

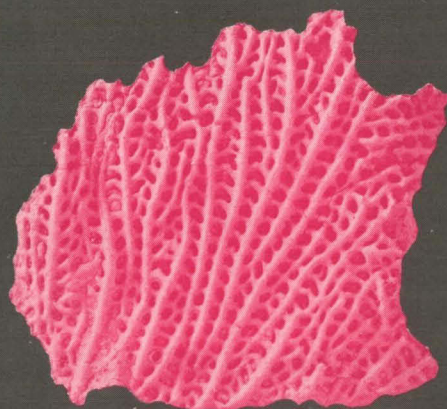


Report 305

EMR PUBLICATIONS COMPACTUS
(LENDING SECTION)

Catalogue of Type, Figured and Cited specimens in the Commonwealth Palaeontological Collection

D. L. Strusz



BRYOZOA

Bureau of Mineral Resources, Geology and Geophysics

EMR COMP
SSS(94)
REP.6
C3

Department of Primary Industries and Energy

BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS

REPORT 305

**Catalogue of Type, Figured and Cited specimens in the
Commonwealth Palaeontological Collection**

BRYOZOA

by

D.L. STRUSZ

(Onshore Sedimentary & Petroleum Geology Program)

CANBERRA 1991

© Commonwealth of Australia 1991. This work is copyright. Apart from any use as permitted under the *Copyright Act 1968*, no part may be reproduced by any process without written permission from the Director, Publishing and Marketing, AGPS. Inquiries should be directed to the Manager, AGPS Press, Australian Government Publishing Service, GPO Box 84, Canberra, ACT 2601.

ISBN 0 644 22052 X
ISSN 0084 7100

Compiler and editor: D.L. Strusz
Graphic design: Saimonne Bissett
Word processing: D.L. Strusz

Abstract: This catalogue, the second of a series, lists taxonomic, bibliographic, locality, horizon and age information for the published specimens of fossil bryozoans held in the Commonwealth Palaeontological Collection, which is administered by the Bureau of Mineral Resources. This catalogue series will meet the international responsibilities of the Bureau of Mineral Resources under Article 72, Recommendation 72G, of the International Code of Zoological Nomenclature, and similar requirements of the International Code of Botanical Nomenclature.

CONTENTS

Introduction 1

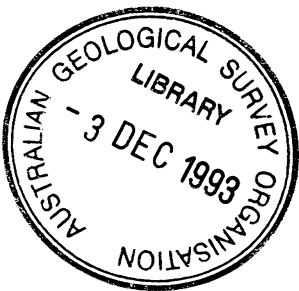
Phylum Bryozoa - taxonomic list 3

References 67

Index of genera 68

Index of species 68

Index of specimens 70



INTRODUCTION

The Commonwealth Palaeontological Collection

The Commonwealth Palaeontological Collection (referred to hereafter by the acronym CPC) is a national collection of almost exclusively Australasian fossils which have been referred to or illustrated in scientific publications. The collection is housed in Canberra, and administered by the Bureau of Mineral Resources, Geology & Geophysics (acronym BMR).

The collection began with the appointment of F. Chapman as the first Commonwealth Palaeontologist in 1927. Chapman was assisted by I. Crespin, and both were accommodated in the then National Museum of Victoria, in Melbourne. Following Chapman's retirement in 1935, the collection was transferred (under Crespin) to Canberra. It was placed under the jurisdiction of the BMR on that organisation's inception following the Second World War. The collection has since grown steadily, with major increases during and following the BMR's mapping programs in northern Australia in the nineteen fifties and sixties, and more recently with the various onshore and offshore basin mapping programs. The only serious setback resulted from a major fire in 1953, which destroyed some of the collection, and the original manual catalogue. The collection is now housed in a fireproof vault within a purpose-built palaeontological repository, and has reached a size of over 30,000 specimens.

Catalogue development

Previous published catalogues were prepared in the traditional way by Crespin (1960, 1971, 1974 - BMR Reports 54, 148, 160). The first tried to be comprehensive, as the collection then numbered about 3000 specimens. The second concentrated on microfossils, and incorporated specimens described by Chapman prior to his appointment but not acquired by the Commonwealth until 1949. The third attempted to bring up to date the non-protists. However, by that time the collection was sufficiently large that the old manual methods of registration had started to collapse under the pressure of survey work and lack of staff specifically assigned to the task (a problem that has only recently been addressed, with obvious consequences). In the early nineteen seventies a computer system was set up, using the 'Image' system on a Hewlett Packard 1000 machine, to enable storage and retrieval of palaeontological and biostratigraphic data. Amongst other things, this was used as a means of resurrecting the cataloguing of the CPC, in particular the Foraminiferida. With minor changes, and despite considerable limitations, this system persisted until a few years ago, when BMR upgraded its main computer and the HP1000 was taken off line. A new database, using 'Oracle', was set up, initially as a close copy of the 'Image' database, and the data transferred. This entailed minor loss of information, but in the main was successful. Opportunity was then taken to overcome the previous limitations of the database, so as to make it a suitable registration and cataloguing medium. Entry of new data, and checking of the older entries, followed the database upgrade, and has reached the stage at the time of writing that about 40% of the collection has been catalogued. Much obviously remains to be done.

New catalogue series

This catalogue is the second to be produced from the database, and has benefited from the experience gained in preparing the first, on the Brachiopoda. Initial output in a standard format designed to minimise subsequent editing, but with much duplication of data common to many specimens, was through an SQR program prepared by the writer and members of the BMR Information Systems Branch. The resulting files have been edited and put into final format by the writer, using WordPerfect 5.1 on a PC. Subsequent catalogues will be produced in the same way, and will appear as cataloguing for selected taxonomic groups is completed. The scope and arrangement of each will vary slightly, according to the groups concerned. For the Bryozoa, only published specimens are listed; the few identified specimens which for various reasons were not even referred to in publications are either noted in conjunction with a published specimen of the same species from the same locality or area, or are omitted. Published specimens are entered under the categories **referred** (referred to in the text by locality or similar, but not by number), **cited** (the number is quoted), **figured** (either in a text-figure or plate), and the usual **paratype**, **holotype**, etc. Where a species is the type of a new genus or subgenus, those specimens used in the original description of the species are additionally annotated with "**type species**", be they formal type specimens or not. Entries with data repeated from previous entries for the same taxon are given in appropriately abbreviated form. Otherwise, each entry gives information on: type status and bibliography, locality, horizon and age.

In many earlier publications, non-type and unfigured specimens were frequently placed in a separately catalogued BMR collection (which in addition contains many identified but unpublished specimens) with the prefix "F". For the Bryozoa not many specimens fell into this category, and those that did have been renumbered into the Commonwealth Palaeontological Collection.

For the Bryozoa, the taxa are arranged alphabetically by genus, subgenus, species and subspecies. No supra-generic grouping is attempted. Indices are provided at genus-group and species-group levels, and for specimen numbers. Indeterminate specimens or taxa are ordered as *incertae sedis* under the name of the lowest taxonomic level to which they can be assigned. All specimens within each taxon are ordered numerically. In general, only taxonomic reassignments which have been made in papers dealing with CPC specimens are taken into account, with old and new names cross-indexed. Where there is any uncertainty about the re-assignment, specimens are listed under the name under which they were first published. No attempt has been made to search the general bryozoan literature for the current taxonomic position of each species or subspecies. Data included are those received for entry into the database up to 30th June, 1991.

Time and resources have not allowed an extensive search of the non-taxonomic literature to check and where necessary bring up to date every locality and age assignment. Information is generally that published, blending different locality descriptions where appropriate, but has made use of biostratigraphic projects presently in progress. Where gross inconsistencies or uncertainties have emerged, an attempt has been made to resolve them from published maps, or in the case of age assignments from the correlation and biostratigraphic charts prepared in connection with the BMR's Palaeogeographic Maps and Chronostratigraphy Projects. It is inevitable that not all errors have been detected, so users of this catalogue are asked to notify the writer of any they find.

Acknowledgements.

I would like to thank Rod Ryburn and Sonja Lenz for their help in getting the report programs running properly, Tony Boston for transforming the original limited database structure into something really useful. Over the years there have been many people who have helped with data input, too many to thank specifically except for two, who have had to contend with all the changes in format and associated problems before everything was working properly - Pam Kirkpatrick and Alberto Dias. The design of the catalogue series has benefited from discussion with my palaeontological colleagues at BMR, especially Gavin Young.

Phylum Bryozoa

Acanthocladia sp. indet. CROCKFORD, 1957

CPC 1162B: Cited specimen - CROCKFORD, 1957, p. 72.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Aetomacladia ambrosioides BRETNALL, 1926

See *Ramipora ambrosioides*

Wass (1968) agrees with Crockford (1944A) that *Aetomacladia*, of which this is the type species, is a junior subjective synonym of *Ramipora*. Bassler (1953, p. G90) treated it as a subgenus of *Ramipora*.

Callocladia? ramosa CROCKFORD, 1957

CPC 1180: HOLOTYPE - CROCKFORD, 1957, pp. 56-57, text-fig. 9, pl. 15, figs 1-2.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Coelocaulis maculosa ROSS, 1961

Note that the specimen figured Ross, 1961, pl. 16, fig. 1, cited as CPC 969, is not that specimen (which is Discotrypa? sp. A); it cannot be identified amongst the material listed below.

CPC 952: HOLOTYPE - ROSS, 1961, pp. 66-67, pl. 15, fig. 5; pl. 16, fig. 4; pl. 18, fig. 2.

Locality: FV20 - one mile (1.6 km) at 104° from Mount Percy, northwest end of the Oscar Range, "Leopold Downs" Station, Kimberley district, Western Australia. 17.61984°S, 124.94001°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Middle to Late Famennian, Late Devonian.

CPC 953 to 957: Paratypes - ROSS, 1961, pp. 66-67.

Locality, horizon and age as for CPC 952.

Remarks: The citation of CPC 955 by Crespin (1960, p. 10) as *Austrotrillini howchini* is a misprint for 995.

CPC 968: Figured specimen - ROSS, 1961, pp. 66-67, pl. 14, fig. 1.

Locality, horizon and age as for CPC 952.

Remarks: Original slides lost, replacements cut by Ross.

Cryptostomata gen. et sp. indet. CROCKFORD, 1957

CPC 1102B: Figured specimen - CROCKFORD, 1957, pl. 9, fig. 5.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level B is at 18.695°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284B: 354-363m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Cited as a "Bifoliate cryptostomatous bryozoan, congeneric with the form shown in Pl. 5, fig. 5.." (i.e. CPC 1184D). CPC 1102D and 1117 (from locality PR256) are the same taxon, according to old index cards and the slide labels.

CPC 1184D: Figured specimen - CROCKFORD, 1957, p. 100, pl. 5, fig. 5.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Remarks: Described in the plate explanation as a "Thin bifoliate zoarium ... which closely resembles *Prismopora digitata* sp. nov. in external appearance, but whose internal structure is cryptostomatous."

Discotrypa? sp. A ROSS, 1961

CPC 969: Figured specimen (encrusting zoarium) - ROSS, 1961, p. 38, pl. 6, fig. 4.

Locality: FV20 - one mile (1.6 km) at 104° from Mount Percy, northwest end of the Oscar Range, "Leopold Downs" Station, Kimberley district, Western Australia. 17.61984°S, 124.94001°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Middle to Late Famennian, Late Devonian.

Remarks: The specimen figured pl. 16, fig. 1 (*Coelocaulis maculosa*) is incorrectly cited as CPC 969. The specimen cannot be recognised amongst Crockford's material.

Dybowskiella arborescens CROCKFORD, 1957

CPC 1055: Figured specimen - CROCKFORD, 1957, p. 15, pl. 2, figs 2-4.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*.

CPC 1056: HOLOTYPE - CROCKFORD, 1957, p. 15, pl. 2, fig. 1.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Dybowskiella crescens (CROCKFORD, 1944)

CPC 1060: Cited specimen - CROCKFORD, 1957, p. 15.

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Topotypic.

CPC 1282A: Cited specimen - CROCKFORD, 1957, p. 15.

Locality: SP26 - on track, 1 mile (1.6 km) at 200° from Barnett's Tank on Sixty-Seven Mile Creek, West Kimberleys, Western Australia. 17.61697°S, 124.65144°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Dyscritella adnascens BASSLER, 1929

CPC 1172: Cited specimen - CROCKFORD, 1957, p. 50.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1173A-B: Cited specimens - CROCKFORD, 1957, p. 50.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1174A: Cited specimen - CROCKFORD, 1957, p. 50.

Locality, horizon and age as for CPC 1172.

Dyscritella bruteni CROCKFORD, 1957

CPC 1084C: Cited specimen - CROCKFORD, 1957, pp. 53-54.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level N is at 18.719°S, 125.609°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284N: 250-262m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1150B: Cited specimen - CROCKFORD, 1957, pp. 53-54.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Remarks: From the same locality but not cited by Crockford is CPC 1175; its identity is recorded in the original Register.

CPC 1168A: HOLOTYPE - CROCKFORD, 1957, pp. 53-54, pl. 13, figs 3, 4.

Locality, horizon and age as for CPC 1084C.

CPC 1169B: Cited specimen - CROCKFORD, 1957, pp. 53-54.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU7990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Dyscritella liveringa CROCKFORD, 1957

CPC 1181: HOLOTYPE - CROCKFORD, 1957, p. 54, text-figs 7-8; pl. 14, fig. 1.

Locality: Mount Hardman, West Kimberleys, Western Australia. 18.313°S, 124.644°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Liveringa Formation (now Group), Canning (formerly Fitzroy) Basin.

Age: Kungurian to Ufimian, Late Early to Early Late Permian.

Dyscritella macrostoma CROCKFORD, 1957

CPC 1111B: Cited specimen - CROCKFORD, 1957, pp. 51-52.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1115C: Cited specimen - CROCKFORD, 1957, pp. 51-52.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1116C: HOLOTYPE - CROCKFORD, 1957, pp. 51-52, pl. 13, figs 5, 6.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. The start is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1176A, 1185C: Cited specimens - CROCKFORD, 1957, pp. 51-52.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1177: Cited specimen - CROCKFORD, 1957, pp. 51-52.

Locality: PR113 - near road, 1½ miles (2.4 km) at 220° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.75022°S, 125.62237°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1178: Figured specimen - CROCKFORD, 1957, pp. 51-52, pl. 13, figs 7, 8.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level S is at 18.733°S, 125.611°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284S: 189-221m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1251A: Cited specimen - CROCKFORD, 1957, pp. 51-52.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at

18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Dyscritella spinigera (BASSLER, 1929)

CPC 1064C: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1079B: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and ¾ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: From the same locality but not cited by Crockford is CPC 1188B; its identity is recorded on an old index card.

CPC 1081B: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1110B: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1148: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: W42B-C - near the north end of Lake Josceline, west of Mount Wynne, West Kimberleys, Western Australia. 18.101°S, 124.423°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1149A: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: NK32 - on the north side of the Fitzroy River, ½ mile (about 800 m) east from "Noonkanbah" homestead, West Kimberleys, Western Australia. 18.5085°S, 124.8322°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1151A, 1152B, 1153A, 1154A: Cited specimens - CROCKFORD, 1957, p. 51.

Locality, horizon and age as for CPC 1110B.

CPC 1155: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1156A: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: PR288 (= NK20) - beside track, 2 miles (3.2 km) at 260° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.73895°S, 125.60688°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1157A-B: Cited specimens - CROCKFORD, 1957, p. 51.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level R is at 18.724°S, 125.610°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284R: 226-238 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1166A, 1167A: Cited specimens - CROCKFORD, 1957, p. 51.

Locality, horizon and age as for CPC 1064C.

Remarks: From the same locality but not cited by Crockford is CPC 1198; the identity is recorded on an old index card.

CPC 1290B: Cited specimen - CROCKFORD, 1957, p. 51.

Locality: Little Flow, beside track east of Mount Arthur, West Kimberleys, Western Australia. 18.4644°E, 124.2333°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Dyscritella cf. spinulosa BASSLER, 1929

CPC 1068D: Cited specimen - CROCKFORD, 1957, pp. 50-51.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The colony of *Dyscritella* cf. *spinulosa* is encrusting one of *Polypora natalis*.

Dyscritella tenuirama CROCKFORD, 1957

CPC 1159A-B: Cited specimens - CROCKFORD, 1957, pp. 52-53.

Locality: Mount Hardman, West Kimberleys, Western Australia. 18.313°S, 124.644°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Liveringa Formation (now Group), Canning (formerly Fitzroy) Basin.

Age: Kungurian to Ufimian, Late Early to Early Late Permian.

CPC 1160: Cited specimen - CROCKFORD, 1957, pp. 52-53.

Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and ¾ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1161: HOLOTYPE - CROCKFORD, 1957, pp. 52-53, pl. 13, fig. 1. WASS, 1967A, pp. 281-282, text-figs 1a-b.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1162A: Cited specimen - CROCKFORD, 1957, pp. 52-53.

Locality, horizon and age as for CPC 1161.

CPC 1163A, B: Cited specimens - CROCKFORD, 1957, pp. 52-53.

Locality: PR137H - about ½ km west of road, 3 miles (4.8 km) at 235° from Bruten's Yard (180 m northeast of locality PR137G), West Kimberleys, Western Australia. 18.75836°S, 125.59943°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1165A: Figured specimen - CROCKFORD, 1957, pp. 52-53, pl. 13, fig. 2.

Locality: PR288 (= NK20) - beside track, 2 miles (3.2 km) at 260° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.73895°S, 125.60688°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1290D: Cited specimen - CROCKFORD, 1957, pp. 52-53.

Locality: Little Flow, beside track east of Mount Arthur, West Kimberleys, Western Australia. 18.4644°E, 124.2333°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Eridopora permiana CROCKFORD, 1957

CPC 1061A: Cited specimen - CROCKFORD, 1957, pp. 17-18.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1062: Figured specimen - CROCKFORD, 1957, pp. 17-18, pl. 3, fig. 3.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1063A: Figured specimen - CROCKFORD, 1957, pp. 17-18, pl. 3, fig. 4.

Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and ¾ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1064A: Cited specimen - CROCKFORD, 1957, pp. 17-18.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU7990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1065A: HOLOTYPE - CROCKFORD, 1957, pp. 17-18, text-fig. 2; pl. 3, figs 1, 2.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km

southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian

***Etherella irregularis* CROCKFORD, 1957**

CPC 1073G: HOLOTYPE? - CROCKFORD, 1957, pp. 34-35, pl. 9, figs 1, 3.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Remarks: On p. 34 the holotype is given as 1073H, the number correctly quoted (as a topotype) in pl. 9, fig. 2; 1073G is marked as the holotype, and is figured pl. 9, figs 1, 3; on the slide the word 'holotype' has been subsequently crossed out.

CPC 1073H: HOLOTYPE? - CROCKFORD, 1957, pp. 34-35, pl. 9, fig. 2.

Locality, horizon, age and remarks as for CPC 1073G.

***Etherella porosa* CROCKFORD, 1957**

CPC 1068B: Cited specimen, type species of genus, and family Etherellidae - CROCKFORD, 1957, p. 32.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1102A: HOLOTYPE, type species of genus, and family Etherellidae - CROCKFORD, 1957, pp. 32-33, text-fig. 4; pl. 8, figs 1-3. UTGAARD, 1983, p. 433, fig. 212(2).

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level B is at 18.695°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284B: 354-363 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Type of Family Etherellidae.

CPC 1103A: Cited specimen, type species of genus, and family Etherellidae - CROCKFORD, 1957, pp. 32-33.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1104: Cited specimen, type species of genus, and family Etherellidae - CROCKFORD, 1957, pp. 32-33.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1105A: Cited specimen, type species of genus, and family Etherellidae - CROCKFORD, 1957, pp. 32-33.
Locality: PR261 - 8 miles (12.9 km) south from Donkey Gorge Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 19.0384°S, 125.7377°E. CROSSLAND 1:250,000 sheet SE51-16
Horizon: Base of the Liveringa Formation (now Lightjack Formation, Liveringa Group), Canning (formerly Fitzroy) Basin.
Age: Kungurian to Ufimian, Late Early to Early Late Permian.

Etherella porosa minor CROCKFORD, 1957

Originally described as a new variety, under ICZN Article 45g this is of subspecific rank.

CPC 1073D: HOLOTYPE - CROCKFORD, 1957, pp. 33-34, pl. 8, figs 4, 5.
Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
Remarks: The photos for figs. 5 and 6 are transposed: fig. 5 is CPC 1073E, fig. 6 is CPC 1073D.

CPC 1073E: Figured specimen - CROCKFORD, 1957, pp. 33-34, pl. 8, fig. 5.
Locality, horizon, age and remarks as for CPC 1073D.

CPC 1073F: Cited specimen - CROCKFORD, 1957, pp. 33-34.
Locality, horizon and age as for CPC 1073D.

