

On Distorted Human Skulls, *Nat. Hist. Review*, 1862.

On the Embryology of Echinodermata, *Nat. Hist. Review*, 1863.

Do. do. do. 1864.

On Professor Steenstrup's "Views on the Obliquity of Flounders," *Ann. Mag. Nat. Hist.*, 1865.

Sea Lilies (*Cenocrinus*—*Neocrinus*—*Comatula*), *Intellect, Obs.*, vi., 1865.

On the Glass Rope (*Hyalonema*), *Intellect, Obs.*, xi., 1867.

On the Vitreous Sponges, *Ann. Mag. Nat. Hist.*, 1868.

On *Holtenia*, a Genus of Vitreous Sponges, *Phil. Trans.*, clix., 1869.

On the Depths of the Sea, *Roy. Dublin Soc. Jour.*, v., 1870.

Osteology of *Polypterus*, *Jour. Anat. and Phys.*, 1870.

On Deep-Sea Climates, *Nature*, ii., 1870.

Preliminary Report, in connection with Drs. W. B. Carpenter and J. G. Jeffreys, of the Scientific Exploration of the Deep-Sea in H.M.S. "Porcupine," *Roy. Soc. Proc.*, xviii., 1870.

On the Distribution of Temperature in the North Atlantic, *Nature*, iv., 1871.

On the Continuity of the Chalk, *Nature*, iii., 1871.

On the Structure of The Palæozoic Crinoids, *Edin. Roy. Soc. Proc.*, vii., 1871.

Notice of a New Family (Echinothuridæ) of the Echinodermata, *Edin. Roy. Soc. Proc.*, vii., 1872.

Deep-Sea Echinidea, *Ann. Mag. Nat. Hist.*, 1872.

On the Crinoidea of the "Porcupine," *Edin. Roy. Soc. Proc.*, vii., 1872.

Opening Address on the Ripening and Decay of Fruit, *Edin. Bot. Soc. Trans.*, 1873.