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DEPARTMENT OF NATIONAL DEVELOPMENT

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Report No. 20

MICROPALAEONTOLOGICAL INVESTIGATIONS IN THE BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS, 1927-52.

BY

IRENE CRESPIN

Issued under the Authority of Senator the Hon. W. H. Spooner,
Minister for National Development
1956

LIST OF REPORTS

1. Preliminary Report on the Geophysical Survey of the Collie Coal Basin.—N. G. Chamberlain, 1948.
2. Observations on the Stratigraphy and Palaeontology of Devonian, Western Portion of Kimberley Division, Western Australia.—C. Teichert, 1949.
3. Preliminary Report on Geology and Coal Resources of Oaklands-Coorabin Coalfield, New South Wales.—E. K. Sturmfels, 1950.
4. Geology of the Nerrima Dome, Kimberley Division, Western Australia.—D. J. Guppy, J. O. Cuthbert, and A. W. Lindner, 1950.
5. Observations of Terrestrial Magnetism at Heard, Kerguelen, and Macquarie Islands, 1947-48. (Carried out in co-operation with the Australian National Research Expedition, 1947-48.)—N. G. Chamberlain, 1952.
6. Geology of New Occidental, New Cobar, and Chesney Mines, Cobar, New South Wales.—C. J. Sullivan, 1951.
7. Mount Chalmers Gold and Copper Mine, Queensland.—N. H. Fisher and H. B. Owen, 1952.
8. The Ashford Coal Province, New South Wales.—H. B. Owen, G. M. Burton, and L. W. Williams, 1955.
9. The Mineral Resources of Papua and New Guinea.—P. B. Nye and N. H. Fisher, 1954.
10. Geological Reconnaissance of South-West Portion of Northern Territory.—G. F. Joklik, 1952.
11. The Nelson Bore, Victoria: Micropalaeontology and Stratigraphical Succession.—I. Crespin, 1955.
12. Stratigraphy and Micropalaeontology of the Tertiary Marine Rocks between Adelaide and Aldinga, South Australia.—I. Crespin, 1955.
13. Geology of Dampier Peninsula, Western Australia.—R. O. Brunnschweiler (in press).
14. A Provisional Isogonic Map of Australia and New Guinea, showing Predicted Values for the Epoch 1955-5.—F. W. Wood and I. B. Everingham, 1953.
15. Progress Report on the Stratigraphy and Structure of the Carnarvon Basin, Western Australia.—M. A. Condon, 1955.
16. Siesmic Reflection Survey at Roma, Queensland.—J. C. Dooley.
17. Mount Philp Iron Deposit, Queensland.—E. K. Carter and J. H. Brooks, 1956.
18. Petrology and Petrography of Limestones from the Fitzroy Basin, Western Australia.—J. E. Glover, 1956.
19. Seismic Reflection Survey, Parish of Darriman, Gippsland, Victoria.—M. J. Garrett.
20. Micropalaeontological Investigations in the Bureau of Mineral Resources, 1927-52.—I. Crespin.
21. Magnetic Results from Heard Island, 1952.—L. N. Ingall.
22. Occurrence and Distribution of Oil in Glauconitic Sandstone at Lakes Entrance, Victoria.—R. F. Thyer and L. C. Noakes, 1956.
23. Seismic Reflection Survey at Roma, Queensland, 1952-53.—L. W. Williams, 1955.
24. Sedimentary Control of Uranium Deposition in Northern Territory.—M. A. Condon and B. P. Walpole, 1955.
25. Papers on Tertiary Micropalaeontology.—I. Crespin, F. M. Kicinski, S. J. Patterson, and D. J. Belford, 1956.
26. The Mount Langila Eruption.—G. A. Taylor, J. G. Best, and M. A. Reynolds (in press).
27. Magnetic Results from Macquarie Island.
28. The Identification of the Boundary between Coal Measures and Marine Beds, Singleton-Muswellbrook District, New South Wales.—M. A. Reynolds, 1956.
29. The Geology of the South-West Canning Basin.—D. M. Traves, J. N. Casey, and A. T. Wells (in press).

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Minister: SENATOR THE HON. W. H. SPOONER, M.M.

Secretary: H. G. RAGGATT, C.B.E.

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INTRODUCTION

With the discovery of oil in Australia at Rough Range, in the Exmouth Gulf area, Western Australia, announced on December 3rd, 1953, it seems an appropriate time to make a survey of the part played by the palaeontologist, and especially the micropalaeontologist, in the search for oil in Australia, Papua and New Guinea.

To help in the search for oil the Commonwealth Government in May, 1927, created a Geological Branch of the Department of Home Affairs with a Palaeontological Section to carry out systematic palaeontological investigations. Frederick Chapman, A.L.S., Palaeontologist to the National Museum, Melbourne, was appointed first Commonwealth Palaeontologist in October 1927, with headquarters at the National Museum. He retired in December 1935, and the writer, who had been Assistant Commonwealth Palaeontologist since December, 1927, succeeded him. The Section then was transferred to Canberra with headquarters in the Census Building, Civic Centre.

In more recent years these palaeontological investigations have been directed not only to the search for oil but also to the search for underground water and coal. Consequently an immense amount of palaeontological information and fossiliferous material has passed through the laboratory during these twenty-five years. Hundreds of thousands of feet of bore cores and cuttings from all parts of Australia, Papua and New Guinea, as well as thousands of surface samples, have been examined for microfaunas. The number of individual micro-fossils and mega-fossils examined is too large to estimate. The microfossils alone would run into hundreds of thousands of specimens. Almost all early samples and fossils submitted for examination by the Geological Branch and later by the Bureau of Mineral Resources, by State Geological Surveys, and by private companies engaged in the search for oil, coal, and water, have been preserved for future reference. With the little assistance that was available until recently, it was almost impossible to keep labelling, registration and cataloguing of samples and fossils up to date, but the efforts to keep the

collections in some sort of order during these 25 years resulted in a valuable collection of historical and reference material of practical assistance to any worker in Australian Stratigraphy. This compilation is made as an historical record and so that such workers may realise what is available.

The early collections that form the nucleus of the Commonwealth Palaeontological Collection are described; and a complete list of reports issued by F. Chapman, the first Commonwealth Palaeontologist from 1927 until 1935 (the year of his retirement), and later by the writer as his successor, is given. A list of published papers by these two based on material in the collections is also appended.

THE GROWTH OF THE COMMONWEALTH PALAEONTOLOGICAL COLLECTION

Thanks to the foresight of Frederick Chapman, the Commonwealth Palaeontological Collection began to build up almost immediately after the creation of the Geological Branch in 1927. The small amount of storage space available at the National Museum was soon overcrowded.

The first collection of fossiliferous rocks to be studied by F. Chapman and the writer was submitted by the Anglo-Persian Oil Company from its geological surveys in Papua and New Guinea. This was closely followed by core samples from bores being drilled in Gippsland by the Geological Survey of Victoria and in Western Australia by private companies engaged in the search for oil. Shortly after the transfer to Canberra in February 1936, fossiliferous material, chiefly for micropalaeontological examination, came from all parts of Australia, Papua and New Guinea, and the storage problem was again aggravated. However, this problem was temporarily eased by using the garages at the rear of the Census Building for the purpose. It was further relieved when buildings at Riverside Hostel were made available.

The material has been derived from four sources:-

1. Collections by Commonwealth geologists;
2. State Geclogical Surveys and State Water Supply Authorities;
3. Private companies engaged primarily in the search for oil;
4. The acquisition of private collections or collections of historical value.

The collections are discussed in more detail.

STATE SURVEYS, PRIVATE COMPANIES AND BUREAU COLLECTIONS

Papua and New Guinea

More than 7,000 samples have been examined from this area.

As already stated, the first collection of fossiliferous rocks submitted for micropalaeontological examination came from the Anglo-Persian Oil Company, which was conducting a detailed survey of parts of New Guinea and Papua, in a search for oil. Associated with this work was Mr. J.N. Montgomery, who was responsible for the collection of 1067 samples of limestones from the Port Moresby, Yule Island, Delena, Redscar Head, and Bootless Inlet areas. Thin sections of most of these rocks were prepared in Port Moresby and these sections together with the rock specimens form a useful record of the geology of the area. Further collections were made in eastern Papua and in the Aitape and Wanimo areas of New Guinea by other geologists of the Company including R.K. Richardson, J. Nason-Jones and Simon Papp. The results of the work by Mr. Chapman and the writer on these specimens formed the basis of the fourth of the four volumes of the Report on the activities of the Company in the region (1929-1930). Earlier work by Mr. Chapman is included in the other volumes. It is notable that the "letter" classification instituted by the Dutch palaeontologists Van der Vlerk and Umbgrove in 1927 for Tertiary stratigraphy in the Indo-Pacific region was used by Chapman and Crespin for the first time in Australia when referring to the age of the limestones in Papua and New Guinea. Since then it has become standard practice.

During 1928 small collections of limestones were received from Oriomo Oil Limited, which was operating in Western Papua.

After the withdrawal of the Anglo-Persian Oil Company from Papua and New Guinea in 1929, Oil Search Limited of Sydney started a geological reconnaissance survey of the Matapau and Sepik areas in New Guinea. Fossil material was submitted to the Palaeontological Section. Between 1929 and 1939, G.A.V. Stanley forwarded 2,351 numbered samples for determination. The number of specimens in the collections was much larger, for one sample containing macro-fossils would include up to 100 individual specimens. Consequently it was possible for the Palaeontological Section to build up what is probably one of the best collections in the world of fossils from Papua and New Guinea. Oil Search Limited also forwarded large collections of fossiliferous material from localities around the Gulf of Papua.

In 1938, Island Exploration and Australasian Petroleum Company decided to carry out geological work in Papua and New Guinea, and large collections of sedimentary rocks were submitted for examination. At this time the writer was the only micropalaeontologist working in an official capacity in this part of the world, for it was not until early 1939 that Dr. Glaessner joined the Australasian Petroleum Company as micropalaeontologist in Port Moresby. After his arrival little material was examined by the Section for the two companies, although under the Petroleum Ordinance it was necessary for them to submit duplicate specimens of well samples. The microfaunal slides prepared from the samples before 1939 form a valuable part of the Collection.

From 1938 until 1941, the Papuan Apinaipi Company was engaged in geological work in the Oiapu area. Many samples were submitted for examination from the bores drilled in the area and from surface exposures.

In 1938 and 1939, Papuan Oil Development Company carried out an extensive drilling programme in Western Papua and more than 700 samples from bores and surface deposits were submitted for examination.

From 1936 to 1941, the Government Geologists in New Guinea submitted more than 200 samples from outcrops in New Guinea, New Britain and New

Ireland.

The Bureau holds many hundreds of duplicate samples of cuttings from the Kariava, Oroi, Hohoro and Omati Wells, drilled by the Australasian Petroleum Company and Island Exploration Company in Papua.

Queensland

About 2,500 samples have been examined from Queensland. Most of these were submitted between 1930 and 1939 by subsidiary companies of Oil Search Limited such as Drillers Limited, which drilled two deep bores in the Injune-Springsure area. The Arcadia Bore reached 6,001 feet; 1936 samples, mainly of cuttings, were submitted. The Hutton Creek Bore was drilled to 4,688 feet. Oil Search Limited carried out geological reconnaissance work in the Longreach area also and drilled several shallow scout bores. All the material submitted from this area has been examined.

In 1936, K. Washington Gray, on behalf of Commonwealth Oil Refineries Limited, made a survey of the Springsure area. Useful collections of Permian foraminifera were obtained from his specimens.

Companies operating in the Roma area asked for assistance from the Commonwealth Government, and cases of core samples arrived from this area. The writer visited Roma in 1947 and 1949 and made large collections of Lower Cretaceous sediments for microfaunas. Boxes of cores from bores drilled in the Narrows by the Geological Survey of Queensland have also been received, but have not been examined in detail.

Material from the opal fields near Quilpie, and diatomites from many localities, have been examined.

New South Wales

Nearly 3,000 samples have been examined from New South Wales. The majority are from the Hunter River area, where geological surveys have been made and bores have been drilled in the search for oil. Many more samples have come from bores put down in the northern part of the State during artesian water investigations.

The first material to be examined by the Palaeontological Section came from the Belford Dome in 1928, when cores from two bores were submitted.

From 1938 to 1941 a subsidiary company of Oil Search Limited (Gas Drillers Limited) drilled a bore at Kulnura near Wyong, to the depth of 6,019 feet, and 886 samples of cuttings and cores were submitted for examination. Oil Search Limited also carried out an extensive survey in the Hunter River District, and submitted a collection of 866 samples. These surveys were undertaken by H.G. Raggatt, J.N. Montgomery and G.D. Osborne. D. Dale Condit made collections down the Victoria Pass section. K. Washington Gray was active in the Hunter River area in 1934. As a result of these collections a considerable amount of fossiliferous material of Permian age was made available. Unfortunately nearly all the slides of foraminifera prepared from this area were destroyed in the fire of 1953.

In 1940 the Water Conservation and Irrigation Commission of New South Wales made arrangements with Dr. W.G. Woolnough, Commonwealth Geologist, and later with Dr. H.G. Raggatt, who succeeded him, for a micropalaeontological examination of samples from all bores being drilled in the Great Artesian Basin. This work is still being carried on. About 1,000 samples from 50 bores have been examined. A magnificent collection of Lower Cretaceous foraminifera was secured from these samples but unfortunately most of the slides were lost in the fire.

Victoria

Soon after the creation of the Palaeontological Section, in 1927, the Geological Survey of Victoria began to submit for palaeontological examination all cores recovered in their drilling campaign in Gippsland and those from bores put down by private companies in that area. By 1943, when the writer issued her Bulletin on the Tertiary Stratigraphy of Gippsland, 93,000 feet of cores had been examined from the area. All Government Bores and the majority of those put down by private companies were cored. Many early cores, the diameter of which ranged from 3 inches to 6 inches, were sawn in half, the Geological Survey retaining one portion and the Palaeontological Section the other. All fossiliferous material submitted by the Geological Survey was registered before it left the

Geological Survey Museum.

About 10,000 samples have been examined from Victoria and nearly 8,000 of these have come from Gippsland. The samples include not only material for micropalaeontological examination but many macro-fossils. The writer has personally examined all samples and from 1932 onwards visited all bore sites in Gippsland and supplemented the collections made by the drillers. She also visited all known outcrops in the area.

Many other samples came from the 23 bores drilled in the Dartmoor area of Western Victoria and from bores in the Mallee and Wimmera which were drilled for water. 427 samples were taken from the Nelson Bore, on the Glenelg River. This bore, which reached the depth of 7,299 feet, is the deepest so far drilled in Victoria.

A large set of microfaunal slides has been made from these collections, but unfortunately some were lost in the fire. The Commonwealth Palaeontological Collection also contains an excellent collection of Tertiary macro-fossils from Victoria, especially from Gippsland, and many beautifully preserved specimens were secured during the sinking of the Lake Entrance Oil Shaft. Some of these were described and figured by the writer (Crespin, 1950).

