VIII.

Diagnosen neuer Arten.

Vom Herausgeber.

A. Coprophagen.

Phanaeus Amithaon: Viridicupreus, clypeo integro, fronte cornu arcuato longissimo ante basin angulatim leviter incrassato, thorace declivi, scabroso, postice utrinque dente compresso, antice medio margini fere apposito tuberculo parvulo. Simillimus *Ph. diviso*, dentibus thoracis basalibus compressis, tuberculis duobus discoidalibus antepositis deficientibus sicut et tuberculo anteriore margini apposito distinguendus. ♂. — Long. 23 mill. Mexico: Guanajuato (Sallé!).

Onthophagus Beccarii: Cupreo-vel viridi-aeneus, interdum viricyaneus, subnitidus; clypeo antice truncato, in ♂ producto et reflexo, auriculis rotundatis, vertice in ♂ lamina reclinata, apice angustata et fissa; thorace antice medio excavato, in ♀ margine elevato medio obsolete subtuberculato, antice granulose, postice remotius impressopunctato, elytris luteo-aeneis, indeterminate plus minusve fusco-irroratis. Simillimus *O. prasino*, at genis rotundatis et thorace postice non granulato dignoscendus. — Long. 9—10 mill. Bogos (Beccari!) Abyssinia bor. (Hildebrandt!).

O. prasinus ‡ Harold. Col. Heft. VIII. p. 16.

Onthophagus Mouhoti: Obscure viridi-metallicus, subnitidus, clypeo rotundato integro, vertice cornubus duobus arcuatis, reclinatis longissimis, thorace laevi, antice profundissime transversim foveolato, dorso supra foveam in laminam elongatam compressam producto; elytris obsoletissime striatis et punctulatis; antennis testaceis, articulis basalibus primis piceo-rufis. ♂. — Long. 17 mill. Laos (Mouhot!).

Onthophagus proletarius: Nigro-cupreus nitidus, thorace sat dense aequaliter punctato, lateribus interdum rufescente, elytris basi apiceque obscure ferrugineis, pedibus piceis, femoribus posticis antennisque obscure rufis. Mas: clypeo antice angulatim producto, fronte tricornuta, cornu medio parvulo, lateralibus leviter inflexis, intus dentatis. — Long. 6—7 mill. Hongkong.

Aphodius arabicus: Leviter convexus, nitidulus, obscure ferrugineus, thoracis lateribus elytrisque ferrugineis, his ad suturam a basi usque ad medium sat late rufo-piceis, striatis, striis non punctatis, interstitiis subconvexis; capite antice subangustato, thorace basi marginato, postice longitudinaliter subsulcato; scutello angustato; sutura elevata; corpore subtus cum pedibus rufo-testaceo, mesosterno non carinato. — Long. 4 mill. Aegyptus, Arabia.

Ataenius australis: Angustatus, parallelus, fusconiger, clypei rotundato-emarginati limbo pedibusque rufopiceis, capite densissime punctulato, thorace subrugose, antice subtilius punctato, postice longitudinaliter subsulcato, elytris sulcatis, sulcis catenulato-punctatis, interstitiis carinatis. — Long. $4^1/_2$ mill. Australia mer.

B. Phytophagen.

Arsipoda chalcea: Cupreo-aenea, nitida, antennis pedibusque ferrugineis; fronte punctata, thorace densius punctulato, basi marginato, elytris fortiter punctato-striatis, stria juxtascutellari ante medium abbreviata, corpore subtus obscure aeneo; carina verticis sat lata, tubercula autem fere nulla. — Long. 5 mill. Caffraria.

Diphaulaca specularis: Nitida, rufotestacea, elytris purpureo-violaceis; capite thoraceque laevibus, hoc transverso, angulis anticis obtuse rotundatis, sulco basali minus profundo utrinque angulatim in marginem baseos deflexo; elytris laevibus, pone scutellum distincte transverse impressis; pectore, abdomine femoribusque posticis piceis, pedibus 4 anticis rufo-testaceis, tibiis tarsisque posticis piceo-rufis, antennis nigris, articulis 3 basalibus rufo-testaceis. — Long. 4 mill. Florida.

