

Kröyer gives Norway, with doubt, as the habitat of his specimens of this species.

EXPLANATION OF THE PLATES.

PLATE III.

- Fig. 1.* *Arcturus baffini*, var. *Feildeni*; natural size.
Fig. 2. *Anonyx gulosus*?, slightly enlarged: *a*, head and antennæ (lateral view); *b*, maxilliped; *c, d*, hands of first and second pairs of legs; *e*, end of postabdomen, showing the form of the third segment; *f*, terminal segment and last pair of uropoda; all much enlarged.
Fig. 3. *Onesimus Edwardsii*, slightly enlarged: *a*, head and antennæ (lateral view); *b*, maxilliped; *c, d*, hands of first and second pairs of legs; *e*, end of postabdomen, showing form of third segment (lateral view); *f*, terminal segment and last two pairs of uropoda; all much enlarged.

PLATE IV.

- Fig. 1.* *Branchipus (Branchinecta) arcticus*, greatly enlarged: *a*, one of the large prehensile antennæ; *b*, one of the branchial feet; *c*, caudal appendages; all still further enlarged.
Fig. 2. *Lernæopoda arcturi*, greatly enlarged: *a*, outer antennæ; *b*, first maxilliped; further enlarged.
Fig. 3. *Nymphon hirtum*, var. *obtusidigitum*, natural size: *a*, mandible; *b, c*, one of the appendages of the first and second pairs; enlarged.

XV.—*Descriptions of new Species of Heteropterous Hemiptera collected in the Hawaiian Islands by the Rev. T. Blackburn.*
 —No 1. By F. BUCHANAN WHITE, M.D., F.L.S.

Cydnidæ.

Geotomus subtristis, n. sp.

G. subovatus, piceo-niger, subnitidus, pronoti margine postico, scutelli apice, pedibus antennisque piceis, harum articulorum apicibus et toto articulo ultimo, necnon tarsis piceo-luteis; membrana sordide albida, apicem abdominis paullo superante. Marginibus capituli et lateralibus thoracis paucis pilis sat longis ciliatis. Capite obtusiuscule rotundato, margine antico subreflexo, lobis lateralibus parce punctulatis, lobo centrali ad apicem haud angustato; antennarum articulo secundo quam tertius paullo brevior, tertio, quarto, quintoque subæquilongis, duobus ultimis fusiformibus. Pronoto antice et ad latera irregulariter rudeque punctato; discolævi, fovea parva in medium, et pone medium fovea majore rude punctata utrinque instructo; lobo postico 5 vel 6 rugis transversis plus minus punctulatis instructo; angulis posterioribus lævibus

nonnihil elevatis. Scutello leviter transverse rugoso, dense punctato, apice lato, lævi et subimpresso. Hemelytris dense et distincte punctatis, punctis clavi et suturarum cubitalis radialisque in ordines longitudinales dispositis; corii disco minus rude punctato, margine apicali subsinuato.

Long. $3\frac{1}{2}$, lat. 2 m. m.

Geotomus jucundus, n. sp.

G. subovatus, castaneus, subnitidus, pronoti, scutelli et corii discis, pedibusque nonnihil, antennis tarsisque multo, dilutioribus; membrana apicem abdominis paullo superante flavido-ochracea fusco-nebulosa. Marginibus capitis, lateralibus thoracis et costalibus corii ad basin pilis nonnullis sat longis ciliatis. Capite obtusiuscule rotundato, haud vel vix punctulato, margine antico subreflexo, lobo centrali ad apicem haud angustato; antennarum articulo secundo quam tertius paullo brevior, tertio, quarto quintoque subæquilongis, duobus ultimis fusiformibus. Pronoto obscure et remote punctulato, pone medium utrinque levissime foveolato; angulis posterioribus nonnihil elevatis. Scutello subdense punctato, præsertim ad latera, apice lato lævi et subimpresso. Hemelytris dense et distincte punctatis, punctis clavi et suturarum cubitalis radialisque in ordines longitudinales dispositis, margine apicali subsinuato.

Long. 3, lat. $1\frac{3}{4}$ m. m.

Anthocoridæ.

Triphleps persequens, n. sp.

