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THE  
DUBLIN UNIVERSITY MUSEUM.

DECEMBER, 1848.

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SINCE the Report of the Museum in 1847, its arrangements have advanced steadily, save during a short period, when the occupation of the College by Her Majesty's troops somewhat retarded them. Considerable additions have been made in all departments, both by purchase and donations. The extent of the latter has been very great, as will appear from the annexed list; but more ample justice can be done to the respective donors when systematic catalogues are prepared. Of these there is now nearly ready for the press a most carefully made catalogue of Irish Entomology, which, while it points out the riches and wants of the valuable cabinets of the University, shows to the student the present extent of knowledge on the subject. This has been prepared by the individual best calculated, from his entomological knowledge, for its performance, and who is at the same time a gentleman distinguished for high classical attainments in this University. This rare combination of talent and acquirement will make the work one of abiding value.

Continued attention has been paid to the increase of the collection of Irish animals; the result is a larger assemblage of species than had ever before been brought together. For this collection it is contemplated to provide a gallery in connexion with the Museum. This proposed addition will prove useful in relieving the crowded state of the present rooms. It is intended that one side of it (forty-seven feet long) shall be devoted to casts of fishes accurately coloured after nature. A display, at one view, of the various species of the fishes of the country, will doubtless prove highly instructive to students, and very pleasing to ordinary visitors. Much remains to be done in the general ornithological collection, for which the removal of the Irish birds will make way. The number of species of foreign birds is very considerable, and, when arranged as intended, will be singularly illustrative of the science.

Such advance has been made in the arrangement of recent shells, that it is hoped that in the course of the next year the rich conchological stores of the Museum may be fully available.

The geological collection has received most important additions, as will appear on reference to the donations of the Geological Society, Mr. Griffith, the East India Company, &c.; and there is reason to



hope for some other extensive contributions. On the whole, the geological department of the Museum promises to be one of much usefulness and value.

The Professor of Mineralogy has arranged and labelled the extensive systematic collection of minerals in a manner which will enable a student to derive much advantage from their inspection.

The Board, seconding his exertions, have placed at his disposal a sum of money for the purchase of species wanting to complete the series. When this is accomplished, the printing of the catalogue will be commenced.

Several valuable collections of exotic plants, comprising about 2000 species, have been purchased for the Herbarium; and donations of nearly equal amount have been presented. Among the latter is an especially interesting collection from Sir T. Mitchell's exploratory expedition, and a liberal contribution from Sir William J. Hooker. The arrangement of the whole is regularly proceeding; and when the new rooms, recently granted by the Board (in No. 40), have been fitted up, the access of students will be greatly facilitated.

#### ALPHABETICAL LIST OF DONORS.

- Agardh, Professor J. G. (Lund).—A collection of Mexican algæ.  
 Allen, William, Esq.—Bottles containing lizards, snakes, fishes, crustacea, and larvæ, from West Indies.  
 Areschoug, Dr. J. E. (Gottingen).—A collection of Tropical and Australian algæ.  
 Bailey, Professor (Military College, New York).—Algæ from Florida.  
 Ball, Miss M.—Anatifæ on Gulf weed.  
 Battersby, Dr. (Torquay).—Some valuable cave fossils, a few minerals, and the shell *Parthenia fenestrata*.  
 Beatty, Pakenham, Esq.—Several rare insects, and fifteen bird-skins from Brazils.  
 Benson, W. H., M. D.—Helices from Suez, several rare land shells from India, and *Helix revelata* from Falmouth.  
 Blood, W. B., Esq., C. E.—Fossils from lias cuttings on the Birmingham and Oxford Junction Railway.  
 Boyde, John B., Esq. (Letterkenny).—Larvæ of the *Silpha opaca*, found to be destructive to mangel wurzel.  
 Boyd, Robert, Esq. (Belfast).—A snake nut.  
 Brien, Thomas, Esq.—Concretions of sand from Youghal.  
 Broome, C. E., Esq. (Bristol).—Several rare fungi.  
 Carmichael, Richard, Esq.—Eighteen fine birds, a number of fishes, turtles, crabs, &c., collected by Lieut. J. J. Carmichael, R. N., at Ascension.