CPC 1085B: Cited specimen - CROCKFORD, 1957, pp. 33-34.
Locality: FL145 - probably in the vicinity of the Fenton Fault, near Barnes Flow, southeast of Mount Arthur, West Kimberleys, Western Australia. Approximately 18.57°S, 124.39°E. MT ANDERSON 1:250,000 sheet SE51-11.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Evactinostella crucialis (HUDLESTON, 1883)

CPC 1063B: Cited specimen - CROCKFORD, 1957, p. 28.
Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and ¼ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1096A-D: Cited specimens - CROCKFORD, 1957, pp. 28-30.
Locality: W42B-C - near the north end of Lake Josceline, west of Mount Wynne, West Kimberleys, Western Australia. 18.101°S, 124.423°E. MT ANDERSON 1:250,000 sheet SE51-11.
Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.
Age: Sakmarian, Early Permian.

CPC 1097A-C: Cited specimen - CROCKFORD, 1957, pp. 28-30.
Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1098A-B, 1099A-B, 1100A-B, 1101A: Cited specimens - CROCKFORD, 1957, pp. 28-30.
Locality: FL96 - location unknown, but probably near Barnes Flow, southeast of Mount Arthur, West Kimberleys, Western Australia. Approximately 18.57°S, 124.39°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1230A: Cited specimen - CROCKFORD, 1957, pp. 28-30.

Locality, horizon and age as for 1063B.

CPC 1295: Cited specimen - CROCKFORD, 1957, pp. 28-30.

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 7703 to 7705: Cited specimens - WASS, 1967B, pp. 162-163.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

Fenestella affluensa BRETNALL, 1926

See also Fenestrellina affluensa

CPC 302: Figured specimen - CROCKFORD, 1944B, p. 158, pl. IV, fig. 10.

Locality: Wooramel River west of Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Formerly F782, identified as *Fenestella spinulifera* by Chapman, p. 128 in Raggatt, 1936.

CPC 30412, 30413: Cited specimens (as F783, 784) - CROCKFORD, 1944B, p. 158.

Locality: Callytharra, Wooramel River, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Specimens missing 1990.

Fenestella alia (CROCKFORD, 1944)

See also Fenestrellina alia

CPC 301: HOLOTYPE - CROCKFORD, 1944B, p. 159, pl. IV, fig. 8.

Locality: Wooramel River west of Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Formerly F786, identified as *Fenestella spinulifera* by Chapman, p. 128 in Raggatt, 1936.

CPC 30414: Cited specimen (as F787) - CROCKFORD, 1944B, p. 159.

Locality: Callytharra, Wooramel River, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Specimen missing 1990.

Fenestella amplia (CROCKFORD, 1944)

See also Minilya amplia

Wass (1966) has shown *Minilya* Crockford to be a junior subjective synonym of *Fenestella*.

- CPC 309: HOLOTYPE** - CROCKFORD, 1944B, pp. 159-160, pl. IV, fig. 7. WASS, 1968, pp. 58-60.
Locality: Wooramel River west of Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.
Horizon: Callytharra Formation, Carnarvon Basin.
Age: Late Sakmarian, Early Permian.
Remarks: Formerly F792, identified as *Fenestella spinulifera* by Chapman, p. 128 in Raggatt 1936. F792 is also wrongly quoted as *Penniretepora triporosa* by Crockford on pp. 161-2.
- CPC 7035:** Figured specimen - WASS, 1968, pp. 58-60, pl. 14, fig. 1.
Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.
Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.
Age: Artinskian, Early Permian.

Fenestella basleoensis BASSLER, 1929

- CPC 1065B, 1208:** Cited specimens - CROCKFORD, 1957, p. 58.
Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1225A:** Cited specimen - CROCKFORD, 1957, p. 58.
Locality: R422 - on a fault line 2 miles (3.2 km) south-southwest from "Bohemia Downs" Station, West Kimberleys, Western Australia. 18.9201°S, 126.2317°E. MT RAMSAY 1:250,000 sheet SE52-9.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1276A:** Cited specimen - CROCKFORD, 1957, p. 58.
Locality: SP49 - on the track beside Bell's Creek, 6 miles (9.7 km) east of "Ellendale" homestead, West Kimberleys, Western Australia. 17.9224°S, 124.8957°E. LENNARD RIVER 1:250,000 sheet SE51-8.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Fenestella bowenensis WASS, 1968

- CPC 7034: HOLOTYPE** - WASS, 1968, pp. 72-74, pl. 17, fig. 1.
Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.
Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.
Age: Artinskian, Early Permian.
- CPC 7124:** Figured specimen - WASS, 1968, pp. 72-74, pl. 17, fig. 2.
Locality: SP732 - Reids Dome, 480 m at 55° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3333°E. SPRINGSURE 1:250,000 sheet SG55-3.
Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.
Age: Artinskian, Early Permian.
- CPC 7125:** Figured paratype - WASS, 1968, pp. 72-74, pl. 17, fig. 3.
Locality, horizon and age as for CPC 7034.

Fenestella cacuminatis (CROCKFORD, 1944)

CPC 1213B: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Topotypic.

Fenestella canthariformis (CROCKFORD, 1941)

CPC 7119: Figured specimen - WASS, 1968, pp. 60-62, pl. 15, fig. 1.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7120: Cited specimen - WASS, 1968, pp. 60-62.

Locality, horizon and age as for CPC 7119.

Fenestella chapmani (CROCKFORD, 1944)

See also Fenestrellina chapmani

CPC 303: HOLOTYPE - CROCKFORD, 1944B, pp. 158-159.

Locality: Wooramel River, west of Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Formerly F 788, identified as *Fenestella spinulifera* by Chapman, p. 128 in Raggatt, 1936.

CPC 304: Figured specimen - CROCKFORD, 1944B, pp. 158-159, pl. IV, fig. 5.

Locality: Wooramel River below Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon and age as for CPC 303.

Remarks: Formerly F 789, identified as *Fenestella spinulifera* by Chapman, p. 128 in Raggatt, 1936.

CPC 30415, 30416: Cited specimens (as F 790, 791) - CROCKFORD, 1944B, pp. 158-159.

Locality: Callytharra, Wooramel River, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon and age as for CPC 303.

Remarks: Specimens missing 1990.

CPC 30417: Cited specimen (as F 801) - CROCKFORD, 1944B, pp. 158-159.

Locality, horizon and age as for CPC 304.

Remarks: Specimen missing 1990.

Fenestella columnaris (CROCKFORD, 1944)

CPC 1068K: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1174B: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4

km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277 - 296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1185F: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1186B: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1210A: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1214: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1215A: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1216A: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1217: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fenestella cf. columnaris (CROCKFORD, 1944)

CPC 7121: Figured specimen - WASS, 1968, pp. 62-63, pl. 14, fig. 2.

Locality: SP732 - Reids Dome, 480 m at 55° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3333°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

Fenestella disjecta (CROCKFORD, 1944)

CPC 1068L: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1196B: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1209A: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1237: Cited specimen - CROCKFORD, 1957, p. 58.

Locality, horizon and age as for CPC 1196B.

CPC 1238A-B: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Topotypic.

CPC 1278B: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: SP49 - on track beside Bell's Creek, 6 miles (9.7 km) east of "Ellendale" homestead, West Kimberleys, Western Australia. 17.9224°S, 124.8957°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fenestella duplaris (CROCKFORD, 1944)

See Fenestella horologia, Minilya duplaris

Wass, 1966, has shown *Minilya duplaris* to be a synonym of *Fenestella horologia*, and thus *Minilya* to be a junior subjective synonym of *Fenestella*. The specimens will be found under *Fenestella horologia*.

Fenestella emanuelana ROSS, 1961

CPC 937: HOLOTYPE - ROSS, 1961, pp. 69-70, pl. 18, fig. 7.

Locality: K246 - section DD2, level C11, on the north slope of the Emanuel Range about 2 km northwest of where it turns northeast into Sadler Ridge, West Kimberleys, Western Australia. 18.5125218°S, 125.9445337°E. ZV⁸1070.⁷⁹3808, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Sadler Formation, 90 ft (27.4 m) above the top of the Pillara Limestone, Lennard Shelf, Canning Basin.
Age: *Ladjia saltica* Zone?, Early Frasnian, Late Devonian.

Fenestella fossula LONSDALE, 1844

CPC 7116: Cited specimen - WASS, 1968, pp. 65-67.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7117: Figured specimen - WASS, 1968, pp. 65-67, pl. 14, fig. 4.

Locality, horizon and age as for CPC 7116.

CPC 7118: Cited specimen - WASS, 1968, pp. 65-67.

Locality, horizon and age as for CPC 7116.

Fenestella hindei CROCKFORD, 1957

CPC 1077L: Cited specimen - CROCKFORD, 1957, pp. 59-60.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*.

CPC 1078E: Figured specimen - CROCKFORD, 1957, pp. 59-60, pl. 16, fig. 1.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.⁷⁸988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1078G: Cited specimen - CROCKFORD, 1957, pp. 59-60.

Locality, horizon and age as for CPC 1078E.

CPC 1216C: Cited specimen - CROCKFORD, 1957, pp. 59-60.

Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fenestella horologia BRETNALL, 1926

See also Fenestella duplaris, Minilya duplaris, Fenestrellina horologia

Wass, 1966, has shown that *Minilya duplaris* (the type species) is identical to *Fenestella horologia*. All of Crockford's specimens are therefore entered under the latter name.

CPC 1073I: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at

18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1078F: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU7990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1084D: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level N is at 18.719°S, 125.609°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284N: 250-262 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1102C: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level B is at 18.695°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284B: 354-363 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1102E: Cited specimen - CROCKFORD, 1957, pp. 67-68.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level B is at 18.695°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284B: 354-363 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1171B: Cited specimen - CROCKFORD, 1957, pp. 67-68.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level N is at 18.719°S, 125.609°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284N: 250-262 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1185G: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1187N: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1188C: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and $\frac{3}{4}$ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1195C-D: Cited specimens - CROCKFORD, 1957, pp. 67-68.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1209B: Cited specimen - CROCKFORD, 1957, pp. 67-68.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Incorrectly stated by Crockford to be from the Liveringa Formation 8 miles south of Donkey Gorge Bore; the correct locality is that cited by her for CPC 1209A on p. 58 (PR284A). Also from this level in section PR284, but not cited by Crockford, is CPX 1186C; its identity is recorded on an old index card.

CPC 1210C: Cited specimen - CROCKFORD, 1957, pp. 67-68.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1213C-D: Cited specimens - CROCKFORD, 1957, pp. 67-68.

Locality, horizon and age as for CPC 1210C.

CPC 1213E: Cited specimen - CROCKFORD, 1957, p. 57.

Locality, horizon and age as for CPC 1210C.

CPC 1216B: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Locality incorrectly cited as 13 (= PR302A).

CPC 1220: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: W44C - 1 mile (1.6 km) northeast from Lake Josceline, 4 miles (6.4 km) at 290° from Mt. Wynne, West Kimberleys, Western Australia. 18.085°S, 124.432°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1221: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: W34B - at fence junction, 2 miles (3.2 km) at 40° from Lake Josceline, west of Mount Wynne, West Kimberleys, Western Australia. 18.078°S, 124.436°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1224A: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys,

Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1232: Cited specimen - CROCKFORD, 1957, p. 57.

Locality, horizon and age as for CPC 1195C-D.

CPC 1233: Cited specimen - CROCKFORD, 1957, pp. 67-68.

Locality, horizon and age as for CPC 1209B.

CPC 1236C: Cited specimen - CROCKFORD, 1957, pp. 67-68.

Locality, horizon and age as for CPC 1195C-D.

CPC 1281A-B: Cited specimens - CROCKFORD, 1957, pp. 67-68.

Locality: SP25B - on a track as it crosses the ridge 2 miles (3.2 km) at 200° from Barnett's Tank, West Kimberleys, Western Australia. 17.6353°S, 124.6407°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Topmost Noonkanbah Formation or basal Liveringa Formation (which is now the Lightjack Formation, Liveringa Group), Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1285: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Also cited on p. 21 under *Hexagonella? lineata*. Unusually for Crockford the two individuals are not distinguished as A and B. The entry on an old index card suggests that CPC 1285A is *H? lineata*, CPC 1285B is *F. horologia*

CPC 1287C: Figured specimen - CROCKFORD, 1957, pp. 67-68. WASS, 1966, p. 91, pl. II, fig. 7.

Locality, horizon and age as for CPC 1285.

Remarks: Originally placed in *Minilya duplaris* Crockford, 1944 (the type species), Wass, 1966, has shown that this specimen is identical with specimens of *Fenestella horologia* Bretnall, 1926. He therefore considered *Minilya* to be a junior subjective synonym of *Fenestella*.

CPC 1290O: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: Little Flow, beside track east of Mount Arthur, West Kimberleys, Western Australia. 18.4644°E, 124.2333°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1291F: Cited specimen - CROCKFORD, 1957, p. 57.

Locality: K.Nura 1 - 4.5 miles (7.2 km) west of Mount Wynne Trigonometric Point, West Kimberleys, Western Australia. Approx. 18.080°S, 124.392°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 7097: Cited specimen - WASS, 1968, pp. 56-57.

Locality: L2575 - 1.3 km at 290° from "Cracow" homestead, 9.7 km south of Cracow township, Queensland, Australia. 25.3667°S, 150.2833°E. MUNDUBBERA 1:250,000 sheet SG56-5.

Horizon: Buffel Formation, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7098: Cited specimen - WASS, 1968, pp. 56-57.

Locality: SP732 - Reids Dome, 480 m at 55° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3333°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7099 to 7102: Cited specimens - WASS, 1968, pp. 56-57.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7715, 7716: Cited specimens - WASS, 1967B, p. 166.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

CPC 30418: Cited specimen (as F 793) - CROCKFORD, 1944, p. 158.

Locality: Callytharra, Wooramel River, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Identified but not published by Crockford is F 810, now CPC 30419, from the Wooramel River below Callytharra.

Fenestella sp. cf. horologia BRETNALL, 1926

See Minilya sp. cf. duplaris

Fenestella lennardi (CROCKFORD, 1944)

See also Fenestrellina lennardi

CPC 7717: Cited specimen - WASS, 1967B, pp. 166-167.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

Fenestella pikerensis ROSS, 1961

CPC 939: HOLOTYPE - ROSS, 1961, pp. 70-71, pl. 18, fig. 1.

Locality: R16-2 - Piker Hills, 4 miles (6.4 km) at 164° from Long Hole Bore, "Fossil Downs" Station, Kimberley District, Western Australia.

Horizon: Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Middle to Late Famennian, Late Devonian.

Remarks: CPC 939, 940, 964 and 971 are in slides cut from the one original sample. On pp. 89 and 97, the locality is given as 4 miles, on p. 70 as 4.5 miles from Long Hole Bore.

Fenestella princeps (CROCKFORD, 1944)

See also Minilya princeps

Wass, 1966, has shown that *Minilya* is a junior synonym of *Fenestella*.

CPC 1112B: Cited specimen - CROCKFORD, 1957, p. 68.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1206A: Cited specimen - CROCKFORD, 1957, p. 68.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1246: Cited specimen - CROCKFORD, 1957, p. 68.

Locality, horizon and age as for CPC 1112B.

CPC 1290L: Cited specimen - CROCKFORD, 1957, p. 68.

Locality: Little Flow, beside track east of Mount Arthur, West Kimberleys, Western Australia. 18.4644°E, 124.2333°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fenestella sparsigemmata (CROCKFORD, 1944)

See also Fenestrellina sparsigemmata

CPC 300: HOLOTYPE - CROCKFORD, 1944B, p. 159, pl. IV, fig. 9.

Locality: Wooramel River west of Callytharra, Western Australia.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Formerly F 785, identified as *Fenestella spinulifera* by Chapman, p. 128 in Raggatt, 1936.

Fenestella spinifera (CROCKFORD, 1946)

CPC 7107: Figured specimen - WASS, 1968, pp. 70-72, pl. 16, fig. 5.

Locality: SP732 - Reids Dome, 480 m at 55° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3333°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7108: Cited specimen - WASS, 1968, pp. 70-72.

Locality: SP748 - 8.7 km at 183° from AOE No. 2 well, about 8 km northwest of "Rewan" homestead, Queensland, Australia. 24.9167°S, 148.3333°E. SPRINGSURE 1:250,000 sheet .

Horizon: Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

Fenestella springsurensis WASS, 1968

CPC 7036: HOLOTYPE - WASS, 1968, pp. 74-76, pl. 16, fig. 1.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7037: Figured paratype - WASS, 1968, pp. 74-76, pl. 16, fig. 2.

Locality, horizon and age as for CPC 7036.

CPC 7111: Figured specimen - WASS, 1968, pp. 74-76, pl. 16, fig. 3.

Locality, horizon and age as for CPC 7036.

Fenestella valentis (CROCKFORD, 1944)

See also Fenestrellina valentis

CPC 1213A, 1239: Cited specimens - CROCKFORD, 1957, p. 58.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Topotypic.

CPC 1297A: Cited specimen - CROCKFORD, 1957, p. 58.

Locality: SP26 - on track, 1 mile (1.6 km) at 200° from Barnett's Tank on Sixty-Seven Mile Creek, West Kimberleys, Western Australia. 17.61697°S, 124.65144°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fenestella westralis ROSS, 1961

CPC 938: HOLOTYPE - ROSS, 1961, pp. 71-72, pl. 19, fig. 2.

Locality: K403 - Kudata Gap area, Sadler Ridge, 1-2 miles (1.6-3.2 km) southeast of Prices Hill, Emanuel Range, Kimberley District, Western Australia.

Horizon: Sadler Formation, Lennard Shelf, Canning Basin.

Age: *Emanuella torrida* Zone?, Early Frasnian, Late Devonian.

Fenestella sp. nov. CROCKFORD, 1957

CPC 1201B: Figured specimen - CROCKFORD, 1957, pp. 60-61, text-fig. 11.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU'990.⁷⁸988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fenestella (Parafenestella) sp. WASS, 1968

CPC 7038: Figured specimen - WASS, 1968, pp. 78-80, text-fig. 13; pl. 17, fig. 4.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7122: Cited specimen - WASS, 1968, pp. 78-80.

Locality, horizon and age as for CPC 7038.

Fenestrellina affluensa (BRETNALL, 1926)

Fenestrellina alia CROCKFORD, 1944

Fenestrellina chapmani CROCKFORD, 1944

Fenestrellina horologia (BRETNALL, 1926)

Fenestrellina lennardi CROCKFORD, 1944

Fenestrellina sparsigemmata CROCKFORD, 1944

Fenestrellina valentis CROCKFORD, 1944

See under *Fenestella* for each of the above.

Crockford (1944a, b) placed these species in *Fenestrellina* because of then-perceived nomenclatural problems with *Fenestella*.

Fistulamina lata CROCKFORD, 1957

CPC 1077A: Cited specimen - CROCKFORD, 1957, pp. 21-22.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*. Also from this locality, but not cited by Crockford, is CPC 1080A; its identity is recorded on an old index card.

CPC 1077B: Figured specimen - CROCKFORD, 1957, pp. 21-22, pl. 4, fig. 7.

Locality, horizon and age as for CPC 1077A.

CPC 1077C: HOLOTYPE - CROCKFORD, 1957, pp. 21-22, pl. 4, fig. 6.

Locality, horizon and age as for CPC 1077A.

CPC 1078A: Cited specimen - CROCKFORD, 1957, pp. 21-22.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1079A, 1230B: Cited specimens - CROCKFORD, 1957, pp. 21-22.

Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and ¾ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fistulamina sp. WASS, 1967

CPC 7706: Figured specimen - WASS, 1967B, pp. 163-164, pl. V, fig. 1.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

Fistulipora liveringa CROCKFORD, 1957

CPC 1057: HOLOTYPE - CROCKFORD, 1957, p. 14, pl. 2, figs 5, 6.

Locality: PR261 - 8 miles (12.9 km) south from Donkey Gorge Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 19.0384°S, 125.7377°E. CROSSLAND 1:250,000 sheet SE51-16

Horizon: Base of the Liveringa Formation (now Lightjack Formation, Liveringa Group), Canning (formerly Fitzroy) Basin.

Age: Kungurian to Ufimian, Late Early to Early Late Permian.

Fistulipora nura CROCKFORD, 1957

CPC 1054: HOLOTYPE - CROCKFORD, 1957, p. 12, pl. 1, figs 1-3.

Locality: W42B-C - near the north end of Lake Josceline, west of Mount Wynne, West Kimberleys, Western Australia. 18.101°S, 124.423°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

Fistulipora pillarensis ROSS, 1961

CPC 931: HOLOTYPE - ROSS, 1961, p. 62, pl. 16, figs 2-3, 5; pl. 17, figs 1, 5.

Locality: K463 - Section DMP1 (type section, Pillara Limestone), level A11, on the ridge above the east side of Menyoub's Gap, about 700 m south-southeast of Emanuels Bore, Pillara Range, Kimberley District, Western Australia. 18.39632815°S, 125.8406159°E. ZV⁸0014.796360, FITZROY CROSSING 1:100,000 sheet 4061; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: 1150-1160 ft (350-354 m) above the base of the Pillara Formation, Lennard Shelf, Canning Basin.

Age: *Amphipora ramosa* Zone, Late Givetian, Middle Devonian.

Fistulipora sadlerensis ROSS, 1961

CPC 932: HOLOTYPE - ROSS, 1961, pp. 63-64, pl. 14, fig. 4; pl. 17, fig. 3.

