

Catalogue of the papers and correspondence of

**SIR CHARLES MAURICE YONGE FRS**

(1899-1986)

Compiled by Peter Harper and Timothy E. Powell

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The Natural History Museum, London

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#### GENERAL INTRODUCTION

#### PROVENANCE

The material was received in June 1990 from Lady Yonge via the Natural History Museum, London.

#### DESCRIPTION OF THE COLLECTION

The material is presented in the order given in the List of Contents. There is very substantial documentation of sixty years' research by Yonge in marine biology but regrettably virtually no personal or biographical material or records of his university career at Bristol and Glasgow. Material relating to the Great Barrier Reef Expedition which Yonge led 1928-29, and his continuing interest in the Reef thereafter, is to be found throughout the collection. Attention is drawn to Great Barrier Reef material in the following introductory paragraphs and the detailed catalogue entries.

Section A, Diaries, presents sequences of Glasgow University pocket diaries from 1952-53 and Edinburgh University pocket diaries 1970-83.

Section B, Notebooks, Documents a number of overseas visits and expeditions. There are five notebooks relating to the Great Barrier Reef Expedition including three kept entirely or principally by Yonge's first wife who died in 1945. Other overseas visits represented include the USA 1939 and 1956, Africa 1953 and 1962, Caroline Is. 1965 and Australia 1967.

Section C, Research, is by far the largest in the collection and documents Yonge's research on molluscs and coral reef ecology over six decades. There is a chronological sequence of research folders 1922-82 whose contents may include correspondence, notes, drafts, drawings, figures, photographs and printed matter. Folders containing drawings and figures only are presented in a separate sequence arranged alphabetically by subject or folder title. There are (incomplete) lists of Yonge's scientific papers at C.535.

Section D, Societies and Organisations, documents Yonge's association with a number of British and overseas organisations. The most substantial records are of the Royal Society and in particular of a joint Royal Society/Universities of Queensland expedition to the Great Barrier Reef in 1973. Yonge was chairman of the UK committee which oversaw financial and programme arrangements.

Section E, Correspondence, comprises general correspondence with scientific colleagues arranged chronologically and additional sequences kept together by Yonge on the Great Barrier Reef Expedition, 'Miscellaneous Hong Kong and Pacific Science' and Advances in Marine Biology.

Section F, Non-print material, provides important photographic records of Yonge's visits and expeditions including many not documented elsewhere in the collection. There is a comprehensive photographic record of the Great Barrier Reef Expedition including the photographs used in Yonge's 1930 book A year on the Great Barrier Reef. The section also includes maps of the Great Barrier Reef and a tape-recording 'Commentary of Lowe Island film'.

There is also an index of correspondents.

Peter Harper  
Timothy E Powell  
Bath 1991

SUMMARY OF THE CAREER OF C M YONGE

B. 1899

educ. Silcoates School, Wakefield

Edinburgh University

1922-24 Saxter Natural Science Scholar

1924-25 Carnegie Research Scholar

1925-27 Temporary Asst Naturalist, Marine Biological Assoc. Plymouth

1927-29 Balfour Student, Cambridge University

1928-29 Leader, Great Barrier Reef Expedition

1930-32 Physiologist, Marine Biological Assoc. Plymouth

1933-44 Professor of Zoology, Bristol University

1944-64 Regius Professor of Zoology, Glasgow University

1944-63 Pres. and Chm of Council Scottish Marine Biological Association

1946 Election to Fellowship of the Royal Society

1957 Conferral of C.B.E.

1965-70 Research Fellow in Zoology, Glasgow University

1967 Conferral of Knighthood

1968 Award of Darwin Medal, Royal Society

1970-86 Hon. Fellow in Zoology, Edinburgh University



SECTION A

DIARIES

A.1 - A.34

A. 1 - A.20 University of Glasgow pocket diaries 1952-53 - 1969-70,  
1977-78, 1979-80.

A. 1	1952-53	A.11	1962-63 (2)
A. 2	1953-54	A.12	1963-64
A. 3	1954-55	A.13	1964-65
A. 4	1955-56	A.14	1965-66
A. 5	1956-57	A.15	1966-67
A. 6	1957-58	A.16	1967-68
A. 7	1958-59	A.17	1968-69
A. 8	1959-60	A.18	1969-70
A. 9	1960-61	A.19	1977-78
A.10	1962-63 (1)	A.20	1979-80

Diaries

A.21 - A.33 University of Edinburgh pocket diaries 1970-71 - 1982-83.

A.21	1970-71	A.28	1977-78
A.22	1971-72	A.29	1978-79
A.23	1972-73	A.30	1979-80
A.24	1973-74	A.31	1980-81
A.25	1974-75	A.32	1981-82
A.26	1975-76	A.33	1982-83
A.27	1976-77		

A.34 Pocket diary 1985.

SECTION 2

NOTEBOOKS

B.1 - B.19

- B.1 Exercise book inscribed on front cover 'G. B. R. Expedition'.  
  
From the front are press-cuttings on the announcement of the Great Barrier Reef Expedition under Yonge's leadership, September 1927. At the back is an April 1927 press-cutting and an xmas poem in M. J. Yonge's (Mrs Yonge's) hand.
- B.2 Hardback pocket notebook inscribed on front page 'Mattie J. Yonge May 1928'. Most pages not used.  
  
Journal of outward journey to the Great Barrier Reef kept by M. J. Yonge, 28 May - 11 July 1928.
- B.3 Notebook used for journal by M. J. Yonge 26 May 1928, 26 June 1928 - 5 August 1929. Most pages not used.  
  
Some entries from 26 March 1929 are in other hands (including C. M. Yonge's), probably made during M. J. Yonge's absences from the Expedition base on Low Island. Also in the journal are typescript logs of cruises aboard the motor launch the 'Magnaeta', February and March 1929.
- B.4 'Letter & Order Book' inscribed on front cover 'Mattie J. Yonge' and used by her for journal 18 July - 2 September 1928 and 26 April - 25 May 1929. Paginated. Most pages not used.  
  
The top copies have been removed so only the carbon copies remain.
- B.5 Hardback pocket notebook inscribed on p.1 'Barrier Reef Expedition Trip to Torres Straits April-May 1929'. Paginated 1-96.  
  
Used pp.1-54 for notes on the trip by C. M. Yonge and from p.96 for notes on the literature by M. J. and C. M. Yonge.

Notebooks

- B.6            Pocket notebook used from the front for notes during visit to USA July-August 1939. At the back are notes on expenses.
- B.7            University of Glasgow hardback notebook inscribed on front page 'Millport [Marine Biological Station, Great Cumbrae] July-August 1946. 1947. July 1948.' Contents list. Paginated 1-114.
- Used for notes on Lamellibranchia. Ms and typescript notes loose at front.
- B.8            Hardback notebook inscribed on first page 'Mersula. May 14-30, 1951'. Contents list. Paginated 1-53.
- Used for notes on 'Pinctada', 'Arca etc', 'Spondylus', 'Perna', 'Siphonaria', 'Lithopega', 'Chama' and 'Petalion'. At back are brief notes on the literature. Loose at front are typescript notes entitled 'Gundlachia', loose at back are ms notes and drawings.
- B.9            Hardback notebook inscribed on first page 'Africa March 14 - April 19 1953'.
- Used from the front for journal of visit to East and West Africa, from the back for research notes made during visit. Loose at front is a list of Yonge's addressees during his visit.
- B.10           Spiral notebook inscribed on front cover 'California etc. Mar/April 1956'. Paginated 1-31.
- Used for notes on visit to 'La Jolla/Pacific Grove'.
- B.11           Hardback notebook inscribed on first page 'Singapore & Malaya July-Aug, 1956'. Most pages not used.
- Journal of visit to Singapore and Malaya with C F Rickling. Brief notes and references at back. Loose material intercalated includes itineraries.

Notebooks

- B.12            Hardback notebook used for notes on visit to East Africa, September 1962.
- Loose at front are typescript itineraries, loose at back are postcards from Nyasaland (later Malawi).
- B.13            Small cash book used from the front for notes on visit to East Africa, September 1962, and from the back for notes on 'Projected Kariha Lake Fisheries Research Institute'.
- B.14            Pocket 'Memo book' used from the back for miscellaneous notes, latest reference 1964. Most pages not used.
- B.15            Notebook inscribed on first page 'Research Notes "Te Vega" Jan-Mar.1965'. Paginated 1-48. Contents list at back.
- Notes made during visit on board the 'Te Vega' to Palau Gaya (Caroline Is.) 1-8 February. Loose notes at front and back.
- B.16            Notebook used for notes on the 'Te Vega' expedition to the Caroline Is. Most pages not used.
- Used from the front for list of expedition members and journal 9 January-17 February 1963, from the back for notes on 'Study of "Clan Red" bet. P Gaya and P Tateger', 30 January - 3 February. Loose material at front.
- B.17            Hardback pocket notebook used from the front for notes on visit to Spain, and from the back for miscellaneous addresses, bibliographical references (latest reference 1966), note of expenses on visit to Princeton and New York, notes on 'Sand at La Jolla'.
- B.18            Spiral notebook used for notes on visit to Australia September-October 1967. Itinerary on first two pages. Includes visits to 'Yonge's Reef'.