T. niger, nitidus, pilis brevissimis pallidis vestitus, antennis hemelytris pedibusque flavido-testaceis; antennarum articulis primo ultimoque, rostro (articulo ultimo ad basin excepto) cuneo, femoribus ad basin tarsisque ad apicem plus minus pallide piceo-brunneis; oculis rufo-brunneis; membrana subfusca. Antennarum articulo secundo vix incrassato; capite (collo excepto), pronoto scutelloque rugulosis; pronoti lobo postico hemelytrorumque parte coriacea leviter punctatis.

♂ long. 2 m. m.

T. obscuro affinis, sed minor, antennæ graciliores, &c.

Cardiastethus mundulus, n. sp.

C. pallide rufo-brunneus, pilis longis ochraceis subdense vestitus, capitis vertice, antennarum articulo primo, pronoti disco, corii disco, cuneo femoribusque plus minus, corpore subtus oculisque valde, saturatoribus; membrana brunneo-fusca; corio ad basin embolioque flavidis. Antennis subgracilibus, articulis 2 ultimis filiformibus; pronoti lobi antici callo canaliculis 3 longitudinalibus instructo, calli margine postico bisinuato; lobo pronoti postico

clavoque punctatis; femoribus anticis incrassatis, tibiis anticis curvatis.

♂ long. $2\frac{3}{4}$ m. m.

Nabidæ.

Nabis innotatus, n. sp.

N. elongatus, sordide pallido-testaceus, fere immaculatus; antennis, pronoti lobo antico linea geminata cicatriculisque, sterno ventrequē vitta longitudinali utrinque pallide fusco-brunneis; oculis, ocellisque rufo-brunneis; pronoti lobo postico vittis 3 scutelloque unica longitudinalibus indistinctissime griseo-brunneis; rostri apice imo unguiculisque piceis; abdominis dorso macula utrinque sanguinea. Capitequam pronotum paullo breviorē; antennis $\frac{4}{5}$ corporis æquilongis, articulo primo capiti ante ocellos subæquilongo; pronoti margine postico longitudini subæquilongo, quam margo anticus duplo longiore, lateribus lobi antici leviter, lobi postici valde retrorsum dilatatis, hoc elevato et ante marginem posticum subreflexum anguste depresso; femoribus anticis capite pronotoque simul sumptis brevioribus; membrana alisque apicem abdominis superantibus.

♂ long. 6, lat. $1\frac{1}{2}$ m. m.

N. viridulo affinis.

Nabis subrufus, n. sp.

N. elongatus, rufo-brunneo-testaceus, antennarum articulis 2 ultimis, capitis vertice et lobo centrali, tuberculis antenniferis, oculis ocellisque, pronoti collo loboque postico, hemelytrisque saturatoribus; antennarum articulo secundo annulo ad apicem, capitis vertice et marginibus lateralibus vittaque utrinque pone oculos, pronoti collo linea longitudinali, lobo postico scutelloque vitta centrali, lobo antico cicatriculis, sterno vittis 2 utrinque lateralibus, femoribus omnibus maculis parvis, hemelytris ad venas, macula corii ad apicem, membranaque fuscis, hujus venis saturatoribus; hemelytris venis, femoribus ad apicem annulo lato, tiliarum annulis nonnullis, necnon unguiculis rufis vel rufo-brunneis; connexivo sordide sanguineo, immaculato. Antennarum articulo primo quam caput fere $\frac{1}{4}$ longiore; femoribus anticis capite pronoto scutelloque simul sumptis longioribus; pronoto margine postico longitudine paullo longiore, quam margo anticus fere duplo longiore; lateribus lobi antici subparallelis, lobi postici valde divergentibus; hemelytris alisque apicem abdominis superantibus.

♂ long. 8, lat. 2 m. m.

Nabis (?) *lusciosus*, n. sp.

N. oblongo-ovatus, brunneo-testaceus, capite postice, pronoto scutelloque linea longitudinali (in lobo pronoti antico geminata retrorsum divergente), antennarum articulo secundo annulo ad