Locality: K236 - Section DD2, level C1; on the north slope of the Emanuel Range about 2 km northwest of where the range turns northeast into Sadler Ridge, West Kimberleys, Western Australia. 18.512608°S, 125.943728°E. Approximately ZV⁸1061.793798, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: 21.3 m above the base of the Sadler Formation (overlying the Pillara Limestone), Lennard Shelf, Canning Basin.

Age: *Ladjia saltica* Zone, Early Frasnian, Late Devonian.

CPC 933: Figured paratype - ROSS, 1961, pp. 63-64, pl. 16, fig. 6, pl. 17, fig. 6.

Locality, horizon and age as for CPC 932.

CPC 934: Paratype - ROSS, 1961, pp. 63-64.

Locality, horizon and age as for CPC 932.

CPC 935: Figured paratype - ROSS, 1961, pp. 63-64, pl. 19, fig. 1.

Locality, horizon and age as for CPC 932.

CPC 936: Figured paratype - ROSS, 1961, pp. 63-64, pl. 14, fig. 6.

Locality, horizon and age as for CPC 932.

CPC 970: Figured specimen - ROSS, 1961, pp. 63-64, pl. 14, fig. 2; pl. 17, fig. 4.

Locality: K244 - Section DD2, level C9; on the north slope of the Emanuel Range about 2 km northwest of where the range turns northeast into Sadler Ridge, West Kimberleys, Western Australia. 18.512540°S, 125.944392°E. Approximately ZV⁸1068.793806, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: 25 m above the base of the Sadler Formation (overlying the Pillara Limestone), Lennard Shelf, Canning Basin.

Age: *Ladjia saltica* Zone, Early Frasnian, Late Devonian.

Fistulipora stereos CROCKFORD, 1957

CPC 1058: HOLOTYPE - CROCKFORD, 1957, pp. 13-14, pl. 1, figs 4, 5.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km

southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1059: Cited specimen - CROCKFORD, 1957, p. 13.

Locality: FL145 - probably in the vicinity of the Fenton Fault, near Barnes Flow, southeast of Mount Arthur, West Kimberleys, Western Australia. 18.57°S, 124.39°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fistulipora vacuolata CROCKFORD, 1944

CPC 1053: Cited specimen - CROCKFORD, 1957, p. 12.

Locality: PR302A - near track, 3 miles (4.8 km) at 285° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.71475°S, 125.59783°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1292: Cited specimen - CROCKFORD, 1957, p. 12.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level B is at 18.695°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284B: 354-363 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Fitzroyopora oscarensis ROSS, 1961

CPC 947: HOLOTYPE, type species - ROSS, 1961, pp. 49-51, pl. 11, figs 2, 5, 7.

Locality: K283 - Oscar Hill, 10 miles (16 km) northwest of Fitzroy Crossing, West Kimberleys, Western Australia. 18.0728207°S, 125.4455128°E. YA'5885.⁸⁰0002, CUNNINGHAM 1:100,000 sheet 3961; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Middle to Late Famennian, Late Devonian.

CPC 948: Figured paratype, type species - ROSS, 1961, pp. 49-51, pl. 11, fig. 4.

Locality, horizon and age as for CPC 947.

Goniocladia bispinosa CROCKFORD, 1944

CPC 1077I: Cited specimen - CROCKFORD, 1957, p. 75.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*. CPC 1077F is also recorded as *G. bispinosa* on an old index card; it was not cited.

Goniocladia indica WAAGEN AND PICHL, 1885

CPC 1077E: Cited specimen - CROCKFORD, 1957, p. 38.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*. Incorrectly cited on p. 64 as *Polypora natalis*.

CPC 1078B: Figured specimen - CROCKFORD, 1957, p. 38. WASS, 1967A, pp. 280-281, pl. XVI, fig. 5.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU'990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Goniocladia timorensis BASSLER, 1929

CPC 1101B: Cited specimen - CROCKFORD, 1957, p. 38.

Locality: FL96 - location unknown, but probably near Barnes Flow, southeast of Mount Arthur, West Kimberleys, Western Australia. 18.57°S, 124.39°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1109A: Cited specimen - CROCKFORD, 1957, p. 38.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1111A: Cited specimen - CROCKFORD, 1957, p. 38. WASS, 1967A, p. 280.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Also from this locality, but not cited by Crockford, is CPC 1110A; its identity is recorded on an old index card.

CPC 1212: Cited specimen - CROCKFORD, 1957, p. 38.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: Near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1280: Cited specimen - CROCKFORD, 1957, p. 38.

Locality: SP25B - on a track as it crosses the ridge 2 miles (3.2 km) at 200° from Barnett's Tank, West Kimberleys, Western Australia. 17.6353°S, 124.6407°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Topmost Noonkanbah Formation or basal Liveringa Formation (which is now the Lightjack Formation, Liveringa Group), Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Granivallum fistulosum ROSS, 1961

CPC 949: HOLOTYPE, type species - ROSS, 1961, pp. 52-53, pl. 12, figs 1, 2, 4.

Locality: K325 - Section DF5, "Fossil Downs" Station, 7 miles (11.3 km) east of Bullock Paddock Bore, West Kimberleys, Western Australia.

Horizon: 11.3 m above the base of the Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Middle to Late Famennian, Late Devonian.

CPC 974: Cited specimen, type species - ROSS, 1961, pp. 52-53.

Locality: K292 - Section DF2, level A4; in or beside an east-flowing tributary of the Leopold River between the Horseshoe and Baramundi Ranges, West Kimberleys, Western Australia. 18.1142159°S, 126.1924204°E. BE20287.79492, ELMA 1:100,000 sheet 4161; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: 190 ft (58 m) above the base of the Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Late Famennian, Late Devonian.

Hexagonella australis (BRETNALL, 1926)

CPC 1066, 1067: Cited specimens - CROCKFORD, 1957, p. 19.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1068A: Cited specimen - CROCKFORD, 1957, p. 19.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1071B: Cited specimen - CROCKFORD, 1957, p. 19.

Locality: W44C - 1 mile (1.6 km) northeast from Lake Josceline, 4 miles (6.4 km) at 290° from Mt. Wynne, West Kimberleys, Western Australia. 18.085°S, 124.432°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1290G: Cited specimen - CROCKFORD, 1957, p. 19.

Locality: Little Flow, beside track east of Mount Arthur, West Kimberleys, Western Australia. 18.4644°E, 124.2333°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Hexagonella bifida CROCKFORD, 1944

CPC 1069: Cited specimen - CROCKFORD, 1957, p. 19.

Locality: R478 - 3.5 miles (5.6 km) at 110° from "Christmas Creek" homestead, West Kimberleys, Western Australia. 18.896789°S, 125.969082°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1070: Cited specimen - CROCKFORD, 1957, p. 19.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU7990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Hexagonella densa CROCKFORD, 1944

CPC 7707: Cited specimen - WASS, 1967, p. 164.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

Hexagonella hudlestoni CROCKFORD, 1957

CPC 1071A: Figured specimen - CROCKFORD, 1957, pp. 20-21, pl. 4, fig. 4.

Locality: W44C - 1 mile (1.6 km) northeast from Lake Josceline, 4 miles (6.4 km) at 290° from Mt. Wynne, West Kimberleys, Western Australia. 18.085°S, 124.432°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1072A: Cited specimen - CROCKFORD, 1957, pp. 20-21.

Locality: R478 - 3.5 miles (5.6 km) at 110° from "Christmas Creek" homestead, West Kimberleys, Western Australia. 18.896789°S, 125.969082°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1073A: Cited specimen - CROCKFORD, 1957, pp. 20-21.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1074: HOLOTYPE - CROCKFORD, 1957, pp. 20-21, pl. 4, fig. 1.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1075: Figured specimen - CROCKFORD, 1957, pp. 20-21, pl. 4, fig. 5.

Locality, horizon and age as for CPC 1074.

CPC 1076: Cited specimen - CROCKFORD, 1957, p. 20-21.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Hexagonella? lineata CROCKFORD, 1944

CPC 1284: Cited specimen - CROCKFORD, 1957, p. 21.

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1285: Cited specimen - CROCKFORD, 1957, p. 21.

Locality, horizon and age as for CPC 1284.

Remarks: Also cited on p. 57 under *Fenestella horologia*. Unusually for Crockford the two individuals are not distinguished as A and B. The entry on an old index card suggests that CPC 1285A is *H? lineata*, CPC 1285B is *F. horologia*.

CPC 1286: Cited specimen - CROCKFORD, 1957, p. 21.

Locality, horizon and age as for CPC 1284.

Leioclema globosa CROCKFORD, 1957

CPC 1138: HOLOTYPE? - CROCKFORD, 1957, p. 55, pl. 14, figs 3-4.

Locality: W36 - 400 m north of locality W44C (which is 1.6 km northeast of Lake Josceline, 6.4 km at 290° from Mount Wynne), West Kimberleys, Western Australia. 18.085°S, 124.432°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

Remarks: On p. 55 cited as holotype - but not so indicated in the original register, on the slides, or in the plate explanation, which cites the original of fig. 2 as the holotype - that is CPC 1294.

CPC 1294: HOLOTYPE? - CROCKFORD, 1957, p. 55, pl. 14, fig. 2.

Locality: P1 - 9 miles (14.5 km) east-southeast of Cuncudgerie Hill, about 206 miles (332 km) east-southeast from Port Hedland (Paterson Range photos, Run 1, photo 8231), Western Australia. PATERSON RANGE 1:250,000 sheet SF51-6.

Horizon: An unknown horizon within the Canning Basin - probably an equivalent of the Nura Nura Member (see Crockford, p. 81).

Age: Probably Sakmarian, Early Permian.

Remarks: In the plate explanation, on the specimen, and in the original register, cited as holotype; on p. 55 Crockford cites CPC 1138 as holotype.

Leioclema globosa? CROCKFORD, 1957

CPC 1137: Cited specimen - CROCKFORD, 1957, p. 55.

Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The colony was completely used to make one unfigured thin section, cited as "doubtfully referred" to the species.

Leioclema sp. WASS, 1968

CPC 7040: Figured specimen - WASS, 1968, pp. 30-31, pl. 8, fig. 4.

Locality: B628 - 11.75 km at 255° from "Havilah" homestead, about 33 km south-southwest of Collinsville, Queensland, Australia. 20.8167°S, 147.7167°E. BOWEN 1:250,000 sheet SF55-3.

Horizon: Blenheim Subgroup, Bowen Basin.

Age: Kungurian to Kazanian, Late Early to Early Late Permian.

CPC 7041: Figured specimen - WASS, 1968, pp. 30-31, pl. 7, figs 1-2.

Locality: B1570c - 12.9 km at 250° from "Havilah" homestead, about 35 km south-southwest of Collinsville, Queensland, Australia. 20.8333°S, 147.7°E. BOWEN 1:250,000 sheet SF55-3.

Horizon: Basal 16ft (5m) of the "Big *Strophalosia* Bed", Blenheim Subgroup, Bowen Basin.

Age: Kungurian to Kazanian, Late Early to Early Late Permian.

Liguloclema meridianus (ETHERIDGE, 1926)

CPC 1085C: Cited specimen - CROCKFORD, 1957, p. 37.

Locality: FL145 - probably in the vicinity of the Fenton Fault, near Barnes Flow, southeast of Mount Arthur, West Kimberleys, Western Australia. 18.57°S, 124.39°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1108A-B: Cited specimen - CROCKFORD, 1957, p. 37.

Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1109B: Cited specimen - CROCKFORD, 1957, p. 37.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1179A: Cited specimen - CROCKFORD, 1957, p. 37.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.⁷⁸988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Liguloclema typicalis CROCKFORD, 1957

CPC 1094C: Cited specimen, type species - CROCKFORD, 1957, pp. 36-37.

Locality: R422 - on a fault line 2 miles (3.2 km) south-southwest from "Bohemia Downs" Station, West Kimberleys, Western Australia. 18.9201°S, 126.2317°E. MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1106A: HOLOTYPE, type species - CROCKFORD, 1957, pp. 36-37, text-fig. 5; pl. 9, fig. 4. UTGAARD, 1983, p. 433, fig. 212(1).

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1107A: Cited specimen, type species - CROCKFORD, 1957, pp. 36-37.

Locality, horizon and age as for CPC 1106A.

CPC 1279: Cited specimen, type species - CROCKFORD, 1957, pp. 36-37.

Locality: SP49 - on track beside Bell's Creek, 6 miles (9.7 km) east of "Ellendale" homestead, West Kimberleys, Western Australia. 17.9224°S, 124.8957°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1287A: Cited specimen, type species - CROCKFORD, 1957, pp. 36-37.

Locality, horizon and age as for CPC 1106A.

Liguloclema sp. CROCKFORD, 1957

CPC 1179B: Cited specimen - CROCKFORD, 1957, p. 37.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.⁷⁸988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Mentioned as "a much larger undescribed species" of *Liguloclema* in the description of *L. meridianus*.

Liguloclema sp. WASS, 1968

CPC 7015: Figured specimen - WASS, 1968, pp. 19-20, pl. 1, fig. 3.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7016: Figured specimen WASS, 1968, pp. 19-20, Text-fig. 9.

Locality, horizon and age as for CPC 7015.

Lyropora joselina CROCKFORD, 1957

CPC 1222: Figured specimen - CROCKFORD, 1957, pp. 70-71, pl. 19, fig. 2.

Locality: W42B-C - near the north end of Lake Josceline, west of Mount Wynne, West Kimberleys, Western Australia. 18.101°S, 124.423°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1256A: HOLOTYPE - CROCKFORD, 1957, pp. 70-71, pl. 19, fig. 1.

Locality: W40 - 1/4 mile (400 m) west from locality W44C (which is 1.6 km northeast of Lake Josceline, 6.4 kmn at 290° from Mount Wynne), West Kimberleys, Western Australia. Approx. 18.085°S, 124.432°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1256B: Figured specimen - CROCKFORD, 1957, pp. 70-71, pl. 19, fig. 3.

Locality, horizon and age as for CPC 1256A.

CPC 1257, 1258: Cited specimens - CROCKFORD, 1957, pp. 70-71.

Locality: W42B-C - near the north end of Lake Josceline, west of Mount Wynne, West Kimberleys, Western Australia. 18.101°S, 124.423°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

Remarks: CPC 1257 misprinted as 1247.

Megacanthopora? scalariformis CROCKFORD, 1957

CPC 1129: HOLOTYPE - CROCKFORD, 1957, pp. 48-50, pl. 15, figs 3-6.

Locality: Section PR284 (≅ NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Minilya amplia CROCKFORD, 1944

See *Fenestella amplia*

Minilya duplaris CROCKFORD, 1944

See Fenestella horologia

Wass (1966) has shown that *Minilya duplaris* (type species of *Minilya*) is a junior subjective synonym of *Fenestella horologia*. The specimens described by Crockford as *M. duplaris* are therefore listed under *F. horologia*.

Minilya princeps CROCKFORD, 1944

See Fenestella princeps

Minilya sp. cf. duplaris CROCKFORD, 1944

Since Minilya duplaris is now considered a junior subjective synonym of Fenestella horologia, the following specimen could be referred to as Fenestella sp. cf. horologia. However, until the specimen is re-examined and compared with other species of Fenestella, it is listed under its original name. Pending such revision, it is probably best to refer to it in taxonomic or biostratigraphic papers as "Minilya sp. cf. duplaris CROCKFORD, 1944".

CPC 30420: Cited specimen (as F 794) - CROCKFORD, 1944, p. 160.

Locality: Wooramel River west of Callytharra, Western Australia.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Nicklesopora crenulata ROSS, 1961

CPC 940: HOLOTYPE - ROSS, 1961, pp. 89-90, pl. 25, fig. 4; pl. 26, fig. 4.

Locality: R16-2, Piker Hills, 4 miles (6.4 km) at 164° from Long Hole Bore, "Fossil Downs" Station, Kimberley District, Western Australia.

Horizon: Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Middle to Late Famennian, Late Devonian.

Remarks: CPC 939, 940, 964 and 971 are in slides cut from the one original sample. On pp. 89 and 97, the locality is given as 4 miles, on p. 70 as 4.5 miles from Long Hole Bore.

CPC 964: Figured paratype - ROSS, 1961, pp. 89-90, pl. 25, fig. 6.

Locality, horizon, age and remarks as for CPC 940.

Nicklesopora fitzroyensis ROSS, 1961

CPC 946: HOLOTYPE - ROSS, 1961, p. 90, pl. 26, figs 6-7.

Locality: CR157 - 4.6 miles (7.4 km) at approx. 60° from Spieler's Bore, 13.6 miles (21.9 km) west of "Leopold Downs" homestead, West Kimberleys, Western Australia (the two distances do not quite match; the locality appears to be on the southwest scarp of the Oscar Range just northwest of Linesman Creek). 17.8854°S, 125.2361°E. YA⁷370.⁸⁰210, LEOPOLD DOWNS 1:100,000 sheet 3962; LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Napier (formerly Oscar) Formation, Lennard Shelf, Canning Basin.

Age: Middle to Late Famennian, Late Devonian.

Nicklesopora leopoldensis ROSS, 1961

CPC 945: HOLOTYPE - ROSS, 1961, pp. 92-93, pl. 25, figs 5, 8; pl. 26, fig. 1.

Locality: CR157 - 4.6 miles (7.4 km) at approx. 60° from Spieler's Bore, 13.6 miles (21.9 km) west of "Leopold Downs" homestead, West Kimberleys, Western Australia (the two distances do not quite match; the locality

appears to be on the southwest scarp of the Oscar Range just northwest of Linesman Creek). 17.8854°S, 125.2361°E. YA⁷370.⁸⁰210, LEOPOLD DOWNS 1:100,000 sheet 3962; LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Napier (formerly Oscar) Formation, Lennard Shelf, Canning Basin.

Age: Middle to Late Famennian, Late Devonian.

CPC 965: Figured paratype - ROSS, 1961, pp. 92-93, pl. 25, figs 1-2.

Locality, horizon and age as for CPC 945.

Nicklesopora westralis ROSS, 1961

CPC 941: HOLOTYPE - ROSS, 1961, pp. 93-94, pl. 26, figs 2-3, 5.

Locality: R54 - north flank of the North Hull Range, 6 miles (9.7 km) at 74° from Horse Springs, "Fossil Downs" Station, West Kimberleys, Western Australia. 18.188168°S, 126.112845°E. AE¹946.⁷⁹866, ELMA 1:100,000 sheet 4161; MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Napier (formerly Fossil Downs) Formation, Lennard Shelf, Canning Basin.

Age: Middle to Late Famennian, Late Devonian.

CPC 942 to 944: Paratypes - ROSS, 1961, pp. 93-94.

Locality, horizon and age as for CPC 941.

Remarks: Original slides of CPC 942 and 943 lost, replaced by new slides cut by Ross.

Penniretepora fossata CROCKFORD, 1944

CPC 306: HOLOTYPE (formerly F 803) - CROCKFORD, 1944B, pp. 163-164, pl. V, fig. 6.

Locality: Wooramel River below Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Also from this locality is CPC 30430 (formerly F 807), identified but not cited by Crockford.

Penniretepora granulata CROCKFORD, 1944

CPC 325: HOLOTYPE (formerly F 800) - CROCKFORD, 1944B, p. 163, text-fig. 44, pl. V, fig. 9.

Locality: Wooramel River below Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: F812 (now CPC 30422) from the same locality was identified but not cited by Crockford.

CPC 30421: Cited specimen (as F 797) - CROCKFORD, 1944B, p. 163.

Locality: West of Callytharra, Wooramel River, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Penniretepora triporosa CROCKFORD, 1944

CPC 305: HOLOTYPE (formerly F 795) - CROCKFORD, 1944B, pp. 161-163, text-fig. 49; pl. V, fig. 4. WASS, 1968, pp. 40-42.

Locality: Wooramel River west of Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Also identified by Crockford, but not cited, are F 802 (now CPC 30427) from the Wooramel River below Callytharra, and F 811 (now CPC 30428) from Callytharra.

CPC 7027: Cited specimen - WASS, 1968, pp. 40-42.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

Penniretepora sp. WASS, 1968

CPC 7039: Figured specimen - WASS, 1968, pp. 42-43, pl. 11, fig. 3.

Locality: SL643 - hill on the south side of Yatton Creek 1.1 km east of the Bruce Highway, 16 km north-northeast of "Yatton" homestead, Queensland, Australia. 22.5333°S, 149.2167°E. ST LAWRENCE 1:250,000 sheet SF55-12.

Horizon: Tiverton Subgroup, Bowen Basin.

Age: Kungurian to Kazanian, Late Early to Early Late Permian.

CPC 7103: Cited specimen - WASS, 1968, pp. 42-43.

Locality, horizon and age as for CPC 7039.

CPC 7104: Cited specimen - WASS, 1968, pp. 42-43.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7105: Cited specimen - WASS, 1968, pp. 42-43.

Locality: L2580 - immediately west of the crossing of Orange Creek by the Theodore-Cracow road, west of Cracow, Queensland, Australia. 25.3000°S, 150.2667°E. MUNDUBBERA 1:250,000 sheet SG56-5.