Notebooks

B.19

Hardback notebook inscribed on first page 'Jamaica  
Mar.25 - April 5, 1970'. Most pages not used.  
Contents list at front.

Notes on visit to Jamaica 1970 with later annotations  
(latest date August 1972). List of addressees at back.  
Drawing loose at front.

SECTION C

RESEARCH

C.1 - C.540

This section comprises very extensive documentation of sixty years' research in marine biology. The material was found in Yonge's often very bulky folders with ms and/or typescript titles and descriptions of contents. The bulky folders have been divided for ease of reference and the titles used in the catalogue entries. The contents of Yonge's folders may include correspondence, notes on the literature, field observations, experimental data, drafts of scientific papers and lectures, drawings, figures, photographs and printed matter. As far as possible Yonge's folders are arranged in a chronological sequence although some of the dating is necessarily tentative and folders may cover a considerable number of years. Folders containing figures and drawings only are presented in a separate sequence arranged alphabetically by subject or title. In addition to the folders Yonge used index cards for listing his scientific papers, the addresses of colleagues, bibliographic information etc., and these conclude the section. The incomplete bibliography on index cards at C.535 was the best available at the time of cataloguing and was used in compiling the catalogue entries.

The material is presented as follows:

C.1 - C.408	Research folders
C.409- C.417	Undated research folders
C.418- C.534	Drawings and figures
C.535- C.540	Index cards

Research

Research folders

'Anti-fouling work'

- C.1 Correspondence and receipts re anti-fouling work, 1922, 1925-27.

Yonge carried out research at the Plymouth Laboratory of the Marine Biological Association, sponsored by the Committee of the Institution of Civil Engineers on Deterioration of Structures exposed to Sea-Action and supervised by G Barger, University of Edinburgh.

'Lamellibranchia Myacea Mya'

- C.2 Me notes, drawings, and galley proof of 'Studies on the comparative physiology of digestion. I. The mechanism of feeding, digestion, and assimilation in the lamelli-branch Mya'. Br. J. exp. Biol., 1 (1923).

'Lamellibranchia'

- C.3 Notes on feeding, proof of 'The digestive diverticula in the Lamellibranchia', Trans. R. Soc. Edinb., 54 (1926).
- C.4 Notes on the literature: letters from V C Nelson 1939-40, draft paper on 'Development of gills in Lamellibranchia', latest bibliographical reference 1939.



Research

- C.5 Notes for lectures on 'Aspects of evolution within the Lamelliibranchia'; draft of 'Digestion of Animals by Lamelliibranchs' Nature, 157 (1946); draft of 'Formation of siphons in Lamelliibranchia' Nature, 161 (1948); request from Zoological Society of London for report on paper, 1954.

'Bivalvia Ostracidae'

- C.6 - C.8 Mss and proofs, one dated 1928. 3 folders.

- C.9 Reprints.

- C.10 Letters from N B Newell, 1958 and L R Cox, 1958, 1960-61, etc.

'Lamelliibranchia Cardiacea Tridacnidae'

- C.11, C.12 Data, notes on the literature, drawings, drafts. 2 folders.

Some experimental work dated in 1929 (Great Barrier Reef Expedition).

- C.13 Correspondence 1935-37, 1941.

Research

'Gastropoda Vernetus: Pterocera'

- C.14 Records of experiments, 1929 (Great Barrier Reef Expedition); correspondence 1931, 1932.
- C.15 Draft 'Notes on feeding and digestion in Pterocera and Vernetus, with a discussion on the occurrence of the crystalline style in the gastropoda' Sci. Rpt. Gt. Barrier Reef Exped., Brit. Mus. (Nat. Hist.), I (1932).
- C.16 Draft 'On the mantle cavity, pedal gland, and evolution of mucous feeding in the vermetidae' (with E J Iles), latest bibliographical reference 1930.
- C.17 Drawings and figures.

'Technical methods'

- C.18 Notes, printed matter, bibliographic references, various dates 1929-60.

'Laelelibranchia Adesmeacea Xylophagidae: Teridinidae'

- C.19 Experimental results and (1920s); printed item 1940.

'Great Barrier Reef Expedition'

- C.20 Line drawings A year on the Great Barrier Reef, 1930.
- C.21 Proof plates,

Research

'Great Barrier Reef Expedition'

- C.22 Draft 'Respiration of corals in relation to photosynthesis of their contained zooxanthellae'. See Sci. Rep. Gt. Barrier Reef Exped., 1928-29, I (1932).
- C.23 Draft of lecture on Great Barrier Reef of Australia, nd.

'Mollusca'

- C.24 Notes on axes of growth, evolution of Lamellibranchia; draft 'On the size attained by the crystalline style', Proc. malac. Soc. Lond., 20 (1932), etc.
- C.25 Draft 'Functional interpretation of Molluscan structure', Proc. malac. Soc. Lond., 25 (1943); report on work on deposit feeding lamellibranchs, 1948; notes for seminar on molluscs, 1949; draft paper on variable forms assumed by modern Mollusca in terms of axes of polarity, nd.

'Gastropoda      Prosobranchia      Shell Form and Currents'

- C.26, C.27 Notes, drawings, reprints by others. Some of the notes on back of University of Bristol examination papers June 1933. 2 folders.

Research

Untitled

- C.28, C.29 Correspondence, research records, notes on the literature, draft papers, re zooxanthellae and coral ecology, etc. Correspondence is dated 1935 and 1938, Yonge's draft papers c.1963 and 1964 (latest bibliographical references). 2 folders.

'Miscellaneous'

- C.30 Draft paper 'Some genetical problems presented by sessile coelenterates', latest bibliographical reference 1935.
- C.31 Correspondence with University of California Press re 'Studies on Pacific coast mollusks' papers, 1951-52.
- C.32 Draft on the limpet form in Gastropods 5 September 1953; report on research by W Russell Hunter in Jamaica Spring 1954; 'Comments by C M Yonge on paper by J Brooks Knight' nd; notes on the literature etc.
- C.33 Agenda for annual meeting of Association of British Zoologists 1961; agenda for Symposium on Mollusca 1964; memo and list of those attending Anniversary Dinner of the Geological Society of London 1969 (Yonge was guest of honour).
- C.34 Figures.

Research

'Cephalopods'

C.35 Notes on the literature, letter from A. M. Bidder 1936.

C.36, C.37 Drawings and figures. 2 folders.

'Lamellibranchia Monomyarian condition, etc'

C.38 Proof copy 'The evolution of the swimming habit in the lamellibranchia' 1936.

C.39, C.40 Notes etc. 2 folders.

C.41 Figures.

'Lamellibranchia Protobranchia'

C.42 Drawings Leda and Solenocorys, nd.

C.43 Records of research on Lamulus (Leda) Palla, 1938; records of research on alimentary canal, stomach, gut of protobranchia, nd.

C.44 Records of research on Nucula, 1937.

C.45 Records of research on Malletia and Portlandia, nd.

C.46 Notes headed 'Protobranchia' and 'Rev. Soc. 4:iv:39'; drawings and figures etc.

Research

- C.47                   Draft 'The status of the Protobranchia in the Bivalve Mollusca', Proc. malac. Soc. Lond., 33 (1959).
- This was Yonge's contribution to a discussion meeting of the Malacological Society 27 February 1959.
- Folder also includes notice of meeting, correspondence re arrangements, etc.
- C.48                   Draft paper 'Observations on the Mantle/Shell of Solenys Parkinsoni by G E Beedham and Gareth Owen, figures and correspondence 1964.
- 'Lamellibranchia      Protobranchia'
- C.49                   Correspondence re paper on the protobranchiate mollusca communicated to the Royal Society, 1938-39; summary of paper.
- For draft paper see C.52, C.53.
- C.50                   Notes on the literature.
- C.51                   'Protobranchia microphotos'.
- 'Lamellibranchia      Protobranchia'
- C.52, C.53           Draft 'The Protobranchiate Mollusca: a functional interpretation of their structure and evolution'. Phil. Trans. R. Soc., B.230 (1939). 2 folders.

Research

'Mollusca Scaphopoda'

- C.54 Notes; draft paper 'Circulation of water in the mantle cavity of Dentalium entalis', Proc.malac. Soc. Lond., 22 (1937); draft paper 'The formation of siphonal openings by Thracia pubescens', probably also published by the Malacological Society in 1937. Both draft papers are inscribed 'read 12 February 1937'.

'Mollusca Sp. Gastropoda Oeghradium'

- C.55 Notes; draft paper 'On the possible function of the Oeghradium in the Gastropoda' 1937.

'Gastropoda Aporrhais'

- C.56 Notes; draft paper 'The Biology of Aporrhais pes-pelecani (L.) and A. verruciana (Mich.)'. J. mar.biol. Ass. U.K., 21 (1937).
- C.57 Figures.
- C.58 Draft paper on Aporrhais Occidentalis by F E Perron with covering letter 1977.

'Gastropoda Capulus - ciliary feeding'

- C.59 Notes; draft paper 'Evolution of ciliary feeding in the prosobranchia, with an account of feeding in Capulus Ungericus', J. mar. biol. Ass. U.K., 22 (1938)
- C.60 Figures.

