

3a.9.  
CAT

Bibliothek B. P. M.

NEW SOUTH WALES.

DEPARTMENT OF MINES.

GEOLOGICAL SURVEY.

J. E. CARNE, F.G.S., Government Geologist.

MINERAL RESOURCES.

No. 22.

BIBLIOGRAPHY  
OF  
AUSTRALIAN MINERALOGY.

BY

C. ANDERSON, M.A., D.Sc.,  
Mineralogist to the Australian Museum.

[BY PERMISSION OF THE TRUSTEES OF THE AUSTRALIAN MUSEUM.]

1916.

JOHN SINKANKAS  
5372 VAN NUYS COURT  
SAN DIEGO 9, CALIFORNIA



SYDNEY: WILLIAM APPLIGATE GULLICK, GOVERNMENT PRINTER

1916.

[2s. 6d.]

† 59851-a




98

★ OF GEMS & GEM-CUTTING ★

★ MINERALOGY · EMERALD · AND · OTHER · BERYLS · CATALOG ★

★ GEMSTONES · OF · NORTH · AMERICA · PROSPECTING · FOR · GEM ★



EX LIBRIS

JOHN SIN KAN KAS

★ MINERALS AND STONES AND ★

DE BATAAFSCHE PETROLEUM MAATSCHAPPIJ  
BIBLIOTHEEK V

Plaatsnummer

3 A 9

Indexnummer

016: 549 (94)

VERWIJDERD UIT BIBLIOTHEEK  
BATAAFSE INTERNATIONALE  
PETROLEUM MAATSCHAPPIJ N.V.

JOHN SINKANKAS  
5372 VAN NUYS COURT  
SAN DIEGO 9, CALIFORNIA

R2019717

NEW SOUTH WALES.

DEPARTMENT OF MINES.

GEOLOGICAL SURVEY.

J. E. CARNE, F.G.S., Government Geologist.

MINERAL RESOURCES.

No. 22.

BIBLIOGRAPHY  
OF  
AUSTRALIAN MINERALOGY.

BY

C. ANDERSON, M.A., D.Sc.,  
Mineralogist to the Australian Museum.

[BY PERMISSION OF THE TRUSTEES OF THE AUSTRALIAN MUSEUM.]

1916.



SYDNEY: WILLIAM APPELEGATE GULLICK, GOVERNMENT PRINTER.

1916.

[2s. 6d.]

BPM



199

## LETTER OF TRANSMITTAL.

To all workers employed in scientific investigation a bibliography of the subject of their studies is essential, and this work—"Bibliography of Australian Mineralogy"—which has been compiled by Dr. C. Anderson, M.A., Mineralogist to the Australian Museum, will prove to be of the greatest service to Australian geologists, and to those interested in that subject.

The work has been prepared with the greatest care, the works quoted have been thoroughly analysed, and copious indices dealing with localities and subjects have been added.

The work will form a most valuable addition to the "Mineral Resources" series.

I have the honor to be,

Sir,

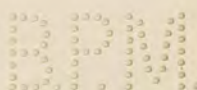
Your obedient servant,

JOSEPH E. CARNE,

Government Geologist,

7th June, 1916.

The Acting Under-Secretary for Mines.





## CONTENTS.

Introduction, p. 5.

List of Papers, p. 7.

Australia generally: Subject Index, p. 59.

New South Wales: Subject Index, p. 60; Locality Index, p. 75.

Victoria: Subject Index, p. 86; Locality Index, p. 95.

Queensland: Subject Index, p. 102; Locality Index, p. 110.

South Australia: Subject Index, p. 116; Locality Index, p. 123.

Western Australia: Subject Index, p. 129; Locality Index, p. 138.

Tasmania: Subject Index, p. 145; Locality Index, p. 156.

Northern Territory: Subject Index, p. 163; Locality Index, p. 164.

M99

# Bibliography of Australian Mineralogy.

By C. ANDERSON, M.A., D.Sc. (Edin.), Mineralogist,  
Australian Museum.

## INTRODUCTION.

AUSTRALIAN minerals, especially those found in the older States, have been investigated by workers in many lands, and the results must be sought widely scattered through the pages of various journals. To facilitate the search is the object of this Paper, which aims at being a Guide to the work published up to about the end of 1915; the large number of interpolations is mainly due to delay in publication caused by the outbreak of war, which has also rendered inaccessible certain European publications issued since August, 1914. A bibliography should enable one to obtain the maximum of information in the minimum of time; hence many trivial references, which would scarcely repay turning up, have been omitted. As is natural and proper economic mineralogy absorbs much of the energies of Australian Government Departments and private workers, and a huge mass of valuable data bearing on the mineral resources of the Commonwealth has been accumulated, but purely economic papers have not been included in the Bibliography; at the same time it is difficult in a subject like mineralogy to draw a hard and fast line between the economic and the scientific. Rock-forming minerals, except when they are of unusual interest, have not been referred to; it is scarcely worth while to enumerate the occurrence of common forms of common minerals.

The Bibliography is in three parts, the order in each being alphabetical: (1) an Author List, the papers numbered consecutively; (2) A Subject Index, the minerals being classified by States, and reference made to the Author List by number. The Subject Index is preceded by a short list of general works and papers; these are not always fully indexed as they should be in the hands of everyone interested in the subject. (3) A Locality Index follows the Subject Index for each State; where an author has dealt with a mineral locality in a comprehensive manner the paper in question is referred to by its number in the Author List.

In some cases there may be a doubt whether a mineral referred to in a paper has been correctly identified; if there is good reason to believe that the identification is erroneous a question mark has been added. Mineralogy is an exact science, and it is to be hoped that in future those who write on our minerals will give some measurement, chemical, morphological, or physical, in support of their identifications when the mineral concerned is not one of the commonest species; comparatively few minerals can be determined at sight.

In the Locality Index the information given in the subject Index is sometimes expanded slightly, and numerous cross references are given. For example, if a mineral is recorded from "Paradise Creek, Emmaville," both these names are entered in the list of localities and credited with the occurrence. One difficulty met with in compiling a list of mineral occurrences is that a locality which was well known in the early mining days may now



be abandoned, or may be known under a different name. Again, in a new country like Australia, it is often necessary to christen a new mining field, and to assign names to its creeks, gullies, and hills; in this task we have disclosed a sad lack of originality, and certain favoured names are used again and again to the confusion of the uninitiated. I have endeavoured to verify localities as far as possible, but now and then I have been unsuccessful, and have been forced to content myself with calling attention to the vagueness of a name by enclosing it in inverted commas. It is a common experience to find a mineral locality variously referred to as "30 miles from A," "40 miles from B," "north-west of C."; A, B, and C may all be in the same district, but it is sometimes difficult or impossible to say whether there is one occurrence of the mineral or three different occurrences. A case in point may be cited from South Australia. Wulfenite is recorded from "Mount Lyndhurst," "Leigh Creek," "Avondale Mine"; all these are in the Leigh Creek District, and there may be but one spot in which the mineral (by no means a common one) is found.

A number of the papers included in the Author List are not obtainable in Australian libraries, but during a recent visit to Europe I took the opportunity of looking them up, so there are very few cases (possibly 2 per cent.) where I have not been able to consult the original work. As it was necessary to glance through many publications which yielded nothing of value, the labour of compiling this bibliography has been considerable, and has occupied much of the time I could spare from official duties during the last ten years. While I cannot hope that there are no mistakes and sins of omission and commission, and realise that my fellow-workers in other States are much better qualified to deal with the mineralogy of their own States than I am, I trust that this Bibliography will be of some value to my colleagues, and will at least form a useful foundation on which future workers may build.

In conclusion, I desire to express my gratitude to the following, who have given me cordial and valuable assistance:—Messrs. G. W. Card, A.R.S.M., Sydney; B. Dunstan, Brisbane; E. S. Simpson, B.E., Perth; W. H. Twelvetrees, Launceston; R. H. Walcott, Melbourne; L. K. Ward, B.A., B.E., Adelaide. To my former assistant, Mr. M. Aourousseau, B.Sc., my colleague Mr. W. W. Thorpe, and to Mr. W. T. Watkin Brown, I am indebted for valued assistance with the clerical labour. I have been much aided by the excellent work and lists of papers published from time to time by Mr. R. Etheridge, Curator, Dr. R. L. Jack, and Mr. W. S. Dun, to whom all Australian geologists are under a deep debt of gratitude.

The following publications, dated 1915, reached me too late for incorporation in this Bibliography; there are, no doubt, others.

HILLS (L.)

The Zinc-lead Sulphide Deposits of the Read-Rosebery District.  
*Bull. Geol. Surv. Tas.*, 23, 1915.

JENSEN (H. I.)

Report on the Geology of the Country between Pine Creek and Tanami.  
*Bull. North. Terr.*, 14, 1915, pp. 1-19.

TWELVETREES (W. H.)

Reconnaissance of Country between Recherche Bay and New River,  
Southern Tasmania. *Bull. Geol. Surv. Tas.*, 24, 1915.

WINTERS (R. J.)

Geological Observations on the Country between Pine Creek and  
Newcastle Waters. *Bull. North. Terr.*, 14, 1915, pp. 32-41.

M99

gemstone arts. placed on index cards, as marked,  
June 1968

LIST OF PAPERS.

ALGER (F.)

1. Notice of Minerals from New Holland. *Amer. Journ. Sci.*, xxxix, 1840, pp. 157-164; *Boston Journ. Nat. Hist.*, iii, 1840-1, pp. 306-317.

AMERICAN MUSEUM JOURNAL.

- 1A. [Opal, White Cliffs, N. S. Wales, (coloured photo.)] *Amer. Mus. Journ.*, vii, 1907, pp. 112-113.

ANDERSON (C.)

2. On some Specimens of Chiastolite from Bimbowrie, S. Australia. *Rec. Austr. Mus.*, iv, 1902, pp. 298-302.
3. On a Mineral allied to Montmorillonite from Exeter, N. S. Wales. *Ibid.*, v, 1903, pp. 67-68.
4. An Association of Natrolite and Datolite at Pokolbin, N. S. Wales. *Ibid.*, v, 1904, pp. 127-130.
5. The Occurrence of Monazite *in situ* at Blatherarm Creek, near Deepwater, N. S. Wales. *Ibid.*, pp. 258-263.
6. Mineralogical Notes: No. i. *Ibid.*, pp. 296-305.

ANDERSON (C.) and JEVONS (H. S.)

7. Opal Pseudomorphs from White Cliffs, N. S. Wales. *Ibid.*, vi, 1905, pp. 31-36.

ANDERSON (C.)

8. Mineralogical Notes: No. ii. *Ibid.*, pp. 83-97.
9. " No. iii. *Ibid.*, vi, 1906, pp. 133-144.
10. " No. iv. *Ibid.*, vi, 1907, pp. 265-270.
11. " No. v. *Ibid.*, pp. 404-422.
12. " No. vi. *Ibid.*, vii, 1908, pp. 60-68.
13. " No. vii. *Ibid.*, pp. 129-133; *Zeits. Kryst.*, xlvii, 1910, pp. 209-214.
14. " No. viii. *Rec. Austr. Mus.*, vii, 1909, pp. 274-282.
15. " No. ix. *Ibid.*, viii, 1910, pp. 120-129.

ANDERSON (W.)

16. Report on Bismuth Ores at Ben Lomond near Glenore. *Ann. Rept. Dept. Mines N. S. Wales*, 1889 (1890), p. 231.
  17. Notes on the Occurrence of Opal in New South Wales. *Rec. Geol. Surv. N. S. Wales*, iii, 1892, pp. 29-32.
- [See DAVID (T. W. E.), 205, 209, 213.]

ANDREWS (E. C.)

18. Report on the Hillgrove Gold-field. *Dept. Mines N. S. Wales, Mineral Resources*, No. 8, 1900.
19. Report on the Yalwal Gold-field. *Ibid.*, No. 9, 1901.
20. Note on the Occurrence of Graphite at Wilson's Downfall. *Ann. Rept. Dept. Mines N. S. Wales*, 1901 (1902), p. 170.
21. The Geology of the New England Plateau, with Special Reference to the Granites of Northern New England. *Rec. Geol. Surv. N. S. Wales*, viii, 1905, pp. 108-152.
22. Molybdenum. *Dept. Mines N. S. Wales, Mineral Resc* No. 11, 1906.



- ANDREWS (E. C.) and MINGAYE (J. C. H.)  
 23. The Geology of the New England Plateau with Special Reference to the Granites of New England: Part iv. *Rec. Geol. Surv. N. S. Wales*, viii, 1907, pp. 196-238.
- ANDREWS (E. C.)  
 24. The Geology of the New England Plateau with Special Reference to the Granites of Northern New England: Part v. *Ibid.*, pp. 239-251.  
 25. Report on the Drake Gold and Copper Field. *Dept. Mines N. S. Wales, Mineral Resources*, No. 12, 1908.  
 25A. Report on the Cobar Copper and Gold-field: Part i. *Ibid.*, No. 17, 1913.  
 25B. The Canbelego, Budgery, and Budgerygar Mines: Part ii of the Cobar Copper and Gold-field. *Ibid.*, No. 18, 1915.
- APLIN (C. D'O. H.). [See SELWYN (A. R. C.)]
- ARZRUNI (A.)  
 26. [Nephrite, Tasmania.] *Zeits. Kryst.*, x, 1885, p. 662.
- ATKINSON (J. A.)  
 27. A Locality List of all the Minerals hitherto recorded from Victoria. *Procs. Roy. Soc. Vict.*, ix, 1896 (1897), pp. 68-119.
- ATKINSON (L.)  
 28. A Report to the New South Wales Government upon its Diamonds. *Ann. Rept. Dept. Mines N. S. Wales*, 1886 (1887), p. 46.
- AUTENRIETH (W.)  
 29. Ueber das Vorkommen von Jod im Cuprit und Malachit. *Chem. Zeit.*, xxiii, 1899, Nr. 61, pp. 626-627.
- BEAL (L. O.)  
 30. Diamonds in the Gwydir Valley. *Austr. Min. Stand.*, xiii, 1897, pp. 1576, 1652.
- BALL (L. C.)  
 31. On the Jordan Creek Gold-field. *Geol. Surv. Q'land, Publication* No. 157, 1901.  
 32. On the Hamilton and Coen Gold-field. *Ibid.*, No. 163, 1901.  
 33. On the Stanton-Harcourt Diggings and the Mount Shamrock Mine. *Ibid.*, No. 168, 1901.  
 34. On the Mount Biggenden Gold and Bismuth Mine and Paradise Gold-field. *Ibid.*, No. 173, 1902.  
 35. On Yorkey's Gold-field and the Marodian Gold and Copper Field. *Ibid.*, No. 179, 1902.  
 36. Gold, Platinum and Monazite in the Beach Sands on the South Coast, Queensland, &c. *Ibid.*, No. 198, 1905.  
 37. Cloncurry Copper-mining District: Part 1. *Ibid.*, No. 215, 1908.  
 38. Cloncurry Copper-mining District: Part 2. *Ibid.*, No. 215, 1908.  
 39. Field Notes on the Mount Flora Gold and Mineral Field. *Ibid.*, No. 228, 1910.  
 40. Some Mineral Fields in the Hinterland of Mackay, &c. *Ibid.*, No. 229, 1910.  
 41. Certain Mines and Mineral Fields in North Queensland. *Ibid.*, No. 222, 1910.  
 42. The Burketown Mineral Field. *Ibid.*, No. 232, 1911.  
 42A. Notes on the Mineral Localities of the Etheridge Gold and Mineral Field. *Ann. Rept. Under-Secy. Mines Q'land*, 1913 (1914), pp. 230-231.

- 42B. The Einasleigh Freehold Copper Mine, North Queensland. *Geol. Surv. Q'land, Publication No. 246*, 1914.
- 42C. The Etheridge Mineral Field. *Ibid.*, No. 245, 1915.
- 42D. The Wolfram, Molybdenite, and Bismuth Mines of Bamford, North Queensland. *Ibid.*, No. 248, 1915.
- 42E. The Wolfram Mines of Mount Carbine, North Queensland. *Ibid.*, No. 251, 1915.
- BARAGWANATH (W., Junr.)
43. The Walhalla or Thomson River Copper Mine. *Bull. Geol. Surv. Vict.*, 20, 1906.
- BARTLEY (N.)
44. The first Discovery of Gold in Queensland. *Procs. Roy. Soc. Q'land*, iv, 1887, pp. 114-118.
45. Gold Occurrences in Queensland. *Ibid.*, pp. 124-128.
- BASEDOW (H.)
46. Catalogue of Minerals in the Technological Museum of the South Australian School of Mines and Industries. (Adelaide, Govt. Printer, 1907).
47. [Reports by.] In *Review of Mining Operations in the State of South Australia during the Half-year ended 31st Dec., 1910 (Id., 1911)*, No. 13.
- [See BROWN (H. Y. L.)]
- BAUER (M.)
48. [Chabazite=Herschellite=Seebachite, Richmond, Victoria.] *Zeits. deuts. geol. Ges.*, xxiv, 1872, p. 391; *Ibid.*, xxv, 1873, pp. 351-353; *Neues Jahrb. Min.*, 1874, pp. 522-524.
- BAYLY (P. G. W.)
49. [Report by.] In *Ann. Rept. Secy. Mines Vict.*, 1906 (1907), p. 63.
- BECK (R.)
50. Beiträge zur Kenntniss von Broken Hill. *Zeits. prakt. Geol.*, 1899, pp. 65-71; *Rec. Geol. Surv. N. S. Wales*, vii, 1907, pp. 20-28.
- BECKER (G. F.)
- 50A. Geology of the Quicksilver Deposits of the Pacific Slope. *Monogr. U. S. Geol. Surv.*, xiii, 1888.
- BECKER (L.)
51. On native zinc embedded in basalt. *Trans. Phil. Soc. Vict.*, i, 1856, pp. 156-158.
52. [Victorian Minerals.] *Neues Jahrb. Min.*, 1857, pp. 312-315.
53. [Native zinc, Mitta Mitta River, Victoria.] *Ibid.*, pp. 698-699, 701.
- BENSON (W. N.)
54. The Geology of Newbridge, near Bathurst, N. S. Wales. *Procs. Linn. Soc. N. S. Wales*, xxxii, 1907, pp. 523-523.
55. The Volcanic Necks of Hornsby and Dundas, near Sydney. *Journ. Roy. Soc. N. S. Wales*, xlv, 1910, pp. 495-555.
- 55A. The Geology and Petrology of the Great Serpentine Belt of New South Wales: Part ii. The Geology of the Nundle District. *Procs. Linn. Soc. N. S. Wales*, xxxviii, 1913, pp. 569-596.
- 55B. Ditto, Part iii. Petrography. *Ibid.*, pp. 662-724.
- 55C. Petrological Notes on various New South Wales Rocks. *Ibid.* xxxix, 1914, p. 453.



