

New Series.—Vol. IV., No. 4—issued March, 1897.]

[Price 3s. 6d.

Journal

OF THE

MARINE BIOLOGICAL ASSOCIATION

OF

THE UNITED KINGDOM.



THE PLYMOUTH LABORATORY.

PLYMOUTH:

PRINTED FOR THE MARINE BIOLOGICAL ASSOCIATION BY W. BRENDON & SON,
AND
PUBLISHED BY THE ASSOCIATION AT ITS OFFICES ON THE CITADEL HILL.

SENT FREE BY POST TO ALL MEMBERS OF THE MARINE BIOLOGICAL ASSOCIATION:
ANNUAL SUBSCRIPTION FOR MEMBERSHIP, ONE GUINEA.

Agents in London:—Messrs. DULAU & Co., 37, Soho Square, W.

PATRON.

H.R.H. THE PRINCE OF WALES, K.G., F.R.S.

OFFICERS AND COUNCIL.

President.

Prof. E. RAY LANKESTER, LL.D., F.R.S.

Vice-Presidents.

The Duke of ARGYLL, K.G., K.T.,
F.R.S.
The Duke of ABERCORN, K.G., C.B.
The Earl of ST. GERMAN.
The Earl of MORLEY.
The Earl of DUCIE, F.R.S.
Lord REVELSTOKE.
The Right Hon. Lord TWEEDMOUTH.
Lord WALSINGHAM, F.R.S.
The Right Hon. A. J. BALFOUR, M.P.,
F.R.S.

The Right Hon. JOSEPH CHAMBER-
LAIN, M.P.
The Right Hon. Sir JOHN LUBBOCK,
Bart., M.P., F.R.S.
Prof. G. J. ALLMAN, F.R.S.
Sir EDWARD BIRKBECK, Bart.
Sir WM. FLOWER, K.C.B., F.R.S.
Dr. A. C. L. GÜNTHER, F.R.S.
Prof. ALFRED NEWTON, F.R.S.
Rev. Canon NORMAN, D.C.L., F.R.S.
Sir HENRY THOMPSON.

Rear-Admiral WHARTON, C.B., F.R.S.

COUNCIL.

Elected Members.

F. E. BEDDARD, Esq., F.R.S.
Prof. F. JEFFREY BELL, F.Z.S.
G. C. BOURNE, Esq., F.L.S.
Sir JOHN EVANS, K.C.B., D.C.L.,
Treas. R.S.
G. HERBERT FOWLER, Esq.
S. F. HARMER, Esq.
Prof. W. A. HERDMAN, F.R.S.

Prof. SYDNEY J. HICKSON, F.R.S.
J. J. LISTER, Esq.
JOHN MURRAY, Esq., F.R.S.
D. H. SCOTT, Esq., F.R.S.
P. L. SCLATER, Esq., F.R.S. (Sec. Zool.
Soc.)
Prof. CHARLES STEWART, F.R.S.
Prof. W. F. R. WELDON, F.R.S.

Governors.

ROBERT BAYLY, Esq.
J. P. THOMASSON, Esq.
The PRIME WARDEN OF THE FISH-
MONGERS' COMPANY
E. L. BECKWITH, Esq. (Fishmongers'
Company)

Prof. BURDON SANDERSON, F.R.S.
(Oxford University).
Prof. MICHAEL FOSTER, F.R.S. (Cam-
bridge University).
Sir WM. FLOWER, K.C.B. F.R.S. (Brit.
Assoc. for Advancement of Science).

Hon. Treasurer.

E. L. BECKWITH, Esq., The Knoll, Eastbourne.

PERMANENT STAFF.

Director and Hon. Sec.—E. J. ALLEN, Esq., B.Sc., The Laboratory, Citadel Hill,
Plymouth.

Assistant to the Director—T. V. HODGSON, Esq.