A unique opportunity to study the Tertiary sequence in Gippsland was available during the sinking of the Lakes Entrance Oil Shaft. The shaft had a diameter of 10 feet at the surface. It was concreted down to the depth of 1,156 feet, a smaller chamber was timbered down to 1,204 feet, and a winze operated down to 1,212 feet. About 12,000 tons of sediments were taken from the shaft and more than 300 samples were examined for fossils. The writer, frequently in company with L.C. Noakes, paid regular visits to the site to collect not only further samples but also specimens of larger fossils which included molluscan shells, corals, fish teeth, and fossil crabs. Furthermore, it was the only opportunity for anyone to observe the contact between the oil-bearing glauconite of the area and the overlying fine-grained fossiliferous micaceous sandstone; this contact was known

previously only from bore sections, for it is not exposed anywhere in the area.

The State Rivers and Water Supply Commission of Victoria submitted a large number of samples from its bores in the Wimmera area of north-west Victoria, and Oil Search Limited made extensive collections of sedimentary rocks in Gippsland. Dr. Frank Reeves and Mr. Harry Evans submitted collections from the coastal area of south-western Victoria on behalf of the Vacuum Oil Company.

Tasmania

The collections from Tasmania are small. Fossiliferous material from the Geological Survey has been examined from time to time. During the Bauxite Survey by Bureau geologists in Tasmania, samples from shallow bores were sent in for examination.

South Australia

The material submitted for examination from South Australia has been the result of investigations for oil and water. Prospecting for oil was restricted to the south-eastern part of the State. More than 1,200 samples are in the collection and the bulk of these are the result of the search for water. Thirty-seven bores, comprising more than 200 samples, in the Adelaide Basin, and 600 samples from bores in the Great Artesian Basin, were examined during 1947 and 1948 for the Mines Department, Adelaide. The foraminifera from the bores in the Great Artesian Basin have greatly increased the collection of Lower Cretaceous species. Oil Search Limited operated during 1931 and 1932 in the Mt. Gambier district and both bore and surface samples were submitted for examination. A systematic collection of fossiliferous material was made by the writer during 1947 and 1950 from the Tertiary rocks between Port Noarlunga and Aldinga. Samples from bores in the south-east and south-west parts of the State have been examined for the Mines Department.

Western Australia

The material submitted for palaeontological examination from Western

Australia has been almost entirely connected with the search for oil that has been going on since 1930. More than 1,200 samples had been examined up to the end of 1952, the majority of them coming from the Cape Range, Giralia, Wooramel, and Kimberley areas. Some of the early collections, especially those from the Wooramel and Kimberley areas, consisted almost entirely of macro-fossils of Permian age, which have helped the geological work that has been carried out more recently in those areas.

The first company to seek palaeontological assistance from the newly created Palaeontological Section was the Freney Kimberley Oil Company who, during 1927 and 1928, submitted cuttings from a bore at Poole Range, Kimberleys. Dr. Arthur Wade on behalf of this company made extensive collections during his geological investigations in the Kimberleys and, during 1940 and 1941, core samples were submitted for micropalaeontological examination from No.1 Bore, Nerrima Dome. In 1941, L. Waterford carried out a reconnaissance survey in the Gascoyne area and collected many specimens of Permian fossils and fossiliferous limestones.

In 1930, Dr. Jablonksi and Dr. Bremner on behalf of the Vacuum Oil Company collected fossiliferous rocks during their reconnaissance work from Northern Territory to North West Australia. From 1946 to 1948 this company engaged Dr. Frank Reeves to carry out investigations in the Kimberleys and Bonaparte Basin and small collections were made.

Oil Search Limited contributed largely to building up the palaeontological collection from Western Australia. It began a reconnaissance survey in 1930 in the Wooramel area, and small collections of Permian fossils were regularly submitted for examination. Later the operations of the Company extended to the Cape Range and Giralia area, and a considerable amount of material was collected by E.A. Rudd and D. Dale Condit in 1934, by H.G. Raggatt in 1935, and by E.A. Rudd in 1936. Reports on the material from these collections have been very useful in the recent work carried out in those areas by the geologists of the Bureau of Mineral Resources.

In 1935 K. Washington Gray on behalf of the Commonwealth Oil

Refineries also made and submitted a collection in the Carnarvon Basin.

In 1941, American geologists working for Caltex (Australia) Oil Development submitted samples from the Cape Range area.

In 1948, geologists from the Bureau of Mineral Resources under the guidance of M.A. Condon began a detailed geological survey of the Carnarvon Basin and large collections of material for micropalaeontological examination have been made. Other geological parties from the Bureau on similar investigations have made small collections in the Kimberleys and farther north.

During underground-water investigations in the Perth area in 1937 and 1945, samples were submitted from bores by the Government Geologist of Western Australia. Samples have also been examined from bores drilled for coal in the Collie area.

As a result of these excellent collections of fossiliferous material, about 1,500 slides of Permian, Mesozoic and Tertiary microfossils are labelled and registered and are available for reference.

Northern Territory

Little fossiliferous material was available from Northern Territory until, in 1947, L.C. Noakes made extensive collections of siltstones for micropalaeontological examination. Material from a few water bores has been examined.

In 1943, it was found necessary to make a survey of the diatomite deposits of Australia to assess their value as filter media. Samples from all known diatomite deposits in Australia were examined. The unique collection of slides prepared for this purpose suffered badly in the fire, but the rock samples themselves are safe.

PRIVATE COLLECTIONS IN THE COMMONWEALTH PALAEONTOLOGICAL COLLECTION

The Commonwealth Palaeontological Collection has been enriched by the addition of several private collections. It has also acquired

collections of historical interest from several Museums in Australia through the desire of F. Chapman to build up the Commonwealth Collection in its earliest stages.

The Mahony Collection of fossils is of considerable historical interest because of its close association with the early development of Canberra. The material was collected by D.J. Mahony of the Geological Survey of Victoria, who, in 1912, carried out geological work in the Federal Capital Territory with T. Griffith Taylor. This collection was housed in the National Museum, Melbourne, where Chapman examined it for Mahony. At the request of Chapman, immediately after his appointment as first Commonwealth Palaeontologist in 1927, the Director of the National Museum agreed to transfer it to the Commonwealth. Arrangements were completed during 1928. This collection comprises about a hundred specimens of corals, brachiopods, and trilobites, from many fossiliferous localities within the city area of Canberra which have now been built upon and from localities beyond the city.

The Carne Collection of Papuan fossils was handed over to the Commonwealth Palaeontological Collection on February 8th 1929. This collection was made by J.E. Carne in 1913 and sent to the Australian Museum, Sydney. At the time it was made, it consisted of about 200 fossiliferous rocks and individual fossils from Kerema, Cape Possession, Bootless Inlet, Dry Creek, and Vaiviri. It was later sent to the National Museum, Melbourne, for examination by Chapman on behalf of Dr. Arthur Wade, for inclusion in his report on Petroleum in Papua in 1914. Chapman later incorporated the results of his examination in his "Collection of Cainozoic Fossils from the Oilfields of Papua" (Territory of Papua Bulletin No.5, 1918). There was considerable correspondence between the Australian Museum and the Geological Branch as to the rightful home for this Collection, as Dr. Woolnough insisted that it had been made by Carne at the request of the Commonwealth. In a letter from Dr. Woolnough to Mr. Chapman dated 8/2/28, it was stated that the Collection should be dealt with as follows:-

"1. A thoroughly representative collection is to be selected by Chapman and returned to the Australian Museum.

2. All type specimens and figured forms and the balance of the Collection after selection of (1) above are to remain in the Commonwealth Collection.

3. The Collection is to be retained as an entity and not distributed through the systematic collection."

The Wade Collections. Two collections of fossiliferous rocks and fossils made by the late Dr. Arthur Wade are in the Commonwealth Palaeontological Collection; they formed the basis of two of his reports on oil possibilities in Australia and Papua.

a. The earlier collection was made from localities in the Gulf of Papua and formed the basis of his report on Petroleum in Papua which appeared as a Parliamentary Paper in 1914. The fossils listed in that report were later included in Chapman's Bulletin No.5, Territory of Papua, 1918. Slides of foraminifera and the sediments themselves are still available in the Collection.

b. The second collection of 337 samples was used in the preparation of the report by Wade on "Petroleum Prospects, Kimberley District of Western Australia and Northern Territory" in 1923. It consisted of specimens of brachiopods, pelecypods and trilobites. A list of the fossils determined by Chapman appeared in a short undated publication entitled "The Wade Collection of Fossils".

The Griffith Taylor Collection comprises thin sections of all genera and species of Archaeocyathinae described by Griffith Taylor in 1910 in the Memoir of the Royal Society of South Australia entitled "The Archaeocyathinae of the Cambrian of South Australia." It is regretted that this collection now contains only 50 slides; the bulk of the collection was destroyed in the fire. As many of the labels have been removed from the existing slides it will be necessary for them to be checked against the figures in the Memoir. This collection became the property of the Commonwealth in 1928.

The Vaughan Collection is a small collection of slides of small foraminifera presented to the Commonwealth Collection by the late Samuel Vaughan, a noted microscopist in Melbourne, in 1933. The arrangement of the delicate tests of the minute forms makes the slides invaluable for demonstration purposes.

The Cudmore Collection. When the writer was transferred to Canberra in February 1936, it was realised by Mr. F.A. Cudmore, Honorary Palaecntologist to the National Museum, that reference collections would be lacking at the new headquarters. He invited the writer to make a selection of larger fossils from the Tertiary of Victoria and Tasmania from his magnificent private collection. He added to this collection a large set of mega-fossils from Europe and England, which he had personally collected.

The Henry Coley Collection of Permian mega-fossils from the Wandagee area, Western Australia, was presented by Mr. Henry Coley of Wandagee Station, in September 1940. It consists of about 100 specimens of crinoids, brachiopods, bryozoa and mollusca.

The Chapman Collection. In 1949, Dr. W.D. Chapman presented to the Bureau his late father's collection of foraminifera and other microfossils and some of his collection of Victorian Tertiary mega-fossils. At the same time the Bureau acquired by purchase Chapman's library on Foraminifera and other microfossils.

The collection of slides of micro-fossils numbered 1,200 and included many historic individual specimens of foraminifera, collections of foraminifera from the Gault, Red Crag, Coralline Crag, and other well-known horizons in England, and of rare micro-fossils. It is with very great regret that it is necessary to record that nearly 900 of these slides were destroyed in the Bureau fire together with the cabinets in which they were housed. The collection of Victorian Tertiary fossils consists of about 1,000 named specimens and is housed in a specially built cabinet.

The Chapman Library - a magnificent collection of books and papers on the foraminifera and ostracoda - contained nearly 1,500 titles. It

included rare books - some of them first editions and bound in calf - and many rare papers. The foraminiferal works had just been catalogued and listed before the fire: out of 1,400 publications, 764 were destroyed completely and only 64 papers (in three bound volumes) were unharmed. The works on the Ostracoda had been catalogued but not listed. The catalogue was destroyed and consequently it is not possible to estimate the number of papers lost.

The Parr Collection. When Mr. W.J. Parr, the noted worker on foraminifera, died in Melbourne in August 1949, he bequeathed in his will, to the writer as Commonwealth Palaeontologist, his magnificent collection of assemblage slides of Foraminifera and thin sections of foraminiferal rocks. This collection consists of 3,000 slides all of which are excellently labelled. The slides were undamaged in the fire. The assemblage slides have been made from foraminiferal material from all parts of the world and are of immense value for reference purposes.

TYPE SPECIMENS IN THE COMMONWEALTH PALAEONTOLOGICAL COLLECTION

More than 1,000 type specimens are now registered in the Commonwealth Palaeontological Collection. They include holotypes, paratypes and hypotypes. Several type specimens of early described forms are included, such as Chapman's type foraminifera from Bootless Inlet, Papua (1914) and figured specimens in Wade's publications (1923). Fortunately only a very few specimens of type foraminifera were lost in the fire; all larger specimens were saved.

REPORTS PREPARED BY THE PALAEONTOLOGICAL SECTION BETWEEN THE YEARS 1927 AND 1946, AND BY THE MICROPALAEONTOLOGICAL SECTION BETWEEN 1946 AND 1952

In this section is a complete list of all micropalaeontological reports issued up to 1952 so that palaeontologists and geologists will have

a reference to this palaeontological work. For convenience each reference is divided as follows:-

(1) Date (in chronological order)

(2) Title of report, collector of material, and the departmental record or report number from the time the system was instituted.

(3) Number of samples examined, where available.

Each State of Australia is dealt with independently, but Papua and New Guinea conjointly.

Papua and New Guinea

One hundred and ten reports have been prepared between 1928 and 1952. Of these 43 were made before December 1935 and 68 after January 1936. The reports cover a considerable area in Papua and New Guinea and several large collections of fossiliferous samples. More than 6,400 samples were submitted for examination, but the number of specimens handled runs into many thousands.

Date	Report and Collector of Samples	No of Samples
4/1/28	Report on Samples from Bore at Head of Hohoro Creek, Hohoro District, Papua. New Guinea Oil Co.	18
7/2/28	Report on Samples from Ormildah Bore, Marienberg, New Guinea. Oriomo Oil Ltd.	36
8/5/28	Report on Rock and Fossil Specimens from Oriomo, Western Division, Papua. Oriomo Oil Ltd.	9
18/6/28	Report on Four Samples from Kerema, Papua. Papuan Petroleum Co.	4
16/7/28	Report on Samples from Woroi Ridge, Imbi Limestone and Bores Nos. 3 and 5 Maremosab Bore, Papua. Anglo-Persian Oil Company.	13
15/8/28	Further Samples from Maremosab Bore, Oriomo. Anglo-Persian Oil Co.	8

Date	Report and Collector of Samples	No. of Samples
25/8/28	Report on Samples from Hohoro, Vailala River, Papua. New Guinea Oil Co.	7
29/8/28	Report on Fifteen Samples from I.E. Hills, Kerema, Papua. Papuan Petroleum Co.	15
12/9/28	Probable Age and Fossil Content of Samples of Chert from the Port Moresby Series. A.P.O.C.	
24/6/28	Report on Five Samples from I.E. Hills, Kerema, Papua. Papuan Petroleum Co.	5
16/10/28	Fossil Samples from Cape Vogel Peninsula, Papua A.P.O.C. (S. Papp).	11
20/4/29	A Series of Fossils from the Blue Marl Group of the Aitape Area. A.P.O.C. (J. Nason-Jones)	78
10/5/29	A Series of Rock Specimens and Fossils from the Territory near Marienberg, New Guinea. A.P.O.C. (S. Papp)	10
28/5/29	Report on Fossiliferous Samples from Barum River, New Guinea. A.P.O.C.	36
17/5/29	A Series of Rock Specimens and Fossils from the Aitape Area, New Guinea. A.P.O.C. (Nason-Jones)	21
13/3/29	Report on Samples from A3G Bore, Oriomo, Western Division. Oriomo Oil Ltd.	59
8/7/29	Report on Four Rock Samples from Port Moresby, Papua. A.P.O.C.	4
8/7/29	Report on Three Samples of the Boioro Limestone, Port Glasgow, Papua. A.P.O.C.	3
25/7/29	Report on Further Samples from Barum River, New Guinea. A.P.O.C.	19

