

LIST OF THE MARINE MOLLUSCA RECORDED
AS FOUND IN SUFFOLK.

BY CARLETON GREENE, M.A.,
Vicar of Roxton with Great Barford, Beds.

The following list is intended to be supplementary to that which appeared in this Journal in 1891 (Vol. VII., p. 275), dealing with the land and freshwater species. There has been great difficulty in obtaining information on the subject. Beginning with the shells found by the late Dr. Churchill Babington and myself, I have added those recorded by the following:—Messrs. A. Mayfield, G. T. Rope, James E. Cooper, A. Patterson, F. W. Harmer, Dr. Sorby, F.R.S., and Miss Powles. Dr. Sorby alone has found a large number, but as terrestrial localities can only be given by him in a few instances, I have mentioned only those which other authorities have not noted. Thanks are due to Messrs. E. A. Smith and Claude Morley for records from the British Museum and Ipswich Museum. Jeffreys' British Conchology also has been made use of.

Craspedochilus cinereus.—Melford, on a plant in the Stour (C. B.);
Aldeburgh (J. E. C.)

Craspedochilus onyx. (Sorby, living)?

Acanthochites fascicularis. (Sorby, living)?

Nucula nucleus.—Felixstowe (C. B.), Aldeburgh (J. E. C.), Lowestoft (F. W. H.)

Nucula nitida.—Felixstowe (F. W. H.)

Anomia ephippium.—Felixstowe (C. G.)

Mytilus edulis.—Felixstowe (C. G.), Ipswich (A. M.), Aldeburgh (J. E. C.), Southwold (C. M.), Gorleston (A. P.)

VolSELLA modiolus.—Felixstowe (A. M.), Aldeburgh (J. E. C.)

Modiolaria marmorata.—R. Orwell (C. B.)

- Modiolaria discors.**—Aldeburgh (C. B.), R. Alde (J. E. C.), R. Orwell (Clarke in Jeffreys' B. C.)
- Ostrea edulis.**—R. Orwell (C. G.), Felixstowe (A. M.), Aldeburgh (J. E. C.), Ipswich (A. M.)
- Chlamys varius.**—Felixstowe (C. G.), Aldeburgh (J. E. C.), Southwold (C. M.)
- Chlamys varius var. nivea.**—Felixstowe (Powles).
- Aequipecten opercularis.**—Felixstowe (C. G.), Lowestoft (A. P.)
- Cyprina Islandica.**—Southwold (C. M.)
- Loripes lacteus.**—Gorleston (A. P.)
- Syndosmya nitida.**—Aldeburgh (C. B.)
- Syndosmya alba.**—Felixstowe (C. B.), Aldeburgh (J. E. C.), Lowestoft (F. W. H.)
- Syndosmya tenuis.**—Felixstowe (C. B.), Aldeburgh (J. E. C.), Lake Lothing (C. B.), Ipswich (A. M.)
- Scrobicularia plana.**—R. Orwell (C. G.), Ipswich (A. M.), Aldeburgh (J. E. C.), Breydon (A. P.)
- Tellina tenuis.**—Felixstowe (C. G.)
- Tellina fabula.**—Orford (Sorby), Lowestoft (T. W. H.)
- Maconia balthica.**—Felixstowe (C. B.), Lake Lothing (C. B.), Ipswich (A. M.), Southwold, Thorpe next Aldeburgh (C. M.), Lowestoft (F. W. H.), Breydon (A. P.)
- Donax vittatus.**—Felixstowe (C. G.)
- Mactra stultorum.**—Felixstowe (C. G.), Aldeburgh (J. E. C.), Southwold (C. M.), Gorleston (A. P.), Lowestoft (F. W. H.)
- Spicula solida.**—Felixstowe (C. G.)
- Spicula subtruncata.**—Felixstowe (C. G.), Southwold (C. M.)
- Tapes aureus.**—Felixstowe (C. G.) R. Orwell (Sorby).
- Tapes pullastra.**—Felixstowe (C. G.), Southwold (C. M.)
- Cardium exigum.**—R. Orwell, Felixstowe (C. B.), Aldeburgh (J. E. C.), Lowestoft (F. W. H.)
- Cardium edule.**—Felixstowe (C. G.) Aldeburgh, Ipswich (A. M.), Lowestoft (F. W. H.) Southwold (C. M.) Breydon (A. P.)
- Mya arenaria.**—Aldeburgh, Felixstowe, Lake Lothingland (C. B.), Ipswich (A. M.), Breydon (A. P.)
- Mya truncata.**—Felixstowe (C. F.), Aldeburgh (J. E. C.), Southwold (C. M.)
- Ensis siliqua.**—Aldeburgh (J. E. C.)
- Pholas dactylus.**—Felixstowe (C. G.)

