lateribus argenteo-sericeo pilosa, superne arcuatim acute marginata, margine aream transversam reniformem eximiam, a stemmatibus longe remotam, includente; antennis brevibus, tenuibus, fuscis, cano-puberulis, articulis tribus primis aurato-viridibus, tertio proportionaliter brevi, secundo dimidio tantum longiore; genis brevibus, fere nullis; pronoto sat longo, transverse rectangulo, angulis obtusis, lateribus acute marginatis medioque sinuatis, antice in medio vix impresso, capite breviore, sed fere aequilato; postscutello gibbo-convexo, metanoti dentibus postico-lateralibus sat longis, acute-triangularibus, externe truncatis, postice leviter sinuatis; mesopleuris normalibus, undique acute marginatis; vertice ac pronoto dense minus fortiter, mesonoto cum scutello postscutelloque parum dispersius, sed fortius sat profunde punctato-reticulatis; abdominis segmentis dorsalibus: primo basi triimpresso, dense sat profunde, secundo parum subtilius rugosiuscule punctato, carinula mediana indistincta, angulis postico-lateralibus rectis, tertio dense subtilius irregulariter rugosiuscule punctato, convexo, ante seriem leniter incrassato, foveolis sat profunde immersis mediocribus, haud numerosis, 10 tantum distinctis, orbiculatis, centralibus maioribus, margine apicali valde brevi, dense punctulato et leniter arcuato lateribus a margine parum remotis utrinque denticulo parvo triangulari armatis; ventre pedibusque subaurato-viridibus, illo segmentis secundo basi utrinque et tertio apice nigromaculatis, his tarsis fuscis; alis hyalinis, venis piceis, cellula radiali lanceolata subcompleta, tegulis viridi-cyaneis.

♂, long. 6 mm.

Species: de cavitate faciali, area insigni frontali, genis, pronoto, punctatura abdominis et dentibus analibus facilime cognoscitur.

Luzon, Los Baños, tria specimina conformia (Baker).

9. *Chrysis (Trichrysis) sauteri* Mocs., Annal. Mus. Hung. (1912),  
10, 381, n. 53.

Luzon, Los Baños, specimen unicum (Baker).

Ex insula Formosa descripta.

10. *Chrysis (Trichrysis) singalensis* Mocs., Monogr. Chrysid. (1889), 324, n. 363.

Luzon (*Buysson*), (*Bisch.*). Praeterea in India or. et Java.

11. *Chrysis (Trichrysis) luzonica* Mocs., Monogr. Chrysid. (1889), 328, n. 369.

Luzon (*Mocsáry*); Los Baños (*Baker*).

12. *Chrysis (Trichrysis) aspera* Brullé, Hist. nat. d. Insectes. Suites à Buffon. Hyménoptères (1846), 4, 46, n. 35. Mocsáry, Monogr. Chrysid. (1889), 328, n. 369, ♀.

Luzon, Manila (*Brullé*).

13. *Chrysis (Trichrysis) miri* Brown, Phil. Journ. Sci. (1906), 1, 685, ♂.

Luzon, Manila (*Brown*).

14. *Chrysis (Trichrysis) bakeri* sp. nov.