Date	Report and Collector of Samples	No. of Samples
19/6/29	Report on Samples from Ormildah Bore, Marienberg, New Guinea. Oriomo Oil Co.	30
6/8/29	Report on Fossiliferous Rocks from Matapau, New Guinea. Oriomo Oil Ltd.	5
20/8/29	Report on Six Samples from Port Moresby and Bootless Inlet, Papua. A.P.O.C.	6
24/9/29	Report on a Series of Rock Specimens and Fossils from the Aitape Area, New Guinea. A.P.O.C. (Nason-Jones)	134
28/9/29	A Further Collection of Rock Specimens and Fossils from the Aitape Area. A.P.O.C., (Nason-Jones)	18
22/10/29	Report on a Collection of Fossiliferous Rocks and Fossils from Matapau, New Guinea. Oil Search Ltd. (G.A.V. Stanley)	29
18/11/29	Report on Fossils and Rock Specimens from Aitape Area, New Guinea. A.P.O.C. (Nason-Jones)	75
2/3/30	Report on Fossiliferous Rocks from Port Moresby, Delena, Yule Island, Boira, Red Scar Head and Orio, Papua. A.P.O.C. (J.N. Montgomery)	1067
8/3/30	A Collection of Fossils and Rock Specimens from the Wanimo and Aitape Areas, New Guinea. A.P.O.C. (Nason-Jones)	33
26/3/30	Supplementary Report on Samples from the Wanimo and Aitape Areas, New Guinea. A.P.O.C. (Nason-Jones)	54
7/5/30	Supplementary Report on Samples from the Aitape Area, New Guinea. A.P.O.C. (Nason-Jones)	17
4/9/30	Report on Samples from No.3 Bore Matapau, New Guinea. Oil Search Ltd.	13

Date	Report and Collector of Samples	No. of Samples
23/10/30	Report on Fossiliferous Rocks and Fossils from Matapau area, New Guinea. Oil Search Ltd. (G.A.V. Stanley)	74
23/3/31	A Collection of Fossiliferous Rocks and Fossils from Matapau Area, New Guinea. Oil Search Ltd. (G.A.V. Stanley)	125
23/4/31	Report on Samples from Matapau Bore No.9, New Guinea. Oil Search Ltd.	39
28/7/31	Supplementary Collection of Specimens from Paniri Creek, Aitape Area, New Guinea. P. Hossfeld	
24/8/31	A Further Collection of Fossiliferous Rocks and Fossils from Matapau Area, New Guinea. Oil Search Ltd. (G.A.V. Stanley)	140
18/1/32	A Further Collection of Fossiliferous Rocks and Fossils from Matapau Area, New Guinea. Oil Search Ltd. (G.A.V. Stanley)	228
12/6/33	A collection of Fossiliferous Rocks and Fossils from the Sepik, Aitape and Matapau Area and New Britain. Oil Search Ltd. (G.A.V. Stanley)	185
22/2/34	Further Collection of Rocks and Fossils from the Sepik River District, Mandated Territory of New Guinea. Oil Search Ltd. (G.A.V. Stanley)	381
28/2/34	Additions to the List of Fossils already received from the Finsch Coast Series, Mandated Territory of New Guinea. Oil Search Ltd. (G.A.V. Stanley)	
27/6/34	Further Collection of Rocks and Fossils from the Sepik River District, New Guinea. Oil Search Ltd. (G.A.V. Stanley)	42

Date	Report and Collector of Samples	No. of Samples
27/2/35	A Further Collection of Rocks and Fossils from Sepik District, New Guinea. Oil Search Ltd. (G.A.V. Stanley)	73
8/7/36	Report on a Series of Rocks from the North Coast of the Gazelle Peninsula, New Britain. Govt. Geologist, New Guinea.	6
28/10/36	A Further Collection of Rocks and Fossils from the Sepik District, Mandated Territory of New Guinea, Oil Search Ltd. (G.A.V. Stanley)	39
26/11/36	Report or two fossil shells from Saruwaged Ranges, Morobe District, Territory of New Guinea. Govt. Geologist, New Guinea.	2
19/1/37	Report on a Collection of Fossils from New Guinea obtained by J.R. Black during the Mount Hagen-Sepik Patrol. Govt. Geologist, New Guinea.	10
27/1/37	A Series of Rocks and Fossils from the Mandated Territory of New Guinea. Oil Search Ltd.	47
5/4/37	A Fragment of Limestone from Puri River, Papua. Oil Search Ltd.	1
10/9/37	Report on Rock Specimens from near Rabaul, Mandated Territory of New Guinea. Govt. Geologist, New Guinea.	4
30/7/37	Report on a Collection of Rocks and Fossils from Mandated Territory of New Guinea (Chimbu & Mt. Hagen). Govt. Geologist, New Guinea.	5
10/1/38	Two Limestones from Gisi on the River Mai Kussa, 68 miles West of Daru, Western Papua. Island Exploration Co.	2

Date	Report and Collector of Samples	No. of Samples
25/1/38	Report on a Collection of Rock Specimens from the Strickland River, Papua. Island Exploration Co.	3
27/2/38	Report on samples from No.2 Bore Popo, Papua. Island Exploration Co.	54
2/3/38	A Collection of Limestones and Fossils from Western Division of Papua. I.E.Co.	10
14/4/38	A Series of Fossiliferous Rocks from Papua. Oil Search Ltd.	64
18/5/38	Report on a Series of Rock Specimens from Watom Island, New Guinea. Govt. Geologist, New Guinea.	6
31/5/38	Samples from Papuan Apinaipi No. 1 Bore, Papua, (Jokea-Oiapu Structure). Papuan Apinaipi Co.	92
23/6/38	Report on Samples from No.3 Bore, Bamu, Western Papua. Papuan Oil Development Co.	76
27/6/38	Report on Samples from No. 1 Bore, Bamu, Western Papua. Papuan Oil Development Co.	94
27/7/38	A Collection of Rock samples from Western Papua. Island Exploration Co.	31
10/8/38	Report on Samples from No.4 Bore, Bamu, Papua. Papuan Oil Development Co.	57
11/8/38	A Collection of Rocks and Fossils from the Sepik District, Mandated Territory of New Guinea. Oil Search Ltd. (G.A.V. Stanley)	57
15/8/38	Samples from No.2 Bore, Bamu, Papua. Papuan Oil Development Co.	70
22/8/38	Samples from the Apinaipi Dome, Gulf Coast Area, Papua. Papuan Apinaipi Co.	65

Date	Report and Collector of Samples	No. of Samples
24/8/38	Report on No.5 Bore, Kikori, Papua. Papuan Oil Development.	116
8/9/38	Report on No.2 Bore, Apinaipi Dome, Papua. Papuan Apinaipi Co.	28
14/10/38	Collection of Fossils from Maimai Dome, Mandated Territory of New Guinea. Oil Search Ltd. (G.A.V.S.)	268
2/11/38	Rock Samples from Galley Reach Area, W. of Aroa River, Papua. Papuan Oil Development Co.	7
10/11/38	A Collection of Fossiliferous Rock Samples from the Gulf of Papua area, Papua. Oil Search Ltd.	169
15/11/38	Report on a Series of Rock from the Bainings, Gazelle Peninsula, New Britain. Govt. Geologist, New Guinea.	11
18/11/38	Report on No.1 Scout Bore, Oiapu, Papua. Papuan Apinaipi Co.	163
24/11/38	Collection of Rocks from Permit 4 area Western Papua. Island Exploration Co.	11
14/12/38	A Collection of Rocks from Western Papua. Papuan Oil Development.	30
14/12/38	A Collection of Rocks from Western Papua. Papuan Oil Development.	35
14/12/38	Critical Notes on S.W. Carey's Report on the Palaeontology of the Gulf of Papua Area.	
27/1/39	A Collection of Rocks from Western Papua. Island Exploration Co.	91

Date	Report and Collector of Samples	No. of Samples
3/2/39	Report on Further Samples from No.1 Scout Bore, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	61
20/2/39	A Collection of rocks from Western Papua. Island Exploration Co. (Permits 2 & 4)	40
6/3/39	Report on Conrad No.6 Bore, Purari, Papua. Papuan Oil Development.	42
16/3/39	Collection of Fossiliferous Rocks and Fossils from Maimai Dome, Mandated Territory of New Guinea. Oil Search Ltd. (G.A.V. Stanley)	380
3/4/39	Samples from Conrad No.7 Bore, Purari, Papua. Papuan Oil Development.	55
13/4/39	Collection of Fossils and Fossiliferous Rocks from Maimai Dome, Mandated Territory of New Guinea. Oil Search Ltd. (G.A.V. Stanley)	421
1/6/39	Report on a Collection of Fossiliferous Rocks from New Britain. (Talasea and Gasmata). Govt. Geologist, New Guinea.	7
6/6/39	Report on a Collection of Fossiliferous Rocks from New Britain. (Talasea, Kokopo, Namatanai). Govt. Geologist, New Guinea.	7
6/6/39	Report on a Collection of Fossiliferous rocks from New Ireland, Territory of New Guinea. (Gasamata). Govt. Geologist, New Guinea.	4
14/9/39	A Collection of Fossiliferous Rocks from Western Papua. Island Exploration Co.	60
29/9/39	Report on No.3 Scout Bore, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	41
8/11/39	A Small Collection of Samples from Papua. (Permits 2 and 4). Island Exploration Co.	8

Date	Report and Collector of Samples	No. of Samples
1/2/40	Report on No.4 Scout Bore. Oiapu, Papua. Papuan Apinaipi Petroleum Co.	4
6/5/40	Revision of Material described in F. Chapman's "Report on a Collection of Cainozoic Fossils from the Oilfields of Papua" together with other undescribed samples in the Wade Collection 1915. Bull. Terr. Papua. No.5. 1918.	
6/6/40	Report on a Collection of Rocks from the Chimbu-Mount Hagen area, Mandated Territory of New Guinea. Govt. Geologist, New Guinea, and L.C. Noakes.	97
1/7/40	Report on a series of Cores and Cuttings from No.1 Test Bore, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	57
9/7/40	Report on Three Core samples from No.1 Test Bore, Oiapu, Papua. Papuan Apinaipi Petroleum.	3
28/8/40	Report on Further Samples from No.1 Test Bore, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	25
30/10/40	Report on Further Samples from No.1 Test Bore, Oiapu, Gulf Division, Papua. Papuan Apinaipi Petroleum Co.	9
10/2/41	Report on Further Samples from No. 1 Test Bore, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	9
11/2/41	Report on a Collection of Fossils from New Guinea obtained by J.R. Black during the Mount Hagen-Sepik Patrol. Govt. Geologist, New Guinea.	10
3/3/41	Report on a Small Collection of Rocks and Fossils from New Ireland, Territory of New Guinea. Govt. Geologist, New Guinea.	13

Date	Report and Collector of Samples	No. of Samples
31/3/41	Report on Samples from Northern Exploratory Well, No. 3, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	15
10/4/41	Report on Further Samples from No. 1 Test Bore, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	14
30/4/41	Report on a Sample of Limestone from Wedge Hill, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	1
5/5/41	Report on Further Core Samples from Northern Exploratory Well No.3, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	9
5/5/41	Report on Ten Pit Samples from the vicinity of Northern Exploratory Well, No. 3, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	10
7/5/41	Report on Four Rock Samples from near the Putput Plantation, Gazelle Peninsula, New Britain. Govt. Geologist, New Guinea.	4
7/5/41	Report on a Collection of Fossiliferous Limestones from the Upper Ramu area, New Guinea. Govt. Geologist, New Guinea.	8
10/6/41	Report on Further Samples from No.5 Exploratory Well, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	12
10/7/41	Report on Further Samples from No.3 Exploratory Well, Oiapu, Papua. Papuan Apinaipi Petroleum Co.	15
15/9/43	Fossiliferous Rocks from Ok-Ti River, Western Papua. A.O.C. 1943/48.	5
29/6/49	Note on supposed oil-bearing sand. Administrator of Papua. 1949/84	1

Date	Report and Collector of Samples	No. of Samples
22/8/49	Micropalaeontological Examination of Rock Samples from the Lesi and Oiapu Structures, Papua. Bur. Min. Resources (M.A. Condon). 1949/88.	54
17/1/51	Micropalaeontological Examination of Limestone Samples from Rigo District, Papua. A.K.M. Edwards. 1951/2.	2
20/2/51	Micropalaeontological Examination of a limestone from Numa-Numa-Balbi Track, Bougainville, Solomon Islands Group. A.K.M. Edwards 1951/18.	1

Queensland.

Fifty-one reports have been prepared on material submitted for micro-palaeontological examination from Queensland. Of these 15 were undertaken before December 1935 and 36 from January 1936. The total number of samples was at least 2,126. Of these 1,268 were from the Arcadia Bore, which was drilled to the depth of 6001 feet, and 519 from the Hutton Creek Bore, which reached the depth of 4688 feet.

A list of reports is given below.