Research

'Gastropoda    Aspidobranchia'

- C.61            Correspondence with R Elshirst (Scottish Marine Biological Association, Millport), 1938 and R Winckworth 1938, 1942.
- C.62            Notes on Haliotis, Diodora.
- C.63            Notes on Puncturella, Esarginula.
- C.64            Notes on Acmaea, Helcion.
- C.65            Notes on Patella, Ducoglossa.
- C.66            Notes on Trochaea, Theodoxus (Meretina)
- C.67            Notes on Valvata, Ctenidia
- C.68            'Aspidobranch Gastropoda,    Extracts of Papers'

'Gastropoda    Tridachia crispata'

- C.69            Notes; draft paper (by H M Nicholas) on general anatomy of Tridachia crispata, June 1938.
- C.70            Draft paper (with H M Nicholas) 'Structure and function of the gut and symbiosis with zooxanthellae in Tridachia crispata (Oerst.) Sph'; letter re publication in Papers from the Tortugas Laboratory 1939.
- C.71, C.72       Figures.    2 folders.



Research

'Gastropoda miscellaneous'

- C.73 Notes; correspondence 1938; draft paper 'Ciliary currents in the mantle cavity of the Atlantidae', Q. Jl. microsc. Sci., 83 (1942).
- C.74 Draft paper 'On the habits of Turritella communis Risso', J. mar. Biol. Ass. U.K., 26 (1946).
- C.75 Figures.

'Tanganyika Molluscs'

- C.76 Notes; correspondence 1939; draft paper 'The proechinarchs of Lake Tanganyika', Nature, 142 (1938).

'Mollusca Loricata'

- C.77 Notes
- C.78 Draft paper 'On the mantle cavity and its contained organs in the Loricata (Asphineura)', Q.Jl. microsc. Sci., (1939)
- C.79 Figures.
- C.79A Untitled

Miscellaneous notes, drafts, etc. Includes drafts by L Harrison Matthews, latest bibliographical reference 1941, and T E Thompson, latest bibliographical reference 1965; publication lists of R Robertson 1957-67 and J D Taylor 1966-71, etc.

Research

- 'Laeelibranchia    Myacea    Alcidis (Corbula)'
- C.80                Notes and drawings.
- C.81                Draft paper 'On the habits and adaptations of Alcidis (Corbula) Gibba' J. mar. biol. Ass. U.K., 26 (1946)
- 'Saxicavacea    Hiatella'
- C.82                Letter 1943; notes and drawings including Panonya 1959.
- C.83                Notes and drawings.
- C.84, C.85                Draft paper 'On functional morphology and adaptive radiation in the Saxicavacea (Hiatella, (Saxicava), Saxicavella, Panonya, Panope, Cyrotodaria)', Malacologia, 11 (1971).    2 folders.
- 'Panope'
- C.86                Notes, drawings, figures, letter, etc.    Items dated 1948, 1959, 1969.
- 'Laeelibranchia    Matrocea    Spisula    Lutraria'
- C.87                Notes, drawings, figures.

Research

- C.88      Draft paper 'Cleansing mechanisms and the function of the fourth pallial aperture in Spisula Subtruncata (De Costa) and Lutraria Lutraria (L.)'; proof copy dated 1948.
- C.89      Draft paper 'Ligamental structure in Mactracea and Myacea (Mollusca: Bivalvia)'; proof copy 1981.
- 'Lamellibranchia    Tellinacea    Donax → Solecurtus'
- C.90 - C.94      Notes, drawings, etc. 1948.    5 folders.
- C.95      Draft paper 'On the structure and adaptation of the Tellinacea, deposit-feeding Lamellibranchia'  
Phil. Trans. R. Soc. Lond., B.234 (1949).
- C.96, C.97      Figures.    2 folders.
- 'Lamellibranchia    Adansacea    Pholadidae'
- C.98      Notes 1949.
- 'Lamellibranchia    Isocardioacea    Chama    Isocardia'.
- C.99      Notes and drawings 1949.
- 'Lamellibranchia    Myacea    Cryptomya'
- C.100      Notes and drawings [?1949]; draft paper 'Studies on Pacific Coast Mollusks. I. On the structure and adaptations of Cryptomya californica (Conrad)', Univ. Calif. Publ. Zool., 55 (1951); figures.

Research

- 'Lamellibranchia      Myacea      Platyodon'
- C.101      Notes and drawings 1949.
- C.102      Draft paper 'Studies on Pacific Coast Mollusks. II. Structure and adaptations for rock boring in Platyodon cancellatus (Conrad)'. Univ. Calif. Publ. Zool., 55 (1951); figures.
- 'Lamellibranchia      Pectinacea      Hinnites'
- C.103      Notes and drawings. [ ?1949]; Draft paper 'Observations on Hinnites multirugosus (Gale)' probably no.III in the Studies on Pacific Coast Mollusks series (1951).
- C.104      Photographs; figures.
- 'Lamellibranchia      Solenacea      Siliqua'
- C.105      Notes and drawings [ ?1949 ]
- C.106, C.107      Draft paper 'Studies on Pacific Coast Mollusks. IV. Observations on Siliqua patula Dixon and on Evolution within the Solenidae'. Univ. Calif. Publ. Zool., 55 (1952). 2 folders.
- C.108, C.109      Figures. 2 folders.

Research

'Automalodesmata Lyonsiidae'

- C.110 Notes and drawings, including Entodema saxicola and Mytilimeria 1949.
- C.111 Draft paper 'Studies on Pacific Coast Mollusks. V. Structure and adaptation in Entodema saxicola (Weird) and Mytilimeria nuttalli Conrad. With a discussion on evolution within the family Lyonsiidae (Eulamellibranchia)', Univ. Calif. Publ. Zool., 55 (1952)
- C.112 Correspondence 1974-76 and nd.
- C.113 Draft paper 'Primary and secondary ligaments with the Lithodema in the Lyonsiidae (Bivalvia: Pandoracea)', J. mollusc. Stud., 42 (1976).
- C.114 - C.117 Figures Entodema, Mytilimeria, Ligament in Lyonsiidae. 5 folders.

'Lamellibranchia Erycinacea Kellia'

- C.118 Notes and drawings [1949], 1975.
- C.119 Draft paper 'Studies on Pacific Coast Mollusks. VI. A note on Kellia isperoussi (Deshayes)', Univ. Calif. Publ. Zool., 55 (1952).
- C.120 Figures.

Research

'Lamellibranchia    Myacea    Sphenia'

C.121                Notes, drawings, correspondence 1949-51.

C.122                Draft paper 'Observations on Sphenia binghami Turton',  
J. mar. Biol. Ass. U.K., 30 (1951); figures.

'Bivalvia    Ligament and Dentition'

C.123                Notes on mantle and mantle edge in Mollusca, ligament  
etc.

C.124                Correspondence 1949, 1951-52.

C.125                Draft paper 'Origin and evolution of the ligament in  
Lamellibranchia', latest bibliographical reference  
1951; proof copy of paper (with G. Owen and E.R. Truelsen)  
'The ligament in the Lamellibranchia', Nature, 171 (1953).

C.126                Drawings and figures.

'Gastropoda    Hipponix'

C.127, C.128        Notes and drawings 1949.    2 folders.

C.129                Correspondence 1953.

C.130                Draft paper 'Observations on Hipponix antiquatus (Linnaeus)',  
1953.

Research

C.131, C.132      Figures.    2 folders.

C.133              Photographs.

'Lamellibranchia    Mytilacea    Botula/Lithophaga'

C.134-C.138      Notes, drawings, drafts, correspondence, 1949, 1951.  
3 folders.

C.139              Draft paper 'Adaptation to rock boring in botula and  
lithophaga (Lamellibranchia, Mytilidae) with a  
discussion on the evolution of this habit',  
Q. Jl. microsc. Sci., 96 (1955).

C.140-C.142      Figures.    3 folders.

'Lamellibranchia    Veneracea    Petrocolidae    Transennella

C.143              Notes and drawings 1949.

C.144              Draft paper 'Observations on Petricola carditoides (Conrad)',  
Proc. malac. Soc. Lond., 33 (1958); figures.

'Rock Borers    Bivalvia, etc.'

C.145              Notes of observations 1949; reprints 1955, 1963.

C.146              Draft paper 'Rock boring organisms', latest bibliographical  
reference 1962; draft paper 'Rock borers', *nd*.

Research

'Mollusca Periostracum'

- C.147 Notes on 'Interpretation of Lamellibranch structure' 1950; draft on 'The periostracum', latest Bibliographical reference 1952, etc.

'Bivalvia Adamacea Terebrinidae'

- C.148 'Report on infection of dock piles at Cairnryan by marine wood boring organisms'; correspondence 1951-52.

'Gastropoda Pulmonata Siphonaria Trisacculus'

- C.149 Notes on Siphonaria; brief correspondence 1951-52.
- C.150 Draft paper 'The mantle cavity in Siphonaria alternata Say'. Proc. malac. Soc. Lond. (1952).
- C.151 Siphonaria figures.
- C.152 Draft paper 'Observations in life on the pulmonate liaspet Trisacculus (Gedinia) reticulatus (Sowerby)', 'read 13 December 1957'.
- C.153 Trisacculus figures.
- C.154 Gedinia photographs.