Lactica xanthochroa: Nitida, oblongo-ovata, ochracea, antennis, articulis duobus basalibus exceptis, femorum apice, tibiis tarsisque

fuscis; fronte inter antennas non acute carinata, convexa, parte convexa antice dilatata; thorace laevi, angulis anticis oblique truncatis, elytris sat dense, at subtilissime et apicem versus adhuc obsoletius punctulatis. Affinis *L. tibiali* Oliv., at major, elytris punctatis sicut et antennarum articulis duobus basalibus testaceis optime distinguenda. — Long. 4 mill. Florida.

Lactica bogotana: Simillima praecedenti, multo major, pallide flavo-testacea, antennis articulo basali excepto, palpis, tibiis tarsisque femorumque apice extremo nigris; capite, thorace elytrisque laevibus, his ad marginem pone humeros leviter subsulcatis. Antennarum articulo secundo quam tertio multo minore. — Long. 7 mill. Bogotá

Lactina murina: Elongato-ovalis, chalybea, capite thoraceque nitidis et laevibus, elytris obscure aeneo-viridibus, densissime subrugulose punctulatis et pube grisescente obtectis; corpore subtus pubescente, pedibus obscure viridi-aeneis, antennis dimidio corporis longioribus, obscure aeneis, pubescentibus, articulis 3 baseos magis nitidis, subnudis; thoracis angulis anticis acutis. — Long. 9 mill. Ecuador.

Ocdionychis cubana: Elongato-ovalis, subconvexa, flava, capite postice, elytris basi anguste, fascia anteapicali, corpore subtus, tibiis, tarsis femorumque apice sicut et antennis, articulis tribus basalibus exceptis, piceis vel rufopiceis; vertice pone tubercula frontalia transversim evidenter impresso. — Long. 5 $^1/_2$ mill. Cuba.

Cerotoma hilaris: Rufo-ferruginea, elytris distincte striato-punctatis, nigris, margine laterali et apicali, fascia transversa media maculaque oblonga subbasali flavis, corpore subtus nigro, pedibus antennisque testaceis. Mas differt antennarum articulis 3 et 4 difformibus. Simillima *C. laetae* Fabr., at discedens ore infuscato, elytris evidenter punctatostriatis antennarumque articulo tertio in ♀ quam 4 multo longiore. — Long. 5 mill. Nov. Granada.

Diabrotica chloropus: Elongata, subangustata, nigra, subnitida, thorace quadrato, bifoveolato, elytris ad latera longitudinaliter plicatis, vitta punctoque anteapicali ferrugineis, pedibus prasinis, tibiis tarsisque fuscis, antennis piceis, articulo basali apice olivaceo, 9—11 pallide rufis, 11 apice ultimo nigro. — Long. 7—8 mill. Minas Geraës, St. Catharina.

Diabrotica mexicana: Leviter convexa, postice subdilatata, ferruginea, elytris dense punctatis, flavis, scutello et utriusque maculis parvis septem, 2, 3 et 2 nigris, corpore subtus obscure piceo-rufo, pedibus rufo-testaceis, tibiarum apice, tarsis antennisque piceo-rufis; thorace bifoveolato, interdum nigro-bisignato. — Long. 7 mill. Mexico.

Diabrotica 12notata (Klug): Viridis, post mortem flava, capite nigro, thorace bifoveolato, scutello nigro, elytris dense punctulatis, maculis utriusque 6 nigris, una basali juxta scutellum, elongata, una humerali, duabus in medio, alterisque duabus longe ante apicem, exteriore magis apicem versus posita; corpore subtus piceo, femorum basi abdominisque lateribus rufotestaceis, pedibus antennisque piceis, his articulis 1—3 testaceis et ex parte infuscatis. — Affinis 10-*punctatae* Latr., quae autem thorace non foveolato sicut et pedibus omnino nigris differt. — Long. 7 mill. Mexico.