- 55D. The Geology and Petrology of the Great Serpentine Belt of New South Wales: Part v. The Geology of the Tamworth District. *Ibid.*, xl, 1915, pp. 540-624.
- BERGE (J. S.), BROWNLESS (J. H.) and RINGROSE (R. C.)
56. List of Minerals, Walsh and Tinaroo Mining District, N. Queensland. *Procs. Roy. Soc. Q'land*, xv, 1899 (1900), pp. 47-69.
- BERGEAT (A.)
57. An Stelzner's Ansicht von der systematischen Zugehörigkeit der Granat-Bleiglanzlagerstätten von Broken Hill. *Zeits. prakt. Geol.*, 1897, pp. 314-316.
- BEYSCHLAG (F.) and KRUSCH (P.)
58. Die Goldgänge von Donnybrook in West Australien. *Ibid.*, 1900, pp. 169-174.
- BIRKMYRE (W.)
59. A Tabular Record showing generally the Date of Discovery in Victoria and other Countries of the Most Remarkable Specimens of Native Gold, &c. *Intercol. Exhibition*, 1861, Melbourne, pp. 193-209; in Brough Smyth's "*The Gold-fields and Mineral Districts of Victoria*" pp. 361-371 (Melbourne, 1869).
- BLAKE (G. S.) [See CROOK (T.)]
- BLANDOWSKI (W.)
60. On the Primary Upheaval of the Land round Melbourne, and the Recent Origin of the Gypsum, &c. *Trans. Phil. Soc. Vict.*, i, 1855, pp. 228-234.
61. On Extensive Infusoria Deposits in the Mallee Scrub, near Swan Hill on the Lower Murray in Victoria. *Ibid.*, ii, 1857, pp. 141-146.
- BLATCHFORD (T.)
62. The Geology of the Coolgardie Gold-field. *Bull. Geol. Surv. W. Austr.*, 3, 1899.
63. [Report by.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1899 (1900), pp. 21-47.
- BLATCHFORD (T.) and JUTSON (J. T.)
- 63A. The Mining Geology of the Kanowna Main Reef Line, Kanowna, North-east Coolgardie Gold-field. *Bull. Geol. Surv. W. Austr.*, 47, 1912.
- BLATCHFORD (T.)
- 63B. Mineral Resources of the North-west Division (Pilbara Gold-field). *Ibid.*, 52, 1912.
- 63C. Geological Investigation in the Area embracing the Burbanks and Londonderry Mining Centres. *Ibid.*, 53, 1913.
- 63D. The King's Sound Tin Mine. *Ibid.*, 53, 1913, pp. 232-239.
- BLEASDALE (J. J.)
64. On Precious Stones. *Trans. Roy. Soc. Vict.*, vi, 1863 (1865), pp. 98-104.
65. A Report on the Results of an Exhibition of Gems, &c. *Ibid.*, vii, 1866, pp. 64-92.
66. Gems and Sapphires. *Ibid.*, pp. 147-149.
67. On Gems and Precious Stones found in Victoria. *Intercol. Exhibition Essays*, 1866-1867 (1867) [pp. 237-248 of Official Record].
68. On Rubellite—Red Tourmaline—found at Tarrangower, Victoria. *Trans. Roy. Soc. Vict.*, viii, 1868, pp. 225-227.
69. On Colonial Gems. *Ibid.*, ix, 1869, pp. 72-75.
70. On Some Aspects of Mineralogy (*Ballarat Star Office*, Ballarat, 1874).

- 71. Victorian Gems and Precious Stones. *Philadelphia Centennial Exhibition, 1876* (Melbourne, 1875), *Catalogue of Exhibits, Vict. Dept.*, pp. 71-75.
- BLUM (R.)
72. Die Pseudomorphosen des Mineral-Reichs, Nachtrag 3, p. 13 (Erlangen, 1863); Nachtrag 4, p. 8 (Heidelberg, 1879).
- BODEWIG (C.)
- 73. Nephrit aus Tasmanien. *Zeits. Kryst.* x, 1885, pp. 86-87, 662.
74. Ueber den Wassergehalt von Zeolithe. *Ibid.*, pp. 276-278.
- BOWLES (O.)
- 74A. Crystal forms of Pyromorphite. *Amer. Journ. Sci.*, xxxii, 1911, pp. 114-116.
- BRAUNS (R.)
- 75. Zirkon aus Tasmanien. *Centralbl. Min.*, 1905, pp. 483-485.
- 76. Saphir aus Australien. Ungewöhnlich grosser Krystall von Saphir und Rubin. *Ibid.*, pp. 588-592.
- 77. Sapphir von Ceylon und von Australien. *Neues Jahrb. Min.*, i, 1906, pp. 41-51.
- 77A. [Australian Sapphire]. *Ibid.*, , 1909, pp. 17-19.
- BROKEN HILL, GEOLOGICAL SUB-COMMITTEE OF THE LATE SCIENTIFIC SOCIETY OF,—
- 77AA. Geology of the Broken Hill Lode. *Trans. Austr. Inst. Min. Engin.*, xv, 1911, part 1, pp. 161-236.
- BROGGER (W. C.) [See KJERULF (T.)]
- BROUGHTON (A. C.)
- 77B. Notes on Some Occurrences of Silica near Mount Painter, Flinders Ranges. *Trans. Roy. Soc. S. Austr.*, xxxvi, 1912, pp. 173-177.
- BROWN (A. S.)
78. Cerium in New South Wales. *Austr. Min. Stand.*, xiv, 1898, pp. 3152-3153.
79. Uranium. *Ibid.*, p. 3360.
80. Chistolite, Bimbowrie, S. Australia. *Ibid.*, xx, 1901, p. 44.
- BROWN (H. Y. L.)
81. Report on Plumbago Mine, near Undercliff Station. *Ann. Rept. Dept. Mines N. S. Wales*, 1882 (1883), p. 149.
82. Record of the Mines of South Australia, 2nd Edit. (Adelaide, Govt. Printer, 1890.)
83. Report of Geological Examination in the Neighbourhood of Alice Springs, 1890. (*Id.*, 1890.)
84. Catalogue of South Australian Minerals, with the Mines and other Localities where found, etc. (*Id.*, 1893.)
85. Reports on Arltunga Gold Field and Hart's Range Mica Field, &c. (*Id.*, 1897.)
86. Record of the Mines of South Australia, 3rd Edit. (*Id.*, 1899.)
87. Report on the Phosphate Discoveries, Hundred of Clinton, Yorke Peninsula. *Ann. Rept. School of Mines and Ind. S. Austr.*, 1901 (1902), pp. 231-233.
88. A Short Review of Mining Operations in South Australia during 1903. (Adelaide, Govt. Printer, 1904.)
89. Ditto, during the half-year ended June 30, 1904. (*Id.*, 1904.)
90. A Review of Mining Operations in the State of South Australia during the Half-year ended December 31, 1904. (*Id.*, 1905.)



- BROWN (H. Y. L.) and BASEDOW (H.)  
 91. Reports (Geological and General) resulting from the Explorations made by the Government Geologist and Staff during 1905. (*Id.*, 1906).
- BROWN (H. Y. L.)  
 92. Reports on Recent Mineral Discoveries and Further Records of Northern Territory Boring Operations. (*Id.*, 1908.)  
 93. Record of the Mines of South Australia, 4th Edit. (*Id.*, 1908.)  
 94. Reports forming Addenda to the Record of Mines. *Review of Mining Operations in the State of South Australia* during the Half-year ended December 31, 1908, No. 9. (*Id.*, 1908.)  
 95. Notes on the Rock Phosphate Deposits of South Australia. *Rept. Austr. Assoc. Adv. Sci.*, xii, 1909 (1910), pp. 239-244.
- BROWNE (W. R.)  
 95A. The Geology of the Cooma District, New South Wales: Part I. *Journ. Roy. Soc. N. S. Wales*, xlviii, 1914, pp. 172-222.
- BROWNLESS (J. H.) [See BERGE (J. S.)]
- BRUCE (J. A.)  
 95B. The Copper Ores of South Australia. *Min. Journ.*, xxxi, 1861, p. 333.
- BURR (T.)  
 96. Remarks on the Geology and Mineralogy of South Australia (Adelaide, 1846).
- CALELL (J. A.)  
 97. Analysis of Atacamite from South Australia. *Chem. News*, xxviii, 1873, p. 271.
- CALB (G.) [See JANNASCH (P.)]
- CALVERT (—)  
 98. [Diamond, Mt. Kingston, S. Australia]. *Fide* G. F. Kunz, 16th *Ann. Rept. U.S. Geol. Surv.—Min. Resources*, part iv, 1894 (1895), p. 597.
- CAMERON (W. E.)  
 99. Wolfram and Molybdenite Mining in Queensland. *Geol. Surv. Q'land, Publication*, No. 188, 1903.  
 100. [Report by.] *Ann. Rept. Under-Secy. for Mines Q'land*, 1910 (1911), pp. 186-190.  
 101. Olivines in the Toowoomba Basalt. *Rec. Geol. Surv. Q'land*, No. 3. *Publication* No. 235, 1911, pp. 44-46.
- CAMPBELL (W. D.)  
 102. Geology and Mineral Resources of the Norseman District, Dundas Goldfield, W. Australia. *Bull. Geol. Surv. W. Austr.*, 21, 1906.  
 103. The Phosphatic Deposits near Dandaraga. *Ibid.*, 26, 1907, pp. 14-23.  
 104. The Irwin River Coalfield, &c. *Ibid.*, 38, 1910.
- CARD (G. W.)  
 105. On a Sand from Bingera. *Rec. Geol. Surv. N. S. Wales*, iii, 1893, pp. 111-115.  
 106. Mineralogical and Petrological Notes: No. 1. *Ibid.*, pp. 124-128.  
 107. On Celestine from the Neighbourhood of Bourke. *Ibid.*, p. 201.  
 108. Mineralogical and Petrological Notes: No. 2. *Ibid.*, iv, 1894, pp. 19-21.  
 109. On Fuller's Earth from Wingen. *Ibid.*, pp. 30-32.

110. Mineralogical Notes: No. 3. *Ibid.*, iv, 1895, pp. 130-134.  
 111. On Blue Dolomite in Lode Quartz. *Ibid.*, pp. 140-141.  
 112. Mineralogical and Petrological Notes: No. 4. *Ibid.*, v, 1896, pp. 6-14.  
 113. Ottrelite-phyllite from near Wattle Flat. *Ibid.*, pp. 31-33.  
 114. The Occurrence of Copper at the Dottswood Mine, Queensland. *Ibid.*, pp. 39-41.  
 115. Mineralogical and Petrological Notes: No. 5. *Ibid.*, pp. 66-67.  
 116. Do do No. 6. *Ibid.*, pp. 121-123.
- CARD (G. W.) and DUN (W. S.)  
 117. Diatomaceous Deposits of New South Wales. *Ibid.*, pp. 128-148.
- CARD (G. W.)  
 118. Notes on the Country Rock of the Kalgoorlie Gold-field, &c. *Ibid.*, vi, 1898, pp. 17-42.  
 119. Handbook to the Mining and Geological Museum, Sydney. (Govt. Printer, Sydney, 1902.)  
 120. An Eclogite-bearing Breccia from the Bingera Diamond Field. *Rec. Geol. Surv. N. S. Wales*, vii, 1902, pp. 29-39.  
 121. Nepheline-basalt from the Capertee Valley. *Ibid.*, pp. 40-43.  
 122. Mineralogical and Petrological Notes, No: 7. *Ibid.*, pp. 43-46.
- CARD (G. W.), MINGAYE (J. C. H.), and WHITE (H. P.)  
 123. Analcite Basalt from near Sydney. *Ibid.*, pp. 93-101.
- CARD (G. W.)  
 124. Mineralogical Notes: No. 8. *Ibid.*, vii, 1903, pp. 217-219.  
 125. On the occurrence of Nepheline in Post-Triassic Basalts of the Hawkesbury Area. *Ibid.*, pp. 236-238.  
 127. Mineralogical and Petrographical Notes: No. 9. *Ibid.*, viii, 1905, pp. 153-156.  
 128. Ditto: No. 10. *Ibid.*, viii, 1907, pp. 257-261.  
 129. Mineralogical Notes: No. 11. *Ibid.*, viii, 1909, pp. 271-275.  
 [See JAQUET (J. B.)]
- CARNE (J. E.)  
 130. Notes on the Mineral Resources of New South Wales as Represented at the Melbourne Centennial International Exhibition of 1888. *Rec. Geol. Surv. N. S. Wales*, i, 1889, pp. 33-114.  
 131. [Report by.] *Ann. Rept. Dept. Mines N. S. Wales*, 1892 (1893), pp. 145-147.  
 132. Notes on the Chrome Iron Ore Deposits near Coolac. *Ibid.*, 1892 (1893), pp. 153-159.  
 133. Report on a Magnesite Deposit near Eurongilly. *Ibid.*, 1894 (1895), pp. 126-127.  
 134. Further Report on the Chrome Deposits of the Gundagai and Tumut Districts. *Ibid.*, 1895 (1896), pp. 125-128.  
 135. Report on a Deposit of Cinnabar near Lionsville. *Ibid.*, 1895 (1896), pp. 141-144; *Ibid.*, 1899 (1900), pp. 175-177.  
 136. Report on the Auriferous Beach Sands of the Esk River and Jerusalem Creek, Pa. Esk, Co. Richmond. *Ibid.*, 1895 (1896), pp. 149-160.  
 137. Notes on Chromic Iron Ore, its Modes of Occurrence, Mining, &c., with a Register of New South Wales Localities. *Ibid.*, 1897 (1898), pp. 143-150; *Dept. Mines N. S. Wales, Mineral Resources*, No. 1, 1898.



138. Notes on the Occurrence of Tungsten Ores in New South Wales, with a Register of Localities. *Ann. Rept. Dept. Mines N. S. Wales*, 1897 (1898), pp. 168-171; *Dept. Mines N. S. Wales, Mineral Resources*, No. 2, 1898.
139. The Copper-Mining Industry and the Distribution of Copper Ores in New South Wales. *Dept. Mines N. S. Wales, Mineral Resources*, No. 6, 1899.
140. Mercury or "Quicksilver" in New South Wales. *Ibid.*, No. 7, 1900.
141. The Kerosene Shale Deposits of New South Wales. *Geol. Surv. N. S. Wales, Memoirs, Geol.*, No. 3, 1903.
142. [Ægirine-nepheline Rocks from the Barigan District.] *Proc. Linn. Soc. N. S. Wales*, xxviii, 1903, p. 313.
143. The Copper-Mining Industry and the Distribution of Copper Ores in New South Wales, 2nd Edit. *Dept. Mines N. S. Wales, Mineral Resources*, No. 6, 1908.
144. The Geology and Mineral Resources of the Western Coalfield. *Geol. Surv. N. S. Wales, Memoirs, Geol.*, No. 6, 1908.
145. The Tungsten-Mining Industry in New South Wales. *Dept. Mines N. S. Wales, Mineral Resources*, No. 15, 1912.
146. The Tin-Mining Industry, and the Distribution of Tin Ores in New South Wales. *Ibid.*, No. 14, 1911.
- 146A. The Antimony-Mining Industry and the Distribution of Antimony Ores in New South Wales. *Ibid.*, No. 16, 1912.
- 146B. Phosphate Deposits in Limestone Caverns in New South Wales. *Ann. Rept. Dept. Mines N. S. Wales*, 1914 (1915), pp. 191-194.
- CARNOT (A.)
147. Sur les Tellures d'Or et d'Argent de la Region de Kalgoorlie (Australie Occidentale). *Compt. Rend.*, exxxii, 1901, pp. 1298-1302; *Bull. Soc. fr. Min.*, xxiv, 1910, pp. 357-367; *Ann. des Mines*, xix, 1901, pp. 530-540 (Trans. E. S. Simpson, *Bull. Geol. Surv. W. Austr.*, 42, 1912, pp. 185-190).
- CESÀRO (G.)
148. Contribution a l'Etude de quelques Minéraux. *Bull. de l'Acad. Roy. Belgique*, 1905, pp. 130-143.
- CHEWINGS (C.)
149. Beiträge zur Kenntniss der Geologie von Süd- und Zentral Australien, &c. *Inaug. Diss.*, Heidelberg, 1894.
150. Rock Phosphates and other Mineral Fertilisers, their Origin, Value, and Sources of Supply. (Adelaide, Govt. Printer, 1903.)
- CHURCH (A. H.)
151. Note on the Zircons of Mudgee, New South Wales. *Chem. News*, xxiii, 1871, p. 78.
152. Notes on the Specific Gravity of Precious Stones. *Geol. Mag.*, ii, 1875, pp. 320-323.
- CLARK (D.)
153. Minerals of Eastern Gippsland. *Rept. Austr. Assoc. Adv. Sci.*, iv, 1892 (1893), pp. 285-289.
154. Tasmanian Mining and Metallurgy. *Austr. Min. Stand.*, xxix, 1903, pp. 398-400, 496, 628.
- CLARKE (A. W.)
155. Catalogue of the Minerals Exhibited in the Queensland Court, Colonial and Indian Exhibition of 1886. *Official Record*, pp. 152.

156. On the Mineral Scolecite occurring in Granite, Charters Towers. *Procs. Roy. Soc. Q'land*, iv, 1887, pp. 109-110, 112-113.
157. Note on the Occurrence of Triclinic Felspars in the Granite of Charters Towers. *Ibid.*, pp. 131-132.
158. Annual Report of the Northern Lecturer for 1887. *Ann. Rept. Dept. Mines Q'land*, 1887 (1888), pp. 117-120.
159. Petrographical Notes on Specimens from Queensland and adjacent Colonies. In Jack and Etheridge's *Geology and Palæontology of Queensland and New Guinea*, pp. 699-736. (Brisbane, Govt. Printer; London, Dulau & Co., 1892.)
- CLARKE (F. W.)
160. Mineral Analyses from the Laboratory of the U. S. Geological Survey. *Bull. U. S. Geol. Surv.*, 220, 1903.
- CLARKE (W. B.)
161. [Native Lead, Peel River, N. S. Wales.] *Papers relative to Geol. Surveys*, 7 May, 1853, p. 4. (Sydney, 1853.)
162. On the Ores of Mercury. *Sydney Mag. Sci. and Art*, ii, 1859, pp. 157-161, 170-173.
163. Researches in the Southern Gold-fields of New South Wales. (Sydney, 1860.)
164. Anniversary Address, delivered May 12, 1869. *Trans. Roy. Soc. N. S. Wales*, 1869 (1870), pp. 1-22.
165. Anniversary Address, delivered May 25, 1870. *Ibid.*, 1870 (1871), pp. 1-48.
166. Anniversary Address, "On the Natural History of the Diamond," delivered May 22, 1872. *Ibid.*, 1872, pp. 1-66.
167. Anniversary Address, delivered June 25, 1873. *Ibid.*, 1873 (1874), pp. 1-39.
- CLOTTEN (F. E.)
168. Die Zinn und Wolfram Vorkommnisse von Nord-Queensland. *Tscherm. min. u. petr. Mitth.*, xxiv, 1905, pp. 137-139.
- CLOUD (T. C.)
169. Note on Atacamite. *Chem. News*, xxxiv, 1873, p. 254.
170. Mineralogical Notes from the Laboratory of the Wallaroo Smelting Works. *Procs. Roy. Soc. S. Austr.*, iv, 1880-1 (1882), pp. 50-56.
171. A Catalogue of South Australian Minerals. *Ibid.*, vi, 1882-3 (1883), pp. 72-93.
- COHEN (Miss F.)
172. Notes on Azurite Crystals from Broken Hill. *Journ. Roy. Soc. N. S. Wales*, xlv, 1910, pp. 577-583.
- CONDER (H.)
173. Wolfram Deposits of New England. *Min. Journ.*, lxxviii, 1905, pp. 170-171.
- 173A. [Osmiridium, Waratah, Tasmania]. *Prog. Min. Indust. Tas.* for quarter ending 31 Mar., 1913, pp. 12-14.
- CONNAH (F. E.)
174. Chillagoe Garnet Rock. *Procs. Roy. Soc. Q'land*, xxii, 1909, pp. 31-34.
- COOK (C. W.). [See KRAUS (E. H.)]
- COOKE (W. M.)
175. [Alum Deposit at Bulladelah.] *Ann. Rept. Dept. Mines N. S. Wales*, 1890 (1891), p. 114.
- COOKE (W. T.). [See RENNIE (E. H.)]