Research

'Tellinacea    Pharus legumen'

- C.155                      Correspondence 1951, 1952, 1957.
- C.156                      Notes and drawings, [1951], 1952, 1957.
- C.157                      Draft paper 'On the structure, biology and systematic position of Pharus legumen (L.)', J. mar. biol. Ass. U.K., 38 (1958).
- C.158                      Figures.

'Tridacnidae'

- C.159                      Draft paper 'Mantle chambers and water circulation in the Tridacnidae. (Mollusca)', 'received 8th October 1952'.
- C.160                      Correspondence 1974, 1975; photographs etc. Includes material relating to 1975 Scientific American article on giant clams. See also C.339.

'Bivalvia    Pteriacea    Pinnidae'

- C.161                      Correspondence 1953.
- C.162-C.164                Notes, drawings, figures.    3 folders.
- C.165                      Draft paper 'Form and habit in Pinna carnea Gmelin', Phil. Trans. R. Soc. Lond., B.237 (1953).

Research

'French oyster and mussel beds, etc'

Material relates to International Council for the Exploration of the Sea Special Scientific Meeting 'Oyster and Mussel Culture', Paris, October 1954, and tour of the centres of oyster and mussel culture.

- C.166 Programme of proceedings, expenses, guide to the tour of the centres of oyster and mussel culture, miscellaneous memorabilia, etc.
- C.167 Photographs 'Mussel culture Baie de l'Aiguillon'.
- C.168 Photographs 'Mussel culture Aiguillon'.
- C.169 Photographs 'Oysters and mussels Millar'.
- C.170 Photographs 'Cleansing basins, etc. Arcachon'.
- C.171 'French oyster trip. 1954. Photos by Dr H Vilela'.
- C.172 Negatives.
- C.173 Postcards.
- 'Mollusca Shell form'
- C.174 Correspondence with L R Cox, 1954.

Research

'Mollusca Treatise: Invertebrate Palaeontology'

- C.175 Correspondence with editor R C Moore 1954-57.  
C.176 Correspondence with L R Cox 1955-57.  
C.177 Miscellaneous correspondence with colleagues 1955-57.  
C.178 Copies of correspondence between Cox and J Brookes Knight 1955-57.  
C.179, C.180 Drafts, figures. 2 folders.  
C.181 Translation of paper by H Hoffman (Jena) on the phylogeny of mollusca.

'Mollusca Treatise of Invertebrate Palaeontology'

- C.182 Correspondence with editor R C Moore and L R Cox 1959, 1961.  
C.183 Drafts, proofs.  
C.184 Figures.

'Stirps Arcacea Fam. Arcidae Arca (Senilia) Senilia'

- C.185 Draft paper 'A note on Arca (Senilia) Senilia', Proc. Malac. Soc. Lond., 31 (1955).  
C.186 Drawings and figures.  
C.187 Photographs.

Research

- C.187A      'Notes: Prather lectures Harvard'
- Notes for lecture 1 on coral reefs and lecture 5  
on form and adaptation.
- Yonge was the Prather lecturer for 1957.
- 'Trigonia'
- C.188      Draft 'Trigonia: a living fossil', Nature, 179 (1957):  
notes and drawings.
- 'Enigmonia'
- C.189-C.192      Nature article 1957, notes, drawings, figures including  
items dated 1969, 1975. 4 folders.
- Material may relate to paper 'Form and evolution in the  
Anoniacea (Mollusca: Bivalvia) - Pododemus, Anomia, Petro,  
Enigmonia (Anoniidae); Placunenomia, Placuna (Placunidae  
Pan.Nov.)', Phil. Trans. R. Soc. Lond., B.276 (1977).
- 'Arcacea'
- C.193      Drawings, notes.
- C.194      Draft headed 'Glycymeris' and dated 14 April 1958: figures.
- C.195      Correspondence 1980-81.

Research

'Cyrtodaria'

- C.196 Notes, drawings, correspondence 1959, 1960.

'Limpets'

- C.197, C.198 Correspondence, notes, drawings 1959, 1960. 2 folders.  
Relates to work at the Friday Harbor Laboratory,  
University of Washington and the Hopkins Marine Station,  
Pacific Grove.
- C.199 Draft paper 'Mantle cavity, habits, and habitat in  
the blind limpet, Lepeta concentrica Middendorf' for  
Proc. Calif. Acad. Sci.
- C.200 Draft paper 'Further observations on Hipponeis antiquatus  
with notes on North Pacific pulmonate limpets' for  
Proc. Calif. Acad. Sci.

'Anoniacea Pododermus'

- C.201- C.204 Notes and drawings including work at Friday Harbor 1959.  
4 folders.
- C.205 Correspondence with D B Quayle 1962, 1969, 1971.
- C.206 Figures.

'Heteranomia'

- C.207 Notes, drawings, correspondence 1959-60, 1977.

Research

- 'Bivalvia - Cementation      Classification'
- C.208      Notes including Hinnites Pacific Grove 1960; correspondence 1977, 1980; figures; 'revised bivalve classification', etc.
- 'Gastropoda      Archaeogastropoda      Acmaeidae'
- C.209      Correspondence 1960-61, notes and drawings.
- C.210      Draft paper 'Ciliary currents in the mantle cavity of species of Acmaea'.
- C.211      Negatives.
- 'Trichotropis'
- C.212      Correspondence 1960-62.
- C.213-C.215      Notes and drawings. Items dated 1959 and 1960. 3 folders.
- C.216      Proof copy of paper 'On the biology of the mesogastropod Trichotropis cancellata Hinds, a benthic indicator species', Biological Bulletin (1962).
- C.217, C.218      Figures. 2 folders.

Research

- 'Unionacea Etheriidae'
- C.219 Correspondence 1960-61.
- C.220 Notes and Drawings.
- C.221, C.222 Draft paper 'On Etheria elliptica Lam. and the course of evolution, including assumption of monomyarianism, in the family Etheriidae (Bivalvia: Unionacea)' Phil. Trans. R. Soc., B.244 (1962). 2 folders.
- C.223-C.225 Figures. 3 folders.
- 'Anomiacea General'
- C.226-C.229 Notes, Drawings, figures. 4 folders.
- C.230 Correspondence 1962, 1970-75.
- 'Bivalvia Byssus'
- C.231 Notes including 'R. B. Purchon - scheme for research on Byssus of lamellibranchia'.
- C.232 Draft paper 'On the primitive significance of the byssus in the bivalvia and its effects in evolution', J. mar. biol. Ass. U.K., 42 (1962).
- C.233 Figures.

Research

'Fungiacava'

- C.234-C.239 Correspondence with T F Goreau, University of the West Indies, Jamaica, and others, 1962-69.
- C.234 1962-64.
- C.235 1965. Includes material re proposed UWI marine laboratory.
- C.236 1966. Includes Goreau's cv and list of publications.
- C.237 1967 January - June.
- C.238 1967 July - December.
- C.239 1968-69.
- C.240 Drawings, figures, photographs.

'Fungiacava'

- C.241 Correspondence with H. Soot-Ryen, 1965-69.
- C.242 Correspondence with T F Goreau 1968, G Vevers 1971.
- C.243, C.244 Draft paper 'On Fungiacava eilatensis n. gen. n.sp., a new commensal mytilid opening into the coelenteron of Fungia Scutaria' by T F Goreau, N I Goreau, T Soot-Ryen and C M Yonge. J. Zool., 158 (1969). 2 folders.
- C.245 Drafts by Soot-Ryen and the Goreaus for the 1969 paper.



Research

- C.246            Draft paper 'On the mode of boring in Pungiacava  
cilatensis (Rivalvia, Mytilidae)' by T F Goreau,  
M I Goreau and C M Yonge. J. Zool., 166 (1972)
- C.247-C.249     Drawings and figures.    3 folders.
- 'Tridacnidae'
- C.250-C.257     Figures, plates, photographs etc.    8 folders.
- Includes proof copy of paper 'Mantle chambers and  
                 water circulation in the Tridacnidae', Proc. zool.  
Soc. Lond., 123 (1953), photographs taken by T F Goreau  
1967, 1968, figures etc., re paper by Yonge and M I and  
T F Goreau, J. Zool., 169 (1973) and re paper by Yonge  
on coral reefs, Trans. R. Soc. Edinb., 69 (1974).
- 'Chama'
- C.258            Correspondence with L R Cox 1963, R J Cleavelly 1966.
- C.259-C.261     Notes and drawings.    1 folders.
- C.262            Photographs.
- 'Saxicavella'
- C.263            Correspondence re specimens with N A Holme, 1963, 1964;  
                 reprints by Holme.
- C.264            Drawings, photographs.

Research

'Dreissenia'

- C.265 Correspondence 1964, 1967, draft, figure, negative, etc.

'Bivalvia Pteriacea Malleus & Isognomon'

- C.266, C.267 Notes, drawings, etc. 2 folders.