- Carte, Alexander, M. D.—A crab from Borneo.  
 Clear, W., Esq.—Some interesting exotic insects.  
 Cocks, Dr. (Plymouth).—A collection of algæ.  
 Copeland, Mr. George (Pendennis).—Several Indian birds, a Brazilian goat-sucker, a hen harrier, a pair of sanderlings, and an eagle's egg.  
 Corrigan, D. J., M. D.—An opium pipe with apparatus.  
 Croker, C. P., M. D.—Shells, models, fish-hooks, &c., from Oregon, and reptiles, insects, &c., from West Indies.  
 Cullen, Thomas.—A land rail, young grouse, and some native eggs.  
 Dale, J. C., Esq. (Dorset).—Some very rare British insects.  
 Denny, H., Esq. (Chatham).—A collection of Cuban plants, and a species of *Cinnyris*.  
 Dickie, Dr. (Aberdeen).—*Callithamnion floccosum*.  
 Downing, S., Esq., Assistant Professor of Engineering.—Oolitic fossils from Caen, Normandy.

East India Company Directors, The Honourable the Court of.—  
 A most valuable and beautifully made set of casts, principally of the fossils collected by Major Cautley and Dr. Falconer, giving an excellent illustration of the "*Fauna Antiqua Sivalensis*;" the following is a brief enumeration of this munificent donation:—

*Dinotherium indicum*, part of the lower jaw : from Perim Island.

————— vertebra: ditto.

*Elephas insignis*, cranium: from the Sivalik Hills.

————— *hysudricus*, grinder: ditto.

————— *namadicus*, ditto: from Nerbudda.

*Elephas*, first vertebra: from the Sivalik Hills.

*Elephas cliftii*, grinder: from Ava.

*Mastodon perimensis*, cranium: from Perim Island.

————— grinder of the lower jaw: ditto.

————— *sivalensis*, part of cranium: from the Sivalik Hills.

————— grinders, upper and lower: ditto.

————— *latidens*, grinder and part of the palate: ditto.

————— *angustidens*, grinder.

————— *latidens*, grinder.

————— *longirostris*, grinder.

*Hippopotamus* (*Tetraprotodon palæindicus*), anterior part of the lower jaw: from Nerbudda,

————— (*Hexaprotodon sivalensis*), cranium: from the Sivalik Hills.

————— lower jaw: ditto.

————— (*Tetraprotodon palæindicus*), cranium: ditto.

*Rhinoceros palæindicus*, cranium: ditto.

*Sus giganteus*, cranium: ditto.

*Equus namadicus*, cranium: from Nerbudda.



East India Company Directors—*continued*.

*Equus sivalensis*, cranium: from the Sivalik Hills.

\_\_\_\_\_ lower jaw, part: ditto.

\_\_\_\_\_ cranium, part of, with range of teeth: ditto.

\_\_\_\_\_ vertebra: ditto.

*Sivatherium giganteum*, *fem.*, cranium: ditto.

\_\_\_\_\_ horn, part of: ditto.

\_\_\_\_\_ cranium, fragment.

\_\_\_\_\_ vertebra: ditto.

\_\_\_\_\_ lower jaw, fragment of: ditto.

\_\_\_\_\_ tarsal bones: ditto.

*Sivatherium giganteum*, femur, fragment of: ditto.

\_\_\_\_\_ anterior extremities restored: do.

*Merycopotamus dissimilis*, cranium: from the Sivalik Hills.

\_\_\_\_\_ lower jaw: ditto.

\_\_\_\_\_ part: ditto.

\_\_\_\_\_ humerus: ditto.

*Calicotherium sivalense*, cranium and lower jaw: ditto.

