Among some specimens recently received from Oregon Territory, was a piece of a meteorite containing crystals of olivine, yielding 9 per cent. of nickel. It was identical in appearance, and probably in composition, with the Pallas meteorite of Siberia; he thought it not improbable that pieces may have fallen in the same meteoric shower in both countries, as has happened in other instances, though less widely separated.

Dr. Jackson read a letter from Emilien de Wael, of Antwerp, asking that deficiencies in his copy of the Society's Journal might be supplied, and also soliciting recent and especially freshwater species from this country: it was referred to the Committee on Publications and to the Curator of Conchology.

Dr. Kneeland exhibited a growing specimen of *Testudinaria elephantipes*, an endogenous plant of the family *Dioscoreaceæ*, and a native of South Africa.

Mr. Samuels presented a series of thirty microscopic slides, to be used for purposes of exchange with the London Microscopical Society. They were referred to Dr. Durkee, Mr. Stodder, and the Committee on Publication.

October 19, 1859.

The President in the Chair.

Dr. Gould presented descriptions of shells, collected by the North Pacific Exploring Expedition, as follows: —

PATELLA GRATA. T. ovato-conica, elevata, apice acuto admodum antico, extus rudis, cinerea, costis elevatis compressis juxta marginem tubulosis radiata; margine expanso denticulato;

intus ochracea fusco variegata, spatulâ et submargine intensè castaneis. Long. 30 millim.; lat. 24 millim.; alt. 14 millim. From the north shores of Niphon. Mr. Brooke.

Patella pallida. T. obliquè pyramidata, cinerea, rudis, apice parum antico, costis inequalibus rotundatis variè dispositis ad 20 instructa; apertura rotundato-ovata, margine indentato, submargine cinereo, cavositate porcellano, spatulâ haud coloratâ. Long. 40, lat. 33, alt. 30 millim. Inhabits Hakodadi Bay, on stones and gravel, 10 fathoms. W. S.

Acmæa dorsuosa. T. ovoidea, rudis, costis inequalibus angustis humilibus tuberculatis ad 20 instructa; apice antico, acuto decurvato; intus virescens, spatulâ (centro plerumque excepto) castaneâ, margine ferè integro ad costas castaneo. Long. 20, lat. 15, alt. 10 millim.

Habitat, Hakodadi on rocks of 2d and 3d laminarian zone. W. S. Closely allied to *A. patina*, or that variety of it named *monticula* by Nuttall. The apex is more central, ribs more tubercular and less angular.

Scutellina unguiformis. T. parvula, alba, lucida, rotundato-elliptica, depressè fornicata, apice minuto deflecto, paginâ externâ striis concentricis et radiantibus minutissimis decussatâ versus apicem gemmulatâ. Long. 6, lat. 5, alt. 1 millim. Hab. Kagosima. W. S.

Scutellina scobinata. T. parva, cinnamomea, rotundato-ovata, admodum elevata fornicata, apice terminali, deflecto; extus undulis concentricis et striis confertissimis radiantibus ornata et granulis elongatis obliquis inordinatis scobinata; intus subnacrea. Long. 8, lat. 7, alt. 4 millim. Hab. Ousima. W. S.

Emarginula pileata. T. minuta, straminea, oblique ovato-conica, costis granulosis numerosis radiantibus ornata; apice anticali, obtuso; apertura ovato-rotundata; margine crenulato; fissura profunda retrorsum in canalem externum clathratum protracta. Long. 5, lat. et alt. 4 millim. Hab. Loo Choo. W. S.

Emarginula (Clypidina) altilis. T. parva, obliquè conica, elevata, sulcis confertis radiantibus et liris tenuibus concentricis insculpta; apice obtuso, recurvo; apertura ovalis; margine cre-

nulato; fissura profunda retrorsum in canalem externum reducta. Long. 5, lat. 4, alt. 4 millim. Hab. Kagosima Bay, 10 fathoms, gravelly. W. S.

More simply and finely striate than any other species.

E. (Clypidina) RADIATA. T. cinerea, elliptica, costis radiantibus imbricatulis ad 17 et costulis intermedianis ad 3 ornata, propè apicem acutum deflectum submedianum clathrata; intus viridi radiata, margine denticulato; fissura curta in canalem internum versus apicem producta. Long. 12, lat. 8, alt. 7 millim. Inhabits Sydney Harbor. W. S.

E. (Clypidina) TEXTILIS. T. parvula, tenuis, fusco et cinereo variegata, ovato-rotundata, costulis concinnè imbricatis (tertio vel quarto plerumque majore) radiata; apice subcentrali acuto; intus viridi vel zonata vel radiata, margine crenulato; fissura satis profunda posticè in canalem internum ad apicem producta. Long. 9, lat. 7, alt. 4 millim. Hab. Ousima, on surf-washed rocks. W. S.

RIMULA ECHINATA. T. parva, ovalis, costata, costis inequalibus echinatis, interstitiis simplicibus (?), apice acuto revoluto; foramine oblongo anticè rotundato, posticè in canalem clathratam reducto; margine indentato. Long. 9, lat. 7, alt. 4 millim. Hab.: Gaspé Straits.

An imperfect description from the figure of a shell unfortunately lost or missing. It seems different from the three recent species already described, but possibly may be *R. propinqua* A. Ad.

CHITON (Lophyrus) LUGUBRIS. T. parva, solida, punctata, elongato-ovata, vix carinata, smaragdina; areâ centrali liris longitud. pectinatâ ad apicem lævi; areis lateral. elevatis, liris ramosis nodulosis instructis; valvis terminalibus magnis propè marginem radiatis, umbone subcentrali; ligamentum latum, squamis magnis transversis convexis obtectum. Long. 25, lat. 15 millim. Hab.

