

4. **THAMNOPHILUS MELANONOTUS.** (Pl. LXXX.)

Niger; interscapularibus albo mixtis; dorso postico cinereo; ab domine cinerascenti-albo; alis nigris albo marginatis; cauda nigra, rectricibus omnibus apice et extima utrinque laterali etiam pogonio externo medio albo maculatis; rostro et pedibus nigris.

Long. tota 6·5, alæ 3·0, caudæ 2·5.

Hab. in Nova Grenada, Santa Martha. Mus. P.L.S.

Obs. Affinis *Thamnophilo atricapillo*, sed dorso nigro.

5. **THAMNOPHILUS NIGROCINEREUS.** (Pl. LXXXI.)

♂ *Cinereus, capite toto cum dorso summo et gutture nigris; interscapularibus basi albis; alis caudaque nigricantibus, albo limbatis; rectrice una utrinque extima media albo notata; rostro et pedibus nigris.*

♀ *Rufo-brunnea; gula et ventre medio albescientioribus; alarum tectricibus secondariisque et cauda sicut in mari albo notatis.*

Long. tota 5·75, alæ 3·8, caudæ 2·4.

Hab. in Brasilia boreali, Para. Mus. Brit. et P.L.S.

Obs. Similis *Th. nævio* sed multo major; rostro fortiore et gutture nigro.

6. **THAMNOPHILUS CÆSIUS.** (Pl. LXXXII.)

Lanius cæsius, Cuv. in Mus. Paris.

♂ *Nigro-plumbeus; pileo cristato gulaque nigris; tectricibus alaribus anguste albo limbatis; cauda nigricante unicolo; rostro pedibusque nigris.*

♀ *Grisescenti-brunnea, crista nigricante; capitis lateribus, tectricum alarum marginibus et corpore subtus rufis; rostro nigro, mandibula inferiore basi et pedibus pallidis.*

Long. tota 5·5, alæ 3·25, caudæ 2·25.

Hab. in Guiana Britannica. Mus. Parisiensi et P.L.S.

February 13, 1855.

John Gould, Esq., F.R.S., in the Chair.

The following paper was read :—

DESCRIPTIONS OF SOME NEW SPECIES OF CLERIDÆ,

COLLECTED AT SINGAPORE BY MR. WALLACE.

BY J. O. WESTWOOD, F.L.S. ETC.

(*Annulosa*, Pl. XXXVIII.)

Having lately submitted to the notice of the Zoological Society a memoir containing descriptions of fifty new species of *Cleridæ*, na-

tives of Asia, Africa and Australia, selected from the cabinets of our most zealous collectors of exotic Coleoptera, I could have had but little hope of being able in a few months' time to record the existence of a number of additional species of the same family, from one of the same quarters of the globe. Nevertheless, the indefatigable exertions of Mr. Wallace, who has recently started on a natural-history excursion to Singapore and the islands of the Eastern Archipelago, have enabled me to give a supplement, containing not fewer than twelve new species, to my former memoir, all of which were collected by that gentleman within a few days after his arrival at Singapore; proving how rich must be the harvest which he is likely to reap, should his health be spared, in that and the adjoining countries. The species of *Cleridæ* which he has sent home furnish us with a clue to several important points connected with the geographical distribution of the family in question, belonging as they do exclusively to two genera, *Omadius* and *Stigmatium*, which are thus proved to have their metropolis in that quarter of the world. It is true that the species now about to be described do not possess the splendour of many of the Brazilian, or even European species of the family, their specific distinctions consisting of variations in the markings of the elytra, which it is almost impossible to describe in words, and which can only be satisfactorily represented by careful figures. Some variation in form also occurs in several of the species, and I have also observed variations in the structure of the antennæ in most of the species beyond what might be regarded as sexual. One of the species of *Omadius* is especially distinguished in this respect, from having several of the central joints of the antennæ furnished with long curved setæ, such as I have not elsewhere observed.