Relate to work during the Ta Vega expedition cruise 6 1965.

- C.268 Correspondence 1968 re publication.

- C.269 Draft paper 'Form and habit in species of Malleus (including the "Hammer Oysters") with comparative observations on Isognomon isognomon' for Biol. Bull. mar. biol. Lab., Woods Hole.

- C.270, C.271 Figures. 2 folders.

- C.272 Photographs, slides, negatives.

'Cardita'

- C.273 Correspondence 1965, 1968-69. Relates to paper 'Functional morphology and evolution within the carditacea (Bivalvia)', Proc. malac. Soc. Lond., 38 (1969).

- C.274-C.277 Notes, drawings, figures. 4 folders.

Research

'Pectinacea Pedum'

C.278 Letter dated 1967, notes and drawings.

C.279 Figures.

'Bivalvia Heteromyarianism Dreissena Mytilidae'

C.280 Draft paper 'On the heteromyarian condition in the Bivalvia with special reference to Dreissena polymorpha and certain Mytilacea' by Yonge and J I Campbell. Phil. Trans. R. Soc. Lond., B.253 (1968).

C.281 Notes, drafts, drawings, figures re Dreissena, Mytilids.

C.282 Correspondence re Modiolus 1973.

C.283 Draft paper 'The "Mussel" form and habit'. In Marine mussels their ecology and physiology ed. B L Bayne (1976).

C.284 Figures.

'Corals and coral reefs'

C.285 Programme, correspondence re Symposium on 'The ecology of coral reef fishes', March 1969, etc.

C.286 Draft paper 'The nature of reef-building (Hermatypic) Corals', latest bibliographical reference 1970.

Research

- C.287                      Draft paper 'Aspects of productivity in coral reefs'.  
Proc. Symp. Corals & Coral Reefs 1969, Mar. Biol. Ass.  
India (1972).

- C.288                      Draft paper 'Production of particulate organic matter  
by a reef on Kavaratti Atoll (Laccadives) by S.Z. Qasim  
and V.N. Senkaranarayanan.

'Plicatula'

- C.289, C.290              Correspondence 1969, notes and drawings.    2 folders.

Relate to 1973 paper.    See also C.291, C.292, C.320,  
C.321.

'Pectinacea      Spondylus'

- C.291, C.292              Correspondence 1969, 1973, notes and drawings.  
2 folders.

Relate to 1973 paper 'Functional morphology with particular  
reference to hinge and ligament in Spondylus and Plicatula  
and a discussion on the relations within the superfamily  
Pectinacea (Mollusca: Bivalvia)'. Phil. Trans. R. Soc.  
Lond., B, 267.    See also C.289, C.290, C.320, C.321.

Research

- 'Leptocoenochus' spp. from Fungia spp. "Te Vega" '  
C.293 Notes, drawings, photograph etc. Printed item dated  
January 1970.
- 'Clavageces'  
C.294 Letter 1970; notes.
- C.295, C.296 Printed matter including H. de Lacaze-Duthiers  
Morphologie des Acephales. 2 folders.
- 'Mytilacea' Fungiaceva'  
C.297 Letter 1971, notes.
- C.298 Draft paper 'On feeding and nutrition in Fungiaceva  
silatensis (Bivalvia, Mytilidae), a commensal living  
in fungiid corals' by Yonge, T F Goresau, M I Goresau  
and F Neumann. J. Zool., 160 (1970).
- C.299 Figures, plates.
- 'Fungiid coral Lizard Island Dec. 1975'  
C.300, C.301 Notes, drawings, drafts. 2 folders.
- C.302 Correspondence 1970.

Research

- C.303, C.304 'Tortugas Photos (including exper. corals) Bahamas'  
2 folders.
- C.305 Reprints
- C.306 Miscellaneous
- 'Reef-building Corals'
- C.307, C.308 Correspondence 1971; draft paper 'The nature of reef-building (hermatypic) corals', Bull. mar. Sci., 23 (1973), 2 folders.
- 'Corals and Molluscs Presidential Address  
Royal Soc. Edinburgh 1973'
- C.309 Draft paper 'Reef corals: autotrophs or heterotrophs?'  
by T.F. Goreau, N.I. Goreau and C.M. Yonge; correspondence  
1971.
- C.310 Draft paper 'Coral reefs and molluscs' Trans. R. Soc.  
Edinb., 69 (1974).
- C.311 Figures.
- 'Tridacnidae Goreau, Goreau & Yonge Plates I - X  
(for reproduction, not to be circulated to referees)  
Originals 63/72 Goreau N.I. & T.F. & Yonge C.M'
- C.312-C.316 Plates, notes, drafts, letter 1971 etc. 5 folders.

Research

'Tridacna Fankboner'

- C.317 Correspondence with P.V.Fankboner 1971; grant application 1972; draft by Fankboner.
- C.318 Photographs.

'Fusgiacava Further information'

- C.319 Notes, reprint (1972), photographs.

'Spondylus, Plicatula'

- C.320, C.321 Draft paper 'Functional morphology with particular reference to hinge and ligament in Spondylus and Plicatula and a discussion on relations within the superfamily Pectinacea (Mollusca: Bivalvia)', Phil. Trans. R. Soc. Lond., B.267 (1973). 2 folders. See also C.289-C.292.

'Unionacea Etheriidae Acostas'

- C.322 Correspondence 1973-77.
- C.323 Notes, drawings, draft.
- C.324 Proof copy 'On the monosyllarian, Acostas rivoli (Desh.) and the evolution in the family Etheriidae (Bivalvia: Unionacea)' J. Zool., 184 (1978).

Research

- C.325            Figures.
- C.326            Photographs.
- 'Bivalvia    Ligament'
- C.327            Notes, latest bibliographical reference 1973.
- 'Thraciidae etc.'
- C.328            Correspondence 1974, 1978-79.
- C.329            Drafts, notes, drawings.
- C.330, C.331    Figures.    2 folders.
- C.332            Reprints.
- 'Early Bivalvia'
- C.333            2pp draft (incomplete) 'The monoxaridian condition in  
the Bivalvia ', reprints 1974-81.
- 'Anomalodesmata    "Septibranchs" '
- C.334            Draft paper on 'classification of the septibranchs', etc.,  
latest bibliographical reference 1974.
- C.335            Figures.



Research

'N.E.R.C. grants'

- C.336-C.338 Correspondence and papers re NERC grants for Yonge's research, 1975-83. 3 folders.

'Tridacna Article Scientific American'

- C.339 Correspondence etc re article 1975: reprint of article 'Giant Clams', Scientific American, 232 (April 1975); letter 1976 proposing further article.

'Tridacna Cardium, Hippopus'

- C.340-C.344 Notes, drawings, figures, including Hippopus notes 1975, 1978. 5 folders.
- C.345 Draft paper 'Functional morphology and evolution in the Tridacnidae (Mollusca: Bivalvia: Cardiacea)', Records of the Australian Museum, 23 (1981).

'Tridacnidae'

- C.346 Notes including 'AIMS [Australian Institute of Marine Science] Jan/Feb.1978'.

'Cardiacea Benidonax'

- C.347 Correspondence 1976-79.
- C.348 Drawings.

Research

- C.349 Draft paper 'The taxonomic position of *Hemidonax* Mörch, 1871 with a review of the genus (*Bivalvia*: *Cardiacea*)' by Yonge, W F Ponder, P H Colman and M H Colman.
- 'Cardiacea Cardiidae Cerculum'
- C.350 Correspondence 1976, 1980, 1982.
- C.351 Notes, drawings, figures.
- C.352, C.353 Photographs. 2 folders.
- C.354 Negatives.
- C.355 Reprints.
- 'loans, etc. Annelodeumata Cardiacea'
- C.356 Correspondence and papers 1976, 1977, 1979, 1981.
- 'Anomiacea Placuna Placunanomia'
- C.357, C.358 Notes, drawings etc. 2 folders.
- Relate to paper on form and evolution in the Anomiacea, Phil.Trans.R.Soc.Lond., B.276 (1977).

Research

'Dinnyidae + Plicatula'

- C.359-C.362 Correspondence 1977-78; notes, drawings, figures.  
4 folders.
- C.363 Reprint 'The status of the Plicatulidae and the  
Dinnyidae in relation to the superfamily Pectinoidea  
(Mollusca: Bivalvia)', J. Zool., 176 (1975);  
Abstract of symposium paper 'On the Dinnyidae and  
Plicatulidae - proposed superfamily Plicatulacea',  
Sydney, May 1979.
- C.364 Draft paper 'On the Dinnyidae (Mollusca: Bivalvia)  
with special reference to Dinny corrugata Hedley  
and Basiliospa goreau Beyer', J.mollusc.Stud., 44  
(1978).

'Miscellaneous unclassified'

- C.365 Draft paper 'The ligament in certain "Anisomyariae" ',  
Malacologia, 16 (1977).
- C.366 Draft paper 'Cementation in the bivalvia' in Van der  
Spoel, S., van Bruggen, A.C. & Lever, J. (eds.)  
Pathways in malacology (1979).
- C.367 Letter from P. Heard, 1 September 1981, enclosing  
his draft paper on 'The adaptation of post larval  
mussels to settlement'.
- C.368 Figure, drawing.