Horizon: Oxtrack Formation, Bowen Basin.

Age: Kungurian to Kazanian, Late Early to Early Late Permian.

CPC 7106: Cited specimen - WASS, 1968, pp. 42-43.

Locality: L2575 - 1.3 km at 290° from "Cracow" homestead, 9.7 km south of Cracow township, Queensland, Australia. 25.3667°S, 150.2833°E. MUNDUBBERA 1:250,000 sheet SG56-5.

Horizon: Buffel Formation, Bowen Basin.

Age: Artinskian, Early Permian.

Percyopora occidentalis ROSS, 1961

CPC 951: HOLOTYPE - ROSS, 1961, pp. 47-48, pl. 10, fig. 7; pl. 11, figs 1, 3.

Locality: R40 - at the eastern end of the valley between the Horseshoe and North Hull Ranges, 8 miles (12.9 km) at 74° from Horse Spring, "Fossil Downs" Station, West Kimberleys, Western Australia. 18.180315°S, 126.142045°E. AE¹976.79875, ELMA 1:100,000 sheet 4161; MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Middle to Late Famennian, Late Devonian.

Percyopora tubulata ROSS, 1961

CPC 950: HOLOTYPE, type species - ROSS, 1961, pp. 46-47, pl. 9, figs 7, 8.

Locality: FV20 - one mile (1.6 km) at 104° from Mount Percy, northwest end of the Oscar Range, "Leopold Downs" Station, Kimberley district, Western Australia. 17.61984°S, 124.94001°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Fairfield Beds, Lennard Shelf, Canning Basin.

Age: *Avonia proteus* Zone, Middle to Late Famennian, Late Devonian.

- CPC 958:** Figured paratype, type species - ROSS, 1961, pp. 46-47, pl. 9, figs 2, 4.
Locality, horizon and age as for CPC 950.
- CPC 959:** Figured paratype, type species - ROSS, 1961, pp. 46-47, pl. 10, fig. 2.
Locality, horizon and age as for CPC 950.
- CPC 960:** Figured paratype, type species - ROSS, 1961, pp. 46-47, pl. 9, fig. 5.
Locality, horizon and age as for CPC 950.
- CPC 961 to 963:** Paratypes, type species - ROSS, 1961, pp. 46-47.
Locality, horizon and age as for CPC 950.
- CPC 966:** Status uncertain (see remarks) - ROSS, 1961, pp. 46-47; possibly either pl. 7, fig. 6 or pl. 9, fig. 6.
Locality, horizon and age as for CPC 950.
Remarks: The original slides were lost, and replacements cut by Ross; as a result it is not possible to tell if this is a completely uncited specimen, or was originally one of the slides figured pl. 7, fig. 6 or pl. 9, fig. 6, for both of which no catalogue number or repository is cited.
- CPC 967:** Figured specimen, type species - ROSS, 1961, pp. 46-47, pl. 10, fig. 5.
Locality, horizon and age as for CPC 950.
Remarks: Original slides lost, replacements cut by Ross.
- CPC 975:** Figured specimen, type species - ROSS, 1961, pp. 46-47, pl. 9, fig. 3; pl. 10, figs 3, 4, 6.
Locality, horizon and age as for CPC 950.
- CPC 976:** Figured specimen, type species - ROSS, 1961, pp. 46-47, pl. 10, fig. 1.
Locality, horizon and age as for CPC 950.

Polypora bruteni WASS, 1967

See also Polypora sp. nov. Crockford, 1957

Crockford's figured specimen (CPC 1250) explicitly and her cited specimens implicitly were included in ;his new species by Wass, 1967B, p. 168.

- CPC 1078H:** Cited specimen - CROCKFORD, 1957, p. 66.
Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU7990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1229B:** Cited specimen - CROCKFORD, 1957, p. 66.
Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1250:** Figured specimen - CROCKFORD, 1957, p. 66, pl. 17, fig. 3. WASS, 1967B, p. 168.
Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.
Wass, 1967, gives the locality as 4 miles at 260° from Chestnut Bore.
Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 7721:** Cited specimen - WASS, 1967B, p. 168.
Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S,

129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

Polypora fovea CROCKFORD, 1944

CPC 1227: Cited specimen - CROCKFORD, 1957, p. 62.

Locality: R422 - on a fault line 2 miles (3.2 km) south-southwest from "Bohemia Downs" Station, West Kimberleys, Western Australia. 18.9201°S, 126.2317°E. MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1228: Cited specimen - CROCKFORD, 1957, p. 62.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU7990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1229A: Cited specimen - CROCKFORD, 1957, p. 62.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Polypora keppelensis CROCKFORD, 1946

CPC 7112: Figured specimen - WASS, 1968, pp. 47-48, pl. 12, fig. 2.

Locality: MC293, 370 m down the creek from "Blenheim" homestead, Queensland, Australia. 21.0667°S, 148.2167°E. MT COOLON 1:250,000 sheet SF55-7.

Horizon: Blenheim Subgroup, Bowen Basin.

Age: Kungurian to Kazanian, Late Early to Early Late Permian.

CPC 7113 tp 7115: Cited specimens - WASS, 1968, pp. 47-48.

Locality, horizon and age as for CPC 7112.

Polypora kimberleyensis CROCKFORD, 1957

CPC 1068M: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1073J: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1115D: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km

southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1171C: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level N is at 18.719°S, 125.609°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284N: 250-262 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1173C: HOLOTYPE - CROCKFORD, 1957, pp. 62-63, pl. 17, figs 1-2.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Crockford cited this specimen only as CPC 1173; accompanying labels provide the correct identification.

CPC 1184C: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality, horizon and age as for CPC 1115D.

CPC 1187O: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality, horizon and age as for CPC 1068M.

CPC 1191B, 1210B, 1213F-G: Cited specimens - CROCKFORD, 1957, pp. 62-63.

Locality, horizon and age as for CPC 1173.

CPC 1216D: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1224C: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. Approx. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1238D: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality, horizon and age as for CPC 1173.

CPC 1240: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality, horizon and age as for CPC 1216D.

CPC 1241: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*.

CPC 1242: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: PR302A - near track, 3 miles (4.8 km) at 285° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.71475°S, 125.59783°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1243: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: R478 - 3.5 miles (5.6 km) at 110° from "Christmas Creek" homestead, West Kimberleys, Western Australia. 18.896789°S, 125.969082°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1244: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality, horizon and age as for CPC 1173.

CPC 1245: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality, horizon and age as for CPC 1224C.

CPC 1246A: Cited specimen - CROCKFORD, 1957, pp. 63-63.

Locality, horizon and age as for CPC 1244.

CPC 1288: Cited specimen - CROCKFORD, 1957, pp. 62-63.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Polypora lyndoni ROSS, 1963

CPC 4709: HOLOTYPE - ROSS, 1963, pp. 77-80, pl. 9, fig. 6, pl. 11, fig. 5.

Locality: ML107, 100 ft (30.5 m) west of ML106, which is about 4.8 km north-northeast of Round Hill Well, 1.6 km west of Kialawibri Creek Crossing, "Winning" station, Lyndon River area northwest of Carnarvon, Western Australia. 23.35°S, 114.70°E. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: Uppermost Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: Considered by Ross (following Teichert) to be Sakmarian, now thought by BMR palaeontologists to be Asselian.

CPC 4710: Paratype - ROSS, 1963, pp. 77-80.

Locality, horizon, age and remarks as for CPC 4709.

CPC 4711: Figured paratype - ROSS, 1963, pp. 77-80, pl. 9, fig. 12.

Locality, horizon, age and remarks as for CPC 4709.

CPC 4712 to 4717: Paratypes - ROSS, 1963, pp. 77-80.

Locality, horizon, age and remarks as for CPC 4709.

CPC 4718 to 4724: Paratypes - ROSS, 1963, pp. 77-80.

Locality, horizon and age as for CPC 4709.

Remarks: Locality incorrectly given as ML109 by Ross, 1963. Considered by Ross (following Teichert) to be Sakmarian, now thought by BMR palaeontologists to be Asselian.

CPC 4725 to 4730: Paratypes - ROSS, 1963, pp. 77-80.

Locality: ML6, 3.5 miles (5.6 km) W of north "Moogooree" homestead, northwest of Carnarvon, Western Australia. 24.000°S, 115.2833°E.

Horizon: Probably from the lowest marine beds in the Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: As CPC 4709.

CPC 4731 to 4736: Paratype - ROSS, 1963, pp. 77-80.

Locality: ML90, about 3.2 km NNE of Round Hill Well, "Winning" station, Lyndon River area, Western Australia. 23.350°S, 114.6833°E. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: 45 ft (13.7 m) below the top of the Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: As CPC 4709.

CPC 4737: Figured paratype - ROSS, 1963, pp. 77-80, pl. 11, fig. 4.

Locality: ML109, 410 ft (125 m) west of ML106, which is about 4.8 km north-northeast of Round Hill Well, 1.6 km west of Kialawibri Creek crossing, "Winning" Station, Lyndon River area northwest of Carnarvon, Western Australia. 23.35°, 114.70°. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: Upper Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: The locality was considered by Ross (following Teichert) to be Sakmarian, but is now thought by BMR palaeontologists to be Asselian. Crespin (1974, p. 138), following Ross, cites ML109-10 (= CPC 4737) for the specimen illustrated pl. 9, figs 10-11; this is actually ML109-11 (= CPC 5188).

CPC 5188: Figured paratype - ROSS, 1963, pp. 77-80, pl. 9, figs 10-11.

Locality, horizon and age as for CPC 4737.

Remarks: The specimen cited as ML109-11 on pl. 11, fig. 4 is actually ML109-10 (= CPC 4737), that on pl. 9, figs 10-11 being ML109-11 (= CPC 5188).

Polypora megastoma DE KONINCK, 1863

CPC 1082B: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1207: Figured specimen - CROCKFORD, 1957, p. 61, pl. 16, figs 2-3.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1218: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: PR137H - about ½ km west of road, 3 miles (4.8 km) at 235° from Bruten's Yard (180 m northeast of locality PR137G), West Kimberleys, Western Australia. 18.75836°S, 125.59943°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1219A-B: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: R422 - on a fault line 2 miles (3.2 km) south-southwest from "Bohemia Downs" Station, West Kimberleys, Western Australia. 18.9201°S, 126.2317°E. MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1226: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and ¾ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Polypora multiporifera CROCKFORD, 1944

CPC 1268: Cited specimen - CROCKFORD, 1957, p. 62.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Polypora natalis CROCKFORD, 1957

CPC 1068N-O: Cited specimens - CROCKFORD, 1957, pp. 64-65.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1084F: Cited specimen - CROCKFORD, 1957, pp. 64-65.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level N is at 18.719°S, 125.609°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284N: 250-262 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1195E, 1248, 1249: Cited specimens - CROCKFORD, 1957, pp. 64-65.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1289: HOLOTYPE - CROCKFORD, 1957, pp. 64-65, text-fig. 12; pl. 18, figs 1-2.

Locality: KNF173, probably = PR288 - beside track, 2 miles (3.2 km) at 260° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.73895°S, 125.60688°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Remarks: The locality number is given as 8B in the text - a locality not listed on p. 88. The original Type Register gives it as KNF173, which seems to be the same as Crockford's 8A (= PR288, or NK20).

Polypora obesa CROCKFORD, 1957

CPC 1111D: Cited specimen - CROCKFORD, 1957, p. 67.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1229C: Cited specimen - CROCKFORD, 1957, p. 67.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Topotypic.

CPC 1247B: Cited specimen - CROCKFORD, 1957, p. 67.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1255: HOLOTYPE - CROCKFORD, 1957, p. 67, pl. 19, fig. 4.

Locality, horizon and age as for CPC 1229C.

Polypora rectifis CROCKFORD, 1944

CPC 7718: Cited specimen - WASS, 1967B, p. 167.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

Polypora sp. nov. CROCKFORD, 1957

See Polypora bruteni Wass, 1967, which includes Crockford's unnamed species.

Polypora virga LASERON, 1918

CPC 7110: Figured specimen - WASS, 1968, pp. 51-53, pl. 13, fig. 2.

Locality: SP748 - 8.7 km at 183° from AOE No. 2 well, about 8 km northwest of "Rewan" homestead, Queensland, Australia. 24.9167°S, 148.3333°E. SPRINGSURE 1:250,000 sheet .

Horizon: Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

Polypora wadei CROCKFORD, 1957

CPC 1080B: HOLOTYPE - CROCKFORD, 1957, pp. 65-66, pl. 17, fig. 4. WASS, 1967B, p. 167.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. Wass gives the location of CPC 1080B as 21 miles (33.8 km) southeast of "Cherrabun" (i.e. the old homestead), 2.9 miles (4.7 km) at 70° from Chestnut Bore, 18°43'S, 125°32'E. The former bearing and distance indicates a point which agrees with the latitude and longitude, the latter bearing indicates a point some kilometres to the east-northeast. However, the first point leads to the probability that Tank Bore (not shown as such on any map) is Flowing Bore on the BRUTEN 1:100,000 sheet. This uncertainty means the locality can be given only an approximate position: 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1116E, 1247A: Cited specimens - CROCKFORD, 1957, pp. 65-66.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km

southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Incorrectly also cited on p. 79 as *Streblotrypa minutula*.

CPC 1252: Cited specimen - CROCKFORD, 1957, pp. 65-66.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1253: Cited specimen - CROCKFORD, 1957, pp. 65-66.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU7990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1254: Cited specimen - CROCKFORD, 1957, pp. 65-66.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 7719: Cited specimen - WASS, 1967B, pp. 167-168.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

CPC 7720: Cited specimen - WASS, 1967B, p. 167-168.

Locality: SP323 - Australian Aquitaine Petroleum seismic hole 8 miles (12.9 km) north-northeast of Fossil Head, Northern Territory. 14.4333°S, 129.5667°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

Polypora woodsi (ETHERIDGE, 1892)

CPC 1153B: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1187E: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1231: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1234B: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.⁷⁸988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1238C: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Topotypic.

CPC 1290M: Cited specimen - CROCKFORD, 1957, p. 61.

Locality: Little Flow, beside track east of Mount Arthur, West Kimberleys, Western Australia. 18.4644°E, 124.2333°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 7109: Cited specimen - WASS, 1968, pp. 53-54.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7123: Figured specimen - WASS, 1968, pp. 53-54, pl. 13, fig. 3.

Locality: SP748 - 8.7 km at 183° from AOE No. 2 well, about 8 km northwest of "Rewan" homestead, Queensland, Australia. 24.9167°S, 148.3333°E. SPRINGSURE 1:250,000 sheet .

Horizon: Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

Prismopora digitata CROCKFORD, 1957

CPC 1073B: HOLOTYPE - CROCKFORD, 1957, pp. 23-24, pl. 5, fig. 1.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1073C: Figured specimen - Crockford, 1957, pp. 23-24, pl. 5, fig. 2.

Locality, horizon and age as for CPC 1073B.

CPC 1081A, 1082A, 1083A-C: Cited specimens - CROCKFORD, 1957, pp. 23-24, pl. 5, fig. 2.

Locality, horizon and age as for CPC 1073B.

CPC 1084A: Cited specimen - CROCKFORD, 1957, pp. 23-24.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level N is at 18.719°S, 125.609°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284N: 250-262 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1085A: Cited specimen - CROCKFORD, 1957, pp. 23-24.

Locality: FL145 - probably in the vicinity of the Fenton Fault, near Barnes Flow, southeast of Mount Arthur, West Kimberleys, Western Australia. Approximately 18.57°S, 124.39°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1086: Figured specimen - CROCKFORD, 1957, pp. 23-24, pl. 5, figs 3-4.

Locality, horizon and age as for CPC 1073B.

CPC 1150A: Cited specimen - Crockford, 1957, pp. 23-24.

Locality, horizon and age as for CPC 1073B.

Prismopora? attenuata CROCKFORD, 1957

CPC 1087: HOLOTYPE - CROCKFORD, 1957, pp. 26-27, pl. 5, figs 6-7.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Prismopora? triradiata CROCKFORD, 1957

CPC 1088: HOLOTYPE - CROCKFORD, 1957, pp. 24-26, pl. 6, figs 2-4.

Locality: PR288 (= NK20) - beside track, 2 miles (3.2 km) at 260° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.73895°S, 125.60688°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1089A: Figured specimen - CROCKFORD, 1957, pp. 24-26, pl. 6, fig. 1.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU'990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1090: Cited specimen - CROCKFORD, 1957, pp. 24-26.

Locality: PR302A - near track, 3 miles (4.8 km) at 285° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.71475°S, 125.59783°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1091: Cited specimen - CROCKFORD, 1957, pp. 24-26.

Locality: R478 - 3.5 miles (5.6 km) at 110° from "Christmas Creek" homestead, West Kimberleys, Western Australia. 18.896789°S, 125.969082°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1092: Cited specimen - CROCKFORD, 1957, pp. 24-26.

Locality: PR137G - about 800 m west of road, about 3 miles (5 km) at 235° from Bruten's Yard (180 m southwest of locality PR137H), West Kimberleys, Western Australia. 18.75953°S, 125.59782°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1093A-B: Cited specimen - CROCKFORD, 1957, pp. 24-26.

Locality: PR126 - probably near Blue Bush Bore, "Cherrabun" Station, West Kimberleys, Western Australia.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1094A: Cited specimen - CROCKFORD, 1957, pp. 24-26.

Locality: R422 - on a fault line 2 miles (3.2 km) south-southwest from "Bohemia Downs" Station, West Kimberleys, Western Australia. 18.9201°S, 126.2317°E. MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: From an old index card, CPC 1094B is a second colony in the specimen, not referred to by Crockford.

CPC 1095: Cited specimen - CROCKFORD, 1957, pp. 24-26.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Protoretepora ampla (LONSDALE, 1844)

CPC 1259: Cited specimen - CROCKFORD, 1957, p. 68.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 7026: Figured specimen - WASS, 1968, pp. 55-56, pl. 13, fig. 4.

Locality: SP732 - Reids Dome, 480 m at 55° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3333°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7722: Cited specimen - WASS, 1967B, pp. 168-169.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

Protoretepora flexuosa CROCKFORD, 1957

CPC 1168D: Cited specimen - CROCKFORD, 1957, pp. 69-70.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level N is at 18.719°S, 125.609°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284N: 250-262 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1174C: Cited specimen - CROCKFORD, 1957, pp. 69-70.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1261: HOLOTYPE - CROCKFORD, 1957, pp. 69-70, pl. 18, fig. 4.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1262A-B: Cited specimens - CROCKFORD, 1957, pp. 69-70.

Locality, horizon and age as for CPC 1174C.

CPC 1263, 1264: Cited specimens - CROCKFORD, 1957, pp. 69-70.

Locality, horizon and age as for CPC 1261.

Remarks: Topotypic.

CPC 1265: Figured specimen - CROCKFORD, 1957, pp. 69-70, pl. 18, fig. 5.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR294A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1267: Cited specimen - CROCKFORD, 1957, pp. 69-70.

Locality, horizon and age as for CPC 1265.

CPC 1269: Cited specimen - CROCKFORD, 1957, pp. 69-70.

Locality: PR137H - about ½ km west of road, 3 miles (4.8 km) at 235° from Bruten's Yard (180 m northeast of locality PR137G), West Kimberleys, Western Australia. 18.75836°S, 125.59943°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Protoretepora robusta (BASSLER, 1929)

CPC 1116D, 1260: Cited specimens - CROCKFORD, 1957, p. 68.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Ramipora ambrosioides (BRETNALL, 1926)

See also Ramipora ambrosioides, Aetomacladia ambrosioides

CPC 118A: Figured specimen - CROCKFORD, 1944A, pp. 193-194, pl. I, fig. 3.

Locality: Wooramel River west of Callytharra Springs, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Originally quoted as CPC 118, a number also applied to a foraminiferan by Crespin in 1938.

CPC 1114: Cited specimen - CROCKFORD, 1957, pp. 38-39.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from

Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1158: Cited specimen - CROCKFORD, 1957, pp. 38-39.

Locality: PR288 (= NK20) - beside track, 2 miles (3.2 km) at 260° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.73895°S, 125.60688°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1278A: Cited specimen - CROCKFORD, 1957, pp. 38-39.

Locality: SP49 - on track beside Bell's Creek, 6 miles (9.7 km) east of "Ellendale" homestead, West Kimberleys, Western Australia. 17.9224°S, 124.8957°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Crockford cited this specimen only as CPC 1278; accompanying labels provide the correct identification.

CPC 7017: Figured specimen - WASS, 1968, pp. 22-23, pl. 2, fig. 1.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7018: Figured specimen - WASS, 1968, pp. 22-23, pl. 1, fig. 4.

Locality, horizon and age as for CPC 7017.

CPC 7019: Figured specimen - WASS, 1968, pp. 22-23, pl. 1, fig. 5.

Locality, horizon and age as for CPC 7017.

CPC 7020: Figured specimen - WASS, 1968, pp. 22-23, pl. 2, fig. 2.

Locality, horizon and age as for CPC 7017.

CPC 7021: Cited specimen - WASS, 1968, pp. 22-23.

Locality, horizon and age as for CPC 7017.