apicem, capite subtus, corpore vitta lata laterali utrinque et vitta angusta centrali subtus, segmentis genitalibus vitta supra et macula postice, femoribus maculis nonnullis, tibiis interne (anticis 3, posticis 4) maculis nigris; capitis clypeo nitido, et macula vertice subrufis; antennarum articulo tertio basi apiceque exceptis, quartoque, tibiis anticis intermediisque subincrassatis ad apicem late, tibiisque posticis ad apicem fusco-brunneis; antennarum articulo primo ad apicem, secundoque, necnon tarsis omnibus subbrunneis; abdomine dorso ad medium fusco-nigricante; connexivo lato, testaceo, interne sanguineo, angulis anticis exterioribus nigricantibus; hemelytris apicem abdominis superantibus, venis brunneo-cingulatis; corii costa exteriori pone medium macula, et margine apicali maculis 3 longis nigro-brunneis; membrana testaceo-brunnea, venis late fusco-brunneis; femoribus anticis prope apicem fusco-subannulatis. Antennarum articulo primo capiti subæquilongus; capite quam pronotum paullo brevius; femoribus anticis capiti pronotoque simul sumptis fere æquilongis; pronoto in medio levissime constricto, lobo antico convexo, lobo postico subplano, margine postico quam margo anticus duplo longiore, longitudini subæquali. Alis ocellisque deficientibus, nisi 2 calli plani subnitidi in capitis vertice positi hos repræsentant.

♂ long. 9, lat. (pone medium abdominis) $2\frac{1}{2}$ m. m.

Emesidæ.

Luteva insolida, n. sp.

L. brunneo-fusca, capite, pronoto vittis 2 obscuris longitudinalibus, femoribus anticis ad apicem, femoribus tibiisque intermediis et posticis ad majorem partem plus minus saturatioribus; hemelytris subfuscis fusco-reticulatis, venis brunneo-fuscis; pedum intermediarum femoribus ad apicem tibiisque ad basin anguste pallidis, geniculis fusco-brunneis; pedum posticorum femoribus ad apicem tibiisque ad basin late niveis; oculis nigro-brunneis. Pronoto lobo postico canaliculato quam lobus anticus fere $\frac{1}{3}$ longiore; femoribus anticis spinulis brevibus subtus armatis, dimidio basali spinis 4 vel 5 longioribus præterea instructis.

♂ long. 7, expans. hemelytrorum 10 m. m.

Hebridæ.

MERRAGATA, nov. gen.

Genus *Hebro* maxime affine. Antennæ breves, capite paullo longiores, 5-articulatæ; articulus primus curvatus, apicem capitis attingens, secundus clavatus primo æquilongus, tertius minutus, quartus clavatus secundo æquilongus sed gracilior, quintus longissimus crassissimusque, fusiformis.

Merragata hebroides, n. sp.

M. nigra, opaca, pilis brevibus numerosis suberectis pallidis vestita; capite (vitta transversali ante oculos excepta), pronoti disco macula rotundata utrinque, et margine postico ad medium, corii venis cubitali radialique rufo-ferrugineis; antennis pedibusque brunneoluteis, illarum articulo ultimo, horum tarsis ad apicem fusco-brunneis; clavo fere toto, corioque inter venas duas albis; clavi margine apicali male definito membranaque fuscis, hac maculis 4 albidis ornata.

Long. 2 m. m.

Corixidæ.

Corixa Blackburni, n. sp.

C. angusta, nitida, haud evidenter rastrata, ochroleuca nigro-notata, pilis adpressis cum setulis brevissimis erectis intermixtis vestita; pronoto lineis 11 transversalibus, hemelytris lineolis anguloso-undulatis, clavo ad basin apicemque lineis parallelis subintegris, nigris; corii limbo exteriore interrupte ochroleuco; membranæ sutura vix discreta, margine angustissime ochroleuco; corii area marginali pallida, ad basin nigricante, ad basin apicemque externe nigro-marginata, apice imo lineolis transversis nigris notato; capite brunneo, vertice angulato; sterno ad medium ventrequae subfuscis; abdominis dorso infuscato basi apiceque brunneo-nigris, connexivo pallido; tarsis intermediis ad apicem et posticis articulo ultimo fusco-brunneis.

♂ palis oblique obovatis breviter acuminatis, tibiis anticis superne triangulariter dilatatis; fovea frontali obovata oculos vix superante.

♂ long. 4 m. m.

C. pygmææ Fieb. affinis.

XVI.—*Descriptions of new Species of New-Zealand Myriopoda.* By F. W. HUTTON, Professor of Natural Science in the University of Otago.

Henicops impressus, sp. nov.

Head broadly ovate, narrowed towards the front, with an elevated margin behind, and an impressed curved transverse line, convex backward, on the top before the eyes; space between the antennæ concave. Dental lamina with eight acute teeth. Antennæ tomentose, with 34–36 joints. Segments 15 (without the head), alternately large and small; but the small segment between the 7th and 8th and between



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