## COOKSEY (T.)

- 176. Some Suggestions regarding the Formation of Enhydros or Water Stones. *Rec. Austr. Mus.*, ii, 1895, pp. 92-94.
- 177. Mineralogical Notes—Precious Opal from White Cliffs, N. S. Wales. *Ibid.*, ii, 1896, p. 111.
178. Ankerite from Sandhurst, Victoria. *Ibid.*, pp. 63-65.

## COPLAND (M.)

179. The Monazite Deposit at Pinch Swamp Creek, Bonang District, Co. Croajingalong, Victoria. *Bull. Geol. Surv. Vict.*, 16, 1905.

## CORNU (F.)

- 179A. Ueber den Lasaulx Versuch, Dichroismus durch Druck (Piezopleochroismus) an den Silberhaloiden betreffend. *Centralbl. Min.*, 1908, pp. 393-395.

## COTTON (L. A.)

180. Metasomatic Processes in a Cassiterite Vein from New England. *Procs. Linn. Soc. N. S. Wales*, xxxiv, 1909, pp. 220-232.
- 180A. [Diamonds, Copeton, Inverell, N. S. Wales.] *Ibid.*, p. 417.
181. The Tin Deposits of New England, N. S. Wales: Part I. The Elsmore-Tingha District. *Ibid.*, 1909 (1910), pp. 733-781.
182. The Ore Deposits of Borah Creek, New England District, N. S. Wales. *Ibid.*, xxxv, 1910, pp. 496-520.
- 182A. The Diamond Deposits of Copeton, New South Wales. *Ibid.*, xxxix, 1914 (1915), pp. 803-838.

[See SMITH (Miss C. D.)]

## COUCHMAN (T.)

183. Mineral Statistics of Victoria for 1875 (1876).
184. Do do for 1876 (1877).
185. Do do for 1877 (1878).
186. Do do for 1880 (1880-1).

## COX (S. H.)

187. Tin Deposits of New South Wales. *Journ. Roy. Soc. N. S. Wales*, xx, 1886 (1887), pp. 93-112.

## CROOK (T.) and BLAKE (G. S.)

188. Carnotite and an associated Mineral Complex from South Australia. *Min. Mag.*, xv, 1910, pp. 271-284.

## CROOKES (Sir W.)

189. The Action of Radium Emanation on Diamonds. *Procs. Roy. Soc. Lond.*, lxxiv, 1904, pp. 47-49; *Nature*, lxx, 1904, pp. 209-210.

## CUMMING (A. C.)

190. Coorongite, a South Australian Elaterite. *Procs. Roy. Soc. Vict.*, xv, 1903, pp. 134-140.

## CURRAN (J. M.)

191. Note on a Leucite Basalt from Central New South Wales. *Procs. Linn. Soc. N. S. Wales*, ii, 1887 (1888), pp. 974-975; *Journ. Roy. Soc. N. S. Wales*, xxv, 1891, pp. 210-211.
- 192A. Contribution to the Microscopic Structure of some Australian Rocks. *Journ. Roy. Soc. N. S. Wales*, xxv, 1891, pp. 179-233.
193. Geological Laboratory Notes: No. 1. *Ibid.*, xxix, 1895 (1896), pp. 404-405.
194. On the occurrence of Precious Stones in New South Wales and the Deposits in which they are found. *Ibid.*, xxx, 1897, pp. 214-285.

[See KNIBBS (G. H.)]

## DAINTREE (R.)

195. Notes on the Geology of the Colony of Queensland. *Quart. Journ. Geol. Soc.*, xxviii, 1872, pp. 271-316.  
 196. Note on certain Modes of Occurrence of Gold in Australia. *Ibid.*, xxxiv, 1878, pp. 431-438.

## DANA (E. S.)

197. Morphologische Studien über Atakamit. *Tscherm. min. u. petr. Mitth.*, 1874, pp. 103-108; *Amer. Journ. Sci.*, viii, 1874, p. 69.  
 198. A Crystallographic Study of the Thinolite of Lake Lahontan. *Bull. U. S. Geol. Surv.*, 12, 1884.

## DANA (J. D.)

199. United States Exploring Expedition under the Command of Charles Wilkes, U.S.N., Vol. x. Geology, p. 481. (Philadelphia, 1849.)

## DAVID (T. W. E.)

200. On the Occurrence of Chialstolite in a Stone Hatchet from Strathbogie, near Vegetable Creek. *Procs. Linn. Soc. N. S. Wales*, ii, 1887 (1888), p. 1084.  
 201. Geology of the Vegetable Creek Tin-mining Field, New England District, N. S. Wales. *Geol. Surv. N. S. Wales, Memoirs, Geol.*, No. 1, 1887.  
 202. Report on the Occurrence of the recently discovered Cobalt Ore at Carcoar. *Ann. Rept. Dept. Mines N. S. Wales*, 1888 (1889), pp. 175-176.  
 203. Cupriferosus Tuffs of the Passage Beds between the Triassic Hawkesbury Series and the Permo-Carboniferous Coal Measures of N. S. Wales. *Rept. Austr. Assoc. Adv. Sci.*, i, 1888 (1889), pp. 275-290.  
 204. Description of the Physical Characters of the Telluric-bismuth ores from Norongo, Captain's Flat, N. S. Wales. *Rec. Geol. Surv. N. S. Wales*, i, 1889, pp. 29-30.

## DAVID (T. W. E.) and ANDERSON (W.)

205. The Leucite-Basalts of New South Wales. *Rec. Geol. Surv. N. S. Wales*, i, 1889, pp. 153-172.

## DAVID (T. W. E.)

206. Report on the Deposits of Chromite at Gordonbrook, near Copmanhurst, N. S. Wales. *Ann. Rept. Dept. Mines N. S. Wales*, 1891 (1892), pp. 218-220.  
 207. Report on the Discovery of Emeralds in the Vegetable Creek District. *Ibid.*, pp. 229-234.  
 208. Report on the Discovery of Cinnabar at Bingera. *Ibid.*, pp. 234-239.

## DAVID (T. W. E.) and ANDERSON (W.)

209. Notes on a collection of Rocks and Minerals from Mount Morgan, Queensland, &c. *Rec. Geol. Surv. N. S. Wales*, ii, 1891, pp. 85-93.

## DAVID (T. W. E.)

210. Note on the Occurrence of the Mineral Spheue (Titanite) in the Granite from the Waterworks Tunnel, Bathurst. *Procs. Linn. Soc. N. S. Wales*, viii, 1893, pp. 44, 126.

## DAVID (T. W. E.), SMEETH (W. F.), and WATT (J. A.)

211. Preliminary Note on the Occurrence of a Chromite-bearing Rock in the Basalt at the Pennant Hills Quarry, near Parramatta. *Journ. Roy. Soc. N. S. Wales*, xxvii, 1893 (1894), pp. 401-406.



## DAVID (T. W. E.)

212. Note on the Occurrence of a Calcareous Sandstone allied to Fontainebleau Sandstone, at Rock Lily, near Narrabeen. *Journ. Roy. Soc. N. S. Wales*, xxvii, 1893 (1894), p. 406.
213. Note on the Occurrence of Barytes at Five Dock and Pennant Hills, near Parramatta, &c. *Ibid.*, p. 407.
214. [Beekite, Yass, N. S. Wales.] *Procs. Linn. Soc. N. S. Wales*, ix, 1894 (1895), p. 467.
215. Note on the Occurrence of Diatomaceous Earth at the Warrumbungle Mountains, N. S. Wales. *Ibid.*, xxi, 1896, pp. 261-268.
216. [Thinolite, Jervis Bay, N. S. Wales.] *Rec. Geol. Surv. N. S. Wales*, viii, 1905, p. 77.

## DAVID (T. W. E.), TAYLOR (T. G.), WOOLNOUGH (W. G.), and FOXALL (H. G.)

217. Occurrence of the Pseudomorph Glendonite in New South Wales. *Ibid.*, pp. 161-179.

## DAVID (T. W. E.)

218. An Occurrence of Diamond in Matrix at Oakey Creek, near Inverell, New South Wales. *Rept. Brit. Assoc. Adv. Sci.*, 1906 (1907), pp. 562-563.
219. Occurrence of Diamond in Matrix at Pike and O'Donnell's Claim, Oakey Creek, near Inverell, New South Wales. *Congrès géol. internat. Compt. Rend.*, x, 1906 (1907), pp. 1201-1210.
220. The Geology of the Hunter River Coal Measures, New South Wales. *Geol. Surv. N. S. Wales, Memoirs, Geol.*, No. 4, 1907.

## DAVIES (T.) and ETHERIDGE (R., junr.)

221. Report on New South Wales Diamonds. *Ann. Rept. Dept. Mines N. S. Wales*, 1886 (1887), pp. 42-45.

## DAVIS (B. F.)

222. Occurrence of Gadolinite in West Australia. *Journ. Roy. Soc. N. S. Wales*, xxxvii, 1902, pp. 286-289.

## DAVISON (S.)

223. The Discovery and Geognosy of Gold Deposits in Australia, &c. (London, 1860.)
224. The Gold Deposits in Australia: their Discovery, Development, and Geognosy. [2nd Edit. of preceding.] (London, 1861.)

## DEBENHAM (F.)

225. Notes on the Geology of King Island, Bass Straits. *Journ. Roy. Soc. N. S. Wales*, xlv, 1910, pp. 560-576.

## DEBRAY (H.). [See DEVILLE (H. STE. C.)]

## DELESSE (A.)

226. Sur le Gisement et sur l'Exploitation de l'Or en Australie. *Ann. des Mines*, iii, 1853, pp. 185-212.

## DENISON (Sir W. T.)

227. On the Relative Value of Native Gold from the different Countries whence it is brought to Market in the Colonies. *Procs. Roy. Soc. Van Dieman's Land*, ii, 1853, pp. 201-224.

## DENNANT (J.)

228. On the Tertiary and Post-Tertiary Geology of South-Western Victoria. *Rept. Austr. Assoc. Adv. Sci.*, ii, 1890, pp. 441-452.
229. Further Notes on the Igneous Rock of South-Western Victoria. *Procs. Roy. Soc. Vict.*, xiv, 1901, pp. 10-16.

## DES CLOISEAUX (A.)

230. Caractères optiques de la Newberyite. *Bull. Soc. fr. Min.*, ii, 1880, p. 82.
231. Nouvelles Recherches sur l'Écartement des Axes optiques, l'Orientalion de leur Plan et de leurs Bissectrices et leurs divers genres de Dispersion dans l'Albite et l'Oligoclase. *Ibid.*, vi, 1883, pp. 89-121.
232. Note sur les Caractères de la Christianite et de la Phillipsite. *Ibid.*, pp. 305-311.
233. Oligoclases et Andesine. *Ibid.*, vii, 1884, pp. 249-336.

## DES MAISONS (P. A. P.)

234. Les Gisements aurifères en Australie. (Paris, 1885.)

## DEVILLE (H. STE. C.) and DEBRAY (H.)

235. [Australian Platinum and Osmiridium.] *Ann. Chem. et Phys.*, lvi, 1859, pp. 449, 481; *Amer. Journ. Sci.*, xxix, 1860, pp. 379, 373.

## DES VIS (C. W.)

236. [Cerargyrite, Silverfield, near Herberton, Queensland.] *Procs. Roy. Soc. Q'land*, ii, 1885 (1886), p. 34.

## DIESELDORFF (A.)

237. [Chalcocite and Embolite, Ediacara Mine, S. Australia.] In Hintze's *Handbuch der Mineralogie*, vol. i, p. 533.
238. [Rutile, S. Australia.] *Ibid.*, vol. i, p. 1613.
239. On New South Wales Copper Ores containing Iodine. *Journ. Roy. Soc. N. S. Wales*, xxxiii, 1899, pp. 160-162; *Zeits. prakt. Geol.*, 1899, pp. 321-322.
240. Neue Tellurgoldvorkommnisse in Süd-Australien, *Zeits. prakt. Geol.*, 1899, p. 423; *Centralbl. Min.*, 1900, pp. 98-100.
241. [Sulvanite, S. Australia.] *Zeits. prakt. Geol.*, 1901, p. 421; *Zeits. d. deuts. geol. Ges.*, liii, 1901, p. 43.
242. Zur Melonit-Frage. *Centralbl. Min.*, 1901, pp. 168-170.
243. Tiefe Gold-Seifen Australiens, speziell der Berry-Loddon-Moorlort-Gruppe. *Erzbergbau, Frankfort on Main*, iii, 1907, pp. 292-297.

## DIXON (R.)

- 243A. Index (No. 1) to Names of Places, Mines, Reefs, &c., occurring in Geological Survey Reports, Queensland, Nos. 1-134. *Geol. Surv. Q'land, Publication No. 135*, 1901.
- 243B. Ditto, No. 2 [to Publications No. 136-177]. *Ibid.*, No. 178, 1902.
- 243C. Index (No. 3.) to Publications No. 177-196. *Ibid.*, No. 197, 1905.
- 243D. Index (No. 4) to Publications No. 198-213. *Ibid.*, No. 214, 1908.
- 243E. Index (No. 5) to Publications No. 215-226. *Ibid.*, No. 227, 1914.

## DIXON (W. A.)

244. On a White Earthy Mineral from the Head of the Manilla River, N. S. Wales. *Journ. Roy. Soc. N. S. Wales*, x, 1876 (1877), pp. 290-291.
245. [Platinum, Richmond River, N. S. Wales.] *Ann. Rept. Dept. Mines N. S. Wales*, 1878 (1879), p. 43.
246. [Pinite, Hanging Rock, Nundle, N. S. Wales.] *Ibid.*, p. 49.
247. [Natural Sulphate, Bungonia, N. S. Wales.] *Ibid.*, p. 49.
248. [Mineral supposed to be Meerschau near Tamworth, N. S. Wales.] *Ibid.*, 1880 (1881), p. 59.
249. [Monazite, Vegetable Creek, N. S. Wales.] *Ibid.*, 1880 (1881), p. 26.



## DOHERTY (W. M.)

250. Manganese Nodules from Onybyambah. *Rept. Austr. Assoc. Adv. Sci.*, vii, 1898 (1899), p. 339.

## DUFFIELD (T.)

251. A Review of Mining Operations in the State of South Australia for the Year ended June 30, 1905. (Adelaide, Govt. Printer, 1905.)  
 252. Ditto, during the Year ended June 30, 1906. (*Id.*, 1906.)  
 253. Ditto, during the Year ended June 30, 1907. (*Id.*, 1907.)  
 254. Ditto, during the Half-year ended December 31, 1909: No. 11. (*Id.*, 1910.)  
 255. Ditto, during the Half-year ended June 30, 1910: No. 12. (*Id.*, 1910.)  
 256. Ditto, during the Half-year ended December 31, 1910: No. 13. (*Id.*, 1911.)  
 257. Ditto, during the Half-year ended June 30, 1911: No. 14. (*Id.*, 1912.)

## DUN (W. S.)

258. A Locality Index to the Reports of the Geological Survey of New South Wales from 1875 to 1892 inclusive. *Rec. Geol. Surv. N. S. Wales*, iii, 1893, pp. 154-194.  
 259. Bibliography of the Geology, &c., of the Barrier Ranges District. In *Geol. Surv. N. S. Wales, Memoirs, Geol.*, No. 5, 1894, pp. 142-149.  
 260. Contribution to a List of Papers and Reports, dealing with the Economic Geology of New South Wales. *Rec. Geol. Surv. N. S. Wales*, vi, 1900, pp. 183-357.  
 261. [Glendonite, Gerringong, N. S. Wales.] *Procs. Linn. Soc. N. S. Wales*, xxxiii, 1908 (1909), p. 798.  
 [See CARD (G. W.); ETHERIDGE (R., junr.).]

## DUNN (E. J.)

262. Notes on the Rocks and Minerals of the Ovens District. *Repts. Min. Surv. and Registr. Vict.*, No. 26, March 31, 1871, pp. 41-47.  
 263. Notes on the Occurrence of Enhydros or Water Stones at Beechworth, Victoria. *Trans. Roy. Soc. Vict.*, x, 1871 (1874), pp. 32-35.  
 264. Wolfram at Mt. Murphy, Buckwong River, County Benambra. *Rec. Geol. Surv. Vict.*, ii, 1907, pp. 120-121.  
 265. Geological Notes on the Mitta Mitta River, North-East District. *Ibid.*, pp. 122-123.  
 265A. The Chiltern Valley Gold Mine, No. 2 Shaft, and the Golden Bar Mine, Chiltern. *Ibid.*, iii, 1, 1909, pp. 56-59.  
 265B. The Serpentine Area, Wellington River, Gippsland. *Ibid.* pp. 65-68.  
 265C. Tin Ore at Koeting and Cudgewa. *Ibid.*, pp. 90-97.  
 265D. List of Nuggets found in Victoria. *Geol. Surv. Vic., Memoirs*, No. 12, 1912.  
 266. Report of Director Geol. Surv. Victoria. In *Ann. Rept. Secy. Mines Vict.*, 1907 (1908), pp. 57-66.  
 267. The Edi Turquoise Field, King River, Victoria. *Rec. Geol. Surv. Vict.*, ii, 1908, pp. 170-174.  
 268. Report of Director Geol. Surv. Victoria. In *Ann. Rept. Secy. Mines Vict.*, 1908 (1909), pp. 54-67.  
 268A. The Woolshed Valley, Beechworth. *Bull. Geol. Surv. Vict.*, 25, 1913.