CPC 7022 to 7024: Cited specimens - WASS, 1968, pp. 22-23.

Locality: SP732 - Reids Dome, 480 m at 55° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3333°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

Ramipora ambrosoides (BRETNALL, 1926)

See Ramipora ambrosioides

Incorrect spelling by Crockford, 1944A and 1957.

Rhabdomeson bretnalli CROCKFORD, 1957

CPC 1167B: Cited specimen - CROCKFORD, 1957, pp. 75-76.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1187B: Figured specimen - CROCKFORD, 1957, pp. 75-76, pl. 20, fig. 6.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1187C: Cited specimen - CROCKFORD, 1957, pp. 75-76.

Locality, horizon and age as for CPC 1187B.

CPC 1188A: Cited specimen - CROCKFORD, 1957, pp. 75-76.

Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and ¾ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1189A: HOLOTYPE - CROCKFORD, 1957, pp. 75-76, pl. 20, figs 4, 5, 7.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1190: Cited specimen - CROCKFORD, 1957, pp. 75-76.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level R is at 18.724°S, 125.610°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284R: 226-238 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Rhabdomeson grande BASSLER, 1929

CPC 1144B: Figured specimen - CROCKFORD, 1957, p. 75, pl. 19, fig. 5.

Locality: R478 - 3.5 miles (5.6 km) at 110° from "Christmas Creek" homestead, West Kimberleys, Western Australia. 18.896789°S, 125.969082°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Rhabdomeson mammillatum (BRETNALL, 1926)

CPC 1077H: Cited specimen - CROCKFORD, 1957, p. 73.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*.

CPC 1078D: Cited specimen - CROCKFORD, 1957, p. 73.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU^{7990.78988}, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Also from this locality, but not cited by Crockford, is CPC 1064D; its identity is recorded in the original Type Register.

CPC 1113A: Cited specimen - CROCKFORD, 1957, p. 73.

Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The locality is incorrectly cited as 12 (= PR291).

CPC 1126C: Cited specimen - CROCKFORD, 1957, p. 73.

Locality: SP49 - on track beside Bell's Creek, 6 miles (9.7 km) east of "Ellendale" homestead, West Kimberleys, Western Australia. 17.9224°S, 124.8957°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1182: Cited specimen - CROCKFORD, 1957, p. 73.

Locality, horizon and age as for CPC 1078D.

CPC 1283C: Cited specimen - CROCKFORD, 1957, p. 73.

Locality: SP37 - 6 miles (9.7 km) at 335° from Pilot's Camp, on the track from Barnett's Tank to "Ellendale" homestead, West Kimberleys, Western Australia.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Rhabdomeson mammillatum var. nov.? CROCKFORD, 1957

CPC 1146B: Cited specimen - CROCKFORD, 1957, p. 74.

Locality: PR261 - 8 miles (12.9 km) south from Donkey Gorge Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 19.0384°S, 125.7377°E. CROSSLAND 1:250,000 sheet SE51-16

Horizon: Base of the Liveringa Formation (now Lightjack Formation, Liveringa Group), Canning (formerly Fitzroy) Basin.

Age: Kungurian to Ufimian, Late Early to Early Late Permian.

CPC 1176B: Figured specimen - CROCKFORD, 1957, p. 74, pl. 20, fig. 1.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1183A: Cited specimen - CROCKFORD, 1957, p. 74.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Locality incorrectly cited as 5C (= PR284C). Also from this locality, but not cited by Crockford, is CPC 1187A; its identity is recorded on an old index card.

CPC 1184A: Cited specimen - CROCKFORD, 1957, p. 74.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1185A: Cited specimen - CROCKFORD, 1957, p. 74.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas

Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: CPC 1185B is identified as the same species on an old index card.

CPC 1186A: Cited specimen - CROCKFORD, 1957, p. 74.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1277: Cited specimen - CROCKFORD, 1957, p. 74.

Locality: SP49 - on track beside Bell's Creek, 6 miles (9.7 km) east of "Ellendale" homestead, West Kimberleys, Western Australia. 17.9224°S, 124.8957°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Rhombocladia minor CROCKFORD, 1944

CPC 307: HOLOTYPE (formerly F 805) - CROCKFORD, 1944B, p. 171, text-figs. 45-46; pl. V, fig. 5.

Locality: Wooramel River below Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Also from this locality, but not cited by Crockford, is CPC 30424 (formerly F 808).

CPC 30423: Cited specimen (as F 798) - CROCKFORD, 1944B, p. 171.

Locality: Wooramel River west of Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Rhombocladia spinulifera CROCKFORD, 1944

CPC 1275: Figured specimen - CROCKFORD, 1957, p. 79, pl. 16, fig. 4.

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Rhombopora sp. WASS, 1968

CPC 7025: Figured specimen - WASS, 1968, pp. 34-35, text-figs 10-12; pl. 10, fig. 1.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

Saffordotaxis castanea CROCKFORD, 1957

CPC 1073K: HOLOTYPE - CROCKFORD, 1957, pp. 78-79, text-fig. 13; pl. 21, figs. 5, 6.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4

km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1187D: Cited specimen - CROCKFORD, 1957, pp. 78-79.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1202A: Cited specimen - CROCKFORD, 1957, pp. 78-79.

Locality: R422 - on a fault line 2 miles (3.2 km) south-southwest from "Bohemia Downs" Station, West Kimberleys, Western Australia. 18.9201°S, 126.2317°E. MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1203: Cited specimen - CROCKFORD, 1957, pp. 78-79.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Saffordotaxis elegans CROCKFORD, 1957

CPC 1061B: Cited specimen - CROCKFORD, 1957, pp. 77-78.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1068F-J: Cited specimens - CROCKFORD, 1957, pp. 77-78.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1077J: Cited specimen - CROCKFORD, 1957, pp. 77-78.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*.

CPC 1094D: Cited specimen - CROCKFORD, 1957, pp. 77-78.

Locality: R422 - on a fault line 2 miles (3.2 km) south-southwest from "Bohemia Downs" Station, West Kimberleys, Western Australia. 18.9201°S, 126.2317°E. MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

- CPC 1103C-D:** Cited specimens - CROCKFORD, 1957, pp. 77-78.
Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1118B-E:** Cited specimens - CROCKFORD, 1957, pp. 77-78.
Locality, horizon and age as for CPC 1068F-J.
- CPC 1122B:** Cited specimen - CROCKFORD, 1957, pp. 77-78.
Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1134B:** Cited specimen - CROCKFORD, 1957, pp. 77-78.
Locality, horizon and age as for CPC 1068F-J.
- CPC 1149B-F:** Cited specimens - CROCKFORD, 1957, pp. 77-78.
Locality: NK32 - on the north side of the Fitzroy River, ½ mile (about 800 m) east from "Noonkanbah" homestead, West Kimberleys, Western Australia. 18.5085°S, 124.8322°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1169D-E:** Cited specimen - CROCKFORD, 1957, pp. 77-78.
Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1170A:** Cited specimen - CROCKFORD, 1957, pp. 53-54.
Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1183B,D:** Cited specimens - CROCKFORD, 1957, pp. 77-78.
Locality, horizon and age as for CPC 1068F-J.
Remarks: Locality incorrectly cited as 5C (= PR284C).
- CPC 1184B:** Cited specimen - CROCKFORD, 1957, pp. 77-78.
Locality, horizon and age as for CPC 1103C-D.
- CPC 1185E: HOLOTYPE** - CROCKFORD, 1957, pp. 77-78, pl. 21, fig. 1. WASS, 1967B, pp. 164-165.
Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

- CPC 1187I-M:** Cited specimens - CROCKFORD, 1957, pp. 77-78.
Locality, horizon and age as for CPC 1068F-J.
Remarks: CPC 1187F, not cited by Crockford, is also indentified an an old record card as *Saffordotaxis elegans*.
- CPC 1195A:** Cited specimen - CROCKFORD, 1957, pp. 77-78.
Locality, horizon and age as for CPC 1103C-D.
- CPC 1195B:** Figured specimen - CROCKFORD, 1957, pp. 77-78, pl. 21, fig. 2.
Locality, horizon and age as for CPC 1195A.
- CPC 1199:** Cited specimen - CROCKFORD, 1957, pp. 77-78.
Locality, horizon and age as for CPC 1185E.
- CPC 1276B:** Cited specimen - CROCKFORD, 1957, pp. 77-78.
Locality: SP49 - on track beside Bell's Creek, 6 miles (9.7 km) east of "Ellendale" homestead, West Kimberleys, Western Australia. 17.9224°S, 124.8957°E. LENNARD RIVER 1:250,000 sheet SE51-8.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 7708, 7709:** Cited specimens - WASS, 1967B, pp. 164-165.
Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.
Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.
Age: Early Permian.

Saffordotaxis multigranulata (BRETNALL, 1926)

- CPC 1156D:** Cited specimen - CROCKFORD, 1957, p. 76.
Locality: PR288 (= NK20) - beside track, 2 miles (3.2 km) at 260° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.73895°S, 125.60688°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1191A:** Cited specimen - CROCKFORD, 1957, p. 76.
Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1192:** Cited specimen - CROCKFORD, 1957, p. 76.
Locality, horizon and age as for CPC 1156D.
- CPC 1193:** Cited specimen - CROCKFORD, 1957, p. 76.
Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level R is at 18.724°S, 125.610°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: PR284R: 226-238 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.
- CPC 1266:** Cited specimen - CROCKFORD, 1957, p. 76.
Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.
Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Saffordotaxis cf. wanneri (BASSLER, 1929)

CPC 1204: Cited specimen - CROCKFORD, 1957, pp. 76-77.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Septopora ornata CROCKFORD, 1944

CPC 310: HOLOTYPE (formerly F 796) - CROCKFORD, 1944B, pp. 164-165, pl. IV, fig. 11, pl. V, fig. 3.

Locality: Wooramel River west of Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

CPC 30429: Cited specimen (as F 804) - CROCKFORD, 1944B, pp. 164-165.

Locality: Wooramel River below Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Stenodiscus hardmani CROCKFORD, 1957

CPC 1139A: HOLOTYPE - CROCKFORD, 1957, pp. 47-48, pl. 12, fig. 4.

Locality: Mount Hardman, West Kimberleys, Western Australia. 18.313°S, 124.644°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Liveringa Formation (Group), Canning (formerly Fitzroy) Basin.

Age: Kungurian to Ufimian, Late Early to Early Late Permian.

CPC 1139B-D, F-L: Cited specimens - CROCKFORD, 1957, pp. 47-48.

Locality, horizon and age as for CPC 1139A.

Remarks: Topotypic.

CPC 1139E: Figured specimen - CROCKFORD, 1957, pp. 47-48, pl. 12, figs 5-6.

Locality, horizon, and age as for CPC 1139A.

Remarks: Topotypic.

CPC 1140A: Cited specimen - CROCKFORD, 1957, pp. 47-48.

Locality: SR84 - 6 miles (9.7 km) southeast from Bucknall's Pinnacle, West Kimberleys, Western Australia. 18.968°S, 125.234°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1282B: Cited specimen - CROCKFORD, 1957, pp. 47-48.

Locality: SP26 - on track, 1 mile (1.6 km) at 200° from Barnett's Tank on Sixty-Seven Mile Creek, West Kimberleys, Western Australia. 17.61697°S, 124.65144°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1293A: Cited specimen - CROCKFORD, 1957, pp. 47-48.

Locality: SR6 - Shore Range, 6 miles (9.7 km) at 149° from Surprise Bore, "Cherrabun" Station, West Kimberleys, Western Australia. 18.976°S, 125.570°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Liveringa Formation, Canning (formerly Fitzroy) Basin.

Age: Kungurian to Ufimian, Late Early to Early Late Permian.

Stenodiscus variabilis CROCKFORD, 1957

CPC 1141: Figured specimen - CROCKFORD, 1957, pp. 45-46, pl. 12, figs 2-3.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1142: Cited specimen - CROCKFORD, 1957, pp. 45-47.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1143: Cited specimen - CROCKFORD, 1957, pp. 45-47.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level H is at 18.708°S, 125.607°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284H: 297-305 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1144A: Cited specimen - CROCKFORD, 1957, pp. 45-47.

Locality: R478 - 3.5 miles (5.6 km) at 110° from "Christmas Creek" homestead, West Kimberleys, Western Australia. 18.896789°S, 125.969082°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1145: HOLOTYPE - CROCKFORD, 1957, pp. 45-47, pl. 12, fig. 1.

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1146A: Cited specimen - CROCKFORD, 1957, pp. 45-47.

Locality: PR261 - 8 miles (12.9 km) south from Donkey Gorge Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 19.0384°S, 125.7377°E. CROSSLAND 1:250,000 sheet SE51-16

Horizon: Base of the Liveringa Formation (now Lightjack Formation, Liveringa Group), Canning (formerly Fitzroy) Basin.

Age: Kungurian to Ufimian, Late Early to Early Late Permian.

CPC 1147: Cited specimen - CROCKFORD, 1957, pp. 45-47.

Locality, horizon and age as for CPC 1145.

CPC 1235A: Cited specimen - CROCKFORD, 1957, pp. 45-47.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU'990.7988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Stenopora bella CROCKFORD, 1957

CPC 1128A: HOLOTYPE - CROCKFORD, 1957, pp. 42-43, pl. 11, figs 1-2.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km

southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

CPC 1128B: Figured specimen - CROCKFORD, 1957, pp. 42-43, pl. 11, figs 3-5.

Locality, horizon and age as for CPC 1128A.

CPC 1128C-D: Cited specimens - CROCKFORD, 1957, pp. 42-43.

Locality, horizon and age as for CPC 1128A.

Stenopora crinita LONSDALE, 1845

CPC 7127: Figured specimen - WASS, 1968, pp. 27-28, pl. 5, fig. 2; pl. 6, fig. 1.

Locality: CL12/1 - Cherwell Creek, 4.5 km at 180° from "Mount Lebanon" homestead, north-northwest of Clermont, Queensland, Australia. 22.2667°S, 147.9500°E. CLERMONT 1:250,000 sheet SF55-11.

Horizon: Blenheim Subgroup, Bowen Basin.

Age: Kungurian to Kazanian, Late Early to Early Late Permian.

CPC 7128: Figured specimen - WASS, 1968, pp. 27-28, pl. 5, fig. 3.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

Stenopora dickinsi ROSS, 1963

CPC 4692: HOLOTYPE - ROSS, 1963, pp. 73-75, pl. 8, figs 1, 7-8; pl. 9, fig. 5.

Locality: ML109 - 410 ft (125 m) west of ML106, which is about 4.8 km north-northeast of Round Hill Well, 1.6 km west of Kialawibri Creek Crossing, "Winning" station, Lyndon River area northwest of Carnarvon, Western Australia. 23.35°S, 114.70°E. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: Upper Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: Considered by Ross (following Teichert) to be Sakmarian, now thought by BMR palaeontologists to be Asselian.

CPC 4693: Paratype - ROSS, 1963, pp. 73-75.

Locality, horizon and age as for CPC 4692.

CPC 4694: Figured paratype - ROSS, 1963, pp. 73-75, pl. 8, fig. 5.

Locality, horizon and age as for CPC 4692.

CPC 4695: Figured paratype - ROSS, 1963, pp. 73-75, pl. 9, fig. 8.

Locality: ML106 - about 4.8 km north-northeast of Round Hill Well, 1.6 km west of Kialawibri Creek crossing, "Winning" station, Lyndon River area, Western Australia. 23.35°S, 114.70°E. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: Upper Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: See CPC 4692.

CPC 4696: Figured paratype - ROSS, 1963, pp. 73-75, pl. 8, fig. 6; pl. 9, fig. 4.

Locality, horizon and age as for CPC 4695.

CPC 4697: Figured paratype - ROSS, 1963, pp. 73-75, pl. 9, fig. 2.

Locality, horizon and age as for CPC 4695.

CPC 4698: Paratype - ROSS, 1963, pp. 73-75.

Locality, horizon and age as for CPC 4695.

CPC 4699: Figured paratype - ROSS, 1963, pp. 73-75, pl. 8, fig. 2; pl. 9, figs 1, 3, 7.

Locality, horizon and age as for CPC 4695.

CPC 4700: Figured paratype - ROSS, 1963, pp. 73-75, pl. 8, fig. 3; pl. 9, fig. 9.

Locality: ML90 - about 3.2 km north-northeast of Round Hill Well, 1.6 km west of Kialawibri Creek crossing, "Winning" station, Lyndon River area, Western Australia. 23.35°S, 114.70°E. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: 45 ft (13.7 m) below the top of the Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: See CPC 4695.

CPC 4701: Paratype - ROSS, 1963, pp. 73-75.

Locality, horizon and age as for CPC 4700.

Stenopora fisheri ROSS, 1963

CPC 4702: HOLOTYPE - ROSS, 1963, pp. 75-76, pl. 8, fig. 4, pl. 10, figs 5-7, 9.

Locality: ML107 - 100 ft (30.5 m) west of ML106, which is about 4.8 km north-northeast of Round Hill Well, 1.6 km west of Kialawibri Creek Crossing, "Winning" station, Lyndon River area northwest of Carnarvon, Western Australia. 23.35°S, 114.70°E. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: Uppermost Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: Considered by Ross (following Teichert) to be Sakmarian, now thought by BMR palaeontologists to be Asselian.

CPC 4703, 4704: Paratypes - ROSS, 1963, pp. 75-76.

Locality, horizon, age and remarks as for CPC 4702.

CPC 4705: Figured paratype - ROSS, 1963, pp. 75-76, pl. 10, fig. 3.

Locality, horizon, age and remarks as for CPC 4702.

CPC 4706: Figured paratype - ROSS, 1963, pp. 75-76, pl. 10, figs 1, 4, 8.

Locality: ML109 - 410 ft (125 m) west of ML106, which is about 4.8 km north-northeast of Round Hill Well, 1.6 km west of Kialawibri Creek Crossing, "Winning" station, Lyndon River area northwest of Carnarvon, Western Australia. 23.35°S, 114.70°E. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: Uppermost Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: See CPC 4702.

CPC 4738: Figured paratype - ROSS, 1963, pp. 75-76, pl. 10, fig. 2.

Locality, horizon and age as for CPC 4702.

Remarks: Crespin (1974, p. 141) incorrectly cited the number CPC 4705a for this specimen.

Stenopora hemispherica WAAGEN & WENTZEL, 1886

CPC 1119A-D: Cited specimens - CROCKFORD, 1957, p. 39.

Locality: W44C - 1 mile (1.6 km) northeast from Lake Josceline, 4 miles (6.4 km) at 290° from Mt. Wynne, West Kimberleys, Western Australia. 18.085°S, 124.432°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1291A: Figured specimen - CROCKFORD, 1957, p. 39, pl. 10, figs 1-2.

Locality: K.Nura 1 - 4.5 miles (7.2 km) west of Mount Wynne Trigonometric Point, West Kimberleys, Western

Australia. Approx. 18.080°S, 124.392°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1291B-E: Cited specimens - CROCKFORD, 1957, p. 39.

Locality, horizon and age as for CPC 1291A.

Stenopora hirsuta CROCKFORD, 1945

CPC 321: HOLOTYPE - CROCKFORD, 1945, pp. 17-19, text-fig. 11; pl. II, fig. 6.

Locality: Granton, opposite Bridgewater, near Hobart, Tasmania, Australia.

Horizon: Berriedale Limestone, Cascades Group.

Age: Artinskian, Early Permian.

Remarks: Formerly F3200, which also contains *Streblotrypa* sp.

CPC 322: Cited specimen - CROCKFORD, 1945, pp. 17-19.

Locality, horizon and age as for CPC 321.

CPC 323: Figured specimen - CROCKFORD, 1945, pp. 17-19, text-fig. 12.

Locality, horizon and age as for CPC 321.

CPC 324: Figured specimen - CROCKFORD, 1945, pp. 17-19, text-fig. 13.

Locality, horizon and age as for CPC 321.

Stenopora lineata CROCKFORD, 1957

CPC 1127: HOLOTYPE - CROCKFORD, 1957, pp. 43-44, pl.10, figs 6-8.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Stenopora lyndoni ROSS, 1963

CPC 4707: HOLOTYPE - ROSS, 1963, pp. 76-77, pl. 11, figs 2-3, 6, 8, 10.

Locality: ML90 - about 3.2 km north-northeast of Round Hill Well, 1.6 km west of Kialawibri Creek crossing, "Winning" station, Lyndon River area, Western Australia. 23.35°S, 114.70°E. WINNING POOL 1:250,000 sheet SF50-13.

Horizon: 45 ft (13.7 m) below the top of the Lyons Group, Carnarvon Basin.

Age: Asselian, Early Permian.

Remarks: Considered by Ross (following Teichert) to be Sakmarian, now thought by BMR palaeontologists to be Asselian.

CPC 4708: Figured paratype - ROSS, 1963, pp. 76-77, pl. 11, figs 1, 7, 9.

Locality, horizon, age and remarks as for CPC 4707.

Stenopora ovata LONSDALE, 1844

CPC 7126: Cited specimen - WASS, 1968, pp. 25-27.

