

COMMONWEALTH OF AUSTRALIA.

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DEPARTMENT OF NATIONAL DEVELOPMENT.
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS.

RECORDS.

1958/121

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SUMMARY OF ACTIVITIES 1958

EDITING, PUBLICATIONS, DRAWING OFFICE, MUSEUM AND LIBRARY

by

K. A. Townley

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Editing and Publication

During the year the following publications were issued:

- Bulletin 36 - The Geology of the Fitzroy Basin, W.A. by D. J. Guppy, A. W. Lindner, J.H. Rattigan and J.N. Casey.
- 39 - The Permian Orthotetacea of Western Australia by G. A. Thomas.
- 41 - Lower Permian Pelecypods and Gastropods from the Carnarvon Basin, Western Australia, by J. M. Dickins.
- 42 - The Cambrian Trilobite Redlichia: Organization and Generic Concept, by A. A. Opik.
- 48 - Permian Foraminifera of Australia, by I. Crespin.
- 49 - The Cambrian Geology of Australia, by A. A. Opik and others.
- Report 41 - Summary of Oil Search Activities in Australia and New Guinea to the end of 1957.

Explanatory Notes to the following Four-Mile Maps:

- No. 6 Sydney
No. 7 Jerilderie
No. 8 Derby
No. 9 Mount Anderson
No. 10 Noonkanbah (No. 6 to 11)
No. 11 Lennard River

A feature of the year's publications has been the major addition to the body of knowledge of Australian Permian fossils, so necessary for oil-search.

The printing process is now taking less time: whereas Bulletins 36, 39 and 40 took 14 months each to print, Bulletin 42 took only ten months, and Bulletin 48 - a volume of nearly 200 pages, with 33 complex plates - only eight months. It seems that the Bulletins recently delivered to the Government Printer are also likely to be completed fairly quickly.

Publications now in the printer's hands are:

- Bulletin 32 - The Geology of the Canberra City District, by A. A. Opik.
- 37 - The Maranboy Tin-field, N.T., by B. P. Walpole.

- Bulletin 38 - The Mount Lamington Eruption of 1951, by
G. A. M. Taylor.
- 45 - Devonian Brachiopods from the Fitzroy Basin, W.A.,
by J. J. Veevers.
- 52 - A Contribution to the Geology of Part of Australian
Antarctic Territory, by P. W. Crohn.
- 54 - New Aconecerasinae (Ammonoidia) from the Albian
and Aptian of Australia, by R. O. Brunnschweiler.
- 55 - Devonian and Carboniferous ~~Br~~achiopods from
North-Western Australia, by J. J. Veevers.
- Report 37 - The Geology of the Coastal Area between the Lower
Gascoyne and Murchison Rivers, W.A., by M.C. Konecki,
J.M. Dickins and T. Quinlan.

One Explanatory Note.

In the editor's hands at the end of the year were
four Bulletins, five Reports, and ten Explanatory Notes.

Drawing Office

The following 4-mile geological maps were received
from the printer:

Yarrie, Anketell, Paterson Range, Jerilderie, Cloncurry,
Dobbyn, Westmoreland, Urandangi (2nd edition).

Three one-mile maps - Goodparla North and South, and
Randford Hill - were in the hands of the printer; and four
four-mile, five one-mile and two special maps were approaching
completion.

196 drawings were made for publications and Records.

A draft Tectonic Map of the Northern Territory was
completed for the meeting of ANZAAS in August, and a draft
compilation of the Tectonic Map of Australia was well under
way by the end of the year.

Museum

More than 5,000 specimens were received into the main
museum in Childers Street, Turner, and were indexed and filed
away for easy reference. This section now contains 150 cabinets,
and upwards of 25,000 specimens, and at the present rate of
accretion is rapidly approaching its storage limit.

Towards the end of the year the "Archives" section
of the Museum was rehoused in the Administrative Building,
which relieved the acute congestion of these specimens.

Library

The cataloging of pamphlets has been completed to the
end of the letter "R". The registers for the serial publications
are now complete and work has commenced on sending cards to

C.S.I.R.O. for inclusion in the new edition of "Scientific Serials in Australian Libraries".

Borrowing of books and serials has almost doubled over the last twelve to eighteen months, and the increased work entailed by this makes it doubtful whether much further progress can be made with cataloging.

All publications issued by the Geological Section were distributed by the Library Staff.