- 268B. Wolfram Deposits near Marysville. *Rec. Geol. Surv. Vict.*, iii, 3, 1914, pp. 259-260.

## DUNSTAN (B.)

269. The Geology of Collaroy and Carmilla, near Broad Sound. *Geol. Surv. Q'land, Publication No. 141*, 1898.
270. [Report of.] *Ibid.*, No. 143, 1899 (*Progress Rept. Geol. Surv.* for 1896-1898), pp. 14-16.
271. [Ditto.] *Ibid.*, No. 150, 1900 (*Id.*, 1899), pp. 12-15.
272. Geology of the Dawson and Mackenzie Rivers, with special Reference to the Occurrence of Anthracitic Coal. *Ibid.*, No. 155, 1901.
273. [Report of.] *Ibid.*, No. 159, 1901 (*Progress Rept. Geol. Surv.* for 1900), pp. 15-23.
274. The Sapphire Fields of Unakie. *Ibid.*, No. 172, 1902.
275. [Report of.] *Ibid.*, No. 175, 1902 (*Progress Rept. Geol. Surv.* for 1901), pp. 8-13.
276. [Ditto.] *Ann. Rept. Under-Secy. Mines Q'land*, 1902 (1903), pp. 166-174.
277. [Ditto.] *Ibid.*, 1903 (1904), pp. 171-175.
278. [Mineralogical Notes.] In *Geol. Surv. Q'land, Publication No. 190*, 1904 (Records No. 1).
280. Moonmera (near Mount Morgan), its Minerals and Copper Mines. *Ibid.*, No. 195, 1904.
281. [Report of.] *Ann. Rept. Under-Secy. Mines Q'land*, 1904 (1905), pp. 147-152.
282. [Mineral Notes.] In *Geol. Surv. Q'land, Publication No. 196*, 1905 (Records No. 2).
283. Graphite in Queensland, with Special Reference to the Mount Bopple Graphite Deposits. *Ibid.*, No. 203, 1906.
284. The Great Fitzroy Copper and Gold Mine, &c. *Ibid.*, No. 216, 1907.
- 284A. [Report of Government Geologist.] In *Ann. Rept. Under-Secy. Mines Q'land*, 1908 (1909), pp. 167-168.
285. [Ditto.] *Ibid.*, 1911 (1912), pp. 194-207.
- 285A. Queensland Mineral Index and Guide. *Geol. Surv. Q'land, Publication No. 241*, 1913.

## EAKLE (A. S.)

286. Topaz Crystals in the Mineral Collection of the U. S. National Museum. *Pröcs. U. S. Nat. Mus.*, xxi, 1898, pp. 361-369.

## EAST (J. J.)

287. [Report of the Curator.] In *Ann. Rept. School of Mines and Inds. S. Austr.*, 1891 (1892), pp. 117-130.
288. A New Mineral from the Greenbushes Tinfield, West Australia. *Austr. Min. Stand.*, ix, 1893, p. 234.
289. On Stibio-tantalite, a New Mineral from the Stanniferous Gravel at Greenbushes, Bunbury, West Australia. *Trans. Austr. Inst. Min. Engin.*, i, 1894, pp. 139-142.

## EBERHARD (G.)

290. Über die weite Verbreitung des Skandiums auf der Erde: II. *Sitz. d. k. preuss. Akad. Wiss. Berlin*, xxii, 1910, pp. 404-426.

## EDLINGER (W.)

291. Einige Bemerkungen über die Zinnerz-lagerstätten des Herberton-Distrikt in Queensland. *Zeits. prakt. Geol.*, xvi, 1908, pp. 275-279, 340-344.



- EDWARDS (G. H.)  
292. [Phillipsite, Bass Strait.] In 1st Appendix to Dana's *System of Mineralogy*, 6th Edit., p. 53 (New York, 1899).
- EISFELDER (G.)  
293. Der Silber-, Blei- und Zinkerzbergbau von Broken Hill, Neu-Süd-Wales. *Berg. u. Hutten. Ztg.*, lvii, 1898, pp. 465-466, 475-477, 495-496; *Ibid.*, lviii, 1899, pp. 205-207, 229-231, 253-255, 277-278, 301-302, 325-327.
- EMELJANOV (A.)  
294. Le Gisement d'Or de Donnybrook, Australie Occidentale. *Věst. Zolotopromys Tomsk*, 1901, pp. 149-151.
- ENGELHARDT (B. G.)  
295. Notes on the Occurrence of Stilbite in the Eruptive Rocks of Jamberoo, N. S. Wales. *Procs. Linn. Soc. N. S. Wales*, vi, 1891, pp. 5-7.
- ETHERIDGE (R., junr.) and JACK (R. LOGAN)  
296. Catalogue of Works, Papers, Reports, &c., on the Geology, Palæontology, Mineralogy, &c., of the Australian Continent and Tasmania. In *Min. Prod. N. S. Wales, Dept. Mines*, 1882.
- ETHERIDGE (R., junr.)  
297. The Occurrence of Beekite in Connection with Fossil Organic Remains in New South Wales. *Rec. Austr. Mus.*, ii, 1893, pp. 74-76.  
298. Opal replacing *Cimoliosaurus*. *Ibid.*, iii, 1897, pp. 19-29.  
299. A Second Sauropterygian converted into Precious Opal, from the Upper Cretaceous of White Cliffs, New South Wales. *Ibid.*, v, 1904, pp. 306-316.
- ETHERIDGE (R., junr.) and DUN (W. S.)  
300. The Australian Geological Record, 1891-1897, *Rec. Geol. Surv. N. S. Wales*, iii, 1892, pp. 86-109, 132-153; *Ibid.*, iv, 1894, pp. 68-99; *Ibid.*, 1895, pp. 168-198; *Ibid.*, v, 1897, pp. 87-111; *Ibid.*, 1898, pp. 183-203; *Ibid.*, vi, 1899, pp. 118-150.  
[See DAVIES (T.), JACK (R. LOGAN), SELWYN (A. R. C.)]
- FARQUHARSON (R. A.)  
301. [Report of.] In *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1911 (1912), pp. 10-11.  
301A. Petrological Contributions to the Geology of Western Australia. *Bull. Geol. Surv., W. Austr.*, 43, 1912.  
301B. [Report of.] In *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1914 (1915), p. 37.  
[See FELDTMANN (F. R.), SAINT-SMITH (E. C.)]
- FELDTMANN (F. R.) and FARQUHARSON (R. A.)  
301C. Contribution to the Study of the Geology and Ore Deposits of Kalgoorlie, East Coolgardie Gold-field. *Bull. Geol. Surv. W. Austr.*, 51, 1913.
- FELDTMANN (F. R.)  
301D. [Cassiterite, Greenbushes, W. Australia]. *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1914 (1915), p. 25.
- FIRCKS (W. v.)  
302. Die Zinnerz-lagerstätten des Mount Bischoff in Tasmanien. *Zeits. d. deuts. geol. Ges.*, li, 1899, pp. 431-464.
- FISHER (Miss L.)  
303. Queensland Gems. *Steele Rudd's Magazine* (Brisbane, 1906).

## FOORD (G.)

304. On the Occurrence of the Diamond and Chloro-bromide of Silver amongst the Gold Ores of Australia. *Chem. News*, vi, 1862, p. 14.
305. Notes on Enhydros found at Beechworth. *Trans. Roy. Soc. Vict.*, x, 1870-2 (1874), pp. 71-76.
306. On a Specimen of Native Copper found recently at Footscray, near Melbourne. *Ibid.*, pp. 131-135.

## FORD (W. E.). [See PENFIELD (S. L.)]

## FOULLON (H. v.)

317. Über Zinnerz und gediegen Wismuth. *Verh. d. k. k. geol. Reichs.*, 1884, p. 144.

## FOXALL (H. G.)

308. The Occurrence of Isolated Augite Crystals . . . . at Gerrin-gong, N. S. Wales. *Journ. Roy. Soc. N. S. Wales*, xxxviii, 1904, pp. 402-405.

[See DAVID (T. W. E.)]

## FRENZEL (A.)

309. [Sylvanite, Kalgoorlie, W. Australia.] *Tscherm. min. u. petr. Mitth.*, xvii, 1897, pp. 288-289.
310. [Gold, Kalgoorlie, W. Australia.] In Hintze's *Handbuch der Mineralogie*, vol. i, p. 278, f.n.
311. [Molybdenite, Wallaroo, S. Australia.] *Ibid.*, p. 416.

## FRIEDEL (C.)

312. Sur un Gisement de Diamants et de Saphirs d'Australie. *Bull. Soc. fr. Min.*, xi, 1888, p. 64.

## FRYAR (W.)

313. On the Mineral Resources of Kilkivan, Wide Bay, and on the recent discovery of Cobalt Ore in the District. *Procs. Roy. Soc. Q'land*, iii, 1886 (1887), pp. 129-136.

## GARRETT (J.)

314. On Asbestos in Serpentine from the base of the Asbestos Mountains, Tasmania. *Procs. Roy. Soc. Van Dieman's Land*, ii, 1852, p. 157.

## GARTRELL (H. W.)

315. The Port Victor Granite. *Trans. Roy. Soc. S. Austr.*, xxvii, 1903, pp. 256-260.

## GAZE (W. H.)

- 315A. [Minerals of the Shekelton Mine, N. W. Coast, Tasmania.] *Austr. Min. Stand.*, Oct. 8, 1896, pp. 1372-1373.

## GEE (L. C. E.)

316. Reports forming Addenda to the "Record of Mines" (4th edit., 1908). In *Review of Mining Operations in the State of South Australia* during the Half-year ended Dec. 31, 1908, No. 9 (Adelaide, Govt. Printer, 1909).
317. A Review of Mining in the State of South Australia during the Half-year ended Dec. 31, 1911, No. 15. (*Id.*, 1912.)
318. The Occurrence of Uranium (Radio-active) Ores and other Rare Metals and Minerals in the State of South Australia. [Contains Reports by H. Y. L. Brown, H. L. Hancock, D. Mawson, S. Radcliff, E. C. Johnson.] (*Id.*, 1911.)
- 318A. A Review of Mining Operations in the State of South Australia during the Half-year ended June 30, 1912, No. 16. (*Id.*, 1912.)



- 318B. Ditto, during the half-year ended June 30, 1913, No. 18. (*Id.*, 1913.)
- 318C. Ditto, during the half-year ended Dec. 31, 1913, No. 19. (*Id.*, 1914.)
- 318D. Ditto, during the half-year ended Dec. 31, 1914, No. 21. (*Id.*, 1915.)
- 318E. Ditto, during the half-year ended June 30, 1915, No. 22. (*Id.*, 1915.)
- GEINITZ (H. B.)
319. Vorkommen des Goldes in Australien. *Jahres Ber. d. ges. f. Natur- u. Heilkunde in Dresden*, 1858, p. 12; *Neues Jahrb. Min.*, 1859, p. 81.
- GENTH (F. A.)
320. Contributions to Mineralogy. *Procs. Amer. Phil. Soc.*, xxiii, 1886, pp. 30-47.
- GIBSON (C. G.)
321. The Geology and Mineral Resources of a part of the Murchison Goldfield. *Bull. Geol. Surv. W. Austr.*, 14, 1904.
322. Geology and Auriferous Deposits of Southern Cross, Yilgarn Goldfield. *Ibid.*, 17, 1904.
323. [Mineral Notes.] In *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1904 (1905), p. 21.
324. The Laverton, Burtville and Erlistoun Auriferous Belt, Mount Margaret Goldfield. *Bull. Geol. Surv. W. Austr.*, 24, 1906.
325. The Geology and Mineral Resources of Lawlers, Sir Samuel, and Darlot (E. Murchison Goldfield), &c. *Ibid.*, 28, 1907.
326. Report upon the Auriferous Deposits of Barrambi and Errolls, Cue. *Ibid.*, 34, 1908.
327. Geological Features of the Country lying along the Route of the proposed Transcontinental Railway in Western Australia. *Ibid.*, 37, 1909.
328. Reported Tin Find near Coolgardie. In *Ann. Prog. Rept. Geol. Surv. W. Australia*, 1909 (1910), p. 27.
329. Some Notes on the Principal Features of the Kalgoorlie Goldfield. *Ibid.*, 1910 (1911), pp. 21-29.
- [See SIMPSON (E. S.)]
- GILBERT (C. G.) and POGUE (J. E.)
- 329A. The Mount Lyell Copper District of Tasmania. *Procs. U.S. Nat. Mus.*, xlv, 1913, pp. 609-625.
- GILES (W. B.)
- 329B. [Australian Tantalite.] *Chem. News*, xcv, 1907, pp. 2, 37; xcix, 1909, p. 4.
- GIPPS (F. G. DE V.)
330. The White Cliffs Opal Fields, N. S. Wales. *Trans. Austr. Inst. Min. Engin.*, ii, 1894, pp. 70-80; *Eng. and Min. Journ.*, lix, 1895, pp. 437-438.
- GLAUERT (L.) [See SIMPSON (E. S.)]
- GMEHLING (A.)
331. Beitrag zur Kenntniss der west-australischen Goldfelder. *Oesterr. Zeits. Berg. u. Hüttenwesen*, xlvi, 1898, pp. 161-163.
- GODFREY (J. R.)
- 331A. Report upon the Ardlethan Tinfield. *Dept. Mines N. S. Wales, Mineral Resources*, No. 20, 1915.

## GOLDSMITH (E.)

332. Stibianite, a New Mineral. *Procs. Acad. Nat. Sci. Philad.*, 1878, p. 154.

## GOULD (C.)

- 332A. The Islands in Bass Straits. *Procs. Roy. Soc. Tas.*, 1871 (1872), pp. 57-67.  
 333. On Specimens of Rutile, Anatase and Brookite, found in Tasmania. *Ibid.*, 1873 (1874), p. 57.

## GOYDER (G. A.)

334. [Report Assay Department.] *Ann. Rept. School of Mines and Inds. S. Austr.*, 1892 (1893), pp. 146-195.  
 335. On a New Mineral, Stibio-tantalite. *Ibid.*, 1893 (1894), pp. 163-165; *Trans. Roy. Soc. S. Austr.*, xvii, 1892-3 (1893), pp. 127-128; *Journ. Chem. Soc.*, lxiii, 1893, p. 1076.  
 336. [Report Assay Department.] *Ann. Rept. School of Mines and Inds. S. Austr.*, 1893 (1894), p. 150.  
 337. [Ditto.] *Ibid.*, 1894 (1895), pp. 145-158.  
 338. [Ditto.] *Ibid.*, 1896 (1897), p. 165.  
 339. [Ditto.] *Ibid.*, 1898 (1899), p. 175.  
 340. [Ditto.] *Ibid.*, 1899 (1900), pp. 182-185.  
 341. Sulvanite, a New Mineral. *Trans. Roy. Soc. S. Austr.*, xxiv, 1900, pp. 69-70; *Journ. Chem. Soc.*, lxxvii, 1900, p. 1094.  
 342. [Report Assay Department.] *Ann. Rept. School of Mines and Inds. S. Austr.*, 1900 (1901), pp. 225-228.  
 343. [Ditto.] *Ibid.*, 1901 (1902), pp. 227-230.

## GRAY (G. J.)

344. The Radio-activity of Thorium. *Rept. Austr. Assoc. Adv. Sci.*, xi, 1907 (1908), pp. 359-365.  
 344A. Report on the Maranboy Tinfield. *Bull. North. Terr.*, No. 11, 1915, pp. 1-26.

## GRAYSON (H. J.) and MAHONY (D. J.)

345. The Geology of the Camperdown and Mount Elephant Districts. *Geol. Surv. Vict., Memoirs*, No. 9, 1910.

## GREGORY (A. C.)

346. Observations on the Occurrence of Gold at Mount Morgan, near Rockhampton, Queensland. *Procs. Roy. Soc. Q'land*, i, 1884, pp. 141-143.

## GREGORY (F.)

347. Minerals of South Australia. *Descriptive Cat. Products and Manufactures, W. Austr. Internat. Exhib.*, 1862, pp. 9-12.

## GREGORY (J. R.)

348. Minerals and Gems. *Colonial and Indian Exhib.*, London, 1886 (Perth, 1887).

## GREGORY (J. W.)

349. The Geology of Mount Macedon, Victoria. *Procs. Roy. Soc. Vict.*, xiv, 1901 (1902), pp. 185-217.  
 350. The Mount Lyell Mining Field, Tasmania. *Trans. Austr. Inst. Min. Engin.*, x, 1905, pp. 26-196.  
 351. A Contribution to the Bibliography of the Economic Geology of Victoria. *Rec. Geol. Surv. Vict.*, ii, 3, 1907.

## GREIG (W. A.). [See MINGAYE (J. C. H.)]



- GRIFFITHS (E. J.)  
 352. Note on Pucherite from Western Australia. *Journ. Roy. Soc. N. S. Wales*, xlii, 1908, pp. 251-252.
- GRIMSHAW (J. W.) [See KNIBBS (G. H.)]
- GRODDECK (A. v.)  
 353. Zur Kenntniss der Zinnerz-lagerstätten des Mount Bischoff, Tasmanien. *Zeits. d. deuts. geol. Ges.*, xxxvi, 1884, pp. 642-652; *Procs. Roy. Soc. Tas.*, 1885 (1886), pp. 388-394. [Trans. G. Thureau.]  
 354. Ditto. *Zeits. d. deuts. geol. Ges.*, xxxviii, 1886, pp. 370-375; *Procs. Roy. Soc. Tas.*, 1886 (1887), pp. 189-193. [Trans. E. Wolfhagen.]  
 354A. Dritter Beitrag zur Kenntniss der Zinnerz-lagerstätten des Mount Bischoff in Tasmanien. *Zeits. d. deuts. geol. Ges.*, xxxix, 1887, pp. 78-87.
- GROOM (F. F.)  
 355. [Diamond, Nullagine, W. Australia.] In *Ann. Rept. Dept. Mines W. Austr.*, 1895 (1896), p. 27.
- GROTH (P. v.)  
 356. Die Mineralien Sammlung der Kaiser Wilhelm's Universität, p. 233 (Strasburg, 1878).
- GÜRICH (G.)  
 357. Edel-opal und Opal-pseudomorphosen von White Cliffs, Australien. *Neues Jahrb. Min.*, 1901. Beil.-Bd. xiv, pp. 472-483.
- GURLT (—)  
 358. [Copper Ores, Burra Burra, S. Australia.] *Sitz. d. niederr. Ges. Bonn.*, Jahrg. xxxii, 1875, pp. 60-62.
- HABER (E.)  
 359. Die geschwefelten Erzvorkommen an der West Küste von Tasmanien. *Zeits. Berg- Hutten- u. Salinenwesen*, xlvi, 1900, pp. 432-458.
- HAHN (A.)  
 360. Mittheilungen aus dem mineralogischen Institut der Universität, Strasburg. *Zeits. Kryst.*, xxxi, 1893, pp. 334-338.
- HAIDINGER (W.)  
 361. Eine Eigenthümliche Zwillings-Krystallbildung am Kupfer. *Sitz. d. k. Akad. Wiss. Wien*, xlvi, abth. 2, 1863, p. 6.
- HALL (E.) and STOKES (H. G.)  
 362. Asbestos. *Procs. Roy. Soc. Q'land*, viii, 1892, pp. 114-121.
- HALL (E.)  
 363. Note on the Origin of Malachite. *Journ. Roy. Soc. N. S. Wales*, xxix, 1895 (1896), pp. 416-419; *Austr. Min. Stand.*, xi, 1895, p. 696.
- HALL (T. S.)  
 364. The Geology of Castlemaine . . . and a List of Minerals. *Procs. Roy. Soc. Vict.*, vii, 1894 (1895), pp. 55-88.
- HAMMOND (P. T.)  
 365. On a supposed Sulpho-carbonate of Lead from the Australian Broken Hill Consols Mine, Broken Hill, N.S. Wales. *Rec. Geol. Surv. N. S. Wales*, iv, 1895, pp. 163-166.
- HANNAY (J. B.)  
 366. On Youngite. *Min. Mag.*, ii, 1878, pp. 88-89.

