1. On a proposed Edinburgh Marine Station for Biological Research, at Granton Quarry. By Mr John Murray.
2. On Work done on board H.M.S. "Triton" in the Faroe Channel during the Summer of 1882. By Mr John Murray.
3. On the *Pennatulida* dredged in the Faroe Channel during the Cruise of H.M.S. "Triton" in August 1882. By Professor A. M. Marshall. Communicated by Mr John Murray.
4. On the *Asteroidea* dredged in the Faroe Channel during the Cruise of H.M.S. "Triton" in August 1882. By Mr W. Percy Sladen, F.L.S., F.G.S. Communicated by Mr John Murray.
5. On the *Pycnogonida* dredged in the Faroe Channel during the Cruise of H.M.S. "Triton" in August 1882. By Dr P. P. C. Hoek. Communicated by Mr John Murray.
6. On the *Crustacea* dredged in the Faroe Channel during the Cruise of H.M.S. "Triton" in August 1882. By Rev. A. M. Norman, D.C.L. Communicated by Mr John Murray.
7. On the *Tunicata* dredged in the Faroe Channel during the Cruise of H.M.S. "Triton" in August 1882. By Professor W. A. Herdman.
8. On the Proofs of Proportionality of Emissive and Absorptive Power. By Professor Tait.
9. A Contribution to the Chemistry of Nitroglycerine. By Matthew Hay, M.D., Assistant to the Professor of Materia Medica in the University of Edinburgh. Communicated by Professor Crum Brown.

(A full report of this paper appears in the *Transactions* of the Society.)

On account of the identity of the physiological action of nitroglycerine with that of simple alkaline nitrites, it occurred to the