3. On the Products of the Destructive Distillation of Animal Substances. Part V. Action of Sodium on Pyridine. By Professor ANDERSON, Glasgow.
4. On the Structure of the British Nemerteans; and new British Annelids. By W. Carmichael M'Intosh, M.D. F.L.S.

In the first part of this paper the anatomy and physiology of the Ommatopleans is described from the typical form *O. alba*, the variations and peculiarities presented by other genera and species being contrasted therewith. The descriptions are grouped under the following heads:—Dermal Tissues; Proboscidian Sheath; Proboscis; Digestive, Circulatory, and Nervous Systems; Cephalic Furrows, Pits, and Glands; Organs of Reproduction and Development.

The second part consists of the structure and physiology of the Borlasians, under the same (or similar) heads; together with such anomalous genera as differ from both great groups of Nemerteans.

The third division treats chiefly of the structure of certain (upwards of forty) Annelids new to science or to Britain.

The following Gentlemen were elected Fellows of the Society:—

REV. THOMAS GUTHRIE, D.D.

THOMAS KEY, Esq., Dep.-Inspector Gen. of Hospitals.

ADAM GILLIES SMITH, Esq., C.A.

JOHN MACMILLAN, Esq., M.A.

The following Donations to the Library were announced:—

Boeck (Thorvald). Oversight over Literattur, Love, Forordninger Rescripter M.M. Vedrorende de Norske Fiskeriar. Christiania, 1866. 8vo.—*From the Author.*

Broch (Dr O. J.). Traité Élémentaire des Fouchons Elliptiques. Fasc. 1. Christiania, 1866. 8vo.—*From the Author.*