## HARCUS (W.)

367. South Australia: Its History, Resources, and Productions [Mines and Minerals, pp. 206-216]. (Adelaide, Govt. Printer, 1876.)

## HARGRAVES (W. H.)

368. [Diamond, Reedy Creek, near Bathurst, N.S. Wales.] *Papers relative to Geological Surveys*, July 2, 1851, p. 69.

## HARKER (G.)

369. The Composition of New South Wales Topaz and Labradorite. *Journ. Roy. Soc. N.S. Wales*, xxxiii, 1899, pp. 193-203.

## HARPER (L. F.)

370. The Geology of the Gerringong District. *Rec. Geol. Surv. N. S. Wales*, viii, 1905, pp. 94-106.

## HART (T. S.)

371. Notes on some Mineral Specimens exhibited. *Vict. Nat.*, xvii, 1901, pp. 190-192.  
372. The Mineralogical Characters of Victorian Auriferous Conglomerates. *Procs. Roy. Soc. Vict.*, xviii, 1905, pp. 25-37.

## HARTUNG (E.) and RIVETT (A. C. D.)

- 372A. An Occurrence of Ammonium Chloride at Frankston. *Ibid.*, xxviii, 1, 1915, pp. 133-138.

## HAUER (F. v.)

373. Das Neu-entdeckte Gold-vorkommen in Australien. *Jahrb. d. k. k. geol. Reichsanst.*, iii, 1852, pp. 148-152.

## HEDDLE (M. F.)

374. On a New Face on Crystals of Stilbite from two Localities. *Min. Mag.*, iv, 1880, p. 44.

## HERSCH (—)

375. [Chabazite, Richmond, Victoria.] *Inaug. Diss.*, Zürich, 1887.

## HERMAN (H.)

- 375A. Notes on a Deposit of Diatomaceous Earth at Deep Creek, Glengower. *Rec. Geol. Surv. Vict.*, i, 1, 1902, pp. 42-44.  
375B. Economic Geology and Mineral Resources of Victoria. *Bull. Geol. Surv. Vict.*, No. 34, 1914.

## HEZNER (L.)

- 375C. Über ein neues chromhaltiges Magnesium-hydroxyd. *Centralbl. Min.*, 1912, p. 570; *Rec. Geol. Surv. Tas.*, No. 2, 1914, pp. 6-8. [Trans. W. H. Twelvetrees.]

## HICKIE (J. B.)

376. Opals and Opal Mining in Western Queensland. *Ann. Rept. Dept. Mines Q'land*, 1895, p. 54.

## HIGGIN (A. J.)

377. Notes on Melonite (Nickel Telluride), from Worturpa, S. Australia. *Trans. Roy. Soc. S. Austr.*, xxiii, 1899, pp. 211-212.

## HILLS (L.)

- 377A. The Preoleanna Coal Field and the Geology of the Wynyard District. *Bull. Geol. Surv. Tas.*, 13, 1913.  
377B. The Jukes-Darwin Mining Field. *Ibid.*, 16, 1914.  
377C. Geological Reconnaissance of the Country between Cape Sorell and Point Hibbs. *Ibid.*, 18, 1914.  
377D. The Zinc-lead Sulphide Deposits of the Read-Rosebery District. Part I. Mount Read Group. *Ibid.*, 19, 1915.



- HIMMELBAUER (A.)  
 377E. Mineralogische Notizen. *Tscherm. min. petr. Mitth.*, xxxii, 1913;  
*Rec. Geol. Surv. Tas.*, No. 2, 1914, pp. 9-10. [Trans. W. H.  
 Twelvetrees.]
- HINDE (G. J.)  
 378. Note on South Australian Chert. *Geol. Mag.*, viii, 1891, p. 115.
- HINTZE (C.)  
 379. Handbuch der Mineralogie (Leipzig, 1889—).
- HLAWATSCH (C.)  
 380. Ueber den Stolzit und ein Neues Mineral "Raspit" von Broken  
 Hill. *Ann. d. k. k. naturhist. Hofmus. Wien*, xii, 1897, pp.  
 33-41; *Zeits. Kryst.*, xxix, 1897, pp. 130-139; *Rec. Geol. Surv.*  
*N. S. Wales*, vi, 1898, pp. 51-61.  
 381. Krumme Flächen und Aetzerscheinungen am Stolzit: Element  
 Po des Raspit. *Zeits. Kryst.*, xxxi, 1899, pp. 1-10.  
 382. Krystall-messungen: 1. Neue Messungen am Raspit von Broken  
 Hill (N. S. Wales). *Ibid.*, xlii, 1907, pp. 587-590.
- HOGG (E. G.). [See WALLER (G. A.)]
- HOLROYD (A. G.)  
 383. Discovery of Telluride Ore, Kalgoorlie, W. Australia. *Austr. Min.*  
*Stand.*, xii, 1896, p. 1180.  
 384. The Discovery and Occurrence of Telluride of Gold upon the  
 Kalgoorlie Goldfield, East Coolgardie District, W. Australia.  
*Trans. Amer. Inst. Min. Engin.*, iv, 1897, pp. 186-194.
- HONMAN (C. S.)  
 384A. The Geology of the Country between Kalgoorlie and Coolgardie.  
*Bull. Geol. Surv. W. Austr.*, 56, 1914.
- HOOVER (H. C.)  
 385. The Superficial Alteration of Western Australian Ore Deposits.  
*Trans. Amer. Inst. Min. Engin.*, xxviii, 1933, pp. 758-765.
- HOWCHIN (W.)  
 386. Further Notes on the Geology of Kangaroo Island. *Trans. Roy.*  
*Soc. S. Austr.*, xxvii, 1903, pp. 75-90.  
 387. The Geology of the Mount Lofty Ranges, South Australia: Part  
 II. *Ibid.*, xxx, 1906, pp. 227-262.
- HOWITT (A. M.)  
 388. Report on the Edi-Myrrhee Turquoise Belt and the Chert and  
 Jasper Beds near Tatong, Co. Delatite. *Rec. Geol. Surv. Vict.*, i,  
 1906, pp. 234-241.  
 389. Notes on the Phosphate of Alumina Beds near Mansfield, Co.  
 Delatite. *Ibid.*, pp. 245-247.  
 390. Orthoclase Felspar and Cassiterite in the parish of Tallangalook,  
 Co. Delatite. *Ibid.*, ii, 1908, pp. 167-168.  
 391. Nuggets at the Poseidon "Rush" and at Ironbark Gully, near  
 Tarnagulla. *Ibid.*, iii, 1909, pp. 15-21.  
 391A. The Maryborough Gold-field. *Geol. Surv. Vict. Memoirs*, No. 11,  
 1913.
- HOWITT (A. W.)  
 392. The Diorites and Granites of Swift's Creek and their Contact Zones.  
*Trans. and Procs. Roy. Soc. Vict.*, xvi, 1880, pp. 11-88.  
 393. The Rocks of Noyang. *Ibid.*, xx, 1884, pp. 18-70.  
 394. The Sedimentary Metamorphic, and Igneous Rocks of Ensay.  
*Ibid.*, xxii, 1886, pp. 65-127.

395. Notes on certain Metamorphic and Plutonic Rocks at Omeo. *Ibid.*, xxiv, 1888, pp. 100-130.
396. Oligoclase of Mount Anakies, Victoria. *Rept. Austr. Ass. Adv. Sci.*, vii, 1898, p. 375.
397. Reports on the Rocks of the Mount William Goldfield. *Rec. Geol. Surv. Vict.*, i, 1912, pp. 38-41.

## HULL (E.)

398. A Treatise on the Building and Ornamental Stones of Great Britain and Foreign Countries (London, 1872).
399. Microscopic Structure of Noble Opal. *Quart. Journ. Geol. Soc.*, xvii, 1877, pp. 302-303.

## IMPERIAL INSTITUTE.

- 399A. [Monazitic Sand, Queensland.] *Bull.*, iii, 1915, pp. 233-236.

## JACK (R. LOCKHART.)

- 399B. The Silver Discovery on Section 5, Miltalie. *Review of Mining Operations in the State of S. Australia* for the Half-year ended Dec. 31, 1912, No. 17, pp. 34-38. (Adelaide, Govt. Printer, 1913.)
- 399C. The Geology of Portions of the Counties of Le Hunte, Robinson, and Dufferin, with Special Reference to Underground Water Supplies. *Bull. Geol. Surv. S. Austr.*, No. 1, 1912.
- 399D. The Mount Grainger Gold-field. *Rept. Geol. Surv. S. Austr.*, No. 2, 1913.
- 399E. The Geology of the County of Jervois and of Portions of the Counties of Buxton and York, with Special Reference to Underground Water Supplies. *Bull. Geol. Surv. S. Austr.*, No. 3, 1914.
- 399F. Alunite Discovery on Section 310, Hundred of Napperby. *Review of Min. Operations in the State of S. Australia* during the half-year ended Dec. 31, 1914, No. 21, pp. 25-27. (Adelaide, Govt. Printer, 1915.)
- 399G. The Geology and Prospects of the Region to the South of the Musgrave Ranges and the Geology of the Western Portion of the Great Australian Artesian Basin. *Bull. Geol. Surv. S. Austr.*, No. 5, 1915.

[See WARD (L. K.)]

## JACK (R. LOGAN.)

400. Report on the Bowen River Coalfield. *Geol. Surv. Q'land, Publication* No. 4, 1879.
401. Stanthorpe Tin-mining District. *Ibid.*, No. 12, 1882.
402. Mount Morgan, Queensland. *Ibid.*, No. 17, 1884.
403. Mount Morgan Gold Deposits. *Ibid.*, No. 47, 1889.
404. On the Sellheim Silver Mines and Surrounding Districts. *Ibid.*, No. 57, 1889.
405. On the Tin Mines near Cooktown. *Ibid.*, No. 66, 1891.
406. On the Chillagoe and Koorboora Mining Districts. *Ibid.*, No. 69, 1891.
407. Sapphire, Gold, and Silver Mines near Withersfield. *Ibid.*, No. 81, 1892.
408. Mount Morgan Gold Deposits (3rd Report). *Ibid.*, No. 83, 1892.

## JACK (R. LOGAN) and ETHERIDGE (R., JUNR.)

409. The Geology and Palæontology of Queensland and New Guinea. (Brisbane and London, 1892.)



## JACK (R. LOGAN).

410. Catalogue of the Exhibits of the Queensland Mining Court, Queensland Internat. Exhib., 1897. *Geol. Surv. Q'land, Publication No. 125 (Bull. No. 6)*, 1897.
411. On Mount Morgan, &c. *Ibid.*, No. 132, 1898.
412. Six Reports on the Geological Features of Part of the Districts to be traversed by the Transcontinental Railway. *Ibid.*, No. 136 (*Bull. No. 10*), 1898.
413. [Report of the Government Geologist.] *Ibid.*, No. 143, 1899 (*Prog. Rept. Geol. Surv. Q'land*, 1896-8 (1899), p. 6.)  
[See ETHERIDGE (R. JUNR.)]

## JACKSON (C. F. V.)

414. Some Mines and Mineral Deposits at the Heads of the Brisbane, Burnett, and Mary Rivers. *Geol. Surv. Q'land, Publication No. 169*, 1901.
415. The Opal-mining Industry and the Distribution of Opal-deposits in Queensland. *Ibid.*, No. 177, 1902.
416. Opal at Coolgardie. *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1904 (1905), pp. 19-21.
417. Notes on the Geology and Ore Deposits of Mulgabbie (North Coolgardie Goldfield). *Bull. Geol. Surv. W. Austr.*, 18, 1905.  
[See MAITLAND (A. G.)]

## JANNASCH (P.) and CALB (G.)

418. Ueber die Zusammensetzung des Turmalins. *Ber. d. deuts chem. Ges.*, xxii, 1889, p. 216.

## JAQUET (J. B.)

419. The White Cliffs Opal Field. *Ann. Rept. Dept. Mines N. S. Wales*, 1892 (1893), pp. 140-142.
420. Report on Occurrence of Platinum at Broken Hill. *Ibid.*, pp. 142-145.
421. Geology of the Broken Hill Lode and Barrier Ranges Mineral Field, New South Wales. *Geol. Surv. N. S. Wales, Memoirs, Geol.*, No. 5, 1894.
422. Report on the Occurrence of Platinum at Fifield. *Ann. Rept. Dept. Mines N. S. Wales*, 1895 (1896), pp. 181-183.
423. The Occurrence of Platinum in New South Wales. *Rec. Geol. Surv. N. S. Wales*, v, 1896, pp. 33-38.
424. Report on Cobalt Deposits at Port Macquarie. *Ann. Rept. Dept. Mines N. S. Wales*, 1897 (1898), pp. 177-180.
425. Notes upon the Occurrence of Gold in Volcanic Glass at Grassy Gully, Yalwal District. *Rec. Geol. Surv. N. S. Wales*, vii, 1900, pp. 17-19.

## JAQUET (J. B.), CARD (G. W.), and HARPER (L. F.)

426. The Geology of the Kiama-Jamberoo District. *Ibid.*, viii, 1905, pp. 1-66.

## JENKINS (H. C.)

427. [Analyses and Assays.] *Ann. Rept. Secy. Mines, Vict.*, 1901 (1902), pp. 33-40.
428. An Interesting Occurrence of Gold in Victoria. *Rept. Austr. Assoc. Adv. Sci.*, ix, 1902 (1903), pp. 308-309.
429. Rocks and Ore Occurrences at Bethanga and the Lower Mitta Mitta. *Procs. Roy. Soc. Vict.*, xvi, 1902 (1903), pp. 1-11.

## JENSEN (H. I.)

430. The Geology of the Glass House Mountains and District. *Procs. Linn. Soc. N. S. Wales*, xxviii, 1903, pp. 842-875.
431. Geology of the Volcanic Area of the East Moreton and Wide Bay Districts, Queensland. *Ibid.*, xxxi, 1906, pp. 73-173.
432. The Geology of the Warrumbungle Mountains. *Ibid.*, xxxii, 1907, pp. 557-626.
433. Note on a Glaucophanic Schist from the Conandale Range, Queensland. *Ibid.*, xxxii, 1908, pp. 701-705.
434. The Geology of the Nandewar Mountains. *Ibid.*, pp. 842-914.
435. The Alkaline Petrographical Province of Eastern Australia. *Ibid.*, xxxiii, 1908, pp. 589-602.
436. Note on a Cupriforous Porphyrite and Quartz Veins in the Nelligen District. *Journ. Roy. Soc. N. S. Wales*, xlii, 1908, pp. 56-59.
437. Notes on the Geology of the Mount Flinders and Fassifern Districts, Queensland. *Procs. Linn. Soc. N. S. Wales*, xxxiv, 1909, pp. 67-104.

## JENSEN (H. I.) and SÜSSMILCH (C. A.)

438. The Geology of the Canoblas Mountains. *Ibid.*, pp. 157-194.

## JENSEN (H. I.)

- 438A. Report of Department of Mines, 1913. *Rept. Administrator North. Terr. for 1913 (1914)*, pp. 57-69.
- 438B. Geological Report on the Darwin Mining District. *Bull. North. Terr.*, No. 10, 1914.

[See JEVONS (H. S.)]

## JEVONS (H. S.), JENSEN (H. I.), TAYLOR (T. G.), and SÜSSMILCH (C. A.)

439. The Geology and Petrography of the Prospect Intrusion. *Journ. Roy. Soc. N. S. Wales*, xlv, 1911, pp. 445-553.

## JEVONS (H. S.). [See ANDERSON (C.)]

## JEWELL (W. J.)

440. Tellurides at Etheridge, Queensland. *Austr. Min. Stand.*, xxx, 1903, pp. 381-382.

## JOHN (C. v.)

441. Ueber die chemische Zusammensetzung der Pyrope und einiger anderer Granaten. *Jahrb. d. k. k. geol. Reichsanst.*, xlii, 1892, p. 53.

## JOHNSTON (R. M.)

442. Notes on the Geology of the King River, together with a brief Account of the History of Gold Mining in Australasia. *Papers and Procs. Roy. Soc. Tas.*, 1886 (1887), pp. 210-231.
443. Systematic Account of the Geology of Tasmania (Hobart, 1888). [Tasmanian Minerals, pp. 356-358.]

## JONES (H.)

- 443A. Reports forming Addenda to the Record of Mines. *Review of Min. operations in the State of S. Austr.*, during the Half-year ended June 30, 1912, pp. 36-47. (Adelaide, Govt. Printer, 1912.)

## JONES (R. H.)

444. Asbestos and Asbestic (London, 1897).

## JUDD (J. W.)

445. On the Discovery of Leucite in Australia. *Min. Mag.*, vii, 1887, pp. 194-195.
446. On some Simple Massive Minerals (Crystalline Rocks) from India and Australia. *Ibid.*, xi, 1895, pp. 56-63.



## JUNNER (N. R.)

446A. Petrology and Mining Geology of the Country near Queenstown. *Procs. Roy. Soc. Vict.*, xxvii, 1, 1914., pp. 119-147.

446B. The Petrology of the Igneous Rocks near Healesville and Narbethong. *Ibid.*, pp. 261-285.

## JUTSON (J. T.)

446C. On the Occurrence of Rutile at Yulgering. *Bull. Geol. Surv. W. Aust.*, 48, 1912, pp. 174-180.