Date	Report and Collector of Samples	No. of Samples
23/11/27	Report on Samples from Bore at Orallo, Queensland. Lander Oil Company.	208
9/3/28	Specimens from Gunewin, Queensland, 50 miles north of Roma. Kayenta Oil and Coal Syndicate, Armidale. N.S.W.	3
8/5/30	Report on a Small Collection of Fossils from Mucadilla, 30 miles W. of Roma, Queensland. Henry Pollard, Sydney.	5
6/10/30	Report on Rock Samples from Cleeve, Longreach Area, Queensland. Oil Search Ltd.	45

Date	Report and Collector of Samples	No. of Samples
9/12/30	Report on Samples from No.1 Bore, E. flank, Gavin's Anticline near Longreach, Queensland. Oil Search Ltd.	40
9/12/30	Report on Samples 300 chains N.27°W from Cleeve Bore near Longreach, Queensland. Oil Search Ltd.	1
28/1/31	Report on No.2 Bore, Gavin's Anticline, Cleeve, near Longreach, Queensland. Oil Search Ltd.	3
14/5/31	Report on Samples from No.2 Scout Bore, Cleeve near Longreach, Queensland. Oil Search Ltd.	41
14/5/31	Report on Samples from No.3 Scout Bore, Cleeve near Longreach, Queensland. Oil Search Ltd.	4
14/5/31	Report on Samples from No.4 Scout Bore, Cleeve near Longreach, Queensland. Oil Search Ltd.	8
24/6/31	Report on Samples from No.5 Scout Bore, Cleeve near Longreach, Queensland. Oil Search Ltd.	23
17/7/31	Report on No. 6 Scout Bore, Oakley, near Longreach, Queensland. Oil Search Ltd.	13
17/7/31	Report on No. 7 Scout Bore, Oakley, near Longreach, Queensland. Oil Search Ltd.	15
17/7/31	Report on Samples from Outcrops in the Oakley Area, Longreach, Queensland. Oil Search Ltd.	85
3/3/36	A Preliminary Note on a Series of Samples from Hutton Creek Bore, Queensland. Drillers' Ltd. (Oil Search Ltd.)	53
29/3/36	Note on a Sample from Hutton Creek Bore, Queensland. Drillers' Ltd.	1

Date	Report and Collector of Samples	No. of Samples
28/4/36	Note on Further Samples from No.1 Bore, Hutton Creek, Queensland. Drillers Ltd.	30
13/7/36	Report on Samples from Hutton Creek Bore, Injune, Queensland. Drillers Ltd.	211
2/9/36	Report on Samples from the Roma-Springsure Area, Queensland. Oil Search Ltd.	6
2/12/36	Report on a Collection of Rocks from the Springsure-Roma Area, Queensland. Commonwealth Oil Refineries (K. Washington Gray)	57
11/12/36	Report on No.1 Bore, Arcadia, Queensland. Oil Search Ltd. (Drillers Ltd.)	441
28/4/37	Report on a Further Collection of Rock Specimens from Queensland. C.O.R., (K. Washington Gray)	62
4/8/37	Report on a Sample from the Springsure District Queensland. C.O.R. (K. Washington Gray)	1
4/8/37	Report on Samples from Springsure-Rollestone District, Queensland. C.O.R. (K. Washington Gray)	8
29/7/37	Report on Samples from Arcadia Basin. Oil Search Ltd. (Drillers Ltd.)	12
21/1/37	Report on Further Samples from Arcadia Bore, Queensland. Oil Search Ltd. (Drillers Ltd.)	18
18/10/37	Report on Further Samples from Arcadia No.1 Bore, Queensland. Oil Search Ltd. (Drillers Ltd.)	37
28/5/37	Report on Collection of Fossils from near Stanthorpe, Queensland. V. Byrnes, Stanthorpe.	4
10/11/37	Report on Further Samples from Arcadia No.1 Bore, Queensland. Oil Search Ltd. (Drillers Ltd.)	139

Date	Report and Collector of Samples	No. of Samples
26/11/37	Report on Further Samples from Arcadia No.1 Bore, Queensland. Oil Search Ltd. (Drillers Ltd.)	51
8/2/38	Report on Further Samples from Arcadia No.1 Bore, Queensland. Oil Search Ltd. (Drillers Ltd.)	54
29/3/38	Report on a Core Sample from No.1 Bore, Hutton Creek, Queensland. Oil Search Ltd. (Drillers Ltd.)	1
28/4/38	Report on Further Samples from No.1 Bore, Hutton Creek, Queensland. Oil Search Ltd. (Drillers Ltd.)	125
23/5/38	Report on Further Samples from No.1 Bore, Hutton Creek, Queensland. Oil Search Ltd. (Drillers Ltd.)	36
28/6/38	Report on Further Samples from No.1 Bore, Hutton Creek, Queensland. Oil Search Ltd. (Drillers Ltd.)	32
23/7/38	Report on Further Samples from No.1 Bore, Hutton Creek, Queensland. Oil Search Ltd. (Drillers Ltd.)	30
8/6/39	Report on a Collection of Rock Samples from Mt. Carnarvon-Mt. Serocold Section, Queensland. Oil Search Ltd.	38
10/7/39	Report on Further Samples from Arcadia No.1 Bore, Queensland. Oil Search Ltd. (Drillers Ltd.)	54
16/11/39	Report on Further Samples from Arcadia No.1 Bore, Queensland. Oil Search Ltd. (Drillers Ltd.)	432
29/10/43	Report on Diatomite from Nettle Creek, Queensland. Broken Hill Pty. 1943/62.	1
23/3/44	The Hutton Creek Bore, Queensland. 1944/12.	
23/3/44	The Arcadia Bore, Queensland. 1944/13.	

Date	Report and Collector of Samples	No. of Samples
22/3/44	Notes on the Foraminifera in Samples from Roma Oil Bore, No.2, Queensland. Dr. Creek, Shell Oil (Q.) 1944/10.	6
6/12/44	Report on a Sample of Bentonite, Yarraman, Queensland. Geol. Surv. Queensland.	1
16/2/45	The Hutton Creek Bore, Queensland. 1945/14.	
16/2/45	The Arcadia Bore, Queensland. 1945/15.	
29/7/48	Micropalaeontological Examination of Samples from a Bore on Stewart's Permit, Roma, Queensland. Geol. Surv. Queensland. 1948/45.	34
6/10/48	Micropalaeontological Examination of Rock Samples of Lower Cretaceous Age from Central Queensland. Dr. Whitehouse. 1948/63.	2
13/10/48	Micropalaeontological Examination of Rock Samples from Mt. Canaway, 50 miles N.W. of Quilpie. Geol. Surv. Queensland. 1948/64.	8
13/10/48	Preliminary Report on the Micropalaeontological Examination of Rock Samples collected in the Vicinity of Roma, Western Queensland during July 1948. Roma Blocks and I. Crespin 1948/85.	100
/48	Note on Sample of Limestone from a locality 4 miles north-west of Mt. Garnet.	1
11/11/48	Report on Samples from a cutting approximately 40 miles N. of Injune along the Rolleston Highway, Queensland. 1948/74.	
9/5/50	Report on a Sample of Diatomite from Queensland. J.S. Craig. Brisbane. 1950/11.	1
5/8/52	Micropalaeontological Examination of Sample of Diatomite from Beach Range, Queensland. Min. Indust. 1952/62.	1

New South Wales

Eighty-two reports have been prepared on material submitted for micropalaeontological examination from New South Wales up to December 1952. Of these three were completed before December 1935 and the remainder between January 1936 and December 1952. Approximately 2,640 samples have been examined, the bulk of these being submitted since 1940 by the Water Conservation and Irrigation Commission of New South Wales in its search for water in the northern part of the State. More than 800 samples came from the deep bore at Kulnura, which was drilled to the depth of 6,293 feet.

A list of reports is given below.

Date	Report and Collector of Samples	No. of Samples
15/11/27	Report on Cores from No.1 Structure Bore, Belford Dome, N.S.W. H.C. Millard.	11
24/5/28	Report on Cores from No. 2 Structure Bore, Belford Dome, New South Wales. H.C. Millard.	92
25/10/35	Report on a Collection of Rocks and fossils from the Hunter River Valley, New South Wales. Commonwealth Oil Refineries. (K. Washington Gray).	50
24/2/36	Report on Samples from Mulgoa Dome Bore, Penrith, New South Wales. (Oil Search Ltd.) (Gas Drillers).	16
16/4/36	Report on Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	69
20/5/36	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (O.S. Ltd.)	49
23/6/36	Report on Further Samples from No. 1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (O.S. Ltd.)	15

Date	Report and Collector of Samples	No. of Samples
27/7/36	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (O.S. Ltd.)	49
11/8/36	Report on Further Samples from No. Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (O.S. Ltd.)	13
2/12/36	Report on Samples from the Balmain Bore, Sydney, New South Wales. Oil Search Ltd.	10
11/2/37	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (O.S. Ltd.)	13
9/3/37	Report on a Series of Rock Samples from near Mt. Boyce along Highway west of Mt. Victoria, New South Wales. Oil Search Ltd. (D.D. Condit).	46
15/3/37	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	39
7/4/37	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (O.S. Ltd.)	87
30/4/37	Report on Further Samples from No. 1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (O.S. Ltd.)	10
26/5/37	Determination of Fossils from the Upper Silurian of Cootamundra, New South Wales. W. Williams.	14
30/7/37	Report on Further Samples from the Mulgoa Bore, New South Wales. Gas Drillers (Oil Search Ltd.)	19
12/8/37	Report on Further Samples from the Mulgoa Bore, New South Wales. Gas Drillers (O.S. Ltd.)	25
17/9/37	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	93
7/10/37	Report or Further Samples from the Mulgoa Bore, New South Wales. Gas Drillers (Oil Search Ltd.)	38

Date	Report and Collector of Samples	No. of Samples
22/10/37	Report on Further Samples from Mulgoa No.1 Bore, New South Wales. Gas Drillers (Oil Search Ltd.)	6
11/10/37	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	62
1/11/37	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	93
29/11/37	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	15
26/1/38	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	59
4/3/38	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	59
30/3/38	Report on Further Samples from No.1 Bore, Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	25
20/4/38	Report on No.1 Bore Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	
6/7/38	Report on a Collection of Rocks from the Kamilaroi System, Hunter River District, New South Wales. Oil Search Ltd.	386
8/8/38	Report on Samples from the late Palaeozoic, Hunter River Valley, New South Wales. Oil Search Ltd.	45
14/12/38	Report on Further Samples from No.1 Bore Kulnura, New South Wales. Kamilaroi Oil Co. (Oil Search Ltd.)	69
8/7/40	Micropalaeontological Examination of Samples from No.1 Bore, Kiga, near Moree, Northern New South Wales. Water Conservation and Irrigation Commission of N.S.W.	12

Date	Report and Collector of Samples	No. of Samples
30/9/40	Micropalaecntological Examination of Further Samples from No.1 Bore, Kiga, near Moree, northern New South Wales. W.C. & I.C.	7
25/2/40	Micropalaeontological Examination of Further Samples from No.1 Bore, Kiga, near Moree, northern New South Wales. W.C. & I.C.	6
12/5/41	Micropalaeontological Examination of Further Samples from No.1 Bore, Kiga near Moree, northern New South Wales. W.C.& I.C.	6
12/5/41	Micropalaeontological Examination of Samples from Bore No.3652, Mt. Wood Station, Tibooburra, northern New South Wales. W.C. & I.C.	3
12/5/41	Micropalaeontological Examination of Samples from Woorooma Bore, northern New South Wales. W.C. & I.C.	8
14/11/41	Report on W.R. Johnston's Bore, 4 miles south-east of Lila Springs No.1 Bore and 6 miles north-west of Warraweena No.4 Bore near Bourke, north-west New South Wales. W.C. & I.C.	30
21/1/42	Report on Further Samples from W.R. Johnston's Bore, near Bourke, north-west New South Wales. W.C. & I.C.	25
19/2/42	Preliminary Report on Further Samples from W.R. Johnston's Bore near Bourke, New South Wales. W.C. & I.C.	24
12/3/42	Report on Further Samples from W.R. Johnston's Bore near Bourke, New South Wales. W.C. & I.C. (detailed report of 19/2/42).	
30/5/42	Report on No.2 Bore Boronga, N. of Moree, northern New South Wales. W.C. & I.C.	10

Date	Report and Collector of Samples	No. of Samples
20/6/42	Report on D.L. Murray's Bore, W.L.L. 199, Goolgumble Station, near Bourke, County of Gunberbooka, northern New South Wales. W.C. & I.C. 1942/14B.	19
20/2/43	Micro-examination of Samples from Bore No. 3797 on the Property of A. Holmes near Ellavale, Northern New South Wales. W.C. & I.C. 1943/14.	15
20/2/43	Micro-examination of Samples from a Bore (Licence No. 1471) sunk by the Berawinnia Pastoral Co., Toorale Station, Bourke, New South Wales. W.C. & I.C. 1943/15.	13
20/2/43	Micro-examination of Samples from Mrs. E.F. Bennett's Bore No. 3805, Muttama, Quambone, N.S.W. W.C. & I.C. 1943/16.	59
22/9/43	Permian Foraminifera from a Bore at Coorabin, New South Wales. B.M.R. 1943/56.	
7/12/43	Micro-Examination of Samples from Bore No. 3825 on E.W. Langbien's Property "Bullaroon" Station, Bourke, New South Wales. W.C. & I.C. 1943/67.	9
23/5/44	Micro-Examination of Samples from Bore No. 3843 on Mr. A. Holmes' Property "Kerribree", Bourke, N.S.W. W.C. & I.C. 1944/23.	13
2/11/44	Micro-Examination of Further Samples from Bore No. 3825 on E.W. Langbien's Property, "Bullaroon" Station, Bourke, New South Wales. W.C. & I.C. 1944/42.	23
11/10/44	Micro-Examination of Samples from Curragundi Bore, on Portion 15, Ph. Gingham, County Benarba, northern New South Wales. W.C. & I.C. 1944/37.	45

Date	Report and Collector of Samples	No. of Samples
2/3/45	Micro-Examination of Further Samples from Curragundi Bore, 35 miles S.W. of Mungundi, northern New South Wales. W.C. & I.C. 1945/	33
2/3/45	Micro-Examination of Samples from Bore No.3831 on W.L. Fennell's Property, 70 miles northeast of Bourke, northern New South Wales. W.C. & I.C. 1945/20.	5
2/3/45	Micro-Examination of Samples from Bore No. 3761 (Hordern's) Weilmoringle, No. 9 Bore, about 80 miles northeast of Bourke, N.S.W. W.C. & I.C. 1945/21.	5
2/3/45	Micropalaeontological Examination of Samples from Bore No. 3853 on E.W. Langbien's "Bullaroon" Station, Bourke, New South Wales. W.C. & I.C. 1945/22.	
23/4/45	Micro-Examination of Further Samples from Boronga No. 2 Bore, northern New South Wales. W.C. & I.C. 1945/27.	122
25/7/45	Micropalaeontological Examination of Samples from Bores Nos. 3855 and 3859 on the property of W.L. Fennell, 70 miles northeast of Bourke, northern New South Wales. W.C. & I.C. 1945/38.	89
25/7/45	Micropalaeontological Examination of Samples from Bore No. 3719 on the property of J.W. Fisher and Son, Wallagambone, northern New South Wales. I.C. & I.C. 1945/35.	20
25/7/45	Micropalaeontological Examination of Samples from Bore No. 3858 on the Property of I.A.F. Dent, Wangrawally, Walgett, northern New South Wales. W.C. & I.C. 1945/37.	12

Date	Report and Collector of Samples and Record Number	No. of samples
25/7/45	Micropalaeontological Examination of Samples from Bore No. 3864 of the Property of P. A. MGirr, Lauradale, Bourke, Northern New South Wales. W.C. & I.C. 1945/36	20
19/3/46	Micropalaeontological Report on Further Samples from a Bore on the property of P. J. McGirr, Lauradale, Bourke, Northern New South Wales. W.C. & I.C. 1946/14	7
19/3/46	Micropalaeontological Report on Samples from No. 2 Bore, Neargo, Northern New South Wales. W.C. & I.C. 1946/15.	51
12/6/46	Micropalaeontological Report on Further Samples from No. 2 Bore, Neargo, Northern New South Wales. W.C. & I.C. 1946/22.	25
19/3/46	Micropalaeontological Report on Further Samples from Bore No. 3843 on A. Holmes' Property, "Kerribree", Bourke, N.S.W. W.C. & I. C. 1946/13.	8
26/2/47	Micropalaeontological Examination of Samples from Bore No. 3299 on W. Gilby's Property, Wonga, White Cliffs, N.S.W. W.C. & I.C. 1947/6	8
26/2/47	Micropalaeontological Examination of Further Samples from Bore No. 3864 on P. J. McGirr's Property Lauradale, Bourke, N.S.W. W.C. & I.C. 1947/5.	10
26/2/47	Micropalaeontological Examination of Samples from Bore No. 3908 on J.P. O'Shannessy's Property, Cooncoolie, Bourke, N.S.W. W.C. & I.C. 1947/7.	24
26/2/47	Micropalaeontological Examination of Samples from Bore No. 3899 on A. V. Jackson's Property, Wampa, Bourke, N.S.W. W. C. & I.C. 1947/4.	10