- Barnea candida*.—Aldeburgh (J. E. C.), Gorleston (A. P.), Lowestoft (F. W. H.)
- Barnea parva*.—Felixstowe (C. G.)
- Zirphœa crispata*.—Felixstowe (Powles).
- Teredo navalis*.—Felixstowe, Gorleston (A. P.)
- Patella vulgata*.—Felixstowe (Powles), Gorleston (A. P.)
- Gibbula cineraria*.—Felixstowe (C. G.), Aldeburgh (J. E. C.), Southwold (C. M.)
- Gibbula umbilicata*.—Felixstowe (A. M.)
- Calliostoma ziziphinus*.—Aldeburgh (J. E. C.), Southwold (C. M.)
- Lacuna divaricata*.—Felixstowe (A. M.) Aldeburgh (J. E. C.)
- Lacuna pallidula*.—Aldeburgh (J. E. C.)
- Littorina obtusata*.—Felixstowe (C. M.) Ipswich, Aldeburgh (A. M.), Southwold (C. M.)
- Littorina obtusata* var. *æstuarii*.—R. Deben (C. B.); Martlesham Creek (G. T. R.)
- Littorina neritoides*.—Breydon (A. P.)
- Littorina rudis*.—Felixstowe (C. B.), R. Deben, R. Alde (G. T. R.), Aldeburgh, Ipswich (A. M.), Woodbridge (E. A. S.), Breydon (A. P.)
- Littorina rudis* var. *Saxatilis*.—Aldeburgh, Felixstowe (C. B.), R. Deben (G. T. R.)
- Littorina rudis* var. *tenebrosa*.—Aldeburgh (J. E. C.)
- Littorina litorea*.—Felixstowe (C. B.), Ipswich, Aldeburgh (A. M.), Southwold (C. M.), Breydon (A. P.)
- Rissoa parva*.—Aldeburgh (A. M.)
- Rissoa parva* var. *interrupta*.—Aldeburgh, Felixstowe (A. M.)
- Rissoa parva* var. *inconspicua*.—(Sorby, living).
- Zippora membranacea*.—Aldeburgh (J. E. C.)
- Zippora membranacea* var. *labiosa*.—Felixstowe (C. B.)
- Paludestrina stagnalis*.—Felixstowe (A. M.), Aldeburgh (J. E. C.), R. Alde, R. Deben, Martlesham Creek (G. T. R.), Lowestoft, Ipswich (A. M.), Woodbridge (E. A. S.)
- Paludestrina stagnalis* var. *albida*.—Aldeburgh (J. E. C.)
- Paludestrina ventrosa*.—Aldeburgh (J. E. C.), Lowestoft (A. M.), Breydon (A. P.)
- Paludestrina ventrosa* var. *pellucida*.—Breydon (A. P.)
- Truncatella truncata*.—Felixstowe (C. B.), Bawdsey (J. E. C.)
- Calyptrœa chinensis*.—Felixstowe (C. B.)