446D. The Mining Geology of Ora Banda, Broad Arrow Gold-field. *Ibid.*, 54, 1914.

446E. Geological Observations and Remarks on the Present State of Mining in the Districts of Mount Magnet, Lennonville, and Boogardie, Murchison Gold-field. *Ibid.*, 59, 1914, pp. 91-139.

[See BLATCHFORD (T.)]

## KAYSER (H. W. F.)

447. Mount Bischoff. *Rept. Austr. Assoc. Adv. Sci.*, iv, 1892 (1893), pp. 342-358.

## KEMP (J. F.)

448. The Geological Relations and Distribution of Platinum and Associated Minerals. *Bull. U.S. Geol. Surv.*, 193, 1902.

## KENNGOTT (A.)

449. [Chabazite, Richmond, Victoria.] *Nat. Ges. Zurich*, xvi, 1871, pp. 132, 262.

## KIRKLAND (J. B.)

450. Occurrence of Gallium and Iridium in a Blende from Peelwood, New South Wales. *Rept. Austr. Assoc. Adv. Sci.*, iv, 1892 (1893), pp. 266-267.

## KITSON (A. E.)

451. The Economic Minerals and Rocks of Victoria. *Special Report, Dept. Mines Vict.*, 1906. [From Victorian Year Book, 1905, Part IX, pp. 517-536.]

452. Report on the Diatomite Deposits and General Geology of the Portland District. *Rec. Geol. Surv. Vict.*, i, 4, 1906, pp. 251-256.

## KJERULF (T.) and BRÖGGER (W. C.)

453. Zinnstein-Vorkommen aus New South Wales. *Neues Jahrb. Min.*, 1879, pp. 566-567.

## KLEIN (C.)

454. [Atacamite, S. Australia.] *Neues Jahrb. Min.*, 1864, pp. 347-348; *Ibid.*, 1871, pp. 495-499.

## KNIBBS (G. H.), GRIMSHAW (J. W.), and CURRAN (J. M.)

455. Note on the Occurrence of Fulgurites in the Sandhills at Kensington and Bondi, in New South Wales. *Rept. Austr. Assoc. Adv. Sci.*, vii, 1898, pp. 377-383.

## KOHLMANN (W.)

456. Beobachtungen am Zinnstein. *Zeits. Kryst.*, xxiv, 1895, pp. 350-365.

## KRAKOUER (A.)

456A. Nullagine Diamond Fields. *Austr. Min. Stand.*, iv, 1898, p. 3546.

## KRAUS (E. H.) and COOK (C. W.)

456B. Iodyrite from Tonopah, Nevada, and Broken Hill, New South Wales. *Amer. Journ. Sci.*, xxvii, 1909, pp. 210-222; *Zeits. Kryst.*, xlvi, 1909, pp. 417-426.

## KRAUSE (F. M.)

457. [Weldite, Weld River, Tasmania.] *Papers and Procs. Roy. Soc. Tas.*, 1884 (1885), pp. lxxv-lxxvi.  
 458. The Tripolite Deposits of Lilicour. *Trans. Roy. Soc. Vict.*, xxiii, 1887, pp. 250-255.  
 459. An Introduction to the Study of Mineralogy for Australian Readers. (Melbourne, 1896).

## KRUSCH (P.)

460. Wo Kommt bei den Broken Hill Lagerstätten der Granat vor? *Zeits. prakt. Geol.*, 1898, p. 392.  
 461. Ueber das Auftreten von Diamanten bei Inverell, Neu-Süd-Wales. *Ibid.*, 1899, pp. 18-19.  
 462. Ueber einige Tellur-Gold-Silber-Verbindungen von den west australischen Goldgängen. *Centralbl. Min.*, 1901, pp. 199-202.  
 463. Die Tellurerze West-Australiens. *Zeits. prakt. Geol.*, 1901, pp. 211-217; *Bull. Geol. Surv. W. Austr.*, 42, 1912, pp. 175-184 [Trans. E. S. Simpson.]  
 464. Beitrag zur Kenntniss der nutzbaren Lagerstätten West-Australiens. *Zeits. prakt. Geol.*, 1903, pp. 321-331.

[See BEYSCHLAG (F.)]

## KUNZ (G. F.)

465. Precious Stones. *U. S. Geol. Surv., Mineral Resources*, 1902, (1904), pp. 813-865. [Reviews.]  
 465A. Ditto. *Ibid.*, 1904 (1905), pp. 941-987 [Reviews.]  
 465B. Ditto. *Ibid.*, 1905 (1906), pp. 1323-1358 [Reviews.]

## LABY (T. H.)

466. On a Pitchblende probably occurring in New South Wales. *Journ. Roy. Soc. N. S. Wales*, xlii, 1909 (1910), pp. 28-33.

[See MAWSON (D.)]

## LANG (V. v.)

467. [Chabazite, Richmond, Victoria.] *Phil. Mag.*, xxvii, 1864, pp. 506-508.

## LANGEMANN (L.)

468. Beiträge zur Kenntniss der Mineralien Harmotom, Phillipsit und Desmin. *Neues Jahrb. Min.*, ii, 1886, pp. 83-141.

## LARCOTBE (C. O. G.)

469. Geology of the Peaks Silver Field. *Trans. Austr. Inst. Min. Engin.*, xi, 1906, pp. 121-148.  
 469A. The Geology of Kalgoolie. *Proc. Austr. Inst. Min. Engin.*, v, 1910, pp. 1-312; [also *Trans. Austr. Inst. Min. Engin.*, xiv, 1912, pp. 1-327].

## LASAULX (A. v.)

- 469B. [Mineral Caoutchouc, Australia.] *Neues Jahrb. Min.*, 1876, pp. 409-410.

## LEIBIUS (A.)

470. On Osmiridium and Iridium obtained from New South Wales Gold. *Trans. Phil. Soc. N. S. Wales*, 1862-1865, p. 210.  
 471. Notes on Gold. *Journ. Roy. Soc. N. S. Wales*, xviii, 1884 (1885), pp. 37-41.

## LEMBERG (J.)

472. Zur Kenntniss der Bildung und Umbildung von Silicaten. *Mits. d. deuts. geol. Ges.*, xxxvii, 1885, pp. 959-1010.



## LENHER (V.)

- 472A. Some Observations on the Tellurides. *Econ. Geol.*, iv, 1909, pp. 544-564.

## LINDGREN (W.)

473. Metasomatic Processes in Fissure-veins. *Trans. Amer. Inst. Min. Engin.*, xxx, 1901, pp. 578-692.  
 474. Occurrence of Albite in the Bendigo Veins. *Econ. Geol.*, i, 1905, pp. 163-166.  
 475. Metasomatic Processes in the Gold Deposits of Western Australia. *Ibid.*, 1906, pp. 530-544.

## LINDON (E. B.)

476. On Native Zinc in Queensland. *Procs. Roy. Soc. Q'land*, iii, 1886 (1887), pp. 154-155.  
 477. A Catalogue of such Minerals as are at present known in Queensland, &c. *Ibid.*, iv, 1887, pp. 32-78.  
 478. Note on a Paper entitled "On the Mineral Scolecite occurring in Granite, Charters Towers." *Ibid.*, pp. 111-112.

## LINEDALE (J. C.)

479. [Telluride of Gold, Mount Shamrock, Queensland.] In *Ann. Rept. Under-Secy. Mines Q'land*, 1910 (1911), p. 103.

## LIVEING (E. H.)

- 479A. [Kalgoorlie Minerals.] *Engin. and Min. Journ.*, lxxv, May 30, 1903, p. 814.

## LIVERSIDGE (A.)

480. On the Bingera Diamond Field. *Mines and Mineral Statistics, New South Wales*, 1875, pp. 104-115 (N. S. Wales Intercol. and Philad. Exhib., 1875); *Trans. Roy. Soc. N. S. Wales*, 1873 (1874), pp. 91-101; also separate (Sydney, 1873).  
 481. Report on the Discovery of Diamonds at Bald Hill, near Hill End, N. S. Wales. *Mines and Mineral Statistics, N. S. Wales*, 1875, pp. 115-116. (N. S. Wales Intercol. and Philad. Exhib., 1875).  
 482. Notes on the Bingera Diamond Field, with Notes on the Mudgee Diamond Field (abridged). *Quart. Journ. Geol. Soc.*, xxxi, 1875, pp. 489-492.  
 483. Iron and Coal Deposits at Wallerawang, N. S. Wales. *Trans. Roy. Soc. N. S. Wales*, 1874 (1875), pp. 81-91.  
 484. The Minerals of New South Wales, &c., 3rd. Edit. (London, 1888). [1st Edit. *Trans. Roy. Soc. N. S. Wales*, ix, 1875 (1876), pp. 153-215.]  
 485. On the Formation of Moss Gold and Silver. *Journ. Roy. Soc. N. S. Wales*, x, 1876 (1877), pp. 125-134.  
 486. On a Fossiliferous Siliceous Deposit from the Richmond River, N. S. Wales. *Ibid.*, pp. 237-239.  
 487. On the so-called Meerschaum from the Richmond River, N. S. Wales. *Ibid.*, p. 240; *Ann. Rept. Dept. Mines N. S. Wales*, 1877 (1878), p. 211.  
 488. [Black and Ruby Tin, Vegetable Creek, N. S. Wales.] *Journ. Roy. Soc. N. S. Wales*, x, 1876 (1877), p. 290.  
 489. Note on a Mineral from New South Wales, presumed to be Laumontite. *Min. Mag.*, i, 1876, p. 54; *Ann. Rept. Dept. Mines N. S. Wales*, 1875 (1876), p. 147.  
 490. On Some New South Wales Minerals. *Journ. Roy. Soc. N. S. Wales*, xiv, 1880 (1881), pp. 213-226.

491. A Peculiar Copper Ore from the Coombing Copper Mine, N. S. Wales. *Min. Mag.*, v, 1882, pp. 32-33.
492. On some New South Wales Minerals. *Journ. Roy. Soc. N. S. Wales*, xviii, 1884 (1885), pp. 43-48.
- 492A. Notes on Some New South Wales Silver and other Minerals. *Ibid.*, xx, 1886 (1887), pp. 231-233.
493. Notes on some New New South Wales Minerals (Note No. 5). *Ibid.*, xxii, 1888 (1889), pp. 362-365.
494. On Some New South Wales and other Minerals (Note No. 6). *Ibid.*, xxv, 1891 (1892), pp. 234-241.
495. Note on Some Bismuth Minerals, Molybdenite, and Enhydros. *Rec. Austr. Mus.*, ii, 1892, pp. 33-36.
496. On the Condition of Gold in Quartz and Calcite Veins. *Journ. Roy. Soc. N. S. Wales*, xxvii, 1893 (1894), pp. 299-303.
497. On the Origin of Gold Nuggets. *Ibid.*, pp. 303-343; *Chem. News*, lxi, 1894, pp. 262, 267-268, 281-283, 296-298, 303-304; lxx, pp. 6-8, 21-22.
498. The Specific Gravity of Some Gemstones. *Rept. Austr. Assoc. Adv. Sci.*, v, 1893 (1894), pp. 404-409.
499. Nantokite from New South Wales. *Min. Mag.*, x, 1894, pp. 326-327.
500. Boléite, Nantokite, Kerargyrite and Cuprite from Broken Hill, N. S. Wales. *Journ. Roy. Soc. N. S. Wales*, xxviii, 1894 (1895), pp. 94-98.
- 500A. Preliminary Note on the Occurrence of Gold in the Hawkesbury Sandstone Rocks about Sydney. *Ibid.*, pp. 185-188.
501. On Some New South Wales and Other Minerals (Note No. 7). *Ibid.*, xxix, 1895 (1896), pp. 316-325; *Chem. News*, lxxiv, 1896, pp. 113-116.
502. Contribution to the Bibliography of Gold. *Rept. Austr. Assoc. Adv. Sci.*, vi, 1895 (1896), pp. 240-256.
503. The Origin of Gold Nuggets. *Austr. Min. Stand.*, xiii, 1897, pp. 2554-2556.
504. The Crystalline Structure of Some Gold and Platinum Nuggets and Gold Ingots. *Journ. Chem. Soc.*, lxxi, pp. 1125-1131; *Journ. Roy. Soc. N. S. Wales*, xxxi, 1897 (1898), pp. 70-79.
505. On the Crystalline Structure of Some Silver and Copper Nuggets. *Journ. Roy. Soc. N. S. Wales*, xxxiv, 1900, pp. 255-258.
506. On the Crystalline Structure of Some Gold Nuggets from Victoria, New Zealand, and Klondyke. *Ibid.*, pp. 259-262.
507. On the Internal Structure of Some Gold Crystals. *Ibid.*, xli, 1907, pp. 143-145.
- LOCZKA (J.)
508. Mineral Analysen. *Föld. Közl.* xxi, 1891, pp. 353-358 [Hung.]; pp. 375-379 [Germ.].
- LOEHR (A. v.)
509. [“Opal-Tigerauge” (Opalised Chrysotile) Tasmania.] *Tscherm. min. u. petr. Mitth.*, xxi, 1902, p. 356.
510. [Spessartite, Broken Hill, N. S. Wales]. *Ibid.*, xxii, 1903, p. 194.
- LUDWIG (E.)
511. Ueber den Atakamit. *Tscherm. min. u. petr. Mitth.*, 1873, pp. 35-38.



## MACDONALD (R. M.)

512. The Opal Formations of Australia. *Scot. Geogr. Mag.*, xx, 1904, pp. 253-261.

## MACIVOR (R. W. E.)

513. Note on Bismuthic Gold ("Black Gold"). *Chem. News*, lv, 1887, p. 191.
514. On Australian Bat Guano and Some Minerals occurring therein. *Ibid.*, pp. 215-216.
515. On Australian Gold and Native Metallic Antimony. *Ibid.*, lvii, 1888, p. 64.
- 515A. Note on Extensive Discoveries of Alumstone (Alunite) and Sulphur in New South Wales. *Ibid.*, p. 64.
516. On Native Tellurium from the Hannan's District, W. Australia. *Ibid.*, lxxxii, 1900, p. 272.
517. On Minerals occurring in Australian Bat Guano. *Ibid.*, lxxxv, 1902, pp. 181-182.
518. Further Note on Minerals occurring in Australian Bat Guano. *Ibid.*, p. 217.
519. On Certain Tellurium Minerals and the Action of Sulphur Monochloride thereon. *Ibid.*, lxxxvi, 1902, p. 308.

## MACKENZIE (G. S.)

520. Note on the Composition of Fahlerz and Embolite from New South Wales. *Rept. Austr. Assoc. Adv. Sci.*, i, 1888 (1889), pp. 153-154.

## MACLEOD (W. A.) and WHITE (O. E.)

521. On the Occurrence of a New Species of Garnet at Port Cygnet. *Papers and Procs. Roy. Soc. Tas.*, 1898-9 (1900), pp. 74-76; *Rept. Secy. Mines Tas.*, 1899-1900 (1900), pp. xlv-xlvi.

[See WHITE (O. E.)]

## MAHONY (D. J.)

- 520A. Diatomaceous Earth and its Occurrence in Victoria. *Bull. Geol. Surv. Vict.*, 26, 1912.

[See GRAYSON (H. J.)]

## MAITLAND (A. G.)

522. Geology and Mineral Resources of the Upper Burdekin. *Geol. Surv. Q'land, Publication No. 71*, 1891.
523. On the Coolgarra Tin Mines and Surrounding District. *Ibid.*, No. 72, 1891.
524. Geological Observations in British New Guinea. *Ibid.*, No. 85, 1892.
525. Bibliography of the Geology of Western Australia. *Bull. Geol. Surv. W. Austr.*, 1, 1898.
526. The Mineral Wealth of Western Australia. *Ibid.*, 4, 1900.

## MAITLAND (A. G.) and JACKSON (C. F. V.)

527. The Mineral Production of Western Australia up to the End of the Year 1903. *Ibid.*, 16, 1904.

## MAITLAND (A. G.)

528. Further Report on the Geological Features and Mineral Resources of the Pilbara Gold Field. *Ibid.*, 20, 1905 (reprinted *Bull.* 40, 1908).
529. Third Report on the Geological Features and Mineral Resources of the Pilbara Gold Field. *Ibid.*, 23, 1906 (reprinted *Bull.* 40, 1908).
530. The Gascoyne, Ashburton, and West Pilbara Gold Field. *Ibid.*, 33, 1909.

## MARKS (E. O.)

531. The Oaks and Eastern Portion of the Etheridge Gold Field. *Geol. Surv. Q'land, Publication No. 234, 1911.*

## MARSH (C. W.)

532. Geological Notes on the Barrier Ranges Silver Field. *Journ. Roy. Soc. N. S. Wales*, xxiv, 1890 (1891), pp. 177-195.  
 533. On Native Copper Iodide (Marshite) and other Minerals from Broken Hill, N. S. Wales. *Ibid.*, xxvi, 1892, pp. 326-332.  
 534. Notes on some Broken Hill and other Barrier Minerals. *Trans. Austr. Inst. Min. Engin.*, iv, 1897, pp. 138-159.  
 534A. The Chrysotile Asbestos Formation at Marble Bar, W. Australia. *Min. Journ.*, lxxxvi, 1909, pp. 394-396.

## MARYANSKI (M.)

535. Tellur-Gold in West Australien. *Zeits. prakt. Geol.*, 1897, p. 72.

## MAWSON (D.) and TAYLOR (T. G.)

536. The Geology of Mittagong. *Journ. Roy. Soc. N. S. Wales*, xxxvii, 1903, pp. 306-350.

## MAWSON (D.) and LABY (T. H.)

537. Preliminary Observations on Radio-activity and the Occurrence of Radium in Australian Minerals. *Ibid.*, xxxviii, 1904, pp. 382-389; *Chem. News*, xcii, 1905, pp. 39-41.

## MAWSON (D.)

538. The Minerals and Genesis of the Veins and Schlieren traversing the Ægirine-syenite in the Bowral Quarries. *Procs. Linn. Soc. N. S. Wales*, xxxi, 1906 (1907), pp. 579-607.  
 539. Mineralogical Notes. *Trans. Roy. Soc. S. Austr.*, xxx, 1906, pp. 67-70.  
 540. On Certain New Mineral Species Associated with Carnotite in the Radio-active Ore Body near Olary. *Ibid.*, pp. 188-193.  
 541. The Phosphate-bearing Minerals from Elder Rock. *Ibid.*, xxxi, 1907, p. 65.  
 542. Mineral Notes. *Ibid.*, pp. 119-124.  
 543. Notes on the Gem-bearing Gravels of Barossa. *Ibid.*, xxxiii, 1909, p. 141.  
 544. Pre-Cambrian Areas in the North-Eastern Portion of South Australia and the Barrier, New South Wales. *Rept. Austr. Assoc. Adv. Sci.*, xiii, 1911 (1912), pp. 188-191.  
 544A. Chistolites from Bimbowrie, South Australia. *Mem. Roy. Soc. S. Austr.*, ii, 3, 1911, pp. 189-210.  
 544B. Geological Investigations in the Broken Hill Area. *Ibid.*, ii, 4, 1912, pp. 207-319.