Locality: L2575 - 1.3 km at 290° from "Cracow" homestead, 9.7 km south of Cracow township, Queensland, Australia. 25.3667°S, 150.2833°E. MUNDUBBERA 1:250,000 sheet SG56-5.

Horizon: Buffel Formation, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7129: Figured specimen - WASS, 1968, pp. 25-27, pl. 4, figs. 3-4; pl. 5, fig. 1.

Locality, horizon and age as for CPC 7126.

CPC 7130: Figured specimen - WASS, 1968, pp. 25-27, pl. 5, fig. 4.

Locality, horizon and age as for CPC 7126.

CPC 7153, 7154: Cited specimens - WASS, 1968, pp. 25-27.

Locality, horizon and age as for CPC 7126.

Stenopora punctata CROCKFORD, 1957

CPC 1130: HOLOTYPE - CROCKFORD, 1957, pp. 41-42, pl. 11, figs 6-6-7.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1131: Cited specimen - CROCKFORD, 1957, pp. 41-42.

Locality: PR126 - probably near Blue Bush Bore, "Cherrabun" Station, West Kimberleys, Western Australia.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1132: Cited specimen - CROCKFORD, 1957, pp. 41-42.

Locality: PR302A - near track, 3 miles (4.8 km) at 285° from Bruten's Yard, "Cherrabun" Station, West Kimberleys, Western Australia. 18.71475°S, 125.59783°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Stenopora spicata obtusa CROCKFORD, 1957

Under ICZN Article 45g, Crockford's new variety of Stenopora spicata (Bassler), being erected before 1960, has subspecific rank.

CPC 1072B: Cited specimen - CROCKFORD, 1957, p. 40.

Locality: R478 - 3.5 miles (5.6 km) at 110° from "Christmas Creek" homestead, West Kimberleys, Western Australia. 18.896789°S, 125.969082°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1120A: Cited specimen - CROCKFORD, 1957, p. 40.

Locality: R422 - on a fault line 2 miles (3.2 km) south-southwest from "Bohemia Downs" Station, West Kimberleys, Western Australia. 18.9201°S, 126.2317°E. MT RAMSAY 1:250,000 sheet SE52-9.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1121: HOLOTYPE - CROCKFORD, 1957, pp. 40-41, pl. 10, figs 3-5.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1122A, 1123A-E: Cited specimens - CROCKFORD, 1957, pp. 40-41.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1124A-B: Cited specimens - CROCKFORD, 1957, pp. 40-41.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1125A: Cited specimen - CROCKFORD, 1957, pp. 40-41.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1126A-B: Cited specimens - CROCKFORD, 1957, pp. 40-41.

Locality: SP49 - on track beside Bell's Creek, 6 miles (9.7 km) east of "Ellendale" homestead, West Kimberleys, Western Australia. 17.9224°S, 124.8957°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Streblascopora marmionensis (BRETNALL, 1926)

See also Streblascopora marmionensis (ETHERIDGE) and Streblascopora marmionesis.

Ascribed by Bretnall to Etheridge, *Streblascopora marmionensis* was actually a manuscript name. Bretnall is thus the formal author of the species. Crockford (1957 - the species name erroneously printed as *marmionesis*) followed Bretnall, the correction being made by Wass, 1968.

CPC 1084E: Referred specimen - CROCKFORD, 1957, p. 80.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level N is at 18.719°S, 125.609°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284N: 250-262 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Identity recorded on old index card.

CPC 1146C: Cited specimen - CROCKFORD, 1957, p. 80.

Locality: PR261 - 8 miles (12.9 km) south from Donkey Gorge Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 19.0384°S, 125.7377°E. CROSSLAND 1:250,000 sheet SE51-16

Horizon: Base of the Liveringa Formation (now Lightjack Formation, Liveringa Group), Canning (formerly Fitzroy) Basin.

Age: Kungurian to Ufimian, Late Early to Early Late Permian.

Remarks: Cited only as CPC 1146, the correct identification is on an accompanying label.

CPC 1187G-H: Referred specimens - CROCKFORD, 1957, p. 80.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Identity recorded on old index card.

CPC 1188E: Referred specimen - CROCKFORD, 1957, p. 80.

Locality: G51 - southern Grant Range, 9 miles (14.9 km) west from "Liveringa" Station and $\frac{3}{4}$ mile (1.2 km) north of the "Mount Anderson" - "Liveringa" road, West Kimberleys, Western Australia. 18.074°S, 124.038°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Identity recorded on old index card.

CPC 1189B: Referred specimen - CROCKFORD, 1957, p. 80.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Identity recorded on old index card.

CPC 1194B: Referred specimen - CROCKFORD, 1957, p. 80.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level R is at 18.724°S, 125.610°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284R: 226-238 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Identity recorded on old index card.

CPC 1223A-B: Cited specimens - CROCKFORD, 1957, p. 80.

Locality: W42B-C - near the north end of Lake Josceline, west of Mount Wynne, West Kimberleys, Western Australia. 18.101°S, 124.423°E. MT ANDERSON 1:250,000 sheet SE51-11.

Horizon: Nura Nura Member, Poole Sandstone, Canning (formerly Fitzroy) Basin.

Age: Sakmarian, Early Permian.

CPC 1224B: Referred specimen - CROCKFORD, 1957, p. 80.

Locality: PR136 - 4 miles (6.4 km) south from Chestnut Bore, "Christmas Creek" station, West Kimberleys, Western Australia. 18.749°S, 125.663°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Identity recorded on old index card.

CPC 1281C-D: Referred specimens - CROCKFORD, 1957, p. 80.

Locality: SP25B - on a track as it crosses the ridge 2 miles (3.2 km) at 200° from Barnett's Tank, West Kimberleys, Western Australia. 17.6353°S, 124.6407°E. LENNARD RIVER 1:250,000 sheet SE51-8.

Horizon: Topmost Noonkanbah Formation or basal Liveringa Formation (which is now the Lightjack Formation, Liveringa Group), Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Identity recorded on old index card.

CPC 1287B: Referred specimen - CROCKFORD, 1957, p. 80.

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Identity recorded on old index card.

CPC 1293B-C: Cited specimens - CROCKFORD, 1957, p. 80.

Locality: SR6 - Shore Range, 6 miles (9.7 km) at 149° from Surprise Bore, "Cherrabun" station, West Kimberleys, Western Australia. 18.976°S, 125.570°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Liveringa Formation (now Group), Canning (formerly Fitzroy) Basin.
Age: Kungurian to Ufimian, Late Early to Early Late Permian.

CPC 1296: Referred specimen - CROCKFORD, 1957, p. 80.

Locality: Djada Hill, southeast of "Noonkanbah" homestead on the track to "Cherrabun" homestead, south of the Fitzroy River, Western Australia. 18.528°S, 124.855°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Liveringa Formation (now Group), Canning (formerly Fitzroy) Basin.

Age: Early Permian.

Remarks: Details recorded on old index card.

CPC 7028: Figured specimen - WASS, 1968, pp. 36-37, pl. 10, fig. 5.

Locality: SP720 - Reids Dome, 480 m at 320° from AOE No. 2 well, southwest of Rolleston, Queensland, Australia. 24.8500°S, 148.3167°E. SPRINGSURE 1:250,000 sheet SG55-3.

Horizon: Eurydesma Limestone Member, Cattle Creek Formation, Tiverton Subgroup, Bowen Basin.

Age: Artinskian, Early Permian.

CPC 7029: Figured specimen - WASS, 1968, pp. 36-37, pl. 10, fig. 6.

Locality, horizon and age as for CPC 7028.

CPC 7030: Figured specimen - WASS, 1968, pp. 36-37, pl. 10, fig. 2.

Locality, horizon and age as for CPC 7028.

CPC 7031: Figured specimen - WASS, 1968, pp. 36-37, pl. 10, fig. 7.

Locality, horizon and age as for CPC 7028.

CPC 7032: Figured specimen - WASS, 1968, pp. 36-37, pl. 10, fig. 4.

Locality, horizon and age as for CPC 7028.

CPC 7033: Figured specimen - WASS, 1968, pp. 36-37, pl. 10, fig. 3.

Locality, horizon and age as for CPC 7028.

CPC 7710: Figured specimen - WASS, 1967B, pp. 165-166, pl. V, figs 2-3.

Locality: 627/1 - 7.2 miles (11.6 km) north-northwest of Table Hill, Northern Territory. 14.4333°S, 129.7167°E. PORT KEATS 1:250,000 sheet SD52-11.

Horizon: Noonkanbah Formation equivalent (probably Kulshill Group), Bonaparte Basin.

Age: Early Permian.

CPC 7711 to 7714: Cited specimens - WASS, 1967B, pp. 165-166.

Locality, horizon and age as for CPC 7710.

Streblascopora marmionensis (ETHERIDGE, 1926)

See Streblascopora marmionensis (BRETNALL, 1926)

Bretnall ascribed the species to Etheridge, and in this was followed by Crockford (1994B, 1957), but as pointed out by Wass (1968) it was an unpublished manuscript name, and so Bretnall is the correct author.

Streblascopora marmionensis (ETHERIDGE, 1926)

See Streblascopora marmionensis

This incorrect spelling was a printer's error in Crockford, 1957.

Streblacladia excavata CROCKFORD, 1944

CPC 308: HOLOTYPE (formerly F 806) - CROCKFORD, 1944B, p. 172, text-figs 42-43; pl. V, fig. 7.

Locality: Wooramel River below Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Remarks: Identified but not cited by Crockford from the same locality is F 809 (now CPC 30426).

CPC 30425: Cited specimen (as F 799) - CROCKFORD, 1944, p. 172.

Locality: Wooramel River west of Callytharra, Western Australia. WOORAMEL 1:250,000 sheet SG50-5.

Horizon: Callytharra Formation, Carnarvon Basin.

Age: Late Sakmarian, Early Permian.

Streblotrypa minutula BASSLER, 1929

CPC 1068E: Cited specimen - CROCKFORD, 1957, p. 79.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1169A: Cited specimen - CROCKFORD, 1957, p. 79.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.⁷⁸988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1183C: Cited specimen - CROCKFORD, 1957, p. 79.

Locality, horizon and age as for CPC 1068E.

CPC 1185D, 1197: Cited specimens - CROCKFORD, 1957, p. 79.

Locality: NK15 - 4 miles (6.4 km) west then 1.5 miles (2.4 km) southwest from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. Wass, 1967, gives it as 5.2 miles (8.3 km) at 258° from Chestnut Bore, 1.5 miles (2.4 km) southwest of PR284A. 18.7078°S, 125.5882°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1200: Cited specimen - CROCKFORD, 1957, p. 79.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level C is at 18.697°S, 125.605°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284C: 343-354 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1201A: Cited specimen - CROCKFORD, 1957, p. 79.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU⁷990.⁷⁸988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Synocladia teichert CROCKFORD, 1957

CPC 1077K: Cited specimen - CROCKFORD, 1957, pp. 72-73.

Locality: PR291 - 2 miles (3.2 km) at 120° from Tank Bore, "Cherrabun" Station, West Kimberleys, Western Australia. This is approximately at 18.72°S, 125.53°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: The position of locality PR291 is discussed in detail under CPC 1080B, holotype of *Polypora wadei*.

CPC 1205: Cited specimen - CROCKFORD, 1957, pp. 72-73.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1215B, 1234A: Cited specimens - CROCKFORD, 1957, pp. 72-73.

Locality: PR256 - 1 km northwest of Lightjack Hill, 3 miles (4.8 km) at 100° from Wood's Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.9819°S, 125.8387°E. YU'990.78988, BRUTEN 1:100,000 sheet 4060; NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1274: HOLOTYPE - CROCKFORD, 1957, pp. 72-73, pl. 17, fig. 5.

Locality: Southeast side, base of Mount Marmion, West Kimberleys, Western Australia. 17.3873°S, 124.3601°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Synocladia sp. CROCKFORD, 1957

CPC 1271, 1272: Cited specimens - CROCKFORD, 1957, p. 73.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level A is at 18.692°S, 125.604°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284A: near the top of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: CPC 1270 is from the same locality but was not cited by Crockford - the identity is recorded in the original Type Register.

CPC 1273: Cited specimen - CROCKFORD, 1957, p. 73.

Locality: Section PR284 (= NH17), which starts at PR284A on the west side of Christmas Creek 4 miles (6.4 km) due west of Chestnut Bore, and extends for 3 miles (4.8 km) at 170° to PR284S, which is 7.2 km southwest of Chestnut Bore; "Christmas Creek" Station, West Kimberleys, Western Australia. Level J is at 18.713°S, 125.608°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: PR284J: 277-296 m above the base of the Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Tabulipora scissa CROCKFORD, 1957

CPC 1133: HOLOTYPE - CROCKFORD, 1957, pp. 44-45, text-fig. 6; pl. 12, fig. 7.

Locality: Keevie's Well, 8 miles (12.9 km) north from "Mount Anderson" homestead, West Kimberleys, Western Australia. 17.934°S, 123.937°E. DERBY 1:250,000 sheet SE51-7.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

CPC 1134A: Cited specimen - CROCKFORD, 1957, pp. 44-45.

Locality: NK12 - about 500 m southwest of road, 7 miles (11.3 km) due west from Chestnut Bore, "Christmas Creek" Station, West Kimberleys, Western Australia. 18.6933°S, 125.5559°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.
Age: Artinskian, Early Permian.

Tabulipora sp. CROCKFORD, 1957

CPC 1135: Cited specimen - CROCKFORD, 1957, p. 45.

Locality: GG2 - beside road 1 mile (1.6 km) south from Melon Waterhole, "Gogo" Station, West Kimberleys, Western Australia. 18.4145°S, 125.5603°E. NOONKANBAH 1:250,000 sheet SE51-12.

Horizon: Noonkanbah Formation, Canning (formerly Fitzroy) Basin.

Age: Artinskian, Early Permian.

Remarks: Referred to as "A second, coarser species...but the material was unsuitable for description."

REFERENCES

- BASSLER, R.S., 1953 - *Treatise on Invertebrate Paleontology. Part G, Bryozoa*. Geological Society of America and University of Kansas Press, Lawrence, Kansas. xiii + 253 pp.
- CRESPIN, I., 1938 - The occurrence of *Lacazina* and *Biplanispira* in the Mandated Territory of New Guinea. *Bureau of Mineral Resources, Australia, Bulletin 3*
- CRESPIN, I., 1960 - Catalogue of type and figured specimens in the Commonwealth Palaeontological Collection, Canberra. *Bureau of Mineral Resources, Australia, Report 54; 92 pp.*
- CRESPIN, I., 1974 - Catalogue of additional type and figured specimens other than Protista in the Commonwealth Palaeontological Collection, Canberra. *Bureau of Mineral Resources, Australia, Report 160; 161 pp.*
- CROCKFORD, J.M., 1944A - A revision of some previously described species of Bryozoa from the Upper Palaeozoic of Western Australia. *Journal of the Royal Society of Western Australia, vol. 28 (1941-2), pp. 187-199, pls I-II.*
- CROCKFORD, J.M., 1944B - Bryozoa from the Permian of Western Australia. Part 1. Cyclostomata and Cryptostomata from the North-West Basin and Kimberley district. *Proceedings of the Linnean Society of New South Wales, vol. 69 (3-4), pp. 139-175, pls. IV-V.*
- CROCKFORD, J.M., 1945 - Stenoporoids from the Permian of New South Wales and Tasmania.. *Proceedings of the Linnean Society of New South Wales, LXX(1-2), pp. 9-24, pls. II-III.*
- CROCKFORD, J.M., 1957 - Permian Bryozoa from the Fitzroy Basin, Western Australia. *Bureau of Mineral Resources, Australia, Bulletin 34; 136 pages, 21 plates.*
- RAGGATT, H.G., 1936 - Geology of the North-West Basin, Western Australia, with particular reference to the stratigraphy of the Permo-Carboniferous. *Journal & Proceedings of the Royal Society of New South Wales, 70(1), pp. 100-174, pls III-V.*
- ROSS, J.P., 1961 - Ordovician, Silurian and Devonian Bryozoa of Australia.. *Bureau of Mineral Resources, Australia, Bulletin 50; 172 pages, 28 plates.*
- ROSS, J.R.P., 1963 - Lower Permian Bryozoa from Western Australia. *Palaeontology 6(1), pp. 70-82, pls 8-11.*
- UTGAARD, J., 1983 - Systematic descriptions for the Order Cystoporata. Pp. 358-439 IN BOARDMAN, R.S. et al. - *Treatise on Invertebrate Paleontology, part G, Bryozoa, revised. Vol. 1.* Geological Society of America and University of Kansas Press, Boulder, Colorado & Lawrence, Kansas.
- WASS, R.E., 1966 - On the species *Fenestella horologia* Bretnall and *Minilya duplaris* Crockford. *Proceedings of the Linnean Society of New South Wales, vol. 91(1), pp. 90-95, pl. II.*
- WASS, R.E., 1967A - *Goniocladia* and *Dyscritella* from the Permian of Queensland. *Proceedings of the Linnean Society of New South Wales, 92(3), pp. 279-284, pls. XV-XVII.*
- WASS, R.E., 1967B - Permian Polyzoa from the Port Keats District, Northern Territory. *Proceedings of the Linnean Society of New South Wales, vol. 92(2), pp. 162-170, pl. V.*
- WASS, R.E., 1968 - Permian Polyzoa from the Bowen Basin. *Bureau of Mineral Resources, Australia, Bulletin 90; 135 pp., 18 pls.*

INDEX OF GENERA AND SUBGENERA

In this index, pages on which generic names are mentioned, other than as part of zonal names, are given. An exception is that only the first page is given of the series of pages on which are listed the species and specimens assigned to a particular genus.

- | | |
|-----------------------------------------|-------------------------------------------|
| <i>Acanthocladia</i> 3 | <i>Lyropora</i> 32 |
| <i>Aetomacladia</i> 3, 47 | <i>Megacanthopora?</i> 32 |
| <i>Callocladia?</i> 3 | <i>Minilya</i> 12, 16, 17, 20, 21, 32, 33 |
| <i>Coelocaulis</i> 3, 4 | <i>Nicklesopora</i> 33 |
| <i>Cryptostomata</i> indet. 3 | <i>Penniretepora</i> 13, 34 |
| <i>Discotrypa?</i> 3, 4 | <i>Percyopora</i> 35 |
| <i>Dybowskiella</i> 4 | <i>Polypora</i> 8, 17, 24, 26, 36, 49, 65 |
| <i>Dyscritella</i> 5 | <i>Prismopora</i> 4, 44 |
| <i>Eridopora</i> 9 | <i>Prismopora?</i> 45 |
| <i>Etherella</i> 10 | <i>Protoretepora</i> 46 |
| <i>Evactinostella</i> 11 | <i>Ramipora</i> 3, 47 |
| <i>Fenestella</i> 12, 24, 29, 32, 33 | <i>Rhabdomeson</i> 48 |
| <i>Fenestella (Parafenestella)</i> 23 | <i>Rhombocladia</i> 51 |
| <i>Fenestrellina</i> 12, 17, 21, 22, 23 | <i>Rhombopora</i> 51 |
| <i>Fistulammina</i> 24 | <i>Saffordotaxis</i> 51 |
| <i>Fistulipora</i> 24 | <i>Septopora</i> 55 |
| <i>Fitzroyopora</i> 26 | <i>Stenodiscus</i> 55 |
| <i>Goniocladia</i> 26 | <i>Stenopora</i> 56 |
| <i>Granivallum</i> 27 | <i>Streblascopora</i> 61 |
| <i>Hexagonella</i> 28 | <i>Streblocladia</i> 63 |
| <i>Hexagonella?</i> 20, 29 | <i>Streblotrypa</i> 43, 59, 64 |
| <i>Leioclema</i> 30 | <i>Synocladia</i> 64 |
| <i>Liguloclema</i> 30 | <i>Tabulipora</i> 65 |

INDEX OF SPECIES AND SUBSPECIES

This index is arranged similarly to the generic index. Where the same specific name has been used for several taxa, the generic names are also ordered alphabetically. Species under open nomenclature are grouped according to the style of citation, then alphabetically by genera, authors and dates, as appropriate.