- Natica catena*.—Felixstowe (C. B.), Aldeburgh (J. E. C.), Southwold (C. M.)
- Turbonilla lactea*.—Aldeburgh (J. E. C.)
- Eulimella commutata*.—Felixstowe (C. B.)
- Turritella communis*.—Felixstowe (A. M.)
- Buccinum undatum*.—Felixstowe (C. G.), Ipswich (A. M.), Aldeburgh (J. E. C.), Southwold (C. W.)
- Buccinum undatum* var. *paupercula*.—Aldeburgh (J. E. C.)
- Neptunea antiqua*.—Felixstowe (A. M.), Aldeburgh (J. E. C.)
- Ocenebra erinacea*.—Felixstowe (C. B.), Aldeburgh, Southwold (C. M.)
- Purpura capillus*.—Felixstowe (C. G.), Ipswich, Aldeburgh (A. M.), Breydon (A. P.), Lowestoft (F. W. H.)
- Nassa reticulata*.—Felixstowe (C. G.), Aldeburgh (J. E. C.), Southwold (C. M.)
- Nassa reticulata* var. *nitida*.—Felixstowe (C. B.), Aldeburgh (J. E. C.)
- Nassa incrassata*.—Felixstowe (C. B., A. M.)
- Bela turricola*.—Felixstowe (A. M., C. B.), Ipswich (C. B.), R. Orwell (C. G.)
- Bela rufa*.—Felixstowe (C. B.), Aldeburgh (J. E. C.)
- Tornatina truncatula*.—Aldeburgh (J. E. C.)
- Tornatina obtusa*.—Aldeburgh (J. E. C., C. B.)
- Haminea hydatis*.—R. Orwell (C. B.)
- Acera bullata*.—Felixstowe (C. B.), R. Orwell (Clarke in Jeff. B. C.)
- Philine aperta*.—Felixstowe (A. M.)
- Galvina cingulata* var. *vittata*.—(Sorby, living).
- Facelina coronata*.—(Sorby, living).
- Fiona marina*.—(Sorby, living).
- Acanthodoris pilosa*.—(Sorby, living).
- Goniodoris castanea*.—(Sorby, living).
- Leuconia bidentata*.—Aldeburgh (C. B., J. E. C.), Felixstowe (C. B.)
- Alexia denticulata* var. *myosotis*.—Felixstowe (C. G.), Iken and Snape (G. T. R.), Southwold (J. E. C.)
- Loligo media*.—Harwich Harbour, R. Orwell (Sorby, living).
- Sepia officinalis*.—Aldeburgh (J. E. C.)
- Sepiola atlantica*.—(Sorby, living).
- Sepiola scandica*.—Lowestoft (F. W. H.)

ADDITIONS AND CORRECTIONS TO SUFFOLK LAND AND
FRESHWATER SHELLS (1891. Proceedings, Vol. vii., p. 275).

AUTHORITIES CITED.

Mr. Arthur Mayfield, Mendlesham, Stowmarket ; the late Mr. E. B. Skepper, of Bury S. Edmund's ; Mr. J. E. Cooper, Highgate.

FRESHWATER.

add Pisidium milium (=roseum Jeff.) Thetford (A. M.)

for *Planorbis nitidus* read *Planorbis fontanus*,
and add to localities—Tuddenham (E. B. S.)

Physa hypnorum. *add* to localities—Gisleham (A. M.)

Ancylus lacustris. *add* to localities—Blaxhall (A. M.)

add Unio pictorum. Near Oulton Broad (A. M.)

add Neritina fluviatilis. R. Gipping, Bramford (A. M.)

LAND.

Helix aspersa.

add var. *flammea.* passim (A. M.)

var. *zonata.* Mendlesham (A. M.)

var. *grisea.* Carlton Colville (A. M.)

Helix hortensis.

add var. *albina.* Mendlesham, Creeting (A. M.)

var. *arenicola.* Mendlesham, Needham Market (A. M.)

var. *incarnata.* Mendlesham (A. M.)

var. *olivacea.* Mendlesham (A. M.)

add Helix cartusiana. Little Glemham (Rope), Needham Market
(A. M.)

Helix virgata.

add var. *carinata.* Mendlesham, Lowestoft (A. M.)

var. *lineata* (= *submaritima* Jeff.). Lowestoft (A. M.)

var. *subalbida.* Mendlesham, Lowestoft, Needham Market (A. M.)

var. *albicans.* Lowestoft, Mendlesham, Coddendam, Brandon
(A. M.)

var. *alba.* Lowestoft (A. M.)

var. *subglobosa.* Lowestoft (A. M.)

Helix hispida.

- add* var. **hispidosa.** passim (A. M.)
 var. **depilata.** Mendlesham, Creting (A. M.)

Helix caperata.

- add* var. **subscalaris.** Between Thetford and Brandon (A. M.)
 var. **ornata.** Between Thetford and Brandon (A. M.)
 var. **fulva.** Needham Market, Creting (A. M.)

Helix ericetorum.

- add* var. **leucozona.** Mendlesham, Creting (A. M.)
 var. **alba.** Needham Market (A. M.)

dele **Vertigo moulinsiana.**

- add* **Vertigo pusilla.** Thwaite (A. M.)
Vertigo minutissima. Burgh Castle (A. M.)
Vertigo angustior. Aldeburgh (Cooper, in Journal of Conchology,
 Jan., 1896).

dele **Clausilia buplicata.**

- Achatina acicula.** *add* to localities—Aldeburgh (Cooper, as above).
Pupa marginata. *add* to localities—Landguard Fort (A. M.), between
 Thetford and Brandon (A. M.)