## MCKAY (J. R.)

545. A Rare Mineral. *Ann. Rept. School of Mines and Inds. S. Austr.*, 1893 (1894), p. 172.

## MCLACHLAN (D.C.)

546. Diamonds: Their Occurrence in New South Wales (Dept. Mines, N. S. Wales, 1899).

## MENNELL (F. P.)

547. The Copper-bearing Rocks of South Australia. *Rept. Brit. Assoc. Adv. Sci.*, 1901, p. 665; *Geol. Mag.*, viii, 1901, p. 520.

## MERCER (T.)

548. Diamond Mining at Bingera, New South Wales. *Austr. Min. Stand.*, x, 1894, p. 102.



549. Speculations on the Origin and Formation of the Diamond, with Especial Reference to its Formation and Position at Bingera, N. S. Wales. *Trans. Austr. Inst. Min. Engin.*, iii, 1895, pp. 56-70.
- MERRILL (G. P.)
551. Notes on Asbestos and Asbestiform Minerals. *Procs. U. S. Nat. Mus.*, xviii, 1895, pp. 281-292.
551. Guide to the Study of the Collections in the Section of Applied Geology: The Non-metallic Minerals. *Ann. Rept. Smiths. Inst., U. S. Nat. Mus.*, 1899 (1901), p. 419.
- MIERS (H. A.)
552. [Marshite, Broken Hill, N. S. Wales]. *Zeits. Kryst.*, xxiv, 1894, p. 207.
- MINERAL CENSUS.
553. Mineral Census of Australasia [N. S. Wales, S. Austr., Q'land, N. Zealand]. *Rept. Austr. Assoc. Adv. Sci.*, ii, 1890, pp. 207-282.
- MINES, NEW SOUTH WALES.
554. Mines and Mineral Statistics of New South Wales. *N. S. Wales Intercol. and Philad. Exhib.*, 1875 (Sydney, 1875).
- MINES, DEPARTMENT OF, NEW SOUTH WALES.
555. Annual Report, 1886 (1887), p. 41.
- 555A. Ditto, 1887 (1888).
556. Ditto, 1892 (1893), pp. 56-60.
557. Ditto, 1893 (1894), pp. 51-53.
558. Ditto, 1894 (1895), pp. 61-66.
559. Ditto, 1895 (1896), pp. 70-73.
560. Ditto, 1896 (1897), pp. 20-21, 143.
561. Ditto, 1897 (1898).
562. Ditto, 1898 (1899).
563. Ditto, 1899 (1900).
564. Ditto, 1900 (1901).
565. Ditto, 1901 (1902).
- 565A. Ditto, 1902 (1903).
566. Ditto, 1903 (1904).
- 566A. Ditto, 1904 (1905).
- 566B. Ditto, 1905 (1906).
- 566C. Ditto, 1906 (1907).
567. Ditto, 1907 (1908), p. 176.
568. Ditto, 1908 (1909), pp. 182-183.
569. Ditto, 1909 (1910).
570. Ditto, 1910 (1911).
571. Ditto, 1911 (1912).
- 571A. Ditto, 1912 (1913).
- 571B. Ditto, 1913 (1914).
- 571C. Ditto, 1914 (1915).
- [See DIXON (W. A.), LIVERSIDGE (A.), &c.]
- MINES OF SOUTH AUSTRALIA.
572. Record of the Mines of South Australia. Supplementary Issue. (Adelaide, Govt. Printer, 1905.)
- MINGAYE (J. C. H.)
573. [Miscellaneous Analyses.] *Ann. Rept. Dept. Mines N. S. Wales*, 1888 (1889).

574. On the Occurrence of Tellurium in New South Wales. *Rept. Austr. Assoc. Adv. Sci.*, i, 1888 (1889), pp. 116-122.
575. Note on Some Minerals, &c. *Journ. Roy. Soc. N. S. Wales*, xxiii, 1889 (1890), pp. 326-328.
576. On the Occurrence of Tellurium in Combination with Bismuth from Norongo, near Captain's Flat, N. S. Wales. *Rec. Geol. Surv. N. S. Wales*, i, 1889, pp. 26-28.
577. [Platinum from the Orange District, N. S. Wales.] *Ibid.*, 1890 (1891), p. 287.
578. Report on the Platinum-bearing Minerals of Broken Hill. *Ann. Rept. Dept. Mines N. S. Wales*, 1891 (1892), pp. 276-277.
579. Laboratory Notes on Some New South Wales Minerals. *Rec. Geol. Surv. N. S. Wales*, ii, 1891, pp. 93-94.
580. Notes on the Occurrence of Platinum, Gold, and Tin in the Beach Sands in the Richmond River District. *Journ. Roy. Soc. N. S. Wales*, xxvi, 1892 (1893), pp. 368-370.
581. Platinum and its Associated Metals in Lode Material at Broken Hill. *Ibid.*, pp. 371-373.
582. On the Occurrence of Phosphatic Deposits in the Jenolan Caves, New South Wales. *Rec. Geol. Surv. N. S. Wales*, vi, 1899, pp. 111-116; *Rept. Austr. Assoc. Adv. Sci.*, vii, 1898, pp. 327-331.
583. Notes and Analyses of Some New South Wales Phosphatic Minerals and Phosphatic Deposits. *Rec. Geol. Surv. N. S. Wales*, vi, 1899, pp. 116-118; *Rept. Austr. Assoc. Adv. Sci.*, vii, 1898, pp. 332-333.
584. Notes from the Chemical Laboratory, Department of Mines. *Rec. Geol. Surv. N. S. Wales*, vii, 1903, pp. 219-221.
585. Notes on the Occurrence of Monazite in the Beach Sands of the Richmond River, New South Wales. *Ibid.*, pp. 222-226.
- MINGAYE (J. C. H.) and WHITE (H. P.)
586. Notes and Analyses of Olivine-basalts from the Sydney District (No. 1). *Rec. Geol. Surv. N. S. Wales*, vii, 1903, pp. 226-230.
587. Analyses of Leucite-basalts and Olivine-basalts from New South Wales. *Ibid.*, vii, 1904, pp. 301-304.
- MINGAYE (J. C. H.), WHITE (H. P.), and GREIG (W. A.)
588. Notes from the Chemical Laboratory, Department of Mines. *Ibid.*, viii, 1905, pp. 182-185.
- MINGAYE (J. C. H.)
589. Notes from the Chemical Laboratory (No. 2). *Rec. Geol. Surv. N. S. Wales*, viii, 1909, pp. 276-292.
- [See ANDREWS (E. C.), CARD (G. W.)]
- MOERICKE (W.)
590. Ueber edle Silbererzgänge in Verbindung mit basischen Eruptivgesteinen. *Zeits. prakt. Geol.*, 1895, pp. 4-10.
- MOESZ (G.)
591. Krokoit von Tasmanien. *Math. ésterm. tud. Értesítő*, xvii, 1899, pp. 436-441.
- MONTGOMERY (A.)
592. The Useful Minerals of Tasmania. *Trans. Austr. Inst. Min. Engin.*, iii, 1895, pp. 203-230; *Austr. Min. Stand.*, xi, 1895, pp. 620, 645-646, 662-663.
- 592A. Some Geological Considerations affecting Western Australian Ore-deposits. *Trans. Austr. Inst. Min. Engin.*, xi, 1909, pp. 160-184.



- MOORE (M. S.)  
592B. Report on the Tin-field of the Blue Tier District, Tasmania. *Procs. Austr. Inst. Min. Engin. Supp. No. I (N.S.) No. 8*, Dec., 1913, pp. 1-22.
- MORRIS (G. C.)  
593. Coorongite. *Procs. Acad. Philad.*, 1877, p. 13.
- MORRISON (M.)  
593A. Report on Molybdenite Deposits, 40 miles east from Hillgrove. *Ann. Rept. Dept. Mines N. S. Wales*, 1914 (1915), p.208.
- MOSES (A. J.)  
594. Mineralogical Notes. Mercuric Iodide from New South Wales. *Amer. Journ. Sci.*, xii, 1901, pp. 98-99; *Zeits. Kryst.*, xxxv, 1901, pp. 417-418.
- MOULDEN (J. C.)  
595. Petrological Notes upon Some South Australian Rocks. *Trans. Roy. Soc. S. Austr.*, xix, 1895, pp. 70-78.  
596. On a Cordierite-bearing Rock from Broken Hill. *Journ. Roy. Soc. N. S. Wales*, xxxi, 1897 (1898), pp. 214-220.
- MÜGGE (O.)  
597. Mineralogische Notizen, ii; Cerussit Zwilling nach 130 von Broken Hill (N. S. Wales). *Neues Jahrb. Min.*, ii, 1897, pp. 78-79.  
598. Ueber regelmässige Verwachsungen von Kupfer mit Cuprit von Burra Burra, Süd-Australien. *Ibid.*, ii, 1898, pp. 151-155.  
599. Zur Struktur der Rutil-Krystalle. *Centrabl. Min.*, 1902, pp. 72-73.
- MULHOLLAND (C. A.)  
600. The Greenbushes Tinfield, Western Australia. *Austr. Min. Stand.*, xxix, 1903, pp. 159-160, 192.
- MURRAY (R. A. F.)  
601. Report on the Geology and Mineral Resources of South-Western Gippsland. *Prog. Rept. No. 3, Geol. Surv. Vict.*, 1875 (1876), pp. 134-174.  
602. Report on the Country between Wood's Point and Jamieson. *Repts. Geol. Surv. Vict.*, 1898, pp. 43-45.
- NEWBERY (J. C.)  
603. On the Formation of Gold Nuggets in Auriferous Drift. *Trans. Roy. Soc. Vict.*, ix, 1868 (1869), pp. 52-60.  
604. On the Ornamental Stones of the Colony. *Ibid.*, pp. 79-85.  
605. [Laboratory Report.] *Min. Statistics Vict.*, 1869. Appendix D, pp. 50-52 (Parliamentary Papers, 1870 (1871), Vol. ii).  
606. [Ditto.] *Ibid.*, 1871, No. 8. Appendix D, pp. 48-49 (Parliamentary Papers, 1872, Vol. iii).  
607. [Ditto.] *Ibid.*, 1872, No. 7. Appendix D, pp. 55-56.  
608. [Ditto.] *Prog. Rept. Geol. Surv. Vict.*, 1875 (1876), No. 3, pp. 290-307.  
609. [Ditto.] *Ibid.*, 1876 (1877), No. 4, pp. 159-175.  
610. [Ditto.] *Ibid.*, 1877 (1878), No. 5, pp. 177-190.  
611. [Ditto.] *Ibid.*, 1879 (1880), No. 6, pp. 72-79.  
612. Some New Localities for Minerals in Victoria. *Trans. Roy. Soc. Vict.*, xvi, 1879 (1880), pp. 144-145.
- NICHOLAS (W.)  
613. Localities of Minerals which occur in Victoria. *Prog. Rept. Geol. Surv. Vict.*, 1875 (1876), No. 3, pp. 280-288.

## NIES (F.)

614. Über ein angebliches Vorkommen gediegenen Zinn und über die spezifischen Gewichte der Zinnbleilegierungen. *Jahreshefte d. Vereins f. Vaterl. Naturkunde in Württ.*, 1889, pp. 292-304.

## ONDREJ (A.)

615. O Linaritu z Broken Hillu [On the Linarite of Broken Hill]. *Rozpr. České Ak. Frant. Jos. Prag*, xix, 1910, Class II, No. 37.

## OSANN (A.)

616. [On an Enstatite-Augite bearing Diabase from Tasmania.] *Centralbl. Min.*, 1907, pp. 705-711; *Rept. Secy. Mines Tas.*, 1907. (1908), pp. 107-111. [Trans. W. H. Twelvetrees.]

## PALACHE (C.)

617. Crocoite from Tasmania. *Amer. Journ. Sci.*, i, 1896, pp. 389-390.

## PAUL (F. P.)

618. Beiträge zur petrographischen Kenntniss einiger foyäitisch-theralitischen Gesteine aus Tasmanien. *Tscherm. min. u. petr., Mitth.*, xxv, 1906, pp. 269-318.

## PEARCE (R.)

619. Notes on a Peculiar Occurrence of Tellurium in a Gold Ore from the Great Boulder Reef, Western Australia. *Procs. Colorado Sci. Soc.*, vi, 1897-1900, p. 69.

## PELIKAN (A.)

620. Pseudomorphosen von Edelopal nach Gyps. *Tscherm. min. u. petr., Mitth.*, xix, 1900, pp. 339-340.

## PENFIELD (S. L.)

621. On the Solution of Problems in Crystallography by means of Graphical Methods. *Amer. Journ. Sci.*, xiv, 1902, pp. 277-280.

622. On Crystal Drawing. *Ibid.*, xix, 1905, pp. 66-67.

## PENFIELD (S. L.) and FORD (W. E.)

623. On Stibiotantalite. *Amer. Journ. Sci.*, xxii, 1906, pp. 61-77; *Zeits. Kryst.*, xlii, 1906, pp. 334-350.

## PETERS (E. D.)

624. Notes on the Mount Lyell Mine. *Papers and Procs. Roy. Soc. Tas.*, 1893 (1894), pp. 194-199.

## PETTERD (W. F.)

625. Catalogue of Minerals known to occur in Tasmania, with Notes on their Distribution. *Papers and Procs. Roy. Soc. Tas.*, 1893 (1894), pp. 1-72; also separate (Govt. Printer, Hobart, 1893).

626. Notes on a Mineral Substance new to Tasmania. *Papers and Procs. Roy. Soc. Tas.*, 1894-5 (1896), p. xx.

627. Notes on some Recently Discovered and other Minerals occurring in Tasmania. *Ibid.*, 1897 (1898), pp. 62-65.

628. Catalogue of the Minerals of Tasmania (Launceston, 1896).

629. A Classified List of the Mineral Species known to occur in Tasmania. *Papers and Procs. Roy. Soc. Tas.*, 1896 (1897), pp. 23-28.

630. The Minerals of Tasmania. *Ibid.*, 1900-1 (1902), pp. 75-84.

631. Notes on Unrecorded and other Minerals occurring in Tasmania. *Ibid.*, 1902 (1903), pp. 18-33; *Rept. Secy. Mines Tas.*, 1901-2 (1903), pp. 288-303.

632. A Note on the Occurrence in Wales of the Mineral Dundasite, &c. *Papers and Procs. Roy. Soc. Tas.*, 1903-5 (1906), pp. lviii-lix.



633. Notes on Tasmanian Minerals. *Ibid.*, pp. 62-72; *Rept. Secy. Mines Tas.*, for half-year ending Dec. 31, 1903, pp. 72-82.
634. Notes on some Additional Minerals recently determined, with New Localities for Species known to occur in Tasmania. *Papers and Procs. Roy. Soc. Tas.*, 1903-5 (1906), pp. 75-82; *Rept. Secy. Mines Tas.*, 1904 (1905), pp. 83-90.
635. Note on an Examination of altered Spodumene from the Shepherd and Murphy Lode. *Rept. Secy. Mines Tas.*, 1907, pp. xxxi-xxxii.
636. Catalogue of the Minerals of Tasmania. *Papers and Procs. Roy. Soc. Tas.*, 1910, pp. 1-221; also separate (Govt. Printer, Hobart, 1910).

[See TWELVETREES (W. H.)]

PHIPSON (T. L.)

637. [Native Zinc, Victoria.] *Compt. Rend.*, lv, 1862, p. 218; *Chem. News*, vi, 1862, pp. 47-48; *Journ. prakt. Chem.*, lxxxvii, p. 384; *Pogg. Ann.*, cxvii, 1862, p. 528.
638. Sur la Présence du Diamant dans les Sables métallifères de Fremantle (Australie Occidentale). *Compt. Rend.*, lxiv, 1867, pp. 87-88.

PIKE (A. R.)

639. The Copeton Diamonds in Matrix and Notes on the Alluvial Deposits. *Austr. Min. Stand.*, xli, 1909, pp. 93-94, 119-120.

PITTMAN (E. F.)

640. [Diatomaceous Earth near Barraba.] *Ann. Rept. Dept. Mines N. S. Wales*, 1881 (1882), pp. 142-143.
641. Notes on the Occurrence of a New Mineral at Broken Hill. *Journ. Roy. Soc. N. S. Wales*, xxvii, 1893 (1894), pp. 366-368.
642. Willyamite—A New Mineral from Broken Hill. *Rec. Geol. Surv. N. S. Wales*, iv, 1894, pp. 21-22.
643. Notes on two New Mineral Substances from the Australian Broken Hill Consols Mine. *Journ. Roy. Soc. N. S. Wales*, xxix, 1895 (1896), pp. 48-51.
644. Report on Bogy Camp Diamond Field. *Ann. Rept. Dept. Mines N. S. Wales*, 1896 (1897), pp. 98-99.
645. Notes on the Geology and Mineral Deposits of Portion of Western Australia. *Ibid.*, 1897 (1898), pp. 136-143; *Rec. Geol. Surv. N. S. Wales*, vi, 1898, pp. 1-17.
646. Kalgoolite—A New Mineral from Western Australia. *Rec. Geol. Surv. N. S. Wales*, v, 1898, pp. 203-204; *Austr. Min. Stand.*, xiii, 1898, p. 2669.
647. The Occurrence of Tellurium at the Prince of Wales Mine, Gundagai. *Ann. Rept. Dept. Mines N. S. Wales*, 1898 (1899), p. 149.
648. Occurrence of Telluride of Gold in New South Wales. *Ibid.*, 1899 (1900), pp. 161-162.
649. The Auriferous Deposits of Lucknow. *Rec. Geol. Surv. N. S. Wales*, vii, 1900, pp. 1-9.
650. The Auriferous Ore-beds of the Lyndhurst Goldfield. *Ibid.*, pp. 9-15.
651. The Mineral Resources of New South Wales (Govt. Printer, Sydney, 1901).
652. Discovery of a Fine Diamond at Mount Werong, New South Wales. *Ann. Rept. Dept. Mines N. S. Wales*, 1905 (1906), pp. 137-138.