Mr. Wallace has not at present supplied any notices of the habits of the species received by his agent in this, his first consignment; but as all the specimens are specifically numbered, I have no doubt that he possesses notes concerning them with which I hope to be favoured before this article goes to press.

From the specimen now given an idea may be obtained of the richness of the collection which Mr. Wallace has already formed. I may allude, however, to the families *Carabidæ* and *Anthribidæ*, which contain many new and remarkable forms, especially among the smaller species. We may therefore trust, that when he reaches Borneo and the adjacent islands, we shall receive from thence many very interesting novelties.

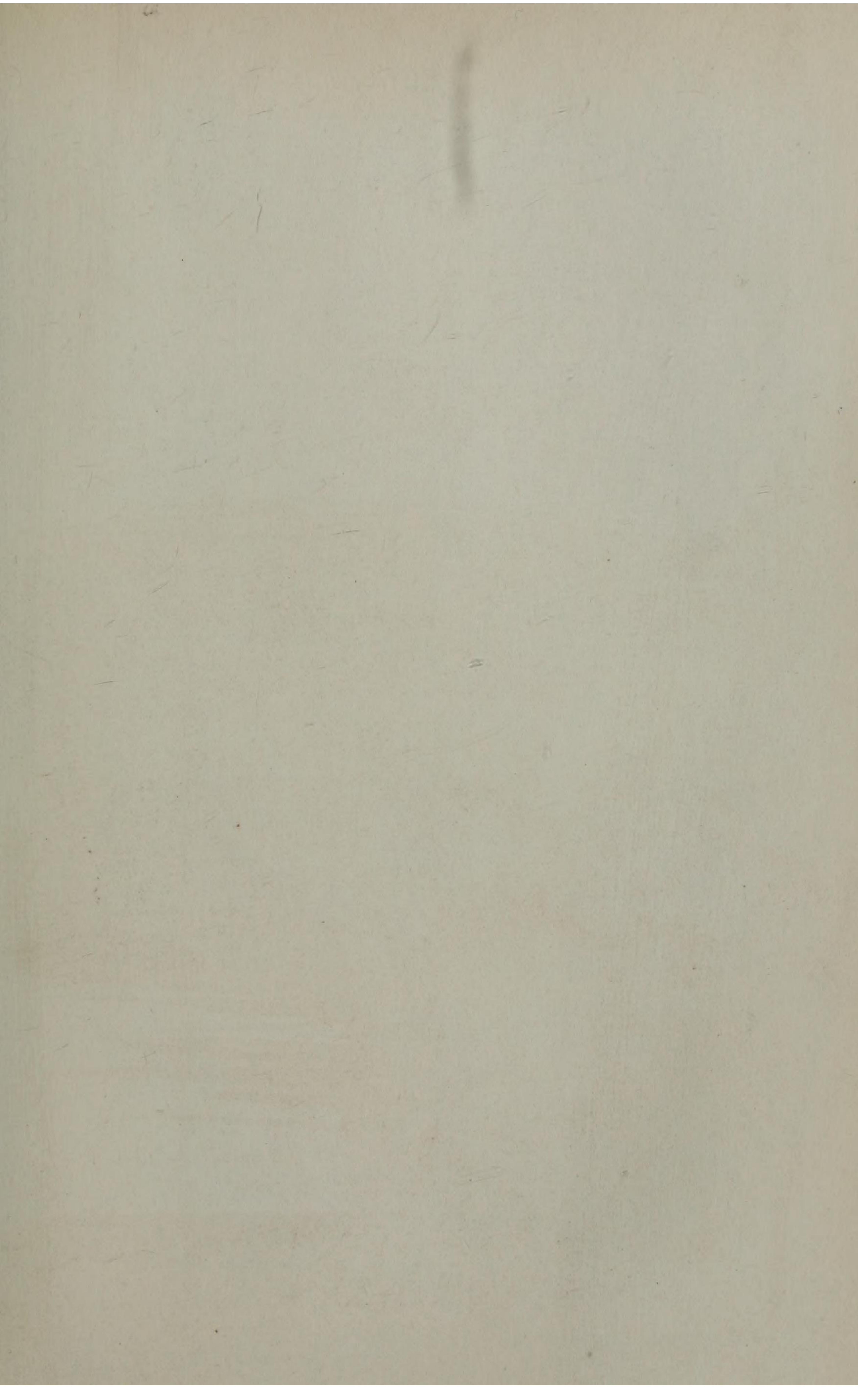
Genus STIGMATIUM, G. R. Gray.