C. (Leptochiton) COMPTUS. T. parvula, tenuis, elliptica, aut viridis aut incarnata sæpè albido vel flavo variè fasciata punctata vel maculata; valvis brevibus, terminalibus radiatim costatis etiam punctatis, areâ centrali quincuncialiter punctatâ; areis late-

ralibus elevatis et sulcis radiantibus 4–5 insculptis; intus viridans; ligamentum angustum squamis parvis elongatis sulcatis imbricatum. Long. 15, lat. 10 millim. Hab. Ousima, Bonin and Loo Choo Is. W. S.

In form like *squamulosus* and *rugulatus*, but sculptured differently; possibly *C. caliginosus* Rv.

C. (Leptochiton) JACOBÆUS. T. parvula, cinerea, elongata, elliptica vix carinata; valvis terminalibus permagnis, fornicatis, costis scabris radiantibus ad 10 ornatis; areâ centrali cancellatâ; areis lateral. conspicuis, bicostatis; ligamentum angustum, squamis minutis elongatis obtectum. Long. 12, lat. 5 millim. Hab. Simoda. W. S.

The vaulting and ribs of the two large terminal valves make them resemble two small Pectens.

C. (Leptochiton) CONCINNUS. T. minuta, rubida, elliptica, fornicata, omninò punctata, punctis seriatim dispositis, seriebus radiatim flectantibus; areis lateralibus haud elevatis, longitud. undulatis; valva antica crescentica; v. postica acutè umbonata concentricè undulata; ligamentum angustum, lutescens, pruinosum. Long. 8, lat. 5 millim. Hab. Hakodadi. W. S.

In size and form like *C. albus*, but sufficiently distinct by its evident lines of punctures.

C. (Leptochiton) CRATICULATUS. T. tenuis, fusco-cinerea, lata, elliptica, admodum carinata; areâ centrali longitud. clathratâ, clathris elevatis, acutis; areis lateral. angustis, elevatis, liris eminentibus asperis divaricantibus 4–8 instructis; valvâ anticâ crescenticâ radiatim liratâ; v. posticâ vix umbonatâ radiatâ; ligamentum latum, squamis minutis elongatis striatis vestitum, fusco-fasciatum. Long. 30, lat. 20 millim. Hab. China Seas, probably Simoda.

The number of ridges on the lateral areas and terminal valves varies much.

C. (Lepidopleura) LEPIDUS. T. parva, elliptica, tectiformis, flavo-virens olivaceo strigata; valva antica semicircularis, radiatim striata; v. postica crescentica, umbonata, radiata, anticè longitud. sulcata; areis lateral. elevatis, sulcis radiantibus ad 6 insculptis; areâ centrali imbricatim sulcatâ; ligamentum angustum

olivaceo fasciatum, squamis minutissimis vestitum. Long. 13, lat. 9 millim. Hab. China Sea, lat. 24° N. W. S.

This deeply sculptured little species resembles generally *C. Siculus.*

C. (Chætopleura) PLUMOSUS. T. fusco-cinerea, ovata, valvis concavis vix umbonatis; valvâ anticâ liris radiantibus plumosis ornatâ; v. posticâ parvâ, umbone marginali et costâ submarginali utrinque notatâ; areâ centrali magnâ striis divaricantibus et striis lateralibus plumosè coadunatis ornatâ; areis lateral. parvis, costâ marginali finitis, striis denticulatis, interspatiis clathratis. Ligamentum latum coriaceum, tubulis (setigeris?) instructum. Long. 1.5, lat. .75 poll. Hab.

Allied to *C. cœlatus* Rv., which is said to be highly ornamented with green and pink. *C. Collei* and *C. muscosus* G. belong to the same group.

C. (Acanthochætes) ACHATES. T. angusta, elliptica, deluta, fuliginosa, strigâ flavâ utrinque ornata, valvis scutiformibus rostratis et carinatis, apicibus ebeninis glabris, alibi squamatim granulata; valvâ anticâ semiovali; v. posticâ parvâ, trigonâ, umbone subterminali; intus glauca. Ligamentum latum spinis curtis inequalibus et fasciculis spicularum munitum. Long. 30, lat. 20 millim. Hab. Kikaia and Hakodadi Bay. W. S.

C. (Molpalia) STIMPSONI. T. tenuis, rotundato-ovata, depressa, fastigiata, fusca, rufo, rosaceo viridi et flavo marmorata vel lineata, concentricè striata; valvis angustis planatis; areis lineâ elevatâ finitis; valvâ anticâ parvulâ, crescenticâ; v. posticâ minimâ, emarginatâ. Ligamentum coriaceum anticè valdè dilatatum, pilis fimbriatum. Long. 1.5 poll., lat. 1 poll. Hab. Hakodadi Bay. W. S.

Related to *C. Blainvillei*, but smaller, has no perceptible radiating lines on the anterior valve, and is not so vividly colored.

DENTALIUM ACICULUM. T. modica, tenuis, levis, nitida, lactea, admodum arcuata, propè apicem longitudinaliter sulcata, alibi undulis annulatis interdum obliquis ornata. Apertura circularis. Long. 30, diam. 3 millim. Hab. Coast of China, 23° 50′ N. in sand 25 fathoms. W. S.

Gould, Augustus A. 1859. "Description of shells, collected by the North Pacific Exploring Expedition." *Proceedings of the Boston Society of Natural History* 7, 161–165. https://doi.org/10.5962/bhl.part.4821.

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