Date	Report and Collector of Samples	No. of Samples
31/3/47	Micropalaeontological Examination of Samples from Bore No. 3897, on the property of C.M. and W.E. Taylor, Urella Downs, White Cliffs, N.S.W. W.C. & I.C. 1947/12.	6
1/4/47	Micropalaeontological Examination of Samples from Bore No. 3883, on the property of J.H. Hatch, Ellaville near Bourke, northern New South Wales. W. C. & I.C. 1947/14.	23
1/4/47	Micropalaeontological Examination of Samples from Bore No.3858 on the property of A.I.F. Dent, "Wangrawally", Walgett, New South Wales. W.C. & I.C. 1947/15.	22
2/12/47	Notes on a Collection of Opalized Specimens from White Cliffs, N.S.W. 1947/75.	4
11/2/48	Micropalaeontological Examination of Samples from Bore No. 3954 on the property of Mrs. D. McLeish "Thurn", Quambone Road, Coonamble, northern New South Wales. W.C. & I.C. 1945/5.	60
26/4/49	Micropalaeontological Examination of Samples from a bore on the property of J.H. Fisher, Lochinvar, Carinda, Port 11., Ph. Willewa, County Clyde, New South Wales, W.C. & I.C. 1949/72.	25
2/8/51	Micropalaeontological Examination of Samples from Bore No. 3871 on the property of Scottish Australian Co. "Warranna" Coonamble, northern New South Wales. W.C. & I.C. 1937/34.	10
2/8/51	Micropalaeontological Examination of Samples from a bore at Yerranbah, about 120 miles N.W. of Moree, northern New South Wales. W.C. & I.C. 1951/34.	10
2/8/51	Micropalaeontological Examination of samples from a bore at Dungalear, about 180 miles west of Moree, New South Wales. 1951/34.	10

Date	Report and Collector of Samples	No. of Samples
26/10/51	Micropalaeontological Examination of Samples from Bore No.8253, R.J. Dunk, "Warroo", Bourke, northern New South Wales. W.C. & I.C. 1951/55.	22
5/8/52	Micropalaeontological Examination of Rock Samples from the vicinity of Jervis Bay, New South Wales. W.J. Perry, B.M.R. 1952/64.	21
14/8/52	Micropalaeontological Examination of Samples from Bores in the Great Artesian Basin of New South Wales, submitted by the Water Conservation and Irrigation Commission of New South Wales. 1952/40.	28
30/4/52	Micropalaeontological Examination of Cores from the Ravensworth Bore, New South Wales. M.A. Reynolds, B.M.R. 1952/30.	18
10/7/52	Report on Micropalaeontological Examination of Bore Samples from Northern New South Wales. W.C. & I.C. 1952/57.	37
14/8/52	Micropalaeontological Examination of Samples from Bores in Northern New South Wales. W.C. & I.C. 1952/66	20

Victoria

Two hundred and fifteen reports have been prepared on fossiliferous material from Victoria. Of these 136 were written between January 1928 and December 1935. The remainder were presented from January 1936 up to December 1952. The number of samples examined and reported upon is more than 8,300 but the actual number of specimens examined greatly exceeds this. The bulk of this material came from bores drilled for oil in East Gippsland and was submitted by the Victorian Mines Department. A list of reports, with date, collector, and number of samples, and, where applicable, the Record number of the report, is given below.

Date	Report and Collector of Samples	No. of Samples
6/2/28	Report on Samples from Two Bores (Allotments 38 and 41) at Berook (Murrayville), Victoria. Victorian Mines Department.	7
21/2/28	Report on a Sample of Polyzoal Marl above the Conglomerate on West bank of the Glenelg River Railway Bridge at Dartmoor, Victoria. V.M.D.	1
23/2/28	Report on a Sample from No. 2 Bore, Lakes Entrance Gippsland, Victoria. V.M.D.	1
27/2/28	Report on Samples from A.E. Knight's Bore, Dartmoor, Victoria (West of Glenelg River). V.M.D.	12
2/3/28	Report on Samples from Ravine Creek, Dartmoor, Victoria. V.M.D.	52
20/4/28	Report on Samples from No.1 Bore, Lakes Entrance Development Company, Lakes Entrance, Victoria. V.M.D.	102
17/8/28	Report on Three Samples from Tertiary Deposits in a Bore in the Mallee at Antwerp, Victoria. V.M.D.	3
23/8/28	Report on Samples from Dartmoor No.2 Bore, (Anticline Creek), Victoria. V.M.D.	21
31/10/28	Report on Samples from No.1 Bore, Dartmoor, Victoria. V.M.D.	22
14/11/28	Report on Samples from No.3 Bore, Dartmoor, Victoria. V.M.D.	18
1/12/28	Report on Samples from No.5 Bore, Dartmoor, Victoria. V.M.D.	4
4/12/28	Report on a Series of Fossils from Curran's Creek, Parish of Palpara, Glenelg, River, Victoria. V.M.D.	37

Date	Report and Collector of Samples	No. of Samples
18/12/28	Report on Samples from No.6 Bore, Woodside, Victoria. V.M.D.	29
6/1/29	Report on Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	3
23/1/29	Report on Samples from No.5 Bore, Woodside, Victoria, V.M.D.	29
5/2/29	Report on Samples from No.6 Bore, Dartmoor, Victoria. V.M.D.	25
13/2/29	Report on Samples from a Bore at Cowangie, Parish of Tyalla (Mallee), Victoria. V.M.D.	7
13/2/29	Report on a Sample from Allotment 28, Parish of Manya, Victoria. V.M.D.	1
1/3/29	Report on Samples from a Bore at Berock, Allotment 5, (Mallee), Victoria. V.M.D.	6
1/3/29	Report on Samples from a Bore on Allotment No.35 Berook, (Mallee), Victoria. V.M.D.	4
1/3/29	Report on Samples from a Bore in the Parish of Bunurouk, Allotment 15 (Mallee), Victoria. V.M.D.	5
1/3/29	Report on Samples from a Bore on Allotment 28, Parish of Pallarang (Mallee), Victoria. V.M.D.	6
1/3/29	Report on a Sample from Parish of Woroora, Allotment 47, (Mallee), Victoria. V.M.D.	1
9/3/29	Report on No.1 Government Bore, (No.3 Lakes Entrance) Parish of Colquhoun, Lakes Entrance, Victoria. V.M.D.	152
26/4/29	Report on Samples from Bore No.7, Dartmoor, Victoria. V.M.D.	5

Date	Report and Collector of Samples	No. of Samples
26/4/29	Report on Samples from Bore No.8, Dartmoor, Victoria. V.M.D.	14
26/4/29	Report on Two Samples from No.1 Bore, Lake Boga, Victoria. V.M.D.	2
3/5/29	Report on Samples from No.4 Bore, Dartmoor, Victoria. V.M.D.	10
6/6/29	Report on Samples from No.9 Bore, Dartmoor, Victoria. V.M.D.	11
6/6/29	Report on Samples from No.10 Bore, Dartmoor, Victoria. V.M.D.	17
14/6/29	Report on Samples from No.11 Bore, Dartmoor, Victoria. V.M.D.	10
14/6/29	Report on Samples from No.12 Bore, Dartmoor, Victoria. V.M.D.	9
20/6/29	Report on Samples from Allotment 2 and 2A, Parish of Pallarang, Mallee, Victoria. V.M.D.	7
25/6/29	Report on Samples from No.3 Bore, Lake Boga Prospecting Co., Victoria. V.M.D.	2
20/6/29	Report on Samples from Allotment 27, Parish of Manya,Mallee, Victoria.	2
25/6/29	Report on a Sample from a Bore on Allotment 17, Parish of Manya, Mallee, Victoria.	1
3/7/29	Report on No.1 Government Bore North Colquhoun (No. 4 Lakes Entrance), Lakes Entrance, Victoria. V.M.D.	66
27/8/29	Report on Samples from Quarries in the Sale District, Victoria. V.M.D.	9

Date	Report and Collector of Samples	No. of Samples
14/10/29	Report on a Sample from Princes Highway near Nicholson River Bridge, Gippsland, Victoria. V.M.D.	1
15/10/29	Report on Samples from a Bore on Allotment 21, Parish of Manya, Mallee, Victoria.	4
6/12/29	Report on Samples from a Bore at Pelican Point, Lake Victoria, Victoria. V.M.D.	3
10/1/30	Report on Bore No. 3 Parish of Darriman, Victoria.	115
12/4/30	Report on No.1 Bore (Pt. Addis No.1) Parish of Bumberrah (Metung), Victoria. V.M.D.	197
25/7/30	Report on No.2 Bore, Parish of Glencoe, Gippsland, Victoria. V.M.D.	142
25/7/30	Report on No.3 Bore, Parish of Glencoe, Gippsland, Victoria. V.M.D.	29
25/7/30	Report on No.4 Bore, Parish of Glencoe, Gippsland, Victoria. V.M.D.	39
25/7/30	Report on No.5 Bore, Parish of Glencoe, Gippsland, Victoria. V.M.D.	67
19/9/30	Report on Samples from No.13 Bore, Dartmoor, Victoria. V.M.D.	15
19/9/30	Report on Samples from No.14 Bore, Dartmoor, Victoria. V.M.D.	25
19/9/30	Report on Samples from No.15 Bore, Dartmoor, Victoria. V.M.D.	19
19/9/30	Report on Samples from No.16 Bore, Dartmoor, Victoria. V.M.D.	16

Date	Report and Collector of Samples	No. of Samples
19/9/30	Report on Samples from No.17 Bore, Dartmoor, Victoria. V.M.D.	7
19/9/30	Report on Samples from No.18 Bore, Dartmoor, Victoria. V.M.D.	8
19/9/30	Report on Samples from No.19 Bore, Dartmoor, Victoria. V.M.D.	13
19/9/30	Report on Samples from No.20 Bore, Dartmoor, Victoria. V.M.D.	22
19/9/30	Report on Samples from No.21 Bore, Dartmoor, Victoria. V.M.D.	19
19/9/30	Report on Samples from No.22 Bore, Dartmoor, Victoria. V.M.D.	17
19/9/30	Report on Samples from No.23 Bore, Dartmoor, Victoria. V.M.D.	13
19/9/30	Report on Samples from No.24 Bore, Dartmoor, Victoria. V.M.D.	13
17/10/30	Report on a Collection of Rocks from the Glenelg River Traverse and Adjoining Localities, Dartmoor, Victoria. V.M.D.	31
10/2/31	Report on Comaum Bore, Western Victoria. V.M.D.	22
4/3/31	Report on No.14 Bore, Parish of Stradbroke, Gippsland, Victoria. V.M.D.	135
31/3/31	Report on No.15 Bore, Parish of Stradbroke, Gippsland, Victoria. V.M.D.	48
11/8/31	Report on No.16 Bore, Parish of Stradbroke, Gippsland, Victoria. V.M.D.	117

Date	Report and Collector of Samples	No. of Samples
4/11/31	Report on a Sample from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	1
9/11/31	Report on a Sample from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	1
19/11/31	Report on a Sample from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	1
26/11/31	Report on Three Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	3
4/12/31	Report on No.7 Bore, Parish of Glencoe, Gippsland, Victoria. V.M.D.	106
2/12/31	Report on Three Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	3
10/12/31	Report on Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	3
18/12/31	Report on Four Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	4
23/12/31	Report on Three Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	3
11/1/32	Report on Four Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	4
25/1/32	Report on Two Series of Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	8
17/2/32	Report on Five Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	5
4/4/32	Report on Six Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	6

Date	Report and Collector of Samples	No. of Samples
8/4/32	Report on Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	3
13/4/32	Report on Samples from Signal Hill Bore, Parish of Dulungalong, Gippsland, Victoria. V.M.D.	4
29/4/32	Report on Hamilton Bore, Victoria. V.M.D.	53
2/5/32	Report on Two Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	2
3/5/32	Report on a Series of Fossils from Tanjil-Pt. Addis Co. No.1 Water Bore, Parish of Glencoe South, Gippsland, Victoria. V.M.D.	1
18/5/32	Report on Six Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	6
18/5/32	Report on No.1 Bore, Parish of Tyabb, Victoria. V.M.D.	6
26/5/32	Report on Samples from Valve Oil Wells, Pelican Point, Victoria. V.M.D.	10
11/7/32	Report on Two Samples from Signal Hill Bore, Parish of Dulungalong, East Gippsland. I. Crespin.	2
5/8/32	Report on Sample from Mid-West No.2 Bore, Gippsland, Victoria. V.M.D.	1
8/7/32	Report on a Sample from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	1
5/10/32	Report on No.2 Bore, Parish of Bengworden, Gippsland, Victoria. V.M.D.	77
6/10/32	Report on a Collection of Fossiliferous Rocks from Western Victoria and Eastern South Australia. Vacuum Oil Co. (N. Osborne).	43

Date	Report and Collector of Samples	No. of Samples
10/10/32	Report on Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	4
11/10/32	Report on Samples from No.3 Scout Bore (Bravo Drill) Parish of Coongulmerang, Gippsland, Victoria. Oil Search Ltd.	42
28/10/32	Summary of Examination of Scout Bore No.1 Parish of Bengworden, Gippsland. Oil Search Ltd.	20
4/11/32	Report on Signal Hill Bore, Parish of Dulungalong, Gippsland, Victoria. V.M.D.	19
7/11/32	Report on Samples from Vale Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	2
8/12/32	Report on Two Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	2
14/12/32	Organic Contents of Limestone from Maude, Victoria. A. Coulson.	12
18/12/32	Report on Samples from Moorabool Viaduct and Maude Area. A. Coulson.	4
20/12/32	Report on No. 4 Scout Bore (Bravo Drill) Parish of Coongulmerang, Gippsland, Victoria. Oil Search Ltd.	16
22/12/32	Report on Samples from Goon Nure, Bore, East Gippsland, Victoria. V.M.D.	52
8/2/33	Report on No.1 Bore, Parish of Moormurang, Gippsland, Victoria. V.M.D.	98
16/2/33	Report on No.1 Bore, Parish of Coongulmerang, Gippsland, Victoria. V.M.D.	73

Date	Report and Collector of Samples	No. of Samples
13/2/33	Report on Further Samples from No.4 Scout Bore (Bravo Drill) Parish of Coongulmerang, Gippsland, Victoria. Oil Search Ltd.	5
21/3/33	Report on No.1 Bore, Parish of Bengworden, Gippsland, Victoria. V.M.D.	49
22/2/33	Report on Steam Drill, Parish of Coongulmerang, Gippsland, Victoria. Oil Search Ltd.	94
28/3/33	Report on Fossiliferous Samples from Outcrops along the Mitchell River, near Bairnsdale, Gippsland, Victoria. Oil Search Ltd. (E.A. Rudd)	39
2/5/33	Report on No. 2 Bore, Parish of Coongulmerang, Gippsland, Victoria. Oil Search Ltd.	52
29/8/33	Report on No. 2 Bore Tanjil-Pt. Addis, Longford, Gippsland, Victoria. V.M.D.	133
6/9/33	Report on a Collection of Rocks and Shells from N.W. of Mildura, Victoria. Mr. Harman.	4
26/9/33	Report on a Further Collection of Fossils from the Mitchell River area, Gippsland, Victoria, V.M.D. (J. Easton).	31
23/1/33	Report on Two Samples from Valve Oil Wells, Pelican Point, Gippsland, Victoria. V.M.D.	2
25/10/33	Report on Samples from No.7 Bore, Balliang East, Allot. 63, Parish of Parwan, Victoria. V.M.D.	5
14/11/33	Report on a Sample from a Bore 4 miles South of Clifton Bank, Hamilton, Victoria. V.M.D.	1
20/11/33	Report on Glaxo Bore, Port Fairy, Victoria. V.M.D.	87
20/11/33	Report on Samples from No.1 Bore (Trufood Bore) Parish of Glenormiston, Victoria. V.M.D.	18

