ORDINARY MEETING, FEBRUARY 2ND, 1877.

Professor MORRIS, F.G.S., President, in the Chair.

The following Donations were announced :—

“ Abstracts of the Proceedings of the Geological Society,” Nos. 324, 325, and 327 ; from that Society.

“ Journal of the Society of Arts,” January, 1877 ; from that Society.

“ Catalogue of Mammalian Remains,” by Sir Antonio Brady ; from the Author.

“ On the Permians of the North East of England,” by E. Wilson, F.G.S. ; from the Author.

The following were elected Members of the Association :—

H. G. Gardener, Esq., F.G.S. ; William Gifford, Esq. ; Miss Hester Green ; Oswald M. Prowse, Esq. ; Charles Joseph Wilson, Esq.

A large number of specimens (with microscopes) having been brought by Members for exhibition, the meeting, after explanatory remarks by William Carruthers, Esq., F.R.S., and other exhibitors, resolved itself into a *Conversazione*, during which the following microscopic and other objects were inspected :—

Sections of Coal Plants, exhibited by the late President (W. CARRUTHERS, Esq., F.R.S., F.G.S., &c.) :—

Filices—Petiole of Frond under Mr. B. B. Woodward's microscope.

Group of Sporangia filled with spores.

Equisetaceæ—Fruit. Section of cone with spores.

Section of stem of Calamites through the Internode.

Lycopodiaceæ—Section of Stem of *Lepidodendron*.

„ Leaves of same.

Fruit. Cone with Macrospores.

„ Cone showing Microspores.

Section of Charnwood Forest Rocks, exhibited by Mr. SMITH.

Spiculæ of Sponges from the Limestones and Shales in the Lower Carboniferous formations of Scotland ; exhibited by Dr. MILLER.

Two trays of leaves (*N. O. Smilacææ*), containing four species—three from the Bagshots of Bournemouth and one from Alum Bay, Isle of Wight.

One tray of small *Nautili* and two large specimens from the London Clay, North Western Railway Tunnel, Primrose Hill ; exhibited by G. STARKIE GARDENER, Esq., F.G.S.

Collection of Minerals; also Polyzoa, Cytheræ, and Spicules of Sponges from the Carboniferous of Scotland; exhibited by S. H. NEEDHAM, Esq.

Left shed antler of *Cervus tarandus*, left ramus of the inferior maxilla of *Bos primigenius*, and scapula of same, from the Thames Valley gravels, South Kensington; exhibited by R. W. CHEADLE, Esq., F.G.S.

Belemnites tertiaria and *Salenia*, from the Miocene beds of Australia; exhibited by the Rev. J. F. BLAKE, Esq., M.A., F.G.S.

Land and Freshwater Shells from the Holy Land, Lignite from Loam-pit Hill (section of), Section of Sarsen Stones and prisms of *Trichites nodosus*; exhibited by W. H. LEIGHTON, Esq., F.G.S.

Post Pliocene Mammalia from Grays Thurrock; exhibited by C. WHITE, Esq.

Sections of Rocks and Minerals, consisting of Quartz with cavities and enclosures, Chalcedonies, Agates, Felspars, triclinic and monoclinic, and typical forms of Rocks; exhibited by F. W. RUDLER, Esq., F.G.S., M.A.I.

Fossil Wood from London Clay, Diploxyton from Arran, Dictyoxylon from Oldham, and Microspores of Truffle; exhibited by H. E. FREEMAN, Esq.

Dictyoxylon; exhibited by Mr. NORMAN.

Macrospores in Coal, Section of the Bradford Better-bed coal, and of brown Australian coal; exhibited by J. T. YOUNG, Esq., F.G.S.

Sections of the tooth of *Dendrodus* from the Old Red Sandstone, *Lamna elegans* from the London Clay, and of *Cochleodus* from the Carboniferous; exhibited by J. SLADE, F.G.S.

Sections of the brown part of a green-coated flint from the Bull-Head bed; thin chip of a transparent black flint, stained by nitrate of silver; and of the white outer coat of a flint from the Chalk; exhibited by M. HAWKINS JOHNSON, Esq., F.G.S.

Myaoncha longirostris, from the Inferior Oolite of Sherborne (Buck. MSS.); exhibited by H. TRYON, Esq.

Right ramus of inferior maxilla of *Labyrinthodon Lavis* (Seel.); also anterior thoracic plate, a chevron bone, a scute and other bones of the same animal; the lithographic plate of them from the "Quarterly Journal of the Geological Society," and a water-colour sketch of the section of the Trias of South Devon, between Ladram Bay and Sidmouth, from which the above specimens were obtained, executed by P. O. HUTCHINSON, Esq. A collection of flint chips, flakes, and scrapers from Reading, and some flints, with deposits of Orbicular *Silex* on their surfaces, from the same locality; exhibited by H. J. JOHNSON LAVIS, Esq., F.G.S.