Diabrotica zonata: Affinis *D. ornatae* et *ambitiosae*, postice subdilata, modice convexa, nitida, capite, corpore subtus, tibiis tarsisque sicut et antennarum articulis 6—7 basalibus nigris, reliquis albis, thorace transversim impresso flavo, elytris dense, apice obsoletius punctatis, viridi-aeneis, limbo marginali et apicali, fasciaque nonnihil pone medium flavo-testaceis. Mas differt foveola anteapicali elytrorum elevato-marginata. — Long. 7—9 mill. Nov. Granada, Muzo.

Diabrotica biannularis (Klug): Capite nigro, thorace flavo, laevi, obsoletissime trifoveolato, elytris flavis, evidenter punctulatis, annulo utrinque integro basali et altero, plerumque postice lacerato, rarius cluso, atroviolaceis; corpore subtus, pectore excepto, pedibus antennisque flavis, his articulis mediis ultimoque infuscatis. — Long. 7 mill. Mexico.

Diabrotica circulata: Capite nigro-aeneo, thorace rufotestaceo, distincte bifoveolato; elytris flavis, obsoletius punctatis, annulo utrinque basali alteroque apicali, hoc postice semper aperto, nigrocoeruleis; corpore subtus, pectore piceo excepto, pedibus antennisque testaceis, his articulis 7—8 leviter subinfuscatis. A praecedente thorace bifoveolato, annulis magis oblongis sicut et punctis elytrorum minus discretis diversa. — Long. 7—7 $^1/_2$ mill. Guatemala.

Diabrotica adelpha: Capite nigro, thorace laevi, rufo-testaceo, non foveolato, elytris distincte punctulatis, flavis, annulo utrinque basali et parte superiore tantum alterius ante apicem nigris, annulis basalibus postice fascia transversa connexa, marginem lateralem non attingente; antennis rufotestaceis, articulis 6—8, et 11 leviter, infuscatis. A *D. circulata* colore nigro liturarum, thorace integro sicut et articulo 3 antennarum breviore distincta. Variat annulis anticis postice apertis. — Long. 7 mill. Guatemala.

Diabrotica togata: Ferruginea, thorace bifoveolato, elytris obsolete punctulatis, obscure violaceis, margine ferrugineo, explanato, corpore subtus flavo, lateribus pectoris pedibusque fuscis, antennis ferrugineis. — Long. 6 1/2 mill. Pozuzu (Abendroth!).

Diabrotica corusca (Dupont): Picea, thorace sanguineo, elytris viridi-coeruleis, vitta juxta suturam margineque, apice cum vitta coeunte, flavis; pectore abdomineque nigris, pedibus nigris, femoribus autem usque apicem versus flavis. Simillima *D. innubae* Fabr. et vix differens nonnisi colore punctisque elytrorum subtilioribus. — Long. 8 mill. Columbia.

Diabrotica chrysopleura: Elongato-ovata, postice ampliata, nigro-subaenea, thorace longitudinaliter utrinque fortiter impresso, subsericante, basi remote subtilissime punctulato, elytris obscure purpureis, apice aeneonigris, rugulosis, corpore subtus cum pedibus atro, viridi-testaceo-pubescente, episternis lateribusque metasterni laete aurato-pubescentibus; antennis flavis, articulo basali fusco-prasino, 9—11 rufescentibus. — Long. 7—8 mill. Nov. Granada.

Diabrotica minula: Nitida, postice ampliata, rufa, elytris nigris, fascia subbasali lateraliter interrupta, media angusta integra, limbo marginali, pedibus antennisque testaceis, his apicem versus subinfuscatis; thorace medio fortiter subolique biimpresso, elytris evidenter, subseriatim punctulatis et obtuse subcostulatis, lituris flavis nonnihil convexis. Mas differt antennarum articulo primo subincurvo, apice intus breviter dentato, secundo subgloboso. Simillima *Cerotoma laetae*, at unguiculis fissis omnino diversa. — Long. 6—7 mill. Nov. Granada.