- | | |
|------------------------------------------------------------------|-----------------------------------------------------------------|
| <i>adnascens</i> BASSLER, 1929 - <i>Dyscritella</i> 5 | <i>bretnalli</i> CROCKFORD, 1957 - <i>Rhabdomeson</i> 48 |
| <i>affluensa</i> BRETNALL, 1926 - <i>Fenestella</i> 12 | <i>bruteni</i> CROCKFORD, 1957 - <i>Dyscritella</i> 5 |
| <i>affluensa</i> (BRETNALL, 1926) - <i>Fenestrellina</i> 12, 23 | <i>bruteni</i> WASS, 1967 - <i>Polypora</i> 36, 42 |
| <i>alia</i> (CROCKFORD, 1944) - <i>Fenestella</i> 12 | <i>cacuminatis</i> (CROCKFORD, 1944) - <i>Fenestella</i> 14 |
| <i>alia</i> CROCKFORD, 1944 - <i>Fenestrellina</i> 12, 23 | <i>canthariformis</i> (CROCKFORD, 1941) - <i>Fenestella</i> 14 |
| <i>ambrosioides</i> BRETNALL, 1926 - <i>Aetomacladia</i> 3, 47 | <i>castanea</i> CROCKFORD, 1957 - <i>Saffordotaxis</i> 51 |
| <i>ambrosioides</i> (BRETNALL, 1926) - <i>Ramipora</i> 3, 47, 48 | <i>chapmani</i> (CROCKFORD, 1944) - <i>Fenestella</i> 14 |
| <i>ambrosioides</i> (BRETNALL, 1926) - <i>Ramipora</i> 47, 48 | <i>chapmani</i> CROCKFORD, 1944 - <i>Fenestrellina</i> 23 |
| <i>ampla</i> (LONSDALE, 1844) - <i>Protoretepora</i> 46 | <i>columnaris</i> (CROCKFORD, 1944) - <i>Fenestella</i> 14 |
| <i>amplia</i> (CROCKFORD, 1944) - <i>Fenestella</i> 12, 32 | <i>crenulata</i> ROSS, 1961 - <i>Nicklesopora</i> 33 |
| <i>amplia</i> CROCKFORD, 1944 - <i>Minilya</i> 12, 32 | <i>crecens</i> (CROCKFORD, 1944) - <i>Dybowskiella</i> 4 |
| <i>arborescens</i> CROCKFORD, 1957 - <i>Dybowskiella</i> 4 | <i>crinita</i> LONSDALE, 1845 - <i>Stenopora</i> 57 |
| <i>attenuata</i> CROCKFORD, 1957 - <i>Prismopora?</i> 45 | <i>crucialis</i> (HUDLESTON, 1883) - <i>Evactinostella</i> 11 |
| <i>australis</i> (BRETNALL, 1926) - <i>Hexagonella</i> 28 | <i>densa</i> CROCKFORD, 1944 - <i>Hexagonella</i> 28 |
| <i>basleoensis</i> BASSLER, 1929 - <i>Fenestella</i> 13 | <i>dickinsi</i> ROSS, 1963 - <i>Stenopora</i> 57 |
| <i>bella</i> CROCKFORD, 1957 - <i>Stenopora</i> 56 | <i>digitata</i> CROCKFORD, 1957 - <i>Prismopora</i> 4, 44 |
| <i>bifida</i> CROCKFORD, 1944 - <i>Hexagonella</i> 28 | <i>disjecta</i> (CROCKFORD, 1944) - <i>Fenestella</i> 16 |
| <i>bispinosa</i> CROCKFORD, 1944 - <i>Goniocladia</i> 26 | <i>duplaris</i> (CROCKFORD, 1944) - <i>Fenestella</i> 16, 17 |
| <i>bowenensis</i> WASS, 1968 - <i>Fenestella</i> 13 | <i>duplaris</i> CROCKFORD, 1944 - <i>Minilya</i> 16, 17, 20, 33 |

- duplaris* CROCKFORD, 1944 - *Minilya* sp. cf. 21, 33
elegans CROCKFORD, 1957 - *Saffordotaxis* 52
emanuelana ROSS, 1961 - *Fenestella* 16
excavata CROCKFORD, 1944 - *Streblacladia* 63
fisheri ROSS, 1963 - *Stenopora* 58
fistulosum ROSS, 1961 - *Granivallum* 27
fitzroyensis ROSS, 1961 - *Nicklesopora* 33
flexuosa CROCKFORD, 1957 - *Protoretepora* 46
fossata CROCKFORD, 1944 - *Penniretepora* 34
fossula LONSDALE, 1844 - *Fenestella* 17
fovea CROCKFORD, 1944 - *Polypora* 37
 gen. et sp. indet. CROCKFORD, 1957
 - *Cryptostomata* 3
globosa CROCKFORD, 1957 - *Leioclema* 30
globosa? CROCKFORD, 1957 - *Leioclema* 30
grande BASSLER, 1929 - *Rhabdomeson* 49
granulata CROCKFORD, 1944 - *Penniretepora* 34
hardmani CROCKFORD, 1957 - *Stenodiscus* 55
hemispherica WAAGEN & WENTZEL, 1886
 - *Stenopora* 58
hindei CROCKFORD, 1957 - *Fenestella* 17
hirsuta CROCKFORD, 1945 - *Stenopora* 59
horologia BRETNALL, 1926 - *Fenestella* 16, 17, 20,
 29, 33
horologia BRETNALL, 1926 - *Fenestella* sp. cf. 21
horologia (BRETNALL, 1926) - *Fenestrellina* 17, 23
hudlestoni CROCKFORD, 1957 - *Hexagonella* 29
indica WAAGEN AND PICHL, 1885 - *Goniocladia*
 26
irregularis CROCKFORD, 1957 - *Etherella* 10
joselina CROCKFORD, 1957 - *Lyropora* 32
keppelensis CROCKFORD, 1946 - *Polypora* 37
kimberleyensis CROCKFORD, 1957 - *Polypora* 37
lata CROCKFORD, 1957 - *Fistulamina* 24
lennardi (CROCKFORD, 1944) - *Fenestella* 21
lennardi CROCKFORD, 1944 - *Fenestrellina* 21, 23
leopoldensis ROSS, 1961 - *Nicklesopora* 33
lineata CROCKFORD, 1944 - *Hexagonella?* 20, 29
lineata CROCKFORD, 1957 - *Stenopora* 59
liveringa CROCKFORD, 1957 - *Dyscritella* 6
liveringa CROCKFORD, 1957 - *Fistulipora* 24
lyndoni ROSS, 1963 - *Polypora* 39
lyndoni ROSS, 1963 - *Stenopora* 59
macrostoma CROCKFORD, 1957 - *Dyscritella* 6
maculosa ROSS, 1961 - *Coelocaulis* 3, 4
mammillatum (BRETNALL, 1926) - *Rhabdomeson*
 49
mammillatum var. nov.? CROCKFORD, 1957
 - *Rhabdomeson* 50
marmionensis (BRETNALL, 1926) - *Streblascopora*
 61, 63
marmionensis (ETHERIDGE, 1926) - *Streblascopora*
 61, 63
marmionesis (ETHERIDGE, 1926) - *Streblascopora*
 61, 63
megastoma DE KONINCK, 1863 - *Polypora* 40
meridianus (ETHERIDGE, 1926) - *Liguloclema* 30, 32
minor CROCKFORD, 1957 - *Etherella porosa* 11
minor CROCKFORD, 1944 - *Rhombocladia* 51
minutula BASSLER, 1929 - *Streblotrypa* 43, 64
multigranulata (BRETNALL, 1926) - *Saffordotaxis* 54
multiplierifera CROCKFORD, 1944 - *Polypora* 41
natalis CROCKFORD, 1957 - *Polypora* 8, 27, 41
nura CROCKFORD, 1957 - *Fistulipora* 25
obesa CROCKFORD, 1957 - *Polypora* 41
obtusa CROCKFORD, 1957 - *Stenopora spicata* 60
occidentalis ROSS, 1961 - *Percyopora* 35
ornata CROCKFORD, 1944 - *Septopora* 55
oscarensis ROSS, 1961 - *Fitzroyopora* 26
ovata LONSDALE, 1844 - *Stenopora* 59
permiana CROCKFORD, 1957 - *Eridopora* 9
pikerensis ROSS, 1961 - *Fenestella* 21
pillarensis ROSS, 1961 - *Fistulipora* 25
porosa CROCKFORD, 1957 - *Etherella* 10
porosa minor CROCKFORD, 1957 - *Etherella* 11
princeps (CROCKFORD, 1944) - *Fenestella* 21, 33
princeps CROCKFORD, 1944 - *Minilya* 21, 33
punctata CROCKFORD, 1957 - *Stenopora* 60
ramosa CROCKFORD, 1957 - *Callocladia?* 3
rectifis CROCKFORD, 1944 - *Polypora* 42
robusta (BASSLER, 1929) - *Protoretepora* 47
sadlerensis ROSS, 1961 - *Fistulipora* 25
scalariformis CROCKFORD, 1957 - *Megacanthopora?*
 32
scissa CROCKFORD, 1957 - *Tabulipora* 65
 sp. CROCKFORD, 1957 - *Liguloclema* 32
 sp. CROCKFORD, 1957 - *Synocladia* 65
 sp. CROCKFORD, 1957 - *Tabulipora* 66
 sp. WASS, 1967 - *Fistulamina* 24
 sp. WASS, 1968 - *Fenestella (Parafenestella)* 23
 sp. WASS, 1968 - *Leioclema* 30
 sp. WASS, 1968 - *Liguloclema* 32
 sp. WASS, 1968 - *Penniretepora* 35
 sp. WASS, 1968 - *Rhombopora* 51
 sp. A ROSS, 1961 - *Discotrypa?* 3, 4
 sp. cf. *columnaris* (CROCKFORD, 1944) - *Fenestella*
 15
 sp. cf. *duplaris* CROCKFORD, 1944 - *Minilya* 21, 33
 sp. cf. *horologia* BRETNALL, 1926 - *Fenestella* 21
 sp. cf. *spinulosa* BASSLER, 1929 - *Dyscritella* 8
 sp. cf. *wanneri* (BASSLER, 1929) - *Saffordotaxis* 55
 sp. indet. CROCKFORD, 1957 - *Acanthocladia* 3
 sp. indet. CROCKFORD, 1957 - *Cryptostomata* gen.
 indet. 3
 sp. nov. CROCKFORD, 1957 - *Fenestella* 23
 sp. nov. CROCKFORD, 1957 - *Polypora* 36, 42
sparsigemmata (CROCKFORD, 1944) - *Fenestella* 22
sparsigemmata CROCKFORD, 1944 - *Fenestrellina*
 22, 23
spicata obtusa CROCKFORD, 1957 - *Stenopora* 60
spinifera (CROCKFORD, 1946) - *Fenestella* 22
spinigera (BASSLER, 1929) - *Dyscritella* 7
spinulifera MOORE, 1929 - *Fenestella* 12, 14, 22
spinulifera CROCKFORD, 1944 - *Rhombocladia* 51
springsurensis WASS, 1968 - *Fenestella* 22
stereos CROCKFORD, 1957 - *Fistulipora* 25
teichertii CROCKFORD, 1957 - *Synocladia* 64
tenuirama CROCKFORD, 1957 - *Dyscritella* 8

timorensis BASSLER, 1929 - *Goniocladia* 27
triporosa CROCKFORD, 1944 - *Penniretepora* 13, 34
triradiata CROCKFORD, 1957 - *Prismopora*? 45
tubulata ROSS, 1961 - *Percyopora* 35
typicalis CROCKFORD, 1957 - *Liguloclema* 31
vacuolata CROCKFORD, 1944 - *Fistulipora* 26
valentis (CROCKFORD, 1944) - *Fenestella* 23
valentis CROCKFORD, 1944 - *Fenestrellina* 23
variabilis CROCKFORD, 1957 - *Stenodiscus* 56

var. nov.? CROCKFORD, 1957 - *Rhabdomeson*
mammillatum 50
virga LASERON, 1918 - *Polypora* 42
wadei CROCKFORD, 1957 - *Polypora* 4, 17, 24, 26,
27, 38, 42, 49, 52, 65
westralis ROSS, 1961 - *Fenestella* 23
westralis ROSS, 1961 - *Nicklesopora* 34
woodsii (ETHERIDGE, 1892) - *Polypora* 43

INDEX OF SPECIMENS

This index lists identifications and page references for the bryozoan specimens in this catalogue. In the first and larger part successive CPC numbers assigned to the same taxon are grouped, to save space. The short second list gives the equivalence between numbers in the old 'F' series and their current CPC numbers.

CPC

118A *Ramipora ambrosioides* (BRETNALL) 47
300 *Fenestella sparsigemmata* (CROCKFORD) 22
301 *Fenestella alia* (CROCKFORD) 12
302 *Fenestella affluens* BRETNALL 12
303-4 *Fenestella chapmani* (CROCKFORD) 14
305 *Penniretepora triporosa* CROCKFORD 34
306 *Penniretepora fossata* CROCKFORD 34
307 *Rhombocladia minor* CROCKFORD 51
308 *Streblotrypa excavata* CROCKFORD 63
309 *Fenestella amplia* (CROCKFORD) 13
310 *Septopora ornata* CROCKFORD 55
321-324 *Stenopora hirsuta* CROCKFORD 59
325 *Penniretepora granulata* CROCKFORD 34
931 *Fistulopora pillarensis* ROSS 25
932-936 *Fistulipora sadlerensis* ROSS 25
937 *Fenestella emanuelana* ROSS 16
938 *Fenestella westralis* ROSS 23
939 *Fenestella pikerensis* ROSS 21
940 *Nicklesopora crenulata* ROSS 33
941-944 *Nicklesopora westralis* ROSS 34
945 *Nicklesopora leopoldensis* ROSS 33
946 *Nicklesopora fitzroyensis* ROSS 33
947-948 *Fitzroyopora oscarensis* ROSS 26
949 *Granivallum fistulosum* ROSS 27
950 *Percyopora tubulata* ROSS 35
951 *Percyopora occidentalis* ROSS 35
952-957 *Coelocaulis maculosa* ROSS 3
958-963 *Percyopora tubulata* ROSS 36
964 *Nicklesopora crenulata* ROSS 33
965 *Nicklesopora leopoldensis* ROSS 34
966-967 *Percyopora tubulata* ROSS 36
968 *Coelocaulis maculosa* ROSS 3
969 *Discotrypa?* sp. A ROSS 4
970 *Fistulopora sadlerensis* ROSS 25
974 *Granivallum fistulosum* (CROCKFORD) 28
975-976 *Percyopora tubulata* ROSS 36
1053 *Fistulipora vacuolata* CROCKFORD 26
1054 *Fistulipora nura* CROCKFORD 25
1055-1056 *Dybowskiella arborescens* CROCKFORD 4
1057 *Fistulipora liveringa* CROCKFORD 24
1058-1059 *Fistulipora stereos* CROCKFORD 25-26
1060 *Dybowskiella crescens* (CROCKFORD) 4
1061A *Eridopora permiana* CROCKFORD 9
1061B *Saffordotaxis elegans* CROCKFORD 52
1062, 1063A *Eridopora permiana* CROCKFORD 9
1063B *Evactinostella crucialis* (HUDLESTON) 11
1064A *Eridopora permiana* CROCKFORD 9
1064D *Rhabdomeson mammillatum* (BRETNALL) 49

CPC

1064C *Dyscritella spinigera* (BASSLER) 7
1065A *Eridopora permiana* CROCKFORD 9
1065B *Fenestella basleoensis* BASSLER 13
1066, 1067, 1068A *Hexagonella australis* (BRETNALL) 28
1068B *Eiherella porosa* CROCKFORD 10
1068D *Dyscritella* cf. *spinulosa* BASSLER 8
1068E *Streblotrypa minutula* BASSLER 64
1068F-J *Saffordotaxis elegans* CROCKFORD 52
1068K *Fenestella columnaris* (CROCKFORD) 14
1068L *Fenestella disjecta* (CROCKFORD) 16
1068M *Polypora kimberleyensis* CROCKFORD 37
1068N-O *Polypora natalis* CROCKFORD 41
1069-1070 *Hexagonella bifida* CROCKFORD 28
1071A *Hexagonella huddlestoni* CROCKFORD 29
1071B *Hexagonella australis* (BRETNALL) 28
1072A *Hexagonella huddlestoni* CROCKFORD 29
1072B *Stenopora spicata obtusa* CROCKFORD 60
1073A *Hexagonella huddlestoni* CROCKFORD 29
1073B, C *Prismopora digitata* CROCKFORD 44
1073D-F *Eiherella porosa minor* CROCKFORD 11
1073G, H *Eiherella irregularis minor* CROCKFORD 10
1073I *Fenestella horologia* bretnall 17
1073J *Polypora kimberleyensis* CROCKFORD 37
1073K *Saffordotaxis castanea* CROCKFORD 51
1074-1076 *Hexagonella huddlestoni* CROCKFORD 29
1077A-C *Fistulammina lata* CROCKFORD 24
1077E *Goniocladia indica* WAAGEN & PICHL 26
1077F, I *Goniocladia bispinosa* CROCKFORD 26
1077H *Rhabdomeson mammillatum* (BRETNALL) 49
1077J *Saffordotaxis elegans* CROCKFORD 52
1077K *Synocladia teichertii* CROCKFORD 64
1077L *Fenestella hindei* CROCKFORD 17
1078A *Fistulammina lata* CROCKFORD 24
1078B *Goniocladia indica* WAAGEN & PICHL 27
1078D *Rhabdomeson mammillatum* (BRETNALL) 49
1078E, G *Fenestella hindei* CROCKFORD 17
1078F *Fenestella horologia* BRETNALL 18
1078H *Polypora bruteni* WASS 36
1079A *Fistulammina lata* CROCKFORD 24
1079B *Dyscritella spinigera* (BASSLER) 7
1080A *Fistulammina lata* CROCKFORD 24
1080B *Polypora wadei* CROCKFORD 42
1081A *Prismopora digitata* CROCKFORD 44
1081B *Dyscritella spinigera* (BASSLER) 7
1082A *Prismopora digitata* CROCKFORD 44
1082B *Polypora megastoma* DE KONINCK 40
1083A-C, 1084A *Prismopora digitata* CROCKFORD 44
1084C *Dyscritella bruteni* CROCKFORD 5

CPC

1084D	<i>Fenestella horologia</i> BRETNALL	18
1084E	<i>Streblascopora marmionensis</i> (BRETNALL)	61
1084F	<i>Polypora natalis</i> CROCKFORD	41
1085A	<i>Prismopora digitata</i> CROCKFORD	45
1085B	<i>Etherella porosa minor</i> CROCKFORD	11
1085C	<i>Liguloclema meridianus</i> (ETHERIDGE)	30
1086	<i>Prismopora digitata</i> CROCKFORD	45
1087	<i>Prismopora? attenuata</i> CROCKFORD	45
1088-1094B	<i>Prismopora? triradiata</i> CROCKFORD	45-46
1094C	<i>Liguloclema typicalis</i> CROCKFORD	31
1094D	<i>Saffordotaxis elegans</i> CROCKFORD	52
1095	<i>Prismopora? triradiata</i> CROCKFORD	46
1096A-1101A	<i>Evactinostella crucialis</i> (HUDLESTON)	11
1101B	<i>Goniocladia timorensis</i> BASSLER	27
1102A	<i>Etherella porosa</i> CROCKFORD	10
1102B, D	<i>Cryptostomata</i> gen. et sp. indet. CROCKFORD	3-4
1102C, E	<i>Fenestella horologia</i> BRETNALL	18
1103A	<i>Etherella porosa</i> CROCKFORD	10
1103C-D	<i>Saffordotaxis elegans</i> CROCKFORD	53
1104, 1105A	<i>Etherella porosa</i> CROCKFORD	10-11
1106A, 1107A	<i>Liguloclema typicalis</i> CROCKFORD	31
1108A, B	<i>Liguloclema meridianus</i> (ETHERIDGE)	31
1109A	<i>Goniocladia timorensis</i> BASSLER	27
1109B	<i>Liguloclema meridianus</i> (ETHERIDGE)	31
1110A	<i>Goniocladia timorensis</i> BASSLER	27
1110B	<i>Dyscritella spinigera</i> (BASSLER)	7
1111A	<i>Goniocladia timorensis</i> BASSLER	27
1111B	<i>Dyscritella macrostoma</i> CROCKFORD	6
1111D	<i>Polypora obesa</i> CROCKFORD	41
1112B	<i>Fenestella princeps</i> (CROCKFORD)	21
1113A	<i>Rhabdomeson mammillatum</i> (BRETNALL)	50
1114	<i>Ramipora ambrosioides</i> (BRETNALL)	47
1115C	<i>Dyscritella macrostoma</i> CROCKFORD	6
1115D	<i>Polypora kimberleyensis</i> CROCKFORD	37
1116C	<i>Dyscritella macrostoma</i> CROCKFORD	6
1116D	<i>Protoretepora robusta</i> (BASSLER)	47
1116E	<i>Polypora wadei</i> CROCKFORD	42
1117	<i>Cryptostomata</i> gen. et sp. indet. CROCKFORD	4
1118B-E	<i>Saffordotaxis elegans</i> CROCKFORD	53
1119A-D	<i>Stenopora hemispherica</i> WAAGEN & WENTZEL	58
1120A, 1121, 1122A	<i>Stenopora spicata obtusa</i> CROCKFORD	60-61
1122B	<i>Saffordotaxis elegans</i> CROCKFORD	53
1123A-1126B	<i>Stenopora spicata obtusa</i> CROCKFORD	61
1126C	<i>Rhabdomeson mammillatum</i> (BRETNALL)	50
1127	<i>Stenopora lineata</i> CROCKFORD	59
1128A-D	<i>Stenopora bella</i> CROCKFORD	56-57
1129	<i>Megacanthopora? scalariformis</i> CROCKFORD	32
1130-1132	<i>Stenopora punctata</i> CROCKFORD	60
1133, 1134A	<i>Tabulipora scissa</i> CROCKFORD	65
1134B	<i>Saffordotaxis elegans</i> CROCKFORD	53
1135	<i>Tabulipora</i> sp. CROCKFORD	66
1137	<i>Leioclema globosa?</i> CROCKFORD	30
1138	<i>Leioclema globosa</i> CROCKFORD	30
1139A-L, 1140A	<i>Stenodiscus hardmani</i> CROCKFORD	55
1141-1144A	<i>Stenodiscus variabilis</i> CROCKFORD	56
1144B	<i>Rhabdomeson grande</i> BASSLER	49
1145, 1146A	<i>Stenodiscus variabilis</i> CROCKFORD	56
1146B	<i>Rhabdomeson mammillatum</i> var. nov.?	CROCKFORD 50
1146C	<i>Streblascopora marmionensis</i> (BRETNALL)	61
1147	<i>Stenodiscus variabilis</i> CROCKFORD	56
1148, 1149A	<i>Dyscritella spinigera</i> (BASSLER)	7
1149B-F	<i>Saffordotaxis elegans</i> CROCKFORD	53
1150A	<i>Prismopora digitata</i> CROCKFORD	45
1150B	<i>Dyscritella bruteni</i> CROCKFORD	5
1151A, 1152B, 1153A	<i>Dyscritella spinigera</i> (BASSLER)	7
1153B	<i>Polypora woodsi</i> (ETHERIDGE)	43
1154A-1156A	<i>Dyscritella spinigera</i> (BASSLER)	7-8