\_\_\_\_\_ part of upper jaw: ditto.

\_\_\_\_\_ part of lower jaw: ditto.

*Hippohyus sivalense*, cranium: ditto.

*Hippotherium antilopinum*, lower jaw, part of: ditto.

*Camelopardalis affinis*, cervical vertebra: ditto.

\_\_\_\_\_ humerus: ditto.

*Capra*, part of cranium: ditto.

\_\_\_\_\_ part of the cranium: ditto.

*Camelus sivalensis*, cranium: ditto.

*Bos*, cranium, with part of the horns: from Nerbudda.

\_\_\_\_\_ cranium.

*Ursus* (*Hyænarcos sivalensis*), cranium: from the Sivalik Hills.

\_\_\_\_\_ femur: ditto.

\_\_\_\_\_ lower jaw: ditto.

*Emys hamiltonioides*: ditto.

*Emys*: ditto.

*Colossochelys atlas*, humerus: ditto.

\_\_\_\_\_ episternum: ditto.

\_\_\_\_\_ ziphosternum: ditto.

\_\_\_\_\_ (Young), cranium: ditto.

*Leptorhynchus giganteus*, muzzle: ditto.

\_\_\_\_\_ gangeticus, A, part of the cranium: ditto.

\_\_\_\_\_ B, part of the cranium: ditto.

*Crocodylus biporcatus*, part of the cranium: ditto.

\_\_\_\_\_ (Young), cranium: ditto.

*Felis palæotigris*, part of the cranium: ditto.

\_\_\_\_\_ cristata, part of the cranium: ditto.

*Canis*, part of the cranium: ditto.

\_\_\_\_\_ part of the cranium: ditto.

*Hyæna*, A, part of the cranium: ditto.



East India Company Directors—*continued*.

Hyæna, B, part of the cranium: from the Sivalik Hills.

Enhydriodon ferox, A, cranium: ditto.

————— B, cranium: ditto.

————— C, cranium: ditto.

Machairodus sivalensis, A, cranium, fragment: ditto.

————— B, cranium: ditto.

Quadrumana. Fam. Simiadæ, lower jaw, part of: ditto.

Aves. Fam. Struthionidæ, fragment of left tibia: ditto.

Pisces. Fam. Siluridæ, fragment: ditto.

Lutra palæindica, cranium: ditto.

Ffenell, W. J., Esq.—Three charr from Lough Sheshhuck, county Donegal.

Fletcher, W., Esq.—A monstrous shark, having a double snout.

Geoghegan, Professor.—A proteus from the Tyrol.

Geological Society of Dublin, The.—The entire Museum of the Society, the result of several years' exertion. It contains an excellent and useful collection of organic remains from most of the formations of stratified rocks, some valuable Saurian fossils and casts, a good collection of rock specimens, and a considerable number of minerals. All these, when incorporated with the collection already in the Museum, will afford extensive means of reference for the geological student. A considerable collection of building stones, bricks, tiles, and other economic specimens, presented also by the Geological Society, have been deposited in the Engineering School. This very valuable donation, with the cabinets and cases, was presented by the Society in testimony of its appreciation of the efforts of the University for the prosecution of natural science. The Geological Society now meets in the University.

Gilgeous, W. B., M.B.—Seven large snakes, a black pinna, alligator's eggs, &c.

Goode, Mr. John.—Various contributions in marine zoology, including two of the rare *Rossia owenii*, the *Sepia officinalis*, and other cephalopoda, a rose-coloured haddock, a king crab and tetraodon, taken from the stomach of a dolphin in the Gulf of Mexico, &c.

Gourlie, Wm., Esq. (Glasgow).—Rare British and foreign mosses, the Agar-Agar, an officinal Chinese alga, mannite extracted from the *Laminaria saccharina*, and a specimen of gutta percha.

Gray, Professor (Massachusetts).—North American algæ.