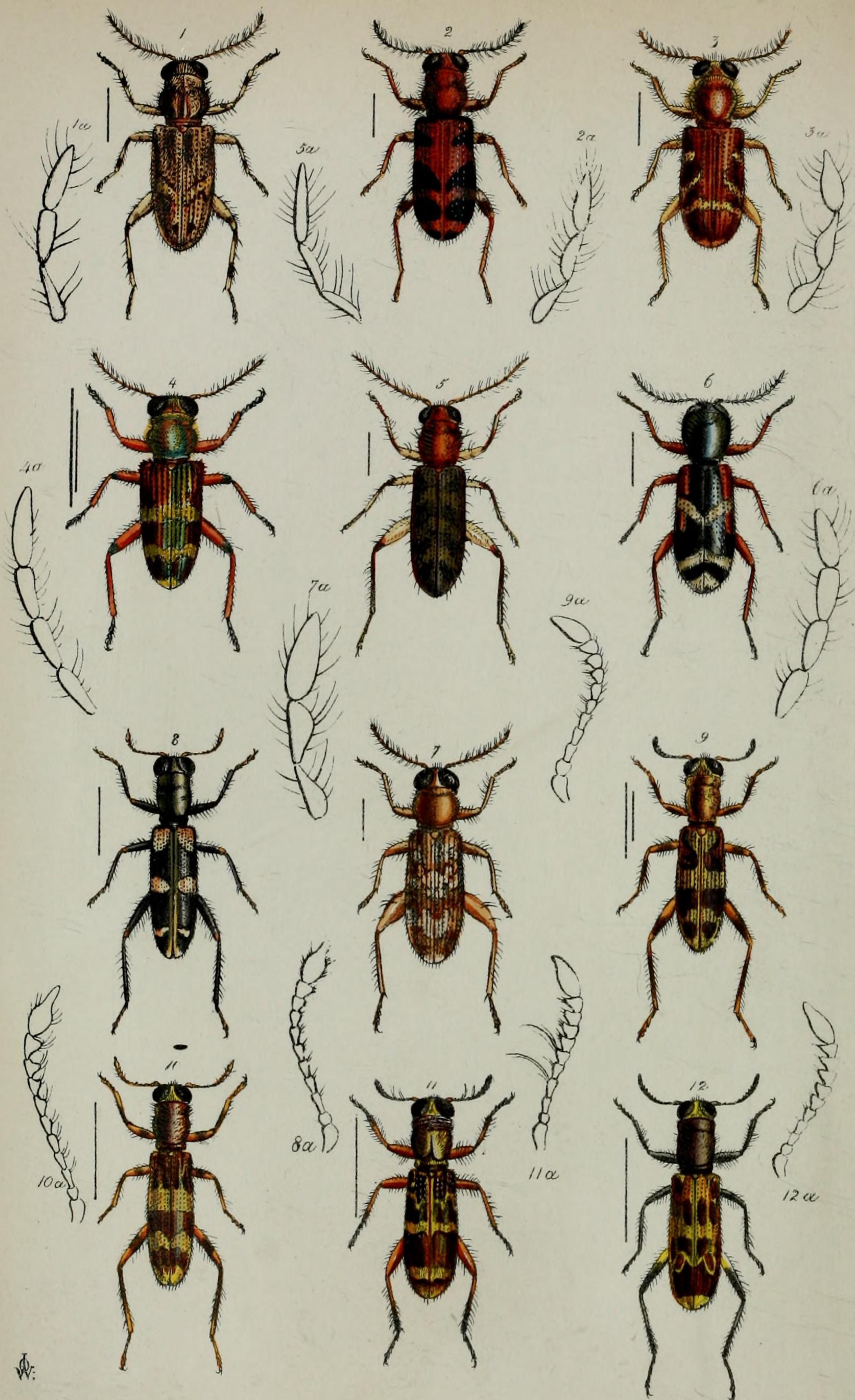
1. STIGMATIUM IGNAVUM. (Pl. XXXVIII. fig. 1).