Research

'Placuna'

- C.369 Fieldnotes Philippines May 1978; correspondence 1978, 1979, 1981; draft on 'Mindow-pane harvest'; reprint.

'Bemipesten N.Australia'

- C.370 Correspondence 1978-80; drawings, etc.

- C.371 Photographs.

'Arcacea Trisidos'

- C.372 Correspondence 1978, 1980; notes and drawings.

- C.373 Draft paper by R D K Thomas on limitations of arcoid evolution, latest bibliographical reference 1978.

- C.374, C.375 Draft paper by B Morton on twisting in Trisidos, latest bibliographical reference 1981. 2 folders.

- C.376, C.377 Figures. 2 folders.

- C.378 'Trisidos' negatives.

- C.379, C.380 Reprints. 2 folders.

Research

'Anomalodemata Mysidra Cleidothaerus'

- C.381 Draft paper 'Ligament and Lithodema in the Lyonsiidae, Pandoridae, Myochanidae and Cleidothaeridae (Pandoracea) and in the Poromyacea (Mollusca: Sivalvia: Anomalodemata)' by Yonge and B Morton. J.Zool., 191 (1960).

- C.382, C.383 Notes, drawings, figures. 2 folders.

- C.384 Photographs.

'Petro'

- C.385 Draft paper 'On Petro australis (Gray) with comparisons of structure throughout the Anceiidae (Mollusca: Bivalvia)', Malacologia 20 (1980); referee's report.

- C.386 Drawings, figures, photograph.

'Tridacnidae'

- C.387 Referees reports on 'Functional morphology and evolution in the Tridacnidae' (1981); figures; letter 1984.

'Anomalodemata'

- C.388 Draft by B S Morton on the Parilixyidae, latest bibliographical reference 1981.

- C.389, C.390 Figures. 2 folders.

Research

'Bivalvia      Mantle margins'

- C.391      Correspondence 1982; draft paper 'Mantle margins with a revision of siphonal types in the Bivalvia', J. mollusc. Stud., 48 (1982)
- C.392      Draft paper 'Symmetries and the role of the mantle margins in the Bivalvia', Malacological Review, 16 (1983); proof copy.
- C.393      Notes, figures etc.

'Mollusca      Acad. Press'

- C.394      Brief correspondence re possible contribution to volume 7 of The Mollusca, 1982.

'Nectreacea/Myacea'

- C.395, C.396      Notes and Drawings.    2 folders.
- C.397      Draft paper 'Ligamental structure in Nectreacea and Myacea (Mollusca: Bivalvia)' J. mar. biol. Ass. U.K., 62 (1982); proof copy.
- C.398, C.399      Figures.    2 folders.

Research

'Mesodesmataceae      Last work of C.M.Yonge'

C.400-C.403      Correspondence 1982, notes, drawings, figures, reprints,  
4 folders.

Untitled

C.404      Draft 'On significant criteria in establishment of  
superfamilies in the bivalvia with creation of the  
superfamily Mesodesmataceae' by Yonge and J A Allen,  
latest bibliographical reference 1982; drawings.

'Gastropoda - extracts of papers'

C.405-C.408      List of papers, drafts, various dates.      4 folders.

Research

Undated research folders

- |       |   |
|-------|---|
|       | "Bivalvia    Adamsacea    Pholas    Teredo"             |
| C.409 | Notes and drawings.                                     |
|       | "Bivalvia    Gastrochaena"                              |
| C.410 | Notes and drawings.                                     |
|       | "Lamellibranchia    Pteriacea    Pedalion/Pteria"       |
| C.411 | Notes and drawings.                                     |
|       | "Lamellibranchia    Deep burrowing, Adaptations, etc."  |
| C.412 | Notes.  |
|       | "Lamellibranchia    Adductor muscles    Nervous system" |
| C.413 | Notes and drawings.                                     |
|       | "Cyprina Isocardia (Gareth)"                            |
| C.414 | Notes and drawings by Gareth Owen.                      |



Research

- 'Panomya'
- C.415 Notes, drawings, figures.
- 'Vulsella'
- C.416 Notes.
- Untitled
- C.417 Draft on the mantle, rudiments of the head, foot, alimentary canal, vascular system, blood, excretory organs, paginated 1-60.

Drawings and figures

- C.418-C.420 'Drawings Alcidis Mya'. 3 folders.
- C.421, C.422 'Anomalodemata Morton & Yonge figures'.  
2 folders.
- C.423 'Anomalodemata "Thraciana" Offodema (B.Morton)'.
- C.424 7Anomia.
- C.425-C.428 'Anomiaceae'. 4 folders.
- C.429-C.432 'Aspidobranchia figures'. 4 folders.

Research

- C.433-C.435 'Misc. Drawings Bivalvia'. 3 folders.
- C.436 'Calanus'.
- C.437-C.439 'Carditacea'. 3 folders.
- C.440-C.443 'Chamidae figures'. 4 folders.
- C.444-C.448 'Corals figures, etc.' 5 folders.
- C.449-C.452 'Crustacea Caridea, etc.' 4 folders.
- C.453 'Drawings etc. - Digestive Diverticula'.
- C.454-C.456 'Etheriidae Acostaea'. 3 folders.
- C.457 'Pungia cava drawings'.
- C.458-C.460 'Pungia cava Photos, etc.' 3 folders.
- C.461 'Figures Misc. Gastropoda Pteropoda'.
- C.462 'Heteromyarian condition figures'.
- C.463 'H.A. Holme I B P Handbook drawings'.
- C.464-C.468 'Drawings, etc - Homarus vulgaris'. 5 folders.

Research

- C.469-C.472 'Molluscs 78 - 100.' 4 folders. Not a complete sequence.
- C.473-C.477 'Molluscs 100 - 30'. 5 folders. The figures are numbered from 105 only.
- C.478-C.483 'Molluscs 131 - 160'. 6 folders.
- C.484 'Mollusca Primitive mollusca Bivalvia Text-figures, etc.'
- C.485 'Morton Locomotion'.
- C.486-C.488 'Drawings, etc. - Ostrea edulis'. 3 folders.
- C.489 'Pectinidae Monomyarianism Movement:swimming'.
- C.490, C.491 'Pinna'. 2 folders.
- C.492 'Miscellaneous figures Pinna Pododemus Monomyarian condition Anomiaea'.
- C.493-C.498 'Protobranchia figures'. 6 folders.
- C.499-C.503 'Rock-boring organisms + Petricola Photos & figures'. 5 folders.
- C.504 'Saxicavaces Hiatella (Figs etc.)'
- C.505-C.509 'Sea Shore Guide Figs.' 5 folders.

Research

- C.510-C.513 'Text-figures - Sea Shore'. 4 folders.  
C.514 'Significance of ligament'.  
C.515 'Drawings - Spisula & Lutraria'.  
C.516-C.519 'Spondylus & Plicatula original drawings'. 4 folders.  
C.520-C.522 'Tellinacea drawings'. 3 folders.  
C.523-C.529 Miscellaneous. 7 folders.

Large format figures and drawings

- C.530 Anomacea  
C.531 Form and habit in species of Malleus  
C.532 Saxicavaca  
C.533 Tridacna maxima  
C.534 Miscellaneous

Research

Index cards

- C.535 Incomplete bibliography of Yonge's scientific papers arranged by topic. In card index box which also contains incomplete ms and typescript lists of Yonge's papers.
- C.536,C.537 Names and addresses of scientific colleagues. In two card index boxes.
- C.538 Bibliographical references; biographical information on zoologists, botanists; lecture notes on marine cultivation, productivity of the sea; newspaper cuttings, etc. In card index drawer.
- C.539 Bibliographical references on Cardianae. In envelope.
- C.540 Bibliographical references on Monomyariae. In envelope.

SECTION D	SOCIETIES AND ORGANISATIONS	D.1 - D.32
D.1	CALIFORNIAN MALACOOLOGICAL SOCIETY	1964, 1970
	Correspondence <u>re</u> membership	
D.2	CORAL REEF SOCIETY	1978-80
	Yonge became Special Consultant to the Society's Advisory Board in 1978, and served as Honorary Chairman of the Board of Trustees.	
	Brief correspondence; background information on the Society.	
D.3	INTERNATIONAL SOCIETY FOR REEF STUDIES	1981
	Papers for first AGM of the Society, York, 15 December 1981.	
D.4	INTERNATIONAL UNION OF BIOLOGICAL SCIENCES (IUBS)	1956
	Programme, report (by J W Hedgpeth) etc., of symposium on Perspectives in Marine Biology held under the auspices of IUBS, La Jolla, USA, 23 March - 2 April 1956. Yonge spoke on 'Physiology and ecology of reef building corals.'	
D.5-D.7	NATURE CONSERVANCY COUNCIL	1973, 1977, 1978
D.5	Hansard report on House of Lords debates 8 May 1973 sent to Yonge by Lord Balerno. Includes debate on the Nature Conservancy Council Bill, introduced to separate the Nature Conservancy from the NERC in order to allow it to support scientific research.	
D.6	Invitation (accepted) to attend and chair a session of Nature Conservancy Council/Royal Society of Edinburgh symposium on the Natural Environment of the Outer Hebrides, Edinburgh, 11-12 October 1977. Includes draft programme.	