Date	Report and Collector of Samples	No. of Samples
22/11/33	Report on a Small Collection of Fossils from Terang, Victoria. Bartle Ryan.	5
24/11/33	Report on Further Samples from Signal Hill Bore, Parish of Dulungalong, Gippsland, Victoria. V.M.D.	22
4/3/34	Report on Further Samples from Lake Wellington Oil Bore, East Gippsland. V.M.D.	3
2/5/34	Report on Samples from Oil Search Bores Nos. 1 and 2, Lakes Entrance, Victoria. Oil Search Ltd.	5
24/5/34	Report on Sample from Texland Oil Bore, Longford, Victoria. V.M.D.	1
18/5/34	Report on No.1 Bore, Kalimna Oil Company, Rigby Island, Gippsland Lakes, Victoria. V.M.D.	170
24/5/34	Report on Samples from Mildura, Victoria. V.M.D.	6
24/5/34	Report on a Sample from Lake Wellington Oil Wells, Gippsland, Victoria. V.M.D.	1
7/6/34	Report on Samples from Geelong Oil Bore, North Geelong, Victoria. V.M.D.	2
11/6/34	Note on a Block of Silicified Fossiliferous Limestone from Allotment 9, Section 20, Saltwater River, Parish of Doutta Galla, Braybrook, Victoria.	1
4/7/34	Note on a Sample of Lignitiferous Rock from Mrs. Gately, Gelantipy, N.E. Victoria.	1
30/7/34	Report on a Surface Sample from Dolomite Swamp Bore, Pelican Point, Gippsland Lakes, Victoria. V.M.D.	1
24/8/34	Report on Further Samples from Geelong Oil Bore, North Geelong, Victoria. V.M.D.	8

Date	Report and Collector of Samples	No. of Samples
26/9/34	Report on Further Samples from Geelong Oil Bore, North Geelong, Victoria. V.M.D.	4
21/1/35	Note on Samples from Lake Wellington Oil Bore, East Gippsland. V.M.D.	5
4/3/35	Report on Sample from Angus Cameron, Weeragua via Orbost, Victoria. V.M.D.	1
31/5/35	Report on a Series of Samples from Texland Oil Bore, Parish of Glencoe South, E. Gippsland, Victoria. V.M.D.	50
9/5/35	Report on Further Samples from Lake Wellington Oil Bore, East Gippsland, Victoria. V.M.D.	7
2/5/36	Preliminary Report on Samples from No.1 Bore, Parish of Nindoo, Gippsland, Victoria. V.M.D.	
25/2/36	Preliminary Report on Further Samples from No.1 Bore, Parish of Nindoo, Gippsland, V.M.D.	
18/6/36	Report on a Sample from No.1 Scout Bore, Parish of Meerlieu, Gippsland, Victoria. V.M.D.	1
31/8/36	Report on No.1 Bore, Parish of Stratford, East Gippsland, Victoria. V.M.D.	32
11/11/36	Report on No.1 Bore, Parish of Nindoo, East Gippsland, Victoria. V.M.D.	48
15/12/36	Report on No. 1 Bore, Parish of Meerlieu, Gippsland, Victoria. V.M.D.	102
26/2/37	Report on No.1 Bore, Parish of Yeerung, Gippsland, Victoria. V.M.D.	88
5/3/37	Report on Lake Wellington Oil Bore, East Gippsland, Victoria. V.M.D.	80

Date	Report and Collector of Samples	No. of Samples
5/3/37	Stratigraphical Notes on the Lake Wellington Oil Bore, East Gippsland, Victoria.	
13/5/37	Preliminary Report on the Wulla Wullock Bore, Gippsland, Victoria. V.M.D.	
4/6/37	Report on No.2 Bore, Parish of Wulla Wullock, Gippsland, Victoria. V.M.D.	161
16/6/37	Report on No.8 Bore, Parish of Glencoe, Gippsland, Victoria. V.M.D.	144
22/7/37	Preliminary Notes on No.1 Bore, Parish of Nuntin, Gippsland, Victoria. V.M.D.	100
21/6/37	Report on No. 1 Bore, Parish of Dulungalong, Gippsland, Victoria. V.M.D.	163
14/9/37	Report on No.14 Bore, Parish of Giffard, Gippsland, Victoria. V.M.D.	211
17/1/38	Report on Darriman No.4 Bore, Gippsland, Victoria. V.M.D.	126
16/3/38	Report on No.1 Bore, Parish of Seacombe, Gippsland, Victoria. V.M.D.	158
13/4/38	Report on No.1 Bore, Parish of Bundalaguah, Gippsland, Victoria. V.M.D.	73
26/4/38	Report on Samples from Austral Oil Well, Lakes Entrance, Gippsland, Victoria. Austral Oil Drilling Co.	19
20/5/38	Report on Samples from Imray Well (Austral Oil) Lakes Entrance, Gippsland, Victoria. Austral Oil Drilling Co.	19
1/7/38	Preliminary Notes on No.3 Bore, Parish of Bundalaguah, Gippsland, Victoria. V.M.D.	

Date	Report and Collector of Samples	No. of Samples
27/7/38	Report on Further Samples from Imray Well, Lakes Entrance. Victoria. Austral Oil Drilling Co.	70
25/8/38	Report on Samples from No.1 Bore, Goon Nure (Romawi) Gippsland, Victoria. V.M.D.	10
5/9/38	Report on No.3 Bore, Cobbler's Creek, Parish of Bairnsdale, Gippsland, Victoria. V.M.D.	87
29/9/38	Report on Further Samples from No.1 Bore, Goon Nure, (Romawi), Gippsland, Victoria. V.M.D.	22
19/10/38	Report on No.1 Bore, Parish of Wy Yung, Gippsland, Victoria. V.M.D.	12
19/10/38	Report on No.2 Bore, Parish of Wy Yung, Gippsland, Victoria. V.M.D.	31
16/11/38	Report on No. 2 Bore, Parish of Bundalaguah, Gippsland, Victoria. V.M.D.	33
21/11/38	Report on Further Samples from No.1 Bore, Goon Nure, (Romawi), Gippsland, Victoria. V.M.D.	21
2/3/39	Report on No.4 Bore, Parish of Bairnsdale, (Forge Creek), Gippsland, Victoria, V.M.D.	142
28/3/39	Review of the Palaeontological Investigations of borings in the Tertiary rocks of East Gippsland, area, Victoria.	
4/9/39	Report on No.2 Bore, (Lake Kakydra), Parish of Nuntin, Gippsland, Victoria. V.M.D.	520
11/10/39	Report on No.5 Bore, Parish of Bairnsdale (Eagle Point), Gippsland, Victoria. V.M.D.	135
24/11/39	Report on No.1 Bore, Parish of Boole Poole, (Sperm Whale Head), Gippsland Lakes, Victoria. V.M.D.	182

Date	Report and Collector of Samples	No. of Samples
15/12/39	Report on Sample from the Nelson Bore, Western Victoria. V.M.D.	1
4/3/40	Report on No.3 Bore, Parish of Coongulmerang, Gippsland, Victoria. V.M.D.	110
16/1/40	Report on Further Samples from No.5 Bore, Parish of Bairnsdale, (Eagle Point), Gippsland, Victoria. V.M.D.	23
15/5/40	Report on No.4 Bore, Parish of Colquhoun (Pilot Station) Gippsland, Victoria. V.M.D. and I.C.	210
19/7/40	Report on Samples from Producing Oilfields No.1 Bore, N. Portland. Western Victoria. V.M.D.	11
22/7/40	Report on No.3 Bore, Parish of Colquhoun, (Nungurner) Gippsland, Victoria. V.M.D.	164
5/8/40	Report on No.5 Bore, Parish of Colquhoun (Meringa Creek), Gippsland, Victoria. V.M.D.	139
6/8/40	Report on Further Samples from No.4 Bore, Parish of Colquhoun, (Pilot Station), Gippsland, Victoria. V.M.D.	7
5/9/40	Report to the Commonwealth Government by Dr. H.G. Raggatt, Assistant Commonwealth Geologist, on Oil Possibilities, Lakes Entrance Area, East Gippsland, Victoria.	
15/10/40	Report on No.7 Bore, Parish of Colquhoun, (Lake Bunga) Gippsland, Victoria. V.M.D. and I.C.	136
21/11/40	Report on No.1 Bore, Parish of Bengworden South, (Holland's Landing) East Gippsland, Victoria. V.M.D.	381
10/1/41	Report on No.6 Bore, Parish of Colquhoun, (Kalimna) Gippsland Lakes, Victoria. V.M.D. and I.C.	230

Date	Report and Collector of Samples	No. of Samples
19/3/41	Report on No.8 Bore, Parish of Colquhoun, (North Arm) Gippsland Lakes, Victoria. V.M.D.	144
20/3/41	Note on Sample from Gippsland Oil Bore, No.3, Parish of Bumberrah, Gippsland, Victoria. H.G. Raggatt.	3
28/7/41	Report on No.9 Bore, Parish of Colquhoun, (Warm Holes) Gippsland, Victoria. V.M.D. and I. Crespin.	273
26/8/41	Report on Samples from Gippsland Oil Bore, No.3, Parish of Bumberrah, Gippsland, Victoria. V.M.D.	29
3/12/41	Report on No.11 Bore, Parish of Colquhoun, (Frenchman's Creek), Gippsland, Victoria. V.M.D. and I.C.	326
22/12/41	Report on Further Samples from Gippsland Oil Bore, No.3, Parish of Bumberrah, Gippsland, Victoria. V.M.D.	57
2/1/42	Report on No.1 Bore, Parish of Wurruk Wurruk, near Sale, Gippsland, Victoria. V.M.D.	387
28/1/43	Report on a Collection of Fossils from Lakes Entrance Oil Shaft, Gippsland, Victoria. I. Crespin, 1943/9.	
28/1/43	A Second Report on a Collection of Fossils from Lakes Entrance Oil Shaft, Gippsland, Victoria. H.J. Cook. 1943/10.	
2/2/43	Microscopic Examination of Samples from No.27 Bore, peg 300 feet, Mirboo North, Gippsland, Victoria, State Electricity Commission. 1943/11.	13
21/9/43	Microscopic Examination of Cores from Bores Nos. 86 and 92, Parish of Loy Yang, forwarded by State Electricity Commission of Victoria. 1943/49.	2

Date	Report and Collector of Samples	No. of Samples
6/12/43	Microscopic Examination of Bores Nos. 84 and 109, Parish of Loy Yang, Gippsland, forwarded by the State Electricity Commission of Victoria. 1943/66.	2
15/7/44	Microscopic Examination of Cores from Bores in the Parishes of Loy Yang, Maryvale, and Hazelwood, Gippsland, forwarded by the State Electricity Commission of Victoria. 1944/30.	10
23/10/44	Micro-faunal examination of Samples from Bores Nos. 188, 195, 208, 213, Parish of Maryvale, Victoria. State Electricity Commission. 1944/38.	21
2/8/46	Micropalaeontological Examination of No.1 Bore, Western Victoria. State Rivers and Water Supply Commission. 1946/30.	39
15/8/47	Preliminary Report on Samples from Nelson Bore, Parish of Glenelg, S.W. Victoria. V.M.D. 1947/62.	201
17/10/47	A Summary of the Stratigraphy and Palaeontology of the Lakes Entrance Oil Shaft, Gippsland, Victoria. 1947/69.	
5/12/47	Note on a Rock Sample submitted for Palaeontological Examination by Lakes Oil Company. 1947/77.	1
31/5/48	Micropalaeontological Examination of Samples from the Consolidated School Bore, Murrayville Township, Parish Danyo, County Weeah, Victoria. State Rivers and Water Supply Commission. 1948/27.	24
31/5/48	Micropalaeontological Examination of Samples from E. Miles, Bore, Cove Pre Purchase, Parish Dinyarrak, County Lowan, Victoria. S.R. & W.S. Commission. 1948/26.	11

Date	Report and Collector of Samples	No. of Samples
31/5/48	Micropalaeontological Examination of Samples from Campbell's Bore, Allotment 22, Parish Tunart, County Millewa, Victoria. S.R. & W.S. Commission, 1948/25.	105
11/6/48	Micro-examination of Samples from Mornington Fossil Beach, 400' N. of Rocky point immediately W. of old limekilns at Fossil Beach. P.B. Nye. 1948/28.	8
13/8/48	Preliminary Report on Samples from No.1 Bore, Allotment 57, Parish Puebla, Victoria (Geelong Flow Oil Co.) V.M.D. 1948/50.	110
14/10/48	Preliminary Report on Further Samples from Bore No.1 Allotment 57, Parish Puebla, Victoria. (Geelong Flow Oil Co.) V.M.D. 1948/65.	7
20/1/49	Report on Further Samples from No.1 Bore, Allotment 57, Parish Puebla, (Geelong Flow Oil Co.) V.M.D. 1949/7.	19
19/5/50	Report on a Sample of Diatomite from Victoria. Director, B.M.R. 1950/12.	1
13/9/50	Report on an Examination of Fossils from the Portland area, S.W. Victoria, collected by Dr. Boutakoff, V.M.D. 1950/28.	67
13/12/50	Micropalaeontological Report on Bore Sample from No.2 Bore, Parish of Glencoe South, Gippsland, Victoria. 1950/49.	1
12/2/51	Micropalaeontological Examination of a Sample of Diatomite from Redesdale, Victoria. 1951/16.	1

Tasmania

Little fossiliferous material has been submitted from Tasmania and only eight reports are available. These are listed below.

Date	Report and Collector of Samples	No. of Samples
2/5/28	Report on Sample from King Island. Victorian Mines Department.	1
2/8/28	Report on supposed Fossiliferous Rocks of upper Pre-Cambrian age from Port Davey, S.W. Tasmania. J. McIntosh Reid.	3
12/9/28	Report on a further consignment of Specimens from Port Davey, Tasmania. Govt. Geologist.	2
26/1/33	Report on a Collection of Fossils from Marrawah, Smithton and Flinders Island, Tasmania. Govt. Geol. Tasmania. (P.B. Nye).	6
21/5/43	Limestones from King Island, Tasmania. P.B. Nye.	2
23/3/44	Middle Miocene Limestones from the Cape Barren Island, Furneaux Group, Bass Strait. 1944/14.	5
25/9/44	Report on a Sample of Bryozoal Marl from Montagu, Northwest Tasmania. F. Canavan (Broken Hill Pty.) 1944/33A.	1
4/10/45	Report on Six Samples of Limestones from Localities in Flinders Island, Tasmania. 1945/71.	6

South Australia

Sixty-four reports have been prepared on fossiliferous material from South Australia. Of these twenty-seven appeared before December 1935 and the remainder from that time up to December 1952. These reports are based on the examination of nearly 1,400 samples, but many more have been examined during the preparation of the writer's

recent work on the Aldinga-Port Noarlunga area. Most of the samples examined have come from water investigations in the Adelaide Basin and in the Great Artesian Basin in the northern part of the State. The bores in the north were drilled in Lower Cretaceous sediments and those in the Adelaide area in rocks of Tertiary age. The early bores in the Mt. Gambier region were drilled during a search for oil in that area.