Piceo-ferrugineum, punctatum, undique luteo-griseo sericeum, setisque longioribus sparsis vestitum, antennis gracillimis, elytris punctato-striatis, litera V lutescenti, paullo pone medium disci notatis, pedibus flavidis, femoribus ante apicem tibiisque pone medium obscure fasciatis.

Long. corp. lin. 3½.

Hab. apud Singapore.





1. *Stigmatium ignavum*.
2. *torulenta*.
3. *fervidum*.
4. *granulosum*.
5. *ambulator*.
6. *cylindrinum*.

7. *Stigmatium cursor*.
8. *Ornadius Ctenostomoides*.
9. *fasciipes*.
10. *vigilans*.
11. *seticornis*.
12. *Glytiformis*.

Caput cum oculis latitudine pronoti, nitidum, tenuissime punctatum, sericeum, mandibulis magnis, uncinatis, piceis, nitidis, intus dente forti medio armatis. Palpi pallide lutescentes, maxillares versus apicem magis brunnei. Antennæ gracillimæ longe setosæ, fuscæ, basi lutescentes, articulis 4–9 elongatis, e basi ad apicem sensim attenuatis, duobus ultimis latioribus, 10 apice subtruncato. Prothorax lateribus rotundatis, pone medium latior, disco in medio subcarinato, carina magis castanea, tenuissime punctatus, sericeus et setosus, ante apicem constrictus. Elytra ad basin prothorace multo latiora, e medio ad apicem sensim attenuata, singulo ad basin convexo, punctato-striata, luteo-sericea parum nebulosa, paullo pone medium fascia angulata lutescenti (literam V referente) maculaque angulata sub-apicali obscura notata. Corpus infra piceum setosum, abdomine rufo, segmentis abdominis flavido marginatis. Pedes cum coxis 4 anticis luteo-albidi, femoribus posticis crassioribus, omnibus ante apicem obscurius fasciatis tibiisque basi et pone medium obscurioribus; tarsi brunnei; oviductus fœminæ exsertus gracilis, abdomine longior.

2. STIGMATIUM TORULENTUM. (Pl. XXXVIII. fig. 2).

Ferrugineum nitidum sericeum, antennis gracilibus nigris, elytris punctato-striatis, macula obliqua subhumerali, fascia obliqua submedia (ad suturam interrupta), maculis duabus magnis pone medium apicibusque nigris, coxis femoribusque albidis, his apice piceis, tibiis tarsisque castaneis.

Long. corp. lin. 3.

Hab. apud Singapore.

Caput latitudine prothoracis, obscure ferrugineum nitidum, sericeum; mandibulæ nigræ acutæ; palpi lutescentes, maxillares apice castanei; antennæ graciles nigræ articulis duobus basalibus pallidis, articulis elongatis compressis 4–9 versus basin latioribus, ad apicem sensim attenuatis, duobus ultimis latioribus elongato-ovalibus. Prothorax convexus lateribus rotundatis, paullo pone medium latior, antice et prope basin constrictus. Elytra elongata, e basi ad medium lateribus fere parallelis, hinc ad apicem rotundato-attenuatis, ferruginea nitida aureo-sericea striato-punctata, singulo macula marginali subhumerali, altera magna triangulari submedia in fasciam angulatam, ad suturam interruptam intus extensa, tertia magna inter medium et apicem, apiceque ipso nigris.

Corpus infra rufo-piceum, subsericeum, abdomen aurantiacum. Coxæ quatuor anticæ cum omnibus femoribus albidis, horum apicibus piceis; tibiæ et tarsi castanei.