Societies and organisations

- D.7 Papers for Nature Conservancy Council preparatory meeting on the North Sea Atlas Project, London, 20 November 1978.
- D.8-D.27 ROYAL SOCIETY 1960-80
- Yonge was elected to the Fellowship of the Royal Society in 1946.
- D.8-D.22 Royal Society/Universities of Queensland Expedition to the Great Barrier Reef, 1973.
- This joint expedition to extend the work of Yonge's 1928-29 expedition to the northern part of the Reef was conceived in 1967. It was led by D R Stoddart of Cambridge University. Yonge was appointed chairman of the UK committee overseeing financial and programme arrangements.
- D.9 Correspondence and papers 1969 re visit of Stoddart to Queensland.
- D.9 'Summary of plans for the proposed Brisbane-based geophysical party', sent to Yonge 13 May 1970.
- D.10 Draft and final applications for financial support for the expedition, July 1971.
- D.11 Correspondence, October 1971 - January 1972.
- D.12 'Revised programme and budget (January 1971)' of the expedition.
- D.13 Correspondence and papers February-April 1973.
- D.14 Correspondence May 1973, chiefly re vacancy in UK party; 'Revised programme and budget (June 1973)' of the expedition.
- D.15 Correspondence from Stoddart (in Queensland) June - October 1973, and copies of correspondence re funding sent to Yonge by the Royal Society 25 July.

Societies and organisations

- D.16 'Report on Phase 1' of the expedition, 16 July - 19 August 1973, by Stoddart.
- D.17, D.18 Papers and minutes of meeting of the Great Barrier Reef Expedition Subcommittee, 10 January 1974. Yonge and Stoddart were present.  
2 folders.
- D.19 1974, 1976.
- D.20 Correspondence re 'proposed economies in the publication of the "Expedition Volume"' by the Royal Society, May-October 1977.
- D.21 'Summary Report' by Stoddart, 6pp duplicated typescript + figures. MS.
- D.22 Maps.
- D.23-D.26 Royal Society Discussion Meeting on Evolutionary Systematics of Bivalve Molluscs, 18-19 May 1977. Yonge introduced the meeting and spoke on 'Significance of the ligament in the classification of the Bivalvia'.
- D.23 Correspondence and papers re arrangements. Includes list of senior participants and 3pp typescript draft of Yonge's 'Introductory Remarks'.
- D.24 Correspondence arising from meeting.
- D.25, D.26 Legends, figures and plates for publication of proceedings.  
2 folders.
- D.27 Letter thanking Yonge for his contribution 'in the Royal Society's involvement with Aldabra [Atoll]' as chairman of the Southern Zone Research Committee, 30 April 1980.



Societies and organisations

- D.28,D.29 ROYAL SOCIETY OF EDINBURGH 1926,1972-73
- D.28 Material re reading of Yonge's paper 'The digestive diverticula in the lamellibranchs' to the Society, 8 March 1926.
- D.29 Correspondence and papers re Symposium on the Loch Leven IBP [International Biological Programme] Project sponsored by the Royal Society of Edinburgh, 12-13 June 1973. Yonge opened the symposium.
- D.30 SOCIETY FOR EXPERIMENTAL BIOLOGY 1926-28
- Yonge was elected a member of the Society in 1927.
- Programmes of 1926 and 1927 conferences, list of members etc.
- D.31 TROPICAL ECOLOGY GROUP 1974
- Programme of joint meeting with the Challenger Society on Coral Reefs, London, 22 October 1974. Yonge chaired and introduced the meeting.
- D.32 UNITAS MALACOLOGICA EUROPAEA 1964
- Correspondence and papers re membership.

SECTION E

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E.1 - E.78

E. 1 - E.47	General Correspondence
E.48 - E.60	Great Barrier Reef Expedition 1928-29
E.61 - E.63	'Miscellaneous Hong Kong and Pacific Science'
E.64 - E.78	<u>Advances in Marine Biology</u>

General correspondence

E.1	1925	E.21	1966 Nov-Dec
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E.19	1966 Aug	E.39	1975
E.20	1966 Aug-Oct	E.40	1976

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E.42	1978	E.46	1979, 1988-89
E.43	1979 Jan-Apr	E.47	Nil
E.44	1979 June-Nov		

Great Barrier Reef Expedition 1928-29

Correspondence etc., re arrangements for the Great Barrier Reef Expedition, including the invitation to Yonge to lead it, and correspondence arising from the Expedition.

- E.48, E.49 'G.B.R. Expedition 1928-29. Correspondence leading up to appointment as leader'. Contents of Yonge's folder so inscribed divided into two.
- E.48 Includes invitation to join expedition, 5 January 1927, and correspondence arising January-May 1927. Also includes related correspondence re the award of the Balfour Studentship at Cambridge to Yonge.
- E.49 Correspondence re expedition June-August 1927, including invitation to lead the expedition.
- E.50-E.59 'Gt. Barrier Reef Exped. Correspondence 1929-1971'. Contents of Yonge's folder so inscribed divided into ten: miscellaneous correspondence and papers arising from the expedition, chiefly related to publications and financial arrangements 1929-36.
- E.50 1928, 1929
- E.51 1931

Correspondence

- E.52 1932
- E.53 1933, 1934
- E.54 1935, 1936
- E.55 1939. Re continuing studies on the Reef.
- E.56 1969-70. Includes transcript of English film commentary for documentary on the Great Barrier Reef sent to Yonge 19 December 1969. Possibly related to F.62.
- E.57 1971-73. Chiefly re Royal Commission on Petroleum Drilling on the Reef, including a brief statement by Yonge on the possible effects of drilling on the ecological balance of the Reef, 1 July 1971.
- E.58-E.60 Miscellaneous material.
- E.58 'Andros Island, Bahamas'. Journal of work on corals 7 May - 10 July 1912. 45pp typescript.
- E.59 'List of persons and institutions to receive copies of the Great Barrier Reef Expedition Scientific Reports'; 'Some estimations of the organic content of different corals', 3pp typescript; 'What we found on the Barrier Reef', proof copy of article for *Discovery*; 'The Great Barrier Reef' by T.A. Stephenson, 1932, 4pp typescript; etc.
- E.60 Miscellaneous memorabilia of the Expedition.

Correspondence

'Miscellaneous Hong Kong and Pacific Science'

Contents of Yonge's folder so inscribed: correspondence and papers 1972-79 and nd.

- K.61 Correspondence and papers 1972-73 re plans for a Special Symposium on Marine Sciences and Problems of High Density Living, Hong Kong, 7-16 December 1973.
- K.62 Correspondence with B S Marton 1974-76 chiefly re drafts by Marton sent to Yonge for comment.
- K.63 Correspondence 1977-79, and nd.

Advances in Marine Biology

The journal Advances in Marine Biology was founded in 1962 to publish review articles on the subject. Yonge was an editor for the period covered by the material.

The material is correspondence with editorial colleagues F S Russell, J H S Blaxter and A J Southward, prospective and contributing authors, and with the publishers Academic Press. Yonge himself contributed to volume 21 with a paper on 'Monocyaninism in Bivalves'. The correspondence is arranged chronologically.

K.64	1978	K.72	1982 Aug-Dec
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K.68	1980 Oct-Dec	K.76	1983 Sept (2)
K.69	1981 Jan-Aug	K.77	1983 Sept (3)
K.70	1981 Sept-Dec	K.78	nd
K.71	1982 Jan-July		

SECTION F

NON-PRINT MATERIAL

F.1 - F.62

F.1 - F.54	Photographs
F.55- F.61	Maps
F.62	Tape-recording

Photographs

- F.1 Yonge's card-index drawer labelled 'photographs 1928 Barrier Reef. 1949-50 Year in U.S.A. postcards'. Contains photographs, postcards and other memorabilia. Most of the photographs are in photographic wallets with the subject title inscribed thereon.

The material was organised by Yonge with divider-cards. The titles inscribed on the divider-cards are reproduced first in the catalogue entries below.

'G.B.Reef'. Photographs in wallets inscribed '1928 - Boat to Australia', 'Animals', 'Boat work', 'Experimental apparatus', 'Experimental corals', 'Native boats etc', 'Outer Barrier', 'Personall', 'Reefs & islands'.

'G.B.R. Ex.'. Photographs in wallets inscribed 'Capricorn', 'Corals', 'Fiji Tonga Samoa', 'Michaelmas & Pixie Reefs', 'Tridema'.

'L.I. [Low Island]'. Photographs in wallets inscribed 'L.I. - buildings', 'Low I. Mangrove & Reef'.

'T[orres]. Strait'. Photographs in wallets inscribed 'Badu & E.S. [East Strait]', 'Murray I.', 'T[hursday]. I'.

Non-print material

'Australia'. Photographs in wallets inscribed 'Australia: oysters: fisheries', 'Mainland HQ', 'Tasmania', 'Temp. Australia'. Also includes postcards of Sydney.

'Honolulu, etc'. Photographs in wallet inscribed 'La Jolla: Honolulu: Japan. NZ. Red Sea'. Also includes postcards.