Gray, Wilson, Esq.—Some fine specimens of native copper, and other minerals, from North America.

Graves, The Rev. C., F. T. C. D.—Some minerals.

Graves, Lieut. Col.—A young woodcock taken in the county Wicklow, 1st May, 1848.

Gregg, Robert, Esq.—A pearl-like concretion from an oyster.



Griffith, Richard, Esq. (whose name is so inseparably connected with Irish Geology).—A very valuable and extensive collection of carboniferous fossils containing many hundred species; also some newer secondary fossils, and a few rare minerals,—being a combined collection of one intended for the Geological Society and one for the University. This large and important series of carboniferous fossils is particularly valuable to the student of Irish geology, as a means of identifying the species published in Mr. Griffith's Synopsis. It will, with the previous collection of the University, form nearly a complete series of Irish carboniferous fossils, which are at present being labelled and arranged.

Haliday, Alexander H., Esq.—A set of about 100 species of aphides put up by Mr. Walker in Canada balsam. A most instructive series of mischievous insects; to one of these the potato disease has been ascribed by certain authors.

Halpin, The Rev. Mr.—Specimens of the *Haltica atricilla*, a beetle said to be injurious to the potato. The addition to the collection of insects said to be injurious to the crops is very desirable, if accompanied by statements of facts observed.

Hamilton, The Duke of.—The skull of one of his Grace's celebrated herd of wild cattle. During the past year some singularly fine illustrations of the ox family have been obtained by purchase, &c.

Hamilton, John, Esq., per the Rev. W. D. Sadleir, F. T. C. D.—Some goniatites from near Manorhamilton.

Hanbidge, Mr.—*Melolontha castanea*.

Handcock, Stephen, Esq.—Larvæ of the puss moth.

Handcock, William E., Esq.—Long-tailed titmouse, white-throat, red-shank, and sea lark.

Harrison, Professor.—Four species of *Chætodon*.

Harris, Mrs.—Two young crocodiles.

Harvey, Professor.—*Echinus lividus*, from Clare, and some shells collected at considerable heights in Switzerland.

Hooker, J. D., M. D.—Algæ from Tasmania, Antarctic mosses, &c.

Hooker, Sir William.—Several rare tropical plants, and a collection of 926 Australian and other exotic species.

Hore, Rev. W. S. (Plymouth).—Algæ from coast of Devonshire, and from Prince Edward's Island.

Hoskyn, Lieut.—A number of sea birds' eggs, from islands on the coast of Waterford.

Hunt, George, Esq. (Boston).—Algæ from Rhode Island.

Hutton, Thomas, Esq.—A beetle found alive in a deal plank.

Hans, Irvine, M. B.—Head of the *Accipenser thompsonii*.

Jobson, Henry, Esq. (Carron).—A large and excellent collection of lepidoptera, being a continuation of several previous liberal donations.