3. STIGMATIUM FERVIDUM. (Pl. XXXVIII. fig. 3).

Piceo-castaneum, luteo-sericeum, albidoque setosum, antennis gracilibus pallidis, apicibus paullo obscurioribus; elytris striato-punctatis obscurioribus, guttis nonnullis sericantibus inter basin et medium, fascia subrecta transversa pone medium apicibusque sericeis, pedibus luteo-testaceis femoribus basi pallidioribus.

Long. corp. lin. 3–3½.

Hab. apud Singapore.

Caput latitudine prothoracis, tenuissime punctatum, facie et orbitu oculorum dense albido setosis; mandibulæ castaneæ apice nigræ; palpi lutescentes, antennæ graciles pallide fulvescentes, articulis apicalibus paullo obscurioribus, articulis 4–10 basi ovalibus, ad apicem valde attenuatis, 11mo ovali apice subacuto. Prothorax convexus sericeus tenuissime punctatus nitidus, lateribus pallidioribus et dense albido-setosis. Elytra elongata, subparallelia, postice rotundata, striato-punctata, sericea, piceo-castanea, lateribus ante medium paullo obscurioribus, inter basin et medium guttis variis irregularibus fasciaque subundata pone medium apiceque sericantibus. Corpus infra castaneum punctatissimum; abdomen aurantio-rufum. Pedes pallide castaneo-fulvi, coxis 4 anticus et femoribus omnibus pallide flavescentibus.

4. STIGMATIUM GRANULOSUM. (Pl. XXXVIII. fig. 4).

Piceum aureo-sericeum; capite pronoto et parte postica elytrorum æneis nitidis, elytris dimidio basali punctato-striatis, spatiis inter puncta granulosis, punctis striarum in parte postica fere oblitteratis; maculis, fascia undata pone medium apiceque aureo-sericeis; pedibus rufis, femoribus posticis apice tarsisque nigris.

Long. corp. lin. $5\frac{1}{3}$ – $7\frac{2}{3}$.

Hab. apud Singapore.

Caput prothoracis latitudine, oculis magnis, æneum nitidum, vertice et hypostomate longe aureo setosis. Antennæ nigræ, articulis duobus basalibus rufis, 3–10 compressis oblongis, e basi fere ad apicem sensim latioribus, apicali elongato-ovato apice subacuto. Mandibulæ nigræ; palpi obscure lutei, maxillares articulo ultimo piceo. Prothorax æneus nitidus tenuissime punctatus aureo-villosus, lateribus rotundatis, medio latior, antice et postice constrictus. Elytra lata, singulo ad basin parum convexo; sutura depressa, dimidio basali rugosa, scil. profunde punctato-striata; spatiis inter puncta granulosis; dimidio apicali multo læviori, macula subquadrata subscutellari, guttis nonnullis ante medium (suturali majore communi); fascia irregulari quasi e guttis tribus angulatis conjunctis formata apiceque aureo villosis. Metasternum rufum. Pedes cum coxis omnibus rufi, apice femorum posticorum tibiisque fuscis. Abdomen cyaneum, segmenti basalis parte antica media attenuata rufa.

Obs. Individua majora segmentum penultimum abdominis habent emarginatum et articulos antennarum paullo latiores.

Var. Minor et obscurior absque tinctura ænea, antennisque paullo latioribus.

5. STIGMATIUM CYLINDRINUM. (Pl. XXXVIII. fig. 6).

Nigrum nitidum prothorace truncato-ovali luteo viloso, elytrorum humeris fulvis, fascia tenui angulata ante medium, altera transversa pone medium apiceque albis; abdomine nigro, segmento basali coxisque omnibus luteis.

Long. corp. lin. $3\frac{1}{2}$.

Hab. apud Singapore.