The reports are given below.

Date	Report and Collector of Samples	No. of Samples
26/7/28	Report on No.2 Bore, Caroline, South Australia. Victorian Mines Department.	33
21/12/31	Report on No.1 Bore at Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	30
4/1/32	Report on Further Samples from No.1 Bore, Knight's Dome, Mt. Gambier, South Australia. O.S. Ltd.	11
16/2/32	Report on Samples from the Mt. Gambier area, South Australia. Oil Search Ltd. (E.A. Rudd).	15
7/3/32	Report on a Sample of Core from the Associated Bore, Mt. Gambier, South Australia. A.E. Knight.	1
28/4/32	Report on Samples from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	5
16/5/32	Report on Further Samples from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	6
27/5/32	Report on Further Samples from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	10
27/6/32	Report on Samples from No.2 Bore, Enterprise Oil Prospecting Co., Tintinara Desert, County Cardwell, South Australia. Enterprise Oil Prospecting Co.	15

Date	Report and Collector of Samples	No. of Samples
1/7/32	Report on Further Samples from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	4
4/7/32	Report on Further Samples from No.2 Bore, Enterprise Oil Prospecting Co., Tintinara Desert, County Cardwell, South Australia. Enterprise Oil Prospecting Co.	6
12/7/32	Report on Further Samples from No.2 Bore, Enterprise Oil Prospecting Co., Tintinara Desert, County Cardwell, South Australia. Enterprise Oil Prospecting Co.	6
4/8/32	Report on Further Samples from No.2 Bore, Enterprise Oil Prospecting Co., Tintinara Desert, County Cardwell, South Australia. Enterprise Oil Prospecting Co.	3
3/10/32	Report on a Further Series of Samples from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	12
6/10/32	Report on a Collection of Rock Samples and Fossils from Western Victoria and Eastern South Australia. Vacuum Oil Co. (N. Osborne).	43
15/11/32	Report on Further Samples from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	18
18/11/32	Report on Samples from No.3 Bore, Kingston, South Australia. Enterprise Oil Prospecting Co.	5
11/1/33	Report on Samples from No.3 Bore, Kingston, South Australia. Enterprise Oil Prospecting Co.	5
13/4/33	Report on Further Samples from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	6

Date	Report and Collector of Samples	No. of Samples
1/5/33	Specimens from left bank of Murray River, 1 mile from Tailem Bend, Sect. 339, Hundred of Seymour, South Australia. Director, South Australian Museum.	4
24/5/33	Report on a Sample from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	1
26/5/33	Report on Further Samples from No.2 Bore, Knight's Dome, Mt. Gambier, South Australia. Oil Search Ltd.	10
19/6/33	Report on Samples from No.4 Bore, Kingston, South Australia. Enterprise Oil Prospecting Co.	7
8/12/33	Report on Further Samples from No.4 Bore, Kingston, South Australia. Enterprise Oil Prospecting Co.	4
25/1/34	Report on Further Samples from No.4 Bore, Kingston, South Australia. Enterprise Oil Prospecting Co.	2
22/3/34	Report on Further Samples from No.4 Bore, Kingston, South Australia. Enterprise Oil Prospecting Co.	5
4/5/34	Report on Further Samples from No.4 Bore, Kingston, South Australia. Enterprise Oil Prospecting Co.	4
23/11/37	Report on a Collection of Rocks and Fossils from South Australia and Central Australia. Commonwealth Oil Refineries Pty.	27
12/8/41	Report on a Sample from 665 feet in the Albala Karoo Borehole, Eucla Basin, South Australia. Director of Mines, Adelaide.	2
1/9/41	Report on Samples from the Lake Phillipson Bore, South Australia. Vacuum Oil Co.	77

Date	Report and Collector of Samples	No. of Samples
5/1/45	Microscopic Examination of Bore Samples from Marree, South Australia. Director of Mines, Adelaide. 1945/3.	21
4/12/45	Report on Samples from a Bore at Mt. Burr, Hundred of Riddock, South Australia. 1945/75.	10
17/7/46	Microfauna from some of the Tertiary Deposits in the vicinity of Aldinga Bay, South Australia. D. Mawson. 1946/27.	5
14/8/46	Preliminary Report on the Microscopic Examination of Samples from Bores in the Great Artesian Basin of northern and northeastern South Australia and southern Northern Territory. Director of Mines, Adelaide. 1946/21.	527
7/10/47	Notes on Samples of Limestone from the Nullarbor Plains, S. Australia. D. King (S.A. Mines Dept.) 1947/68.	23
9/9/47	The Stratigraphy and Palaeontology of the sub-surface deposits of the Adelaide Plains. With B.C. Cotton. 1947/64.	
4/12/47	Preliminary Notes on Rock Samples from Northern Flinders Range area. Frome-Broken Hill, Ltd. 1947/76.	10
13/2/48	Palaeontological Examination of Samples from north-west New South Wales and north-east South Australia. Frome-Broken Hill Co. 1948/6.	13
29/1/48	Micropalaeontological Examination of Rock Samples from the Northern Flinders Range area, South Australia. Frome-Broken Hill Co. 1948/3.	19

Date	Report and Collector of Samples	No. of Samples
20/2/48	Micropalaeontological Examination of Samples from the Adelaide Cement Co. Bore at Klein Point, Yorke Peninsula, South Australia. Director of Mines, Adelaide. 1948/9.	5
20/2/48	Micropalaeontological Examination of Samples from No.8 Bore, on the Waratah Gypsum leases, Penong, north of the eastern shores of Fowler's Bay, South Australia. Director of Mines, Adelaide. 1948/9.	5
20/2/48	Micropalaeontological Examination of Samples from Bore L.O. in the Waratah Gypsum Leases, Penong, north of the eastern shores of Fowler's Bay, South Australia. Director of Mines, Adelaide. 1948/10.	4
25/2/48	Micropalaeontological Examination of Samples from Bores Nos. 2, 10 and 22, Robe, South Australia. Director of Mines, Adelaide. 1948/11.	34
30/7/48	Micropalaeontological Report on Samples from S.R. Makin's Bore, Keith, Section 83W, Hundred of Stirling, South Australia. Director of Mines, Adelaide. 1948/46.	17
15/4/48	Micropalaeontological Examination of Samples from No.5 Bore, Klein Point, South Australia. Director of Mines, Adelaide. 1948/22.	8
9/9/48	Micropalaeontological Report on Rock Samples from the opal fields at Andamooka and Coober Pedy, South Australia. B.M.R. (I.C.H. Croll). 1948/55.	31
4/1/49	Micropalaeontological Examination of Samples from the Adelaide Metropolitan Bores, South Australia. Director of Mines, Adelaide. 1948/66.	175
7/1/49	Micropalaeontological Examination of Samples from a Bore at Lake Macdonnell, south-east South Australia. Director of Mines, Adelaide. 1949/1.	20

Date	Report and Collector of Samples	No. of Samples
24/6/49	Micro-examination of Rock Samples from the vicinity of the Rocket Range, Woomera, South Australia. B.M.R. (N.H. Fisher). 1949/83.	5
31/8/49	Micropalaeontological Examination of Rock Samples from Pidinga, South Australia. Director of Mines, Adelaide. 1949/93.	11
23/1/50	Micropalaeontological Examination of Samples from Kopperammanna Bore, South Australia. Director of Mines, Adelaide. 1949/109.	12
2/8/50	Micropalaeontological Report on Samples from Bores in the Moorlands Coal Field, South Australia. Director of Mines, Adelaide. 1950/10.	20
3/1/51	Micropalaeontological Examination of Samples from Woods and Forests Department Bore No.1, Mt. Gambier, Section 225, Hundred of Blanche, South Australia. Director of Mines, Adelaide. 1951/3.	15
3/1/51	Micropalaeontological Examination of Samples from No.5 Bore, Myora Forest, Mt. Gambier, Section 373, Hundred of Mt. Gambier, South Australia. Director of Mines, Adelaide. 1951/3.	8
3/1/51	Micropalaeontological Examination of Samples from W.H. Wylie's Bore, Kangatinga Station, via Cannawigara, Section 1, Hundred of Shaugh. South Australia. Director of Mines, Adelaide. 1951/3.	18
3/1/51	Micropalaeontological Examination of Samples from Bore No.6, Woods and Forests Department, Caroline Forest, Mt. Gambier, Section 206, Hundred of Caroline, South Australia. Director of Mines, Adelaide. 1951/3.	10

Date	Report and Collector of Samples	No. of Samples
3/1/51	Micropalaeontological Examination of Samples from Spackman Brothers' Bore, Coombe, Section 103, Hundred of Coombe, South Australia. Director of Mines, Adelaide. 1951/3.	15
3/1/51	Micropalaeontological Examination of Samples from Lands Department Soldiers' Settlement Bore, No.23B, Woorattanbulli, Section 420, Hundred of Joanna, via Narracoorte, South Australia. Director of Mines, Adelaide. 1951/3.	5
3/1/51	Micropalaeontological Examination of Samples from Woods and Forests Department Bore No.8, Penola Forest, Section 196, Hundred of Nangwaart, South Australia. Director of Mines, Adelaide. South Australia. 1951/3.	4
3/1/51	Micropalaeontological Examination of Samples from Lands Department Soldiers' Settlement Bore, No.7B, Binnum via Narracoorte, Section 542, Hundred of Binnum, South Australia. Director of Mines, Adelaide. 1951/3.	4
3/1/51	Micropalaeontological Examination of Samples from L.M. Harvey's Bore, Bordertown, Section 29, Hundred of Cannawigara, South Australia. Director of Mines, Adelaide. 1951/3.	3

Western Australia

Sixty-three reports have been issued on fossiliferous material from Western Australia. Of these twenty-two were prepared before December 1935 and the remainder from January 1936 to December 1952. These reports are based on the examination of about 1,000 samples, but many more than this have been examined without departmental reports being given. A considerable number of individual fossils was handled in this work. It does not include the 200 samples examined from the Cape Range area, during the preparation of the Bulletin on the

Cape Range structure by Condon, Johnstone, Perry and Crespin, nor the 244 samples submitted by E.A. Rudd on behalf of Oil Search Limited in 1936 from the North-West Basin. No formal report has been given on these Oil Search Samples, but results of examination of certain samples have been incorporated in different papers on the area.

Most samples have been collected during the search for oil in the State.

The list of reports is given below.

Date	Report and Collector of Samples	No. of Samples
4/5/27	Report on Samples of Rock from an Oil Bore in the country between Rockingham and Mandurham, Western Australia. Home and Territories Dept.	6
7/10/27	Report on a Series of Samples from the surface to 670 feet taken from the Freney Kimberley Oil Co. Bore at Poole Range, Western Australia. Freney Kimberley Oil Co.	12
16/12/27	Report on Samples from the Freney Kimberley Oil Co. Bore No.2 at Poole Range, Western Australia, from 670 feet to 1,013 feet. Freney Kimberley Oil Co.	10
6/1/28	Report on Samples from the Freney Kimberley Oil Co. Bore No.2 at Poole Range, Western Australia from 1013 feet to 1593 feet.	9
9/2/28	Report on Samples from Freney Kimberley Oil Co. No.2 Bore, at Poole Range, Western Australia, from 1593 feet to 1683 feet. Freney Kimberley Oil Co.	6
14/5/28	List of Fossils determined from Esperance, Western Australia. E. Hancock.	6
5/2/30	Report on a Collection of Fossils from near the mouth of the Murchison River, Western Australia. L. Glauert.	7

Date	Report and Collector of Samples	No. of Samples
3/7/30	Report on a Series of Fossils and Fossiliferous Limestones from the Wooramel River area, Western Australia. Oil Search Ltd.	10
24/11/30	Report on Fossiliferous Rocks and Fossils from Northern Territory and north-western Australia. Vacuum Oil Company (Jablonski and Bremner).	50
13/2/31	Notes on the Wooramel River Area, Western Australia.	
2/10/31	Report on a Collection of Fossils from the Wooramel River area, Western Australia. P. Hossfeld.	38
9/10/31	Report on a Sample from Western Australia. (Southern District). D.G. Bull.	1
2/9/32	Report on a Series of Fossils and Rock Specimens from Wooramel River area, Western Australia. Oil Search Ltd. (E.A. Rudd.)	24
8/4/34	A Preliminary Report on a Selection of Samples from a Collection made by Messrs. Condit and Rudd from North West Division, Western Australia. Oil Search Ltd.	20
12/9/34	A Preliminary Report on a Further Selection of Samples from a Collection made by Messrs. Condit and Rudd from North West Division, Western Australia. Oil Search Ltd.	6
3/12/34	Report on a Collection of Rocks and Fossils from North West Division, Western Australia. Oil Search Ltd. (Condit and Rudd).	83
29/5/35	Report on a Collection of Fossils and Fossiliferous Rocks from the North West Division, Western Australia. Oil Search Ltd. (H.G. Raggatt).	49
7/6/35	Report on Samples from Grierson's Tank Bore, North West Australia. Oil Search Ltd. (H.G. Raggatt)	8

Date	Report and Collector of Samples	No. of Samples
12/8/35	Report on Samples from the Moora Bore, South West Division, Western Australia. Oil Search Ltd. (Condit and Rudd).	21
28/8/35	Report on Samples from the Carnarvon Bore, Northwest Australia. Oil Search Ltd. (Condit and Rudd).	20
15/12/35	Report on a Sample of Chalk from Murchison House, Murchison River, Western Australia. L. Glauert.	1
17/6/36	Report on Samples from the North West Basin, Western Australia. Commonwealth Oil Refineries. (K. Washington Gray).	82
2/9/36	Report on Fossiliferous Rocks from the North West Division, Western Australia. Oil Search Ltd. (H.G. Raggatt).	10
26/1/37	Report on Further Samples from the North West Basin, Western Australia. Commonwealth Oil Refineries. (K. Washington Gray).	5
6/6/37	Report on a Collection of Fossils and Fossiliferous Rocks from the Gascoyne Area, Western Australia. Freney Kimberley Oil Co. (L. Waterford).	100
20/7/37	Report on Samples from the Leederville Valley Bore, Perth, Western Australia. Govt. Geologist.	13
20/7/37	Report on Samples from Perth Tramways Bore, Perth, Western Australia. Govt. Geologist.	8
20/7/37	Report on Samples from Zoological Gardens Bore, Perth, Western Australia. Government Geologist.	25
20/7/37	Report on Samples from No.1 Bore, Claremont, Perth, Western Australia. Government Geologist.	17