- Kavenagh, Mr. (Moore-street).—Shells from the stomachs of fishes.  
Kendrick, Mr.—A *Loligo eblanæ*.  
Kennan, Mr. John.—A Cuttle fish. (Lost by bearer.)  
Kyle, The Rev. J.—Several horns of bovidæ killed by his brother at the Cape (deposited).
- Le Batt, Dr.—A tropical isopod, and some copper ore from Waterford.  
Leetch, Mr.—An eft.  
Lenormand, Mr.—A valuable collection of Caucasian plants.  
Lloyd, B., Esq.—Lead ore, and other minerals, from Wales.  
Lugard, Captain, R. E.—Model of a New Zealand canoe.
- Mallet, Robert, Esq.—Two fine polished septaria from Weymouth, presented by him to the Geological Society.  
Mallet, Master.—A *Cottus bubalis*.  
Mayne, The Rev. C.—A variety of the common eel, of a bright yellow colour, taken in the Shannon.  
Melville, Dr. (London).—Casts of the bones of the foot of the dodo, and a remarkably fine New Zealand jade adze.  
Miller, Captain.—The head of a sword fish.  
Mitchell, Sir T. L.—A valuable collection of sub-tropical Australian plants, collected in his exploratory expedition.  
Mitchell, Miss (Boston).—Algæ from Nantucket.  
Montagne, M. (Paris).—A collection of Algerian algæ.  
Murray, Mr. D., per R. Dowden, Esq.—A nest of the *Galleria sociella*, and a plant of *opuntia* grown from a seed-vessel.
- Nicholson, N. A., Esq. (Balrath).—Mites (*Leptus autumnalis*) found infesting rabbits in county of Meath.  
Nugent, William, Esq.—A Sabine snipe.
- O'Driscoll, W. Justin, Esq.—A snake, scorpion, and insects, from the East Indies.  
Oldham, Professor.—Numerous silurian and carboniferous fossils.  
Orpen, C., M. D., per J. Humphreys, Esq.—Two species of *Diomedea*, and a petrel.
- Perrin, Mrs.—A bat (*Plecotus auritus*).  
Piesse, C. C. J., Esq.—Some fine Australian copper ore.  
Plunket, M. J., Mr.—A *Mergus serrator*.  
Pollexfen, The Rev. J.—A collection of algæ.  
Porter, The Rev. Dr.—Some fossils, minerals, and a land rail.
- Radice, Professor.—A very large gorgonia.  
Rohloff, T. H., Esq. (Plymouth).—A collection of algæ.  
Russell, Archdeacon.—Some minerals.
- Scouler, Professor.—A collection of Chinese plants made by the late Dr. Morrison.  
Shannon Commissioners, The.—A fossil fern from Arigna.  
Smith, George, Esq.—The moth *Catocala nupta*.



Stanger, Dr. (Port Natal).—A collection of algæ.  
 Supple, College Porter.—A foreign spider.

Tardy, Mrs.—A bee-eater killed in Wexford by Mr. C. Walker (deposited).

Thompson, William, Esq. (Belfast).—Wood pierced by teredo.

Todd, The Rev. J. H., F. T. C. D.—Three rare tropical birds, and twenty specimens of copper ore from Australia, a highly interesting collection, several of the specimens being of a type unknown in Europe, and being illustrative of a region where mining operations have recently been so successfully carried on.

Todhunter, William, Esq.—Specimens of the Lemon sole, the Megrim, and the Long dab, taken by him on the West coast, the Eschara foliacea, and the Nigger Holothuria,—being five additions to the Fauna of the country,—and several other rare fishes, shells, &c., from different parts of the country.

Townsend, R. W., Esq., C. E.—A collection of about 100 specimens of simple minerals, made by this accomplished mineralogist from the primitive rocks of Donegal: many of these minerals were not known before as Irish. The Professor of Mineralogy considers the collection as an exceedingly important acquisition.

Verso, Mr.—A hawk and a heron.

Warren, T. W., Esq.—Gorgonia flabellum, found at Lambay: the first recorded Irish specimen.

Wallich, Dr.—A continuation of his Indian herbarium.

Williamson, J. M., Esq.—A wasp's nest.

Wilson, Mr. (Cape Clear).—A fine specimen of Halichondria ventralabrum.

Wollaston, T. V., Esq. (Cambridge).—A number of rare British insects.

Wynne, John, Esq.—Some minerals found at Dowth.

Zoological Society of Ireland, Royal.—Several dead animals, vultures, and parrots' eggs, &c.

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NOTE.—The Admiralty having caused instructions to be issued to the officers commanding on foreign stations, to receive and forward to the Museum, by Her Majesty's ships, any curiosities suitable for such conveyance which donors may feel inclined to present, it is requested that persons availing themselves of this great privilege will, at the same time, write by the ordinary mail to the Director of the Museum, announcing the particulars of their donations, in order that he may make necessary arrangements.

ROBERT BALL, M. R. I. A., &c.,  
*Director of the University Museum, Dublin.*