Gracile, subcylindricum, nitidum, sublæve; capite et prothorace griseo-sericeis. Caput cum mandibulis parvis nigris, tenuissime punctatum; antennæ nigræ articulo basali piceo, 3–10 compressis subovalibus, basi parum attenuatis, 11mo ovali apice attenuato; palpi pallide lutei; prothorax truncato-ovalis; antice latior, valde convexus; versus apicem transverse subcanaliculatus; canali transversa etiam basi proxima griseo-setosus. Elytra elongata subcylindrica nigra nitida, dimidio basali punctato-striata, apicali lævi, humeris vittaue longitudinali fulvis, fascia tenui obliqua ante medium, altera transversa pone medium apiceque albo-sericeis. Thorax infra castaneus; abdominis segmentum basale cum coxis omnibus luteum; segmenta reliqua nigra nitida; oviductus fœminæ abdomine longior lutescens. Pedes castanei femoribus basi pallidis, 4 posticis apice obscurioribus; tarsis nigris.

6. STIGMATIUM AMBULATOR. (Pl. XXXVIII. fig. 5).

Capite et prothorace castaneis nitidis, aureo-sericeis longe setosis, antennis gracillimis, articulis tenuibus; elytris fuscis subæneo-villosis nebulosis; pedibus elongatis gracilibus, femoribus posticis elongato-clavatis.

Long. corp. lin. 3.

Hab. apud Singapore.

Caput castaneum, hypostomate piceo, aureo-villosum, setisque longis vestitum; mandibulæ nigræ; antennæ fuscæ articulis basalibus pallidis, tenuissimæ, articulis fere filiformibus et compressis, ultimo elongato attenuato; oculi magni. Palpi albidi. Prothorax castaneus aureo-sericeus setisque longis vestitus, lateribus rotundatis, in medio latior antice et postice vix transversim impressus. Elytra elongata, fusca sericie tenui subænea subnebulosa setisque longis vestita, dimidio basali lateribus parallelis, apicali sensim attenuatis; punctato-striata; striis ante apicem oblitteratis. Corpus infra castaneum. Pedes præsertim postici elongati graciles, setis longis instructi, femoribus cum coxis 4 anticis albidis apicibus piceis; posticis elongato-clavatis; tibiis 4 anticis castaneo-piceis apice lutescentibus; tibiis 2 posticis cum tarsis omnibus castaneis.

7. STIGMATIUM CURSOR. (Pl. XXXVIII. fig. 7).

Fusco-luteum; elytris albido nebulosis; oculis maximis, pedibus longe setosis, femoribus duobus posticis valde incrassatis; antennis gracilibus, articulo 10 elongato-triangulari, ultimo elongato ovato.

Long. corp. fere lin. 3.

Hab. apud Singapore.

S. ambulatori brevior femoribusque posticis multo crassioribus. Caput fuscum antice nigrum, luteo setosum, oculis maximis, antice spatio valde angusto inter se separatis, labro fulvo. Palpi lutei; antennæ fuscæ articulo basali fulvo; longe setosæ, articulis 3–9 versus basin latioribus apice acuminatis, 10mo elongato-trigono, 11mo elongato-ovato. Prothorax piceo-brunneus punctatissimus, capite

vix latior, luteo setosus, versus apicem et basin transversim impressus, lateribus rotundatis, ante medium paullo latior. Elytra oblonga subparallelia, profunde punctato-striata, fusco-lutea, nitida, sericie albida nebulosis, nebulis fasciam valde irregulararem maculosam ante medium alteraque latiori pone medium formantibus apicibusque albidis. Pedes brunnei, albido-sericei, setisque longis nigris instructi, femoribus duobus posticis compressis dilatatis margine postico in medio nigro. Corpus cum abdomine nigrum.

Genus OMADIUS, Laporte.

8. OMADIUS CTENSTOMOIDES. (Pl. XXXVIII. fig. 8).

Niger subcylindricus nitidus, prothorace subæneo, elytris guttis 6 brunneo-albidis suturaque luteo-sericeis, antennis gracilibus, articulis 9 et 10 sensim latioribus, 11 brunneo apice luteo, utrinque e medio ad apicem attenuato.

Long. corp. lin. 4-4½.

Hab. apud Singapore.