CPC

1156D	<i>Saffordotaxis multigranulata</i> (BRETNALL)	54
1157A, B	<i>Dyscritella spinigera</i> (BASSLER)	8
1158	<i>Ramipora ambrosioides</i> (BRETNALL)	48
1159A-1162A	<i>Dyscritella tenuirama</i> CROCKFORD	8-9
1162B	<i>Acanthocladia</i> sp. indet. CROCKFORD	3
1163A, B, 1165A	<i>Dyscritella tenuirama</i> CROCKFORD	9
1166A, 1167A	<i>Dyscritella spinigera</i> (BASSLER)	8
1167B	<i>Rhabdomeson bretnalli</i> CROCKFORD	48
1168A	<i>Dyscritella bruteni</i> CROCKFORD	5
1168D	<i>Protoretepora flexuosa</i> CROCKFORD	46
1169A	<i>Streblotrypa minutula</i> BASSLER	64
1169B	<i>Dyscritella bruteni</i> CROCKFORD	5
1169D-E, 1170A	<i>Saffordotaxis elegans</i> CROCKFORD	53
1171B	<i>Fenestella horologia</i> BRETNALL	18
1171C	<i>Polypora kimberleyensis</i> CROCKFORD	38
1172	<i>Dyscritella adnascens</i> BASSLER	5
1173C	<i>Polypora kimberleyensis</i> CROCKFORD	38
1173A-B, 1174A	<i>Dyscritella adnascens</i> BASSLER	5
1174B	<i>Fenestella columnaris</i> (CROCKFORD)	14
1174C	<i>Protoretepora flexuosa</i> CROCKFORD	46
1175	<i>Dyscritella bruteni</i> CROCKFORD	5
1176A	<i>Dyscritella macrostoma</i> CROCKFORD	6
1176B	<i>Rhabdomeson mammillatum</i> var. nov.?	CROCKFORD 50
1177-1178	<i>Dyscritella macrostoma</i> CROCKFORD	6
1179A	<i>Liguloclema meridianus</i> (ETHERIDGE)	31
1179B	<i>Liguloclema</i> sp. CROCKFORD	31
1180	<i>Callocladia? ramosa</i> CROCKFORD	3
1181	<i>Dyscritella liveringa</i> CROCKFORD	6
1182	<i>Rhabdomeson mammillatum</i> (BRETNALL)	50
1183A	<i>Rhabdomeson mammillatum</i> var. nov.?	CROCKFORD 50
1183B,D	<i>Saffordotaxis elegans</i> CROCKFORD	53
1183C	<i>Streblotrypa minutula</i> bassler	64
1184A	<i>Rhabdomeson mammillatum</i> var. nov.?	CROCKFORD 50
1184B	<i>Saffordotaxis elegans</i> CROCKFORD	53
1184C	<i>Polypora kimberleyensis</i> CROCKFORD	38
1184D	<i>Cryptostomata</i> gen. et sp. indet. CROCKFORD	4
1185A-B	<i>Rhabdomeson mammillatum</i> var. nov.?	CROCKFORD 50-51
1185C	<i>Dyscritella macrostoma</i> CROCKFORD	6
1185D	<i>Streblotrypa minutula</i> BASSLER	64
1185E	<i>Saffordotaxis elegans</i> CROCKFORD	53
1185F	<i>Fenestella columnaris</i> (CROCKFORD)	15
1185G	<i>Fenestella horologia</i> BRETNALL	18
1186A	<i>Rhabdomeson mammillatum</i> var. nov.?	CROCKFORD 51
1186B	<i>Fenestella columnaris</i> (CROCKFORD)	15
1186C	<i>Fenestella horologia</i> BRETNALL	19
1187A	<i>Rhabdomeson mammillatum</i> var. nov.?	CROCKFORD 50
1187B, C	<i>Rhabdomeson bretnalli</i> CROCKFORD	49
1187D	<i>Saffordotaxis castanea</i> CROCKFORD	52
1187E	<i>Polypora woodsi</i> (ETHERIDGE)	43
1187F, I-M	<i>Saffordotaxis elegans</i> CROCKFORD	54
1187G-H	<i>Streblascopora marmionensis</i> (BRETNALL)	61
1187N	<i>Fenestella horologia</i> BRETNALL	18
1187O	<i>Polypora kimberleyensis</i> CROCKFORD	38
1188A	<i>Rhabdomeson bretnalli</i> CROCKFORD	49
1188B	<i>Dyscritella spinigera</i> CROCKFORD	7
1188C	<i>Fenestella horologia</i> BRETNALL	19
1188E	<i>Streblascopora marmionensis</i> (BRETNALL)	62
1189A	<i>Rhabdomeson bretnalli</i> CROCKFORD	49
1189B	<i>Streblascopora marmionensis</i> (BRETNALL)	62
1190	<i>Rhabdomeson bretnalli</i> CROCKFORD	49
1191A	<i>Saffordotaxis multigranulata</i> (BRETNALL)	54
1191B	<i>Polypora kimberleyensis</i> CROCKFORD	38
1192-1193	<i>Saffordotaxis multigranulata</i> (BRETNALL)	54

CPC

1194B	<i>Streblascopora marmionensis</i> (BRETNALL)	62
1195A, B	<i>Saffordotaxis elegans</i> CROCKFORD	54
1195C, D	<i>Fenestella horologia</i> BRETNALL	19
1195E	<i>Polypora natalis</i> CROCKFORD	41
1196B	<i>Fenestella disjecta</i> (CROCKFORD)	16
1197	<i>Streblotrypa minutula</i> BASSLER	64
1199	<i>Saffordotaxis elegans</i> CROCKFORD	54
1200, 1201A	<i>Streblotrypa minutula</i> BASSLER	64
1201B	<i>Fenestella</i> sp. nov. CROCKFORD	23
1202A, 1203	<i>Saffordotaxis castanea</i> CROCKFORD	52
1204	<i>Saffordotaxis</i> cf. <i>wanneri</i> (BASSLER)	55
1205	<i>Synocladia teichert</i> CROCKFORD	65
1206A	<i>Fenestella princeps</i> (CROCKFORD)	22
1207	<i>Polypora megastoma</i> DE KONINCK	40
1208	<i>Fenestella basleoensis</i> BASSLER	13
1209A	<i>Fenestella disjecta</i> (CROCKFORD)	16
1209B	<i>Fenestella horologia</i> BRETNALL	19
1210A	<i>Fenestella columnaris</i> (CROCKFORD)	15
1210B	<i>Polypora kimberleyensis</i> CROCKFORD	38
1210C	<i>Fenestella horologia</i> BRETNALL	19
1212	<i>Goniocladia timorensis</i> BASSLER	27
1213A	<i>Fenestella valentis</i> (CROCKFORD)	23
1213B	<i>Fenestella cacuminatis</i> (CROCKFORD)	14
1213C-E	<i>Fenestella horologia</i> BRETNALL	19
1213F, G	<i>Polypora kimberleyensis</i> CROCKFORD	38
1214, 1215A	<i>Fenestella columnaris</i> (CROCKFORD)	15
1215B	<i>Syncladia teichert</i> CROCKFORD	65
1216A	<i>Fenestella columnaris</i> (CROCKFORD)	15
1216B	<i>Fenestella horologia</i> BRETNALL	19
1216C	<i>Fenestella hindei</i> CROCKFORD	17
1216D	<i>Polypora kimberleyensis</i> CROCKFORD	38
1217	<i>Fenestella columnaris</i> (CROCKFORD)	15
1218, 1219A, B	<i>Polypora megastoma</i> DE KONINCK	40
1220, 1221	<i>Fenestella horologia</i> BRETNALL	19
1222	<i>Lyropora joselina</i> CROCKFORD	32
1223A, B	<i>Streblascopora marmionensis</i> (BRETNALL)	62
1224A	<i>Fenestella horologia</i> BRETNALL	19
1224B	<i>Streblascopora marmionensis</i> (BRETNALL)	62
1224C	<i>Polypora kimberleyensis</i> CROCKFORD	38
1225A	<i>Fenestella basleoensis</i> BASSLER	13
1226	<i>Polypora megastoma</i> DE KONINCK	40
1227-1229A	<i>Polypora fovea</i> CROCKFORD	37
1229B	<i>Polypora bruteni</i> WASS	36
1229C	<i>Polypora obesa</i> CROCKFORD	42
1230A	<i>Evactinostella crucialis</i> (HUDLESTON)	12
1230B	<i>Fistulammina lata</i> CROCKFORD	24
1231	<i>Polypora woodsi</i> (ETHERIDGE)	43
1232, 1233	<i>Fenestella horologia</i> BRETNALL	20
1234A	<i>Synocladia teichert</i> CROCKFORD	65
1234B	<i>Polypora woodsi</i> (ETHERIDGE)	44
1235A	<i>Stenodiscus variabilis</i> CROCKFORD	56
1236C	<i>Fenestella horologia</i> BRETNALL	20
1237-1238B	<i>Fenestella disjecta</i> CROCKFORD	16
1238C	<i>Polypora woodsi</i> (ETHERIDGE)	44
1238D	<i>Polypora kimberleyensis</i> CROCKFORD	38
1239	<i>Fenestella valentis</i> (CROCKFORD)	23
1240-1245	<i>Polypora kimberleyensis</i> CROCKFORD	38-39
1246	<i>Fenestella princeps</i> (CROCKFORD)	22
1246A	<i>Polypora kimberleyensis</i> CROCKFORD	39
1247A	<i>Polypora wadei</i> CROCKFORD	42
1247B	<i>Polypora obesa</i> CROCKFORD	42
1248, 1249	<i>Polypora natalis</i> CROCKFORD	41
1250	<i>Polypora bruteni</i> WASS	36
1251A	<i>Dyscritella macrostoma</i> CROCKFORD	6
1252-1254	<i>Polypora wadei</i> CROCKFORD	43
1255	<i>Polypora obesa</i> CROCKFORD	42
1256A-1258	<i>Lyropora joselina</i> CROCKFORD	32
1259	<i>Protoretepora ampla</i> (LONSDALE)	46
1260	<i>Protoretepora robusta</i> (BASSLER)	47

CPC

1261-1265	<i>Protoretepora flexuosa</i> CROCKFORD	47
1266	<i>Saffordotaxis multigranulata</i> (BRETNALL)	54
1267	<i>Protoretepora flexuosa</i> CROCKFORD	47
1268	<i>Polypora multiporifera</i> CROCKFORD	41
1269	<i>Protoretepora flexuosa</i> CROCKFORD	47
1270-1273	<i>Synocladia</i> sp. CROCKFORD	65
1274	<i>Synocladia teichert</i> CROCKFORD	65
1275	<i>Rhombocladia spinulifera</i> CROCKFORD	51
1276A	<i>Fenestella basleoensis</i> BASSLER	13
1276B	<i>Saffordotaxis elegans</i> CROCKFORD	54
1277	<i>Rhabdomeson mammillatum</i> var. nov.? CROCKFORD	51
1278A	<i>Ramipora ambrosioides</i> (BRETNALL)	48
1278B	<i>Fenestella disjecta</i> (CROCKFORD)	16
1279	<i>Liguloclema typicalis</i> CROCKFORD	31
1280	<i>Goniocladia timorensis</i> BASSLER	27
1281A, B	<i>Fenestella horologia</i> BRETNALL	20
1281C, D	<i>Streblascopora marmionensis</i> (BRETNALL)	62
1282A	<i>Dybowskiella crescens</i> (CROCKFORD)	4
1282B	<i>Stenodiscus hardmani</i> CROCKFORD	55
1283C	<i>Rhabdomeson mammillatum</i> (BRETNALL)	50
1284, 1285A	<i>Hexagonella? lineata</i> CROCKFORD	20, 29
1285B	<i>Fenestella horologia</i> BRETNALL	20, 29
1286	<i>Hexagonella? lineata</i> CROCKFORD	30
1287A	<i>Liguloclema typicalis</i> CROCKFORD	31
1287B	<i>Streblascopora marmionensis</i> (BRETNALL)	62
1287C	<i>Fenestella horologia</i> BRETNALL	20
1288	<i>Polypora kimberleyensis</i> CROCKFORD	39
1289	<i>Polypora natalis</i> CROCKFORD	41
1290B	<i>Dyscritella spinigera</i> (BASSLER)	8
1290D	<i>Dyscritella tenuirama</i> CROCKFORD	9
1290G	<i>Hexagonella australis</i> (BRETNALL)	28
1290L	<i>Fenestella princeps</i> (CROCKFORD)	22
1290M	<i>Polypora woodsi</i> (ETHERIDGE)	44
1290O	<i>Fenestella horologia</i> BRETNALL	20
1291A-E	<i>Stenopora hemispherica</i> WAAGEN & WENTZEL	58-59
1291F	<i>Fenestella horologia</i> BRETNALL	20
1292	<i>Fistulipora vacuolata</i> CROCKFORD	26
1293A	<i>Stenodiscus hardmani</i> CROCKFORD	55
1293B-C	<i>Streblascopora marmionensis</i> (BRETNALL)	62
1294	<i>Leioclema globosa</i> CROCKFORD	30
1295	<i>Evactinostella crucialis</i> (HUDLESTON)	12
1296	<i>Streblascopora marmionensis</i> (BRETNALL)	63
1297A	<i>Fenestella valentis</i> (CROCKFORD)	23
4692-4701	<i>Stenopora dickinsi</i> ROSS	57-58
4702-4706	<i>Stenopora fisheri</i> ROSS	58
4707-4708	<i>Stenopora lyndoni</i> ROSS	59
4709-4737	<i>Polypora lyndoni</i> ROSS	39-40
4738	<i>Stenopora fisheri</i> ROSS	58
5188	<i>Polypora lyndoni</i> ROSS	40
7015-7016	<i>Liguloclema</i> sp. WASS	32
7017-7024	<i>Ramipora ambrosioides</i> (BRETNALL)	48
7025	<i>Rhombopora</i> sp. WASS	51
7026	<i>Protoretepora ampla</i> (LONSDALE)	46
7027	<i>Penniretepora triporosa</i> CROCKFORD	35
7028-7033	<i>Streblascopora marmionensis</i> (BRETNALL)	63
7034	<i>Fenestella bowenensis</i> WASS	13
7035	<i>Fenestella ampla</i> (CROCKFORD)	13
7036-7037	<i>Fenestella springsurensis</i> WASS	22
7038	<i>Fenestella</i> (<i>Parafenestella</i>) sp. WASS	23
7039	<i>Penniretepora</i> sp. WASS	35
7040-7041	<i>Leioclema</i> sp. WASS	30
7097-7102	<i>Fenestella horologia</i> WASS	20-21
7103-7106	<i>Penniretepora</i> sp. WASS	35
7107-7108	<i>Fenestella spinifera</i> (CROCKFORD)	22
7109	<i>Polypora woodsi</i> (ETHERIDGE)	44
7110	<i>Polypora virga</i> LASERON	42
7111	<i>Fenestella springsurensis</i> WASS	22

CPC

7112-7115	<i>Polypora keppelensis</i> CROCKFORD	37
7116-7118	<i>Fenestella fossula</i> LONSDALE	17
7119-7120	<i>Fenestella canthariformis</i> (CROCKFORD)	14
7121	<i>Fenestella</i> cf. <i>columnaris</i> (CROCKFORD)	15
7122	<i>Fenestella</i> (<i>Parafenestella</i>) sp. WASS	23
7123	<i>Polypora woodsi</i> (ETHERIDGE)	44
7124-7125	<i>Fenestella bowenensis</i> WASS	13
7126	<i>Stenopora ovata</i> LONSDALE	59
7127-7128	<i>Stenopora crinita</i> LONSDALE	57
7129-7130	<i>Stenopora ovata</i> LONSDALE	60
7153-7154	<i>Stenopora ovata</i> LONSDALE	60
7703-7705	<i>Evactinostella crucialis</i> (HUDLESTON)	12
7706	<i>Fistulamina</i> sp. WASS	24
7707	<i>Hexagonella densa</i> CROCKFORD	28
7708-7709	<i>Saffordotaxis elegans</i> CROCKFORD	54
7710-7714	<i>Streblascopora marmionensis</i> (BRETNALL)	63
7715-7716	<i>Fenestella horologia</i> BRETNALL	21

F CPC

782	302	<i>Fenestella affluensa</i> BRETNALL	12
783	30412	<i>Fenestella affluensa</i> BRETNALL	12
784	30413	<i>Fenestella affluensa</i> BRETNALL	12
785	300	<i>Fenestella sparsigemmata</i> (CROCKFORD)	22
786	301	<i>Fenestella alia</i> (CROCKFORD)	12
787	30414	<i>Fenestella alia</i> (CROCKFORD)	12
788	303	<i>Fenestella chapmani</i> (CROCKFORD)	14
789	304	<i>Fenestella chapmani</i> (CROCKFORD)	14
790	30415	<i>Fenestella chapmani</i> (CROCKFORD)	14
791	30416	<i>Fenestella chapmani</i> (CROCKFORD)	14
792	309	<i>Fenestella amplia</i> (CROCKFORD)	13
793	30418	<i>Fenestella horologia</i> BRETNALL	21
794	30420	<i>Minilya</i> sp. cf. <i>duplaris</i> CROCKFORD	33
795	305	<i>Penniretepora triporosa</i> CROCKFORD	34
796	310	<i>Septopora ornata</i> CROCKFORD	55
797	30421	<i>Penniretepora granulata</i> CROCKFORD	34

CPC

7717	<i>Fenestella lennardi</i> (CROCKFORD)	21
7718	<i>Polypora rectifis</i> CROCKFORD	42
7719-7720	<i>Polypora wadei</i> CROCKFORD	43
7721	<i>Polypora bruteni</i> WASS	36
7722	<i>Protoretepora ampla</i> (LONSDALE)	46
30412-30413	<i>Fenestella affluensa</i> BRETNALL	12
30414	<i>Fenestella alia</i> (CROCKFORD)	12
30415-30417	<i>Fenestella chapmani</i> (CROCKFORD)	14
30418-30419	<i>Fenestella horologia</i> BRETNALL	21
30420	<i>Minilya</i> sp. cf. <i>duplaris</i> CROCKFORD	33
30421-30422	<i>Penniretepora granulata</i> CROCKFORD	34
30423-30424	<i>Rhombocladia minor</i> CROCKFORD	51
30425-30426	<i>Streblacladia excavata</i> CROCKFORD	64
30427-30428	<i>Penniretepora triporosa</i> CROCKFORD	34
30429	<i>Septopora ornata</i> CROCKFORD	55
30430	<i>Penniretepora fossata</i> CROCKFORD	34

F CPC

798	30423	<i>Rhombocladia minor</i> CROCKFORD	51
799	30425	<i>Streblacladia excavata</i> CROCKFORD	64
800	325	<i>Penniretepora granulata</i> CROCKFORD	34
801	30417	<i>Fenestella chapmani</i> (CROCKFORD)	14
802	30427	<i>Penniretepora triporosa</i> CROCKFORD	34
803	306	<i>Penniretepora fossata</i> CROCKFORD	34
804	30429	<i>Septopora ornata</i> CROCKFORD	55
805	307	<i>Rhombocladia minor</i> CROCKFORD	51
806	308	<i>Streblacladia excavata</i> CROCKFORD	63
807	30430	<i>Penniretepora fossata</i> CROCKFORD	34
808	30424	<i>Rhombocladia minor</i> CROCKFORD	51
809	30426	<i>Streblacladia excavata</i> CROCKFORD	64
810	30419	<i>Fenestella horologia</i> BRETNALL	21
811	30428	<i>Penniretepora triporosa</i> CROCKFORD	34
812	30422	<i>Penniretepora granulata</i> CROCKFORD	34
3200	321	<i>Stenopora hirsuta</i> CROCKFORD	59



9 780644 220521

B91/22082 Cat. No. 9116646