'Bermuda'. Photographs, postcards and other memorabilia in wallet inscribed 'Bermuda - 1931'.

'U.S. Oysters'. Photographs in wallets inscribed 'U.S. Oyster Beds - 1911', 'U.S.A. 1931. Lobster Hatchery Starfish collecting with tangles'.

'Bahamas etc'. Photographs in wallets inscribed 'Bahamas Miami 1934', 'Tortugas - 1934'.

'Pacific: USA Canada'. Photographs and postcards in wallets inscribed 'Cape May - Pacific Grove - N. York 1939', 'N.York Aquarium', 'Seattle - Friday Harbour - 1939', 'Manila & N. Columbia - 1939'.

'Pc's'. Miscellaneous postcards, photographs and memorabilia.

P.2 Yonge's card-index drawer containing photographs and negatives, postcards, and other memorabilia of visits made c.1924-50. Most of the photographs are contained in photographic wallets.

The material was organised by Yonge with divider-cards in an approximately chronological sequence. The titles inscribed on the divider-cards are reproduced first in the catalogue entries below.

Non-print material

'Edinburgh'. Chiefly holiday snaps. A few inscribed on verso. Three photographs of M J Lennox (later Mrs Yonge) are dated June 1924, July 1924 and April 1925.

'Plymouth: Millport'. Includes photographs of the Millport Marine Biological Station, Scotland, and the Plymouth Laboratory of the Marine Biological Association, some family photographs (a few dated April 1925), and photographs of 'Arenicola-castings' and ?'Wollacombe. 1933'.

'Bristol Channel'. Photographs mostly taken by A J Lloyd. A few inscribed on verso.

'Italy: Austria etc 1923: 25, 27'. Photographs of tourist locations in France, Italy and Austria with some associated memorabilia.

'Villefranche, Monaco, etc'. Includes postcards sent to M J Lennox by Yonge, February 1926, and postcard to Yonge (in Plymouth) from M. Trégon-Boff, 21 October 1926.

'Arcachon, etc'. Includes postcards to M J Lennox, March 1926, and photographs of 'French Oyster Beds - 1926'.

'Banyuls: Roscoff'. Mostly photographs of 'Banyuls - Pyrenees - Roscoff. 1930'.

'Naples: Sicily'. Mostly postcards and memorabilia of visit to Naples and Sicily 1938.

'Trondhjem: Kristiansberg'. Includes postcards to M J Lennox, July and August 1926, and postcards to Yonge (in Plymouth and Leeds) 1926 and 1927.



Non-print material

'Bergen'. Postcards, photographs and other memorabilia, mostly from visit to Bergen Museum's Biological Station, Hardla Is., 1936.

'Holland'. Includes postcards to M.J. Lennox during visit to Belgium and France, September 1924, postcards from 'Zuider Zee - Amsterdam Aquarium. 1936', photographs and negatives from 'Norway 1940', and 'Photos - Annecy, etc. 1950'.

- F.3 - F.27 Contents of Yonge's folders of Great Barrier Reef Expedition 1928-29 photographs and negatives.
- F.3 - F.8 Photographs used in A year on the Great Barrier Reef (not a complete sequence).
- F.3 Plates I - X
- F.4 Plates XI - XXX
- F.5 Plates XXXI - XL
- F.6 Plates XLI - L
- F.7 Plates LI - LX
- F.8 Plates LXI - LXIX
- F.9 Plates for Yonge's Barrier Reef Report I/13 'The biology of reef-building corals' published 1940. Not a complete set.

Non-print material

- F.10 - F.10 Miscellaneous Expedition photographs, arranged according to subject.
- F.10, F.11 Corals. 2 folders.
- F.12 Expedition members. Most are inscribed or labelled on verso.
- F.13 Low Island.
- F.14 Mangrove swamps.
- F.15 - F.17 Reefs. 3 folders.
- F.18 - F.20 Miscellaneous. 3 folders.
- F.21 Photographs of coral at 'Pa'oa, Tahiti Aug.1929'.
- F.22 Photographs from Tortugas, Bahamas and Hawaii.
- F.23 Set of eight unidentified photographs, possibly taken in Australia.
- F.24 Negatives of 'Experimental Corals. By G W Otter'.
- F.25 Aerial composite photograph of Costes Reef.
- F.26, F.27 Plate glass negatives of official Expedition photographs. Two boxes. Each has a 'List of Contents' compiled by G W Otter in 1928. The lists of contents do not correspond to the actual contents of the boxes.

Non-print material

- F.26            Box no.1 (original box).    10 plates.
- F.27            Box no.2 (later box).        13 plates.
- F.28, F.29      'Plymouth, Teredo, Nafta, etc.'   Contents of Yonge's  
                 envelope so inscribed divided into two. 1920s.
- F.28            Photographs of laboratory and aquarium of the Marine  
                 Biological Association, Plymouth; photographs of 'rafts'.
- F.29            Envelope of photographs of 'Teredo norvegica....'; wallet  
                 of photographs and negatives of various equipment.
- F.30            'Tongan Islands/Hawaii/Samoa...'   Contents of Yonge's  
                 envelope so inscribed.    Photographs 71920s.
- F.31            Mounted photograph of portrait of E.J Allen, Director of  
                 the Plymouth Marine Laboratory, 1932.
- F.32            'Sponge Industry - Bahamas'.    Contents of Yonge's envelope  
                 so inscribed.    Photographs (inscribed on verso) and postcards  
                 of sponge collection and preparation probably taken on visit  
                 to Bahamas 1934.
- F.33            'East Africa'.    Contents of Yonge's envelope so inscribed.  
                 Photographs of fishing boats etc., probably taken on visit  
                 to Lake Tanganyika c. 1937.
- F.34            'Naples'.    Contents of Yonge's envelope so inscribed.  
                 Photographs of the Naples Aquarium 71938.

Non-print material

- F.35 'Paget s[oun]d Pacific Grove'. Photographs so labelled, most inscribed on verso probably taken on visit to California 1939.
- F.36, F.37 'Prof. C.M. Yonge FRS Mussel culture'. Contents of envelope so inscribed divided into two. Photographs of mussel harvesting in the South of France 1954 (see also C.167-C.172).
- F.38 Photographs of Yonge with Clifford Mortimer and M. Florkin, Duke University, N. Carolina, 1960.
- F.39, F.40 'SMBA [Scottish Marine Biological Association] - Millport Dunstaffnage'. Contents of Yonge's envelope so inscribed divided into two.
- F.39 Photograph of 'message of congratulation' from SMBA to the Royal Society on the occasion of its tercentenary 1960; photographs of Dunstaffnage Marine Research Laboratory 1968 and 1970; photographs of participants at SMBA official dinner, nd, those identified on verso include Yonge, Sir Alistar Hardy, Sheila Marshall and H A Cole.
- F.40 Miscellaneous photographs.
- F.41 Group photograph, probably of University of California Centennial Symposium on Oceanography, Scripps Institution of Oceanography, San Diego, 1-3 February 1968 (see programme found with it which is also enclosed).
- F.42, F.43 'The Seas Tridacna & Acanthaster/Fungia Palau & Guam Nov. 1968'. Contents of Yonge's envelope so inscribed divided into two. Photographs of Tridacna gigas etc.

Non-print material

- F.44, F.45 'Conway Mussels'. Contents of Yonge's envelope so inscribed divided into two. Photographs and glass plate negative of mussel industry in Conway, N. Wales. Nd.
- F.46 'Ifaluk Atoll, Western Caroline Islands Photomosaic by U.S. Navy'. Nd.
- F.47, F.48 'Tridacnidae. Photos'. Contents of Yonge's folder so inscribed divided into two. Nd.
- F.49 'Early dredging also coral (Medit) Conchologists First Book E A Poe'. Contents of Yonge's envelope so inscribed. Photographs of illustrations of early dredging etc. equipment. Nd.
- F.50, F.51 Miscellaneous photographs and slides found in Yonge's envelopes. Two folders.
- Large-format photographs
- F.52 Mounted group photograph of Section D (Zoology) of the British Association for the Advancement of Science meeting, Leeds 1927, with key.
- F.53 'X-ray photographs Shipworms by F A Board...' Contents of Yonge's 14" x 17" x 1" box so inscribed. Photographs and X-rays 1968 and 1969.
- F.54 Photographs of 'Flat-topped coral, taken near Heron Island 1951' and 'Big Tree in "The Avenue of the Giants"... California'.

Non-print material

Maps

- F.55 - F.59    Navigational maps of the Great Barrier Reef.
- F.55            'Coral Sea and Great Barrier Reefs'
- F.56            'Australia - northern portion'
- F.57            'Cape Grafton to Hope Islands'
- F.58            'Hope Islands to Turtle Group'
- F.59            'Turtle group to Clarendon point'
- F.60            Two maps of the Great Barrier Reef prepared for the Great  
Barrier Reef Committee.
- F.61            Maps of Great Barrier Reef and Mer Island for Yonge's book  
A year on the Great Barrier Reef, maps A, D and F.

Tape-recording

- F.62            'Commentary of Love Island film. By W'.

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