Submediocris, elongata, parallella, minus robusta, cyaneo-viridis, parce breviterque albo-pilosa; vertice ad ocellos et mesonoti lobo medio nigro-violaceis; mesonoti lobis lateralibus et abdominis segmentis dorsalibus duobus primis in lateribus et secundo etiam margine apicali anguste viridi-subauratis; occipitis medio et segmento secundo maxima parte cyaneis; cavitate faciali subangusta, sed profunda, dense subtilissime transverse striata, lateribus punctato-coriacea et argenteo-sericeo pilosa, superne arcuatim acute marginata, margine ramulum utrinque non satis distinctum et stemma anticum includentem emitte; antennis brevibus, sat tenuibus, fuscis, cano-puberulis, articulis tribus primis viridi-auratis, tertio mediocri, secundo dimidio adhuc longiore; genis brevibus, linearibus; pronoto brevi, transverse rectangulo, angulis acutis, antice in medio profundius impresso, lateribus acute marginatis medioque sinuatis, capite multo breviore, sed vix angustiore; postscutello convexo, metanoti dentibus postico-lateralibus acutis subspiniformibus; mesopleuris normalibus, undique acute marginatis; vertice parum subtilius, thorace toto fere aequaliter dense minus crasse ac profunde punctato-reticulatis; abdominis segmentis dorsalibus: primo dense minus crasse ac profunde punctato et basi longitudinaliter canaliculato, canalicula laevi ac polita, secundo dense rugosiuscule subtilius punctato, carinula mediana indistincta, angulis postico-lateralibus rectis, tertio凸的, punctatura fere secundi, sed parum fortiore, confusa, supra seriem incrassato, foveolis sat profunde immersis, paucis, sex tantum distinctis, duobus centralibus magnis, reliquis multo minoribus, orbiculariatis, per carinulam medianam in spinam sat longam acutam

productam interruptis, margine apicali hoc modo tridenticulato, denticulis lateralibus brevibus acute triangularibus, lateribus ante dentem externum lenissime sinuatis; ventre pedibusque subaurato-viridibus, illo segmento secundo basi utrinque nigromaculato, his tarsis fuscis; alis hyalinis, venis fuscis, cellula radiali lanceolata completa, tegulis subaurato-viridibus.

♂, long. 5.5 mm.

*Chrysidiibus singalensi* Mocs. et *luzonicae* Mocs. similis et affinis; sed a priore minor, magis gracilis, fronte areata, corpore toto subtilius punctato, abdominalis segmentis dorsalibus: secundo carinula mediana indistincta, tertio utrinque transverse non impresso, dentibus analibus graciliорibus; *a luzonica* vero: colore ex parte, corpore graciliore, punctatura abdominalis segmentorum dorsalium multo subtiliore, dentibus analibus longioribus magisve acutis, praesertim distincta.

LUZON, Los Baños, specimen unicum (*Baker*).

15. *Chrysis (Tetrachrysis) fuscipennis* Brullé, Hym. (1846), 4, 38, n. 24, ♀; Mocsáry, Monogr. Chrysid. (1889), 370, n. 424, ♂ ♀.

*Insulae Philippinae* (*Brullé*); LUZON (*Mocsáry*), Los Baños (*Baker*). Fere e tota Asia Australiaque cognita.

16. *Chrysis (Tetrachrysis) diademata* Mocsáry, Monogr. Chrysid. (1889), 414, n. 489, ♂.

*Insulae Philippinae* (*Mocsáry*).

17. *Chrysis (Tetrachrysis) atrata* Bisch., Mittheil. Kgl. Zoolog. Museum Berlin (1910), 475, ♂.

LUZON (*Bisch.*).

18. *Chrysis (Pentachrysis) lusca* Fabr., Syst. Piez. (1804), 171, n. 7; Mocs., Monogr. Chrysid. (1889), 527, n. 618, ♂ ♀.

*Insulae Philippinae* (*Bisch.*). Inde ab India orientali in magna parte Asiae diffusa.

19. *Chrysis (Pentachrysis) palawanensis* Mocs., Term. Füzetek. (1899), 22, 487, ♀.

*Insulae Philippinae* (*Mocsáry*).

20. *Chrysis (Hexachrysis) comottii* Grib. var. *igniceps* Mocs., Term. Füzetek (1892), 15, 233, n. 28, ♀.

*Insulae Philippinae* (*Mocsáry*); LUZON, Manila (*Bisch.*).

21. *Chrysis (Hexachrysis) laevicollis* Buyss., Ann. Soc. Ent. France (1897), 560. (An *C. lynceae* F. var. ?)

LUZON (*Buysson*).