Caput piceum luteo-setosum ; oculis magnis ; prothorace latius, clypeus transversus niger, labrum fulvum bilobatum. Maxillæ labium et palpi pallide lutei, horum articulo ultimo piceo. Antennæ piceæ, articulo basali brunneo, 9no præcedenti vix latiori, 10mo triangulari latiori, 11mo lato ovato brunneo, e medio ad apicem utrinque attenuato, dimidio apicali lutescenti-setoso. Prothorax subæneus nitidus, lævis, elongatus, subcylindricus, capite angustior, versus apicem et basin transversim, utrinque etiam in medio oblique, impressus. Elytra elongata, subcylindrica, capite paullo latiora, e basi ad medium punctato-striata ; subnitida, nigro setosa, nigra, humeris piceis, singulo humero late, macula subrotunda media, alteraque undulata subapicali brunneo-albidis sericeis, suturaque luteo-sericea. Pedes nigri, nigro setosi, trochanteribus 4 anticus fulvis, tarsis castaneis. Corpus infra nigrum, abdomine fulvo.

9. OMADIUS FASCIIPES. (Pl. XXXVIII. fig. 9).

Piceus aureo-sericeus, fascia denudata castanea ante medium, altera latiori irregulari pone medium, tertiaque subapicali, omnibus sutura anguste sericea divisus ; pedibus fulvis, femoribus tibiisque in medio late nigris.

Long. corp. lin. 3½-5.

Hab. apud Singapore.

O. Kameliano, White (Cat. Cler. Brit. Mus.) magnitudine et statuta æqualis, antennis autem nigris fasciisque elytrorum distinctus. Caput piceum aureo-setosum, facie infra oculos lutea, clypei apice piceo ; labro luteo ; mandibulæ nigræ, palpi pallidi, articulo ultimo apice obscuriore ; antennæ piceæ, articulis duobus basalibus luteis, 7, 8, 9 et 10 sensim latioribus subtrigonis ; ultimo magno compresso ovali. Prothorax oblongus, e capite ad basin elytrorum sensim angustatus, piceus, sub lente punctatissimus, antice transversim striatus, aureo-sericans, versus caput et basin (hic curvatim) transverse

impressus; elytra capite latiora deppressa, in medio latiora, castaneo-picea, striato-punctata; striis fere ad apicem extensis, at pone medium minus distinctis; aureo-sericea, fascia irregulari paullo ante medium, altera latiori paullo pone medium, (lobum semirotundum postice in singulo elytro emittente,) maculisque duabus subquadratis subapicalibus denudatis; pedes fulvi, femoribus tibiisque in medio late nigris, nigredine autem in femoribus 4 anticis infra interrupta. Corpus infra piceum, abdomine fulvo.

O. modestus, Klüg. Mon. Cler. pl. 1. f. 2, proximus; differre videntur, autem forma fasciarum elytrorum.

10. OMADIUS VIGILANS. (Pl. XXXVIII. fig. 10).

Nigro-piceus nitidus, aureo sericeus, elytris castaneis sericeis, fascia ante medium (e maculis oblongis formata) altera latiori pone medium tertiaque subapicali denudatis, pedibus fulvis nigro variegatis.

Long. corp. lin. $6\frac{1}{4}$.

Hab. apud Singapore.

O. bifasciato, Lap. proximus.

Caput piceum aureo-sericeum, oculi magni nigri, prothorace evidenter latiores, labrum pallidum; palpi lutei apice articuli ultimi obscuriori; mandibulæ nigræ, antennæ piceæ articulo basali et dimidio 2di fulvis; 7-10 trigonis sensim latioribus, magis laxis, 11mo basi lato, e medio ad apicem utrinque attenuato; prothorax subcylindricus, versus marginem anticum et basin transversim impressus, impressione postica curvata; elytra castanea, aureo-sericea, humeris, fascia ante medium e maculis oblongis quasi formata, altera latiori paullo pone medium, antice fere recta, postice vero in medio singuli elytri emarginata, 3tia lata curvata in medio sutura sericea divisa, denudatis et colore obscurioribus; striato-punctata, punctis in dimidio basali elytrorum majoribus. Pedes fulvi femoribus in medio fascia nigra notatis, in 4 anticis subtus interruptis, tibiis omnibus e basi ultra medium nigris tarsorumque articulis basalibus piceis, coxis et trochanteribus 4 anticis fulvis, 2 posticis piceis. Corpus infra piceum, metasterno rufo bimaculato; abdomen rufo-fulvum.