Diabrotica tarsalis: Nigra, thorace laevissimo bifoveolato testaceo, disco piceo, elytris nigris, minus nitidis, irregulariter punctato-striatis,

limbo, sutura pone basin, fasciis duabus transversis angustis, una ante, altera pone medium, cum sutura confluentibus vel sejunctis, maculaque obliqua anteapicali flavis, lituris his leviter subconvexis; corpore subtus cum pedibus nigro, griseopubescente, antennis piceis, basi piceo-rufis. Mas differt metatarso pedum quatuor anticorum valde dilatato. — Long. 6 1/2 mill. Bogotá.

Diabrotica porracea (Dej.): Elongato-oblonga, prasina, elytris vitta rufo-testacea, thorace laevi biimpresso, elytris rugosis, apice subtilius punctatis, interstitiis subcarinatis, pectore, tibiis, tarsis antennisque rufis, his articulo basali prasino, 2 et 3 brevibus, abdomine prasino-testaceo. — Long. 7 mill. Mexico.

Diabrotica Chevrolati (Dej.): Nigro-cyanea, thorace testaceo medio nigrovittato, non impresso, scutello nigro, elytris maculis utrinsque 7 testaceis, 1, 2, 2 et 2, minuta rotunda juxta scutellum, majore praecedenti approximata ante medium, alteris duabus nonnihil pone medium, una marginali subhumerali duabusque anteapicalibus postice connexis; pectore piceo, abdomine ferrugineo, pedibus fusco-rufis, femoribus testaceis apicem versus fuscis, antennis rufo-testaceis, articulis 3 apicalibus pallidioribus. — Long. 7 mill. Mexico.

Diabrotica marginata (Sturm): Fusco-prasina, elytris rugulatis fusco-olivaceis, margine rufo, corpore subtus aureo-setoso, femoribus rufis basi testaceis, tibiis tarsisque piceo-rufis, antennis ferrugineis, thorace laevi, basi obsolete triimpresso. — Long. 9 mill. Brasilia.

Exora narensis: Elongato-subovata, nitida, rufobrunnea, abdomine rufotestaceo, thorace subtiliter obsolete punctulato, transverso, postice angustato, lateribus valde rotundatis, scutello laevi, elytris vage sat dense, apice obsoletius punctulatis, tibiis posticis subarcuatis. Affinis *M. obsoletae*, thorace breviore mox distincta. — Long. 9—11 mill. Nov. Granada, Naré.

Exora insularis: Statura *E. olivaceae*, rufo-testacea, nitida, elongato-oblonga, thorace transverso, lateribus rotundato, obsoletissime punctulato, elytris, sutura, fascia subbasali, altera pone medium ultimaque anteapicali fuscis; corpore subtus lurido-testaceo, tibiis tarsisque rufo-piceis, antennis piceis, articulo basali rufo-testaceo. — Long. 7 mill. Cuba.

Luperodes Kirschi: Nitidus, niger, thorace laevi, bifoveolato, testaceo, maculis tribus nigris, media majore, transversim positis, elytris dense vage punctulatis, testaceis, basi anguste, sutura postice attenuata sicut et epipleuris fusco-nigris. — Long. 4½ mill. Bogotá.

Luperodes cisteloides: Elongato-ovalis, capite nigro, fronte macula magna rufotestacea, thorace testaceo, elytris rufotestaceis, maculis minutis rotundis, remote et irregulariter adspersis, corpore subtus cum pedibus antennisque nigris, his articulis 3 primis et basi quarti rufotestaceis. — Long. 7 mill. Tigré (Roth!).

Physoma Dohrni: Oblonga, nitida, lurido-testacea, thorace inaequali rugose punctato, scutello laevi, apice rotundato, elytris vage, apicem versus obsoletius punctatis, obscure viridi-aeneis, apice indeterminate luridis, femoribus posticis compresso-dilatatis, antennarum articulo basali dilatato-depresso, apice extus subangulato — Long. 9—10 mill. Old Calabar.

Ph. rugicollis Clark i. litt.

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