Date	Report and Collector of Samples	No. of Samples
20/7/37	Report on Samples from Claremont Asylum Bore, Perth, Western Australia. Government Geologist.	7
29/2/40	Report on Samples from No.1 Bore, Nerrima, Kimberley area, North West Australia. Freney Kimberley Oil Co.	54
19/3/20	Report on Further Samples from No.1 Bore, Nerrima, Kimberley area, North West Australia. Freney Kimberley Oil Co.	20
26/11/40	Report on Further Samples from No.1 Bore, Nerrima, Kimberley area, North West Australia. Freney Kimberley Oil Co.	21
14/3/41	Report on a Collection of Rock Samples from the Cape Range area near Exmouth Gulf, North West Australia. Caltex (Australia) Oil Development.	20
7/4/41	Report on Further Samples from No.1 Bore, Nerrima, Kimberley area, North West Australia. Freney Kimberley Oil Co.	5
6/5/41	Report on Four Samples of Fossiliferous Rock from Badjirrajirra Creek (North Fork), 4.7 miles from mouth (Loc. KE8) Cape Range, North West Division, Western Australia. Caltex (Australia) Oil Development.	4
11/11/41	Report on Further Samples from No.1 Bore, Nerrima, Kimberley area, North West Australia. Freney Kimberley Oil Co.	16
12/11/41	Report on Shale Sample from near top of Tillite at Mt. Millard, Poole Range, West Kimberley Division, Western Australia. Caltex (Australia) Oil Development.	1

Date	Report and Collector of Samples	No. of Samples
5/3/42	Report on a Collection of Samples from the Kimberley area, Western Australia. Caltex (Australia) Oil Development.	6
6/12/44	Micro-fossils in the Bentonite Samples from Yarraman, Queensland, and Marchagee, Western Australia. N.H. Fisher.	2
8/2/45	Micro-examination of Core Samples from No.2 Bore, Government House Grounds, Perth, Western Australia. Government Geologist, 1945/12.	5
8/5/45	Notes on Bryozoa from Limestones at Lake Cowan and Norseman, Western Australia. Professor Clarke.	5
1/11/40	The Micro-fauna of the Dandaragan Chalk, Dandaragan, Western Australia. Government Geologist, 1944/100.	2
12/8/47	Micropalaeontological Examination of Rock Samples from the Desert Basin and Bonaparte Gulf Basin, collected by Dr. Frank Reeves. 1947/61.	29
14/1/47	Report on Fossils from the vicinity of Northampton and Eradu, Western Australia. Government Geologist.	4
16/3/48	Report on a Limestone from a Locality half a mile north of Cape Leeuwin Lighthouse, S.W. Division, Western Australia. Government Geologist. 1948/18.	1
30/3/48	Report on a Sample of Diatomite from Tincurrin, 40 miles east of Narrigin, Western Australia. Government Geologist. 1948/19.	1
4/3/48	Micropalaeontological Examination of Rock Samples from the Kimberley area, Western Australia, collected by Dr. Frank Reeves. Vacuum Oil Company. 1948/13.	4

Date	Report and Collector of Samples	No. of Samples
22/7/48	Micropalaeontological Examination of Rock Samples collected by Dr. F. Reeves from the south side of the Desert Basin, Western Australia. Vacuum Oil Company. 1948/44.	5
16/9/48	Report on Micropalaeontological Examination of Rock Specimens from Dr. Reeves from the Kimberley Basin, Western Australia. Vacuum Oil Company. 1948/56.	5
27/9/48	Micropalaeontological Examination of Samples from Nos. 1, 2, 3, and 4 Bores, Broome, and Derby Town Bore, Western Australia. Vacuum Oil Company (Dr. Frank Reeves). 1948/60.	62
1/10/48	Micropalaeontological Examination of Two Samples from the Kimberley District, Western Australia. B.M.R. (D. Guppy). 1948/62.	2
3/12/48	Micropalaeontological Examination of Rock Samples from the Kimberley Area, Western Australia. Dr. Frank Reeves. 1948/77.	4
3/12/48	Micro-examination of Rock Samples from Mt. Clarkson, Dampier Downs and Mt. Anderson, Western Australia. Dr. Frank Reeves. 1948/78.	20
12/1/49	Micropalaeontological Examination of Rock Samples from the Poole Range area, Western Australia. Dr. Frank Reeves. 1949/2.	3
25/1/49	Micropalaeontological Examination of Limestone Samples from the North-West Basin, Western Australia. E. Craig. 1949/8.	5
25/1/49	Micropalaeontological Examination of Samples from 67 mile bore, 67 miles east of Derby, Western Australia. Dr. Frank Reeves. 1949/9.	4

Date	Report and Collector of Samples	No. of Samples
21/6/49	Micropalaeontological Examination of Rock Samples from the Giralia area, North-West Basin, Western Australia, collected by N.H. Fisher. 1949/81.	33
21/6/49	Micropalaeontological Examination of Further Rock Samples from the North-West Basin, Western Australia, collected by E. Craig. 1949/65.	5
21/6/49	Micropalaeontological Examination of Rock Samples from the vicinity of Watheroo Magnetic Observatory, Western Australia. H.G. Raggatt. 1949/82.	3
20/12/49	Micropalaecntological Examination of Rock Samples from the North-West Basin, Western Australia. B.M.R. (M.A. Condon). 1949/107.	52
23/1/50	Microfossils in a Bentonitic Rock from Cardabia, North-West Basin, Western Australia. B.M.R. (M.A. Condon). 1949/108.	3
20/2/50	Micropalaeontological Examination of Rock Samples from the Lower Minilya area, North-West Basin, Western Australia, collected by C. Teichert and G. Thomas, 1949. 1950/4.	10
10/11/50	Micropalaeontological Examination of Core Samples from Bores at Collie, Western Australia. Government Geologist. 1950/42.	43
10/1/51	Micropalaeontological Examination of Clays from the South-Western Division, Western Australia. Government Geologist. 1951/6.	9
7/10/52	Micro-examination of Bore Cores from Stockton No.2 Diamond Drill hole, Collie, Western Australia. Government Geologist. 1952/77.	40

Northern Territory

Ten formal reports have been prepared on fossiliferous material from the Northern Territory; they date from 1941. The number of samples examined during the preparation of these reports is not large, but a considerable amount of material has been examined for L.C. Noakes and D.M. Traves during their geological investigations in the Territory. The results of this work have been incorporated in their detailed reports.

The list of reports is given below:

Date	Report and Collector of Samples	No. of Samples
1/9/41	Report on Samples from the vicinity of Alice Springs, Northern Territory. Vacuum Oil Co.	30
13/2/44	Micropalaeontological Examination of Samples from Atherton Bore, 30 miles south of Alice Springs, Northern Territory.	17
21/3/44	Notes on Rocks from Northern Territory forwarded by Dr. H.J. Jensen for Palaeontological Determination. 1944/9.	4
29/5/47	Micro-examination of Samples from a Bore on Brunette Downs, Northern Territory. B.M.R. 1947/56.	10
8/9/48	Micropalaeontological Examination of Samples from Bond Springs Station, about 16 miles west of 16 mile Government Bore, Alice Springs, Northern Territory. Zinc Corporation (M.A. Mawby). 1948/53.	2
30/11/49	Micropalaeontological Examination of Samples from a Bore at Eva Downs Station, Northern Territory. B.M.R. (D.M. Traves) 1949/102.	5
29/3/49	Micropalaeontological Examination of Samples from Bores at Bond Springs, west of Alice Springs, Northern Territory. M.A. Mawby. 1949/62.	13

Date	Report and Collector of Samples	No. of Samples
22/2/50	Micropalaeontological Report on a Sample of Lignite from a water bore on Freud River, 80-90 miles west of Alice Springs. M.A. Mawby. 1951/4.	1
22/12/50	Report on Micropalaeontological Examination of Samples from 16 mile Government Bore, west of Alice Springs, Northern Territory. M.A. Mawby. 1950/48.	6
11/12/51	Micropalaeontological Examination of Rock Samples from Margaret Bay, Northern Territory. B.M.R. (H.B. Owen) 1951/65.	5
Miscellaneous reports		
9/5/33	Report on Foraminiferal Material from Whakaou Stream, Tutamoe Subdivision, New Zealand. Vacuum Oil Co.	
12/12/35	Report on Fossil Material from Makaringa, Portugese East Africa. L.G. Putman and F.P. Mennell.	
1943/7	Microscopic Examination of Three Samples of Diatomite from New Zealand. Geol.Surv.N.Z.	
1943/55	Conodonts from the Waterhouse Range, Central Australia.	
1943/56	Permian Foraminifera from a Bore at Coorabin, New South Wales.	
1943/63	Survey of Oil Drilling Activities in Australia and New Guinea. with H.G. Raggatt. (revised 15/3/44.	
1944/24	Foraminifera in the Permian Rocks of Australia.	
1945/16	Preliminary Notes on a Microfauna from the Lower Cretaceous Deposits on the Great Artesian Basin.	

1952/61 Migration of Foraminifera in Tertiary Times in Australia (read at A.N.Z.A.A.S. Aug. 1952).

1951/43 Report on visit to U.S.A. I. Crespin.

PUBLICATIONS BASED ON MATERIAL IN THE COMMONWEALTH PALAEONTOLOGICAL COLLECTION

F. Chapman and I. Crespin

1930 - Rare Foraminifera from Deep Borings in the Victorian Tertiaries - Victoriella gen nov., Cycloclypeus communis Martin and Lepidocyclina borneensis Provale. Proc.Roy.Soc.Vic., 42 n.s. (2), 110-115.

1930 - Rare Foraminifera from Deep Borings in the Victorian Tertiaries. Part II. Ibid., 43 n.s. (1), 96-100.

1932 - Rare Foraminifera from Deep Borings. Part III. Ibid., 44 n.s. (1), 92-99.

1932 - The Tertiary Geology of Gippsland, Victoria. Bur.Min.Resour.Aust. (Dept. Home Affairs, Canberra), Bull. 1, 1-15.

1933 - New and Rare Tertiary Mollusca from Deep Borings in Gippsland. Proc.Roy.Soc.Vic., 46 n.s., (1), 66-76.

1934 - The Palaeontology of the Plantagenet Beds of Western Australia. J.Roy.Soc.W.Aust., 20, 103-136.

1935 - The Sequence and Age of the Tertiaries of South Australia. Rept. A.N.Z.A.A.S. Melbourne Meeting, 118-126.

1935 - Foraminiferal Limestones of Eocene Age from North-West Division, Western Australia. Proc.Roy.Soc.Vic., 48 n.s. (1), 55-62.

Irene Crespin

1936 - The Larger Foraminifera of the Lower Miocene of Victoria. Bur.Min.Resour.Aust.Bull. 2 (Dept. of the Interior), 3-15.

1937 - Report on Tertiary Rocks of North-West Australia in Correlation of Tertiary Rocks of Australia and New Zealand. Rep. A.N.Z.A.A.S. 23 (Auckland Meeting) 443.

1938 - The Occurrence of Lacazina and Biplanispira in the Mandated Territory of New Guinea. Bur.Min.Resour.Aust.Bull. 3, 3-8.

1938 - A Lower Miocene Limestone from the Ok Ti River, Papua. Ibid., 9-16.

1938 - Upper Cretaceous Foraminifera from the North-West Basin, Western Australia. J. Paleont., 12 (4), 391-395.

1939 - Note on the Present Knowledge of the Tertiary Sequence in Papua and the Mandated Territory of New Guinea. 6th Pac.Sci. Cong. (San Francisco), 529-530.

1941 - Palaeontological Review of the Holland's Landing Bore, Gippsland. Min.geol.J., 2 (4), 252-256.

1941 - The Genus Cycloclypeus in Victoria. Proc.Roy.Soc.Vic., 53 (2), n.s. 301-314.

1942 - The Occurrence of the genus Conoclypus in the North-West Division, Western Australia. J.Roy.Soc.W.Aust., 27, 75-77.

1943 - The Genus Lepidocyclina in Victoria. Proc.Roy.Soc.Vic., 55 (2), n.s. 157-180.

1943 - Conodonts from Waterhouse Range, Central Australia. Trans.Roy. Soc.S.Aust., 67 (2), 231-232.

1943 - The Stratigraphy of the Tertiary Marine Rocks in Gippsland, Victoria. Bur.Min.Resour.Aust.Bull. 9 (mimeographed).

1943 - Permian Foraminifera from a Bore at Coorabin, New South Wales. Aust.J.Sci., 6 (2), 65.

1944 - Permian Foraminifera from Oonah, Tasmania. Ibid., 7 (2), 59.

1944 - Some Lower Cretaceous Foraminifera from Bores in the Great Artesian Basin, Northern New South Wales.J.Roy.Soc.N.S.W., 78, 17-24.

1944 - The Occurrence of Cycloclypeus in the Tertiary Deposits of South Australia. Trans.Roy.Soc.S.Aust., 68 (1).

1945 - Note on Age and Palaeogeography of Brown Coal Deposits of Gippsland, Victoria. Proc.Roy.Soc.Vic., 57 (1,2) n.s. 49-56.

1945 - Some Permian Foraminifera from Eastern Australia. Proc.Roy.Soc. Qd, 56 (3), 23-30.

1945 - Permian Ostracoda from Eastern Australia. Ibid., 56 (4), 31-36.

1945 - Middle Miocene Limestone from Cape Barren Island, Furneaux Group, Bass Strait, Pap.Roy.Soc.Tas., 13-14.

1945 - Middle Miocene Limestones from King Island, Tasmania. Ibid., 15-18.

1946 - A Lower Cretaceous Fauna in the North-West Basin of Western Australia. J. Paleont., 20 (5), 505-509.

1946 - Foraminifera and other microfossils from some of the Tertiary Deposits in the vicinity of Aldinga Bay, South Australia. Trans.Roy.Soc.S.Aust., 70 (2), 297-301.

1946 - Diatomite - Mineral Resources of Australia. Bur.Min.Resour. Aust.Summ.Rep.12.

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1947 - Micro-Palaeontological Examination of No.1 Bore, Dimboola, Western Victoria. Appendix I. Underground Water Resources of Victoria. in C.S. Gloe. State Riv. & Water Sup. Com., pp.148-158.

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1948 - Foraminifera in Australian Stratigraphy. Inter.geol.Congr., 18th Sess. Gt. Brit. Pt. 15, 3-8.

1948 - Notes on the Bryozoa from Limestones at Lake Cowan and Norseman, Western Australia. Appendix I. in Tertiary Deposits near Norseman, Western Australia. by E. de C. Clarke, C. Teichert and J.R.H. McWhae. J.Roy.Soc.W.Aust., 32, (1945-46.)

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1950 - Some Tertiary Pelecypoda from Lakes Entrance Oil Shaft, Gippsland, Victoria. Proc.Roy.Soc.Vict., 60 n.s. 149-156.

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1953 - Lower Cretaceous Foraminifera from the Great Artesian Basin, Australia. Ibid., 4 (1), 26-35.

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1940 - Discussion on Possibilities of Heavy Mineral Correlation of some Permian Sedimentary Rocks, New South Wales, by Dorothy Carrol. Bull.Amer.Ass.Petrol.Geol. 24 (9), 1682-1683.

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