11. OMADIUS SETICORNIS. (Pl. XXXVIII. fig. 11).

Piceus aureo-sericeus prothorace oculis latiori, antennis in medio longe setigeris; elytris basi, fascia angusta media, altera sub-apicali apiceque flavidis, ad basin granulato-striatis; pedibus rufo-castaneis, tarsis nigris.

Long. corp. lin. $6\frac{1}{2}$.

Hab. apud Singapore.

Præcedentibus crassior: caput piceum aureo-sericeum, clypeo labroque pallidis; mandibulæ nigræ; palpi lutei, apice articuli ultimi obscuriore; antennæ nigræ, articulo basali fulvo, 4 et 6 setas longas curvatas emittentibus, 6-10 sensim majoribus obconicis, ultimo ovali compresso, apice extremo subattenuato; prothorax oblongus, antice

capite paullo latior, postice sensim attenuatus, versus marginem anticum et basin transverse impressus, parte antica transverse striolata; medio disci linea tenuissima lævi elevata; elytra elongata, subdepressa in medio latiora: punctato-striata, punctis minutis; intersticiis inter puncta ad basin elytrorum in tubercula parva (in lineas 4 singuli elytri) elevatis; picea, basi anguste pallidiori, fascia tenui valde irregulari inter basin et medium, altera undulata media, tertia latiori subapicali apiceque ipso aureo-sericeis; pedes castanei, tarsis omnibus, apiceque tibiarum 2 posticarum nigris; corpus infra piceum, metasterno late castaneo, abdomine basi luteo.

12. OMADIUS CLYTIFORMIS. (Pl. XXXVIII. fig. 12).

Elongatus subcylindricus obscure piceus aureo subsericeus; capite postice, apice elytrorum, femoribus basi et infra flavis; elytris sericie aurea reticulatis.

Long. corp. lin. 7.

Hab. apud Singapore.

Praecedentibus longior et subcylindricus. Caput cum oculis prothorace latitudine fere æquale, oculi magni fere contigui; occipite pilis flavis dense obsito, facie griseo-setosa; palpi pallide lutescentes, apice fusci. Mandibulæ nigræ; antennæ nigræ; articulis 3–10 sensim majoribus triangularibus, 11mo magno compresso e basi ad apicem sensim angustato parum curvato, apice rotundo; prothorax subcylindricus, parallelus, antice et postice linea transversa impressus, supra sub lente tenuissime transversim striolatus, subsericeus, sericie aurea densiore versus angulos anticos: elytra elongata, subcylindrica, picea, opaca, puncto parvo pallido basali intra humeros apiceque pallido fulvo-sericeo, disco, præsertim pone medium, lineis tenuibus sericeis reticulata. Corpus infra nigrum, griseo-setosum; pedes 4 antici coxis albidis, trochanteribus piceis, femoribus infra pallide flavis, supra cum tibiis et tarsis piceo-nigris; pedes 2 postici cum coxis et trochanteribus nigro-picei, femoribus basi pallide flavis.

February 27, 1855.

Dr. Gray, F.R.S., Vice-President, in the Chair.

The Chairman communicated the following extract from a letter he had received from Francis Brent, Esq. of Folkestone:—“The fishermen bring into Sandgate, Kent, hundreds of immense Conger Eels, which they pick up at sea, off Dungeness. Most of them are dead, but some only nearly so. The frost appears to have destroyed them. Some of them are very large indeed. On Thursday last (the 22nd of February 1855), several tons were brought in by the boats, and sent off to the London markets.” By the papers it