653. [Diamond in Dolerite Matrix, Oakey Creek, Inverell, N. S. Wales.] *Journ. Roy. Soc. N. S. Wales*, xl, 1906 (1907) (Abstract of Proceedings), pp. ix-x.
654. Note on the Occurrence of Precious Opal at Tooraweanah, Warrumbungle Mountains. *Rec. Geol. Surv. N. S. Wales*, viii, 1907, pp. 187-188.
- PIUTTI (A.)
- 654A. [Helium in Zircon, Tasmania.] *Gazz. Chim. ital.*, xl, 1910, pp. 435-485. [*vide Zeits. Kryst.*, lii, 1913, pp. 411-412.]
- PLUMMER (J.)
655. Australian Diamonds. *Watchmaker, Jeweller, and Silversmith*, xxiv, 1898 [*vide G. F. Kunz, Twentieth Ann. Rept. U. S. Geol. Surv., Pt. vi, ctd.*, 1898-9 (1899), pp. 564-565.
656. Australian Opal and Opal-mining. *Sci. Amer. Supplement*, lii, 1901, pp. 21505-21506.
- POGUE (J. E.) [*See GILBERT (C. G.)*]
- PORTER (D. A.)
657. Notes on some Mineral Localities in the Northern Districts of New South Wales. *Journ. Roy. Soc. N. S. Wales*, xviii, 1884 (1885), pp. 75-80.
658. Notes on some Inclusions observed in a Specimen of Queensland Opal. *Ibid.*, xxi, 1887 (1888), p. 86.
659. Notes on some Minerals and Mineral Localities in the Northern Districts of New South Wales. *Ibid.*, xxii, 1888 (1889), pp. 78-88.
660. Ditto. *Ibid.*, xxviii, 1894 (1895), pp. 39-44.
661. Note on the Occurrence of a Nickeliferous Opal near Tamworth, New South Wales. *Ibid.*, xxxi, 1897 (1898) (Abstract of Proceedings), pp. xxviii-xxix.
- PORTER (H. M.)
662. On the Occurrence of Diamonds at Inverell, New South Wales. *Procs. Inst. Min. Metall.*, vi, 1897-1898 (1898), pp. 273-277.
- POWER (F. D.)
663. Australasian Views on the Origin of Gold Nuggets. *Min. Journ.*, lxxv, 1895, pp. 621, 634; *Austr. Min. Stand.*, xi, 1895, pp. 421-422, 434-435.
- PRIOR (G. T.) and SPENCER (L. J.)
664. The Cerargyrite Group (Holohedral-cubic Silver Haloids). *Min. Mag.*, xiii, 1902, p. 174-186.
- PRIOR (G. T.)
665. The Identity of Kilbrickenite with Geocronite, and Analyses of Miersite, Marshite and Copper Pyrites. *Min. Mag.*, xiii, 1902, pp. 186-190.
666. Dundasite from North Wales. *Ibid.*, xiv, 1906, p. 167.
- PRITCHARD (G. B.)
667. On a New Zeolite. *Vict. Nat.*, xviii, 1901, pp. 63-65.
668. Shoreham "Camp Out" (Mineralogy). *Ibid.*, xix, 1902, pp. 17-20, 114.
- QUEENSLAND DEPARTMENT OF MINES.
- 668A. [Ruby, Jordan Creek, Queensland.] *Ann. Rept. Under-Secy. Mines Q'land*, 1900 (1901), p. 20.
- QUERCIGH (E.)
- 668B. Sula vera Natura della Miersite e della Cuprojodargirite: Nota III. *Rend. Acc. Lincei*, xxiii, 1914, pp. 825-833.



## RADCLIFF (S.)

669. Radium at Moonta Mine, South Australia. *Tran. Roy. Soc. S. Austr.*, xxx, 1906, pp. 199-204.
- 669A. Extraction of Radium from the Olary Ores. *Journ. Roy. Soc. N. S. Wales*, xlvii, 1913, pp. 145-156.
- 669B. On the Recovery of Actinium and Ionium from the Olary Ores. *Ibid.*, xlviii, 1914, pp. 408-411.

## RAMMELSBERG (C.)

670. Ueber Herschellit und Seebachit. *Zeits. d. deuts. geol. Ges.*, xxv, 1873, pp. 96-101.
671. [Australian Beryl.] *Mineral Chemie*, 1860, p. 555; 1875, p. 650.

## RANDS (W. H.)

672. Stanthorpe Tin-mining District. *Geol. Surv. Q'land, Publication No. 15.* (*Ann. Rept. Dept. Mines Q'land*, 1883 (1884), pp. 50-52.)
673. Report on the Goldfields of Raglan, Calliope, &c. *Ibid.*, No. 21, 1885.
674. Report on the Geology and Mineral Resources of the District of Kilkivan and Black Snake. *Ibid.*, No. 28, 1886.
675. [Report of.] *Ibid.*, No. 33, 1887. (*Ann. Rept. Geol. Surv. Q'land*, 1886, pp. 65-70.)
676. Report on Cobalt Lode at the Black Snake, near Kilkivan. *Ibid.*, No. 38, 1887.
677. On the Albert and Logan District. *Ibid.*, No. 51, 1889.
678. [Report of.] *Ibid.*, No. 58, 1890. (*Ann. Rept. Geol. Surv. Q'land*, 1889, pp. 5-10.)
679. On the Tiaro District Coal Measures, Neardie Antimony Mine, &c. *Ibid.*, No. 59, 1890.
680. Mount Biggenden Bismuth Mine, Gebangle and the Mount Shamrock Mine. *Ibid.*, No. 60, 1890.
681. Alluvial Cinnabar Deposit near Kilkivan. *Ibid.*, No. 79, 1892.
682. [Report of.] *Ibid.*, No. 94, 1893. (*Ann. Rept. Geol. Surv. Q'land.*, 1892, pp. 4-10.)
683. Fourth Report on the Gympie Goldfield, &c. *Ibid.*, No. 166, 1901.
684. [Report of]. *Ibid.*, No. 175, 1902. (*Ann. Rept. Geol. Surv. Q'land*, 1901, pp. 3-4); *Rept. Under-Secy. Mines Q'land*, 1901 (1902), pp. 198-202.

## RATH (G. v.)

685. Uber den Phäkolith von Richmond, Victoria, Australien. *Monatsber d. k. preuss. Akad. Wiss. Berlin*, 1875 (1876), pp. 523-532.
686. [Mineralogical Notes.] *Verh. d. naturhist Vereins Rheintl, Sitz. d. niederrh. Ges.*, 1875, pp. 187-188.
687. [Ditto.] *Ibid.*, p. 280.
688. [Ditto.] *Ibid.*, 1877, pp. 63-80.
689. [Ditto.] *Ibid.*, pp. 143-144.
690. [Ditto.] *Ibid.*, 1878, pp. 5-12.
691. [Ditto.] *Ibid.*, 1879, pp. 5-10.
692. Note sur deux nouveaux Phosphates du Guano, Hannayite et Newberyite. *Bull. Soc. fr. Min.*, ii, 1880, pp. 79-82.
- 692A. [Mineralogical Notes.] *Verh. d. naturhist. Vereins Rhein., Sitz. d. niederrh. Ges.*, 1880, pp. 113-116.

693. [Ditto.] *Zeits. Kryst.*, iv, 1880, pp. 425-428.  
 694. [Ditto.] *Verh. d. naturhist. Vereins Rheinl.*, 1887, pp. 290-291.

## RATTE (F.)

695. On Some Remarkable Crystals of Siderite. *Procs. Linn. Soc. N. S. Wales*, x, 1885 (1886), p. 759.  
 696. Descriptive Catalogue of the General Collection of Minerals in the Australian Museum. (Govt. Printer, Sydney, 1885.)

## REDLICH (K.)

- 696A. Turmalin in Erzlagerstätten. *Tscherm. min. petr. Mitth.*, xxii, 1903, pp. 502-504.

## RENNIE (E. H.)

697. On Some so-called South Australian Rubies. *Trans. Roy. Soc. S. Austr.*, xi, 1887-8 (1888), pp. 17-18.

## RENNIE (E. H.) and COOKE (W. T.)

698. [Preliminary Note on Radio-active Minerals from Olary, South Australia.] *Trans. Roy. Soc. S. Austr.*, xxx, 1906, p. 193.

## RICHARDS (H. C.)

699. On the Separation and Analysis of Minerals in the Dacite of Mount Dandenong, Victoria. *Procs. Roy. Soc. Vict.*, xxi, 1908 (1909), pp. 528-529.

## RICKARD (T. A.)

700. The Kalgoorlie Gold-field. *Austr. Min. Stand.*, xiii, 1898, p. 2715.  
 701. The Minerals which accompany Gold and their Bearing upon the Richness of Ore Deposits. *Min. Journ.*, lxxv, 1898, pp. 494-495. *Trans. Inst. Min. Metall.*, vi, 1898, pp. 194-211.  
 702. The Telluride Ores of Cripple Creek and Kalgoorlie. *Trans. Amer. Inst. Min. Engin.*, xxx, 1901, pp. 708-718.

## RINGROSE (R. C.) [See BERGE (J. S.)]

## RIVETT (A. C. D.) [See HARTUNG (E.)]

## ROBERTS (W. B.)

703. Bismuth Mining in Australia. *Engin. and Min. Journ.*, liii, 1892, p. 668; *Austr. Min. Stand.*, viii, p. 268.  
 703A. The Tellurium Discoveries. *Min. Journ.*, lxii, 1897, p. 941; *Austr. Min. Stand.*, xiii, 1897, p. 1653.

## ROBERTSON (A. J.)

- 703B. Felspars from Kalgoorlie. *Bull. Geol. Surv. W. Austr.*, 56, 1914, pp. 77-80.

## ROBERTSON (J. R. M.)

704. Queensland Opal. *Procs. Phil. Soc. Glasgow*, xiii, 1881-2, p. 427.  
 705. The Occurrence of Opals in Central Australia and Queensland. *Chem. News*, lxxv, 1882, pp. 95, 101.  
 706. The Bismuth and Tin Deposits of Australia. *Trans. Geol. Soc. Glasgow*, vii, 1882, (1883), pp. 126-142.

## ROSALES (H.)

- 706A. Origin and Distribution of Gold in Quartz-Veins. *Vict. Gov. Prize Essays*, 1860 (1861), pp. 209-239. (Melbourne, Govt. Printer, 1861.)

## RULE (O. R.)

- 706B. Report on Mineral Section. *Rept. Pub. Lib. Mus. and National Gallery Vict.*, 1880 (1881), pp. 34-36.



- SACK (A. L.)  
707. Verschiedene besondere Kupfererze von Adelaide. [*Jahresber. d. naturw. Vereins Halle*, 1850, pp. 57 ff.] *Neues Jahrb. Min.*, 1852, pp. 332-333.
- SADEBECK (A.)  
708. Nachtrag zu "über die Krystallisation des Struvits." *Tscherm. min. Mitth.*, 1877, p. 221.
- SAINT-SMITH (E. C.)  
708A. A Geological Reconnaissance of a Portion of the South-west Division of Western Australia. *Bull. Geol. Surv. W. Austr.*, 44, 1912.
- SAINT-SMITH (E. C.) and FARQUHARSON (R. A.)  
708B. Geology and Mineral Resources of the Yilgarn Gold-field: Part I. Southern Cross. *Ibid.*, 49, 1913.
- SAINT-SMITH (E. C.)  
708C. Geology and Mineral Resources of the Stanthorpe, Ballandean, and Wallangarra Districts. *Geol. Surv. Q'land, Publication No.* 243, 1914.
- SANKEY (J. R.)  
708D. Queensland Gems. *Procs. Roy. Soc. Q'land*, xx, 1906 (1907), pp. 61-73.
- SCHALLER (W. T.)  
709. Mineralogical Notes: Series 2. *Bull. U. S. Geol. Surv.*, 509, 1912.
- SCHMEISSER (K.) and VOGELANG (K.)  
710. Die Goldfelder Australiens. (Berlin, 1897; London, 1898. [Trans. H. Louis.])
- SCHMIDT (A.)  
711. Mineralogische Mittheilungen. *Zeits. Kryst.*, xix, 1891, p. 56.
- SCRAUF (A.)  
712. Mineralogische Beobachtungen: iii. *Sitz. d. k. Akad., Wiss. Wien.*, lxiv, 1871.  
713. Kupfer von Wallaroo. *Tscherm. min. Mitth.*, 1872, pp. 53-56.  
714. Mineralogische Beobachtungen: v. *Sitz. d. k. Akad. Wiss. Wien.*, lxvii, 1873.
- SCHULTEN (A. DE.)  
715. Recherches sur le Phosphate et l'Arsenate dimagnésien. Reproduction artificielle de la Newberyite. *Bull. Soc. fr. Min.*, xxvi, 1903, pp. 24-29.
- SEAVER (J. C. B. P.)  
716. Origin and Mode of Occurrence of Gold-bearing Veins and of the Associated Minerals. *Journ. Roy. Soc. N. S. Wales*, xxi, 1887 (1888), pp. 125-158.
- SELWYN (A. R. C.)  
717. [Minerals found in Victoria.] *Internat. Exhib. Essays*, pp. 180-182 (Melbourne, 1861).  
718. [List of Minerals known in Victoria.] *Rept. Geol. Surv. Vict.*, 1861-2 (1862), No. 43, pp. 14-15.
- SELWYN (A. R. C.), ULRICH (G. H. F.), APLIN (C. D'O. H.), ETHERIDGE (R., junr.), and TAYLOR (N.)  
719. A Descriptive Catalogue of the Rock Specimens and Minerals in the National Museum collected by the Geological Survey of Victoria (Melbourne, 1868).

## SHARWOOD (W. J.)

- 719A. Notes on Telluride-bearing Gold Ores. *Econ. Geol.*, vi, 1911, pp. 22-36.

## SIMON (K.)

720. Zur Kenntniss der Mineralfarben. *Neues Jahrb. Min.*, Beil. Bd. xxvi, 1908, pp. 249-295; *Mineral Collector*, Jan.-Feb., 1909, Nos. 11, 12. [Trans. E. T. Wherry.]

## SIMPSON (E. S.)

721. [Report of.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1897 (1898), pp. 41-50.  
 722. [Ditto.] *Ibid.*, 1898 (1899), pp. 52-59.  
 723. [Ditto.] *Ibid.*, 1899 (1900), pp. 48-55.  
 724. Census of Minerals of Western Australia. *Bull. Geol. Surv. W. Austr.*, 4, 1900, pp. 144-149.  
 725. [Report of.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1900 (1901), p. 31.  
 726. [Ditto.] *Ibid.*, 1901 (1902), p. 7.  
 727. Notes from the Departmental Laboratory. *Bull. Geol. Surv. W. Austr.*, 6, 1902, pp. 1-85.  
 728. Supplement to the Census of Minerals of Western Australia. *Ibid.*, pp. 86-89.  
 729. [Report of.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1902 (1903), p. 8.  
 730. [Mineral Notes.] *Ibid.*, 1903 (1904), pp. 26-30.  
 731. Minerals of Economic Value. *Bull. Geol. Surv. W. Austr.*, 19, 1905.  
 732. [Mineral Notes.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1905, (1906), pp. 20-22.  
 733. [Ditto.] *Ibid.*, 1906 (1907), pp. 28-29.

## SIMPSON (E. S.) and GIBSON (C. G.)

734. The Distribution and Occurrence of the Baser Metals in Western Australia. *Bull. Geol. Surv. W. Austr.*, 30, 1907.

## SIMPSON (E. S.)

735. Tantalum and Niobium in Australia. *Rept. Austr. Assoc. Adv. Sci.*, xi, 1907 (1908), pp. 442-455; *Chem. News*, xcix, 1909, pp. 49-52, 77-80.  
 736. [Mineral Notes.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1907 (1908), pp. 12-13.  
 737. [Ditto.] *Ibid.*, 1908 (1909), p. 17.

## SIMPSON (E. S.) and GLAUERT (L.)

738. Description of the Crystalline Rocks of the Phillips River District. *Bull. Geol. Surv. W. Austr.*, 35, 1909, pp. 21-47.

## SIMPSON (E. S.)

739. [Mineral Notes.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1909 (1910), pp. 9, 15, 27.  
 740. Further Occurrences of Tantalum and Niobium in Western Australia. *Rept. Austr. Assoc. Adv. Sci.*, xii, 1909 (1910), pp. 310-315.  
 740A. Pilbarite: A New Mineral from the Pilbara Goldfields, Western Australia. *Chem. News*, cii, 1910, p. 283.  
 741. [Report of.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1910 (1911), p. 6.  
 742. [Report of.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1911 (1912), pp. 9-10.



743. Some Avenues of Research open to Natural History Students in Western Australia. *Journ. Nat. Hist. and Sci. Soc. W. Austr.*, iii, 1911, pp. 94-97.
744. Pilbarite: A. New Mineral from the Pilbara Goldfield. *Ibid.*, pp. 130-136.
- 744A. Census of Minerals of Western Australia. In *Guide to the Western Australian Museum*, 1912, Part vi, pp. 17-36. (Perth, 1912.)
- 744B. Unusual Types of Petrification from Dandarragan. *Journ. Nat. Hist. and Sci. Soc. W. Austr.*, iv, 1912, pp. 33-37.
- 744C. The Rare Metals and their Distribution in Western Australia. *Ibid.*, pp. 83-108.
- SIMPSON (E. S.) and GIBSON (C. G.)
- 744D. Contributions to the Study of the Geology and Ore Deposits of Kalgoorlie, East Coolgardie Goldfield, Part i. *Bull. Geol. Surv. W. Austr.*, 42, 1912.
- SIMPSON (E. S.)
- 744E. [Mineral Notes.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1912 (1913), p. 9 (*Rept. Dept. Mines W. Austr.*, 1912 (1913), p. 107).
- 744F. Radium-Uranium Ores from Wodgina. *Bull. Geol. Surv. W. Austr.*, 48, 1912, pp. 9-21.
- 744G. The Occurrence of Monazite at Cooglegong and Moolyella. *Ibid.*, pp. 44-48.
- 744H. A Peculiar Biotite (Anomite from Ubini). *Ibid.*, pp. 95-99.
- 744I. Miscellaneous Mineral Notes. *Ibid.*, pp. 105-111.
- 744J. [Mineral Notes.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1913 (1914), pp. 9-10.
- 744K. On Chloritoid and its Congeners with special Reference to the Chloritoid of Yampi Sound. *Bull. Geol. Surv. W. Austr.*, 64, 1915, pp. 61-78.
- 744L. Asphaltum from the Southern Coast of Australia. *Ibid.*, 65, 1915, pp. 40-49.
- 744M. [Mineral Notes.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1914 (1915), pp. 32-34.
- SINGERWALD (J. T.)
- 744N. Some Genetic Relations of Tin Deposits. *Econ. Geol.*, vii, 1912, pp. 263-279.
- SKEATS (E. W.)
745. On the Evidence of the Origin, Age, and Alteration of the Rocks from Heathcote, Victoria. *Procs. Roy. Soc. Vict.*, xxi, 1908, pp. 302-348.
746. The Gneisses and Altered Dacites of the Dandenong District (Victoria) and their Relations to the Dacites and Grano-diorites of the Area. *Quart. Journ. Geol. Soc.*, lxvi, 1910, pp. 450-469.
747. On the Occurrence of Nepheline in Phonolite Dykes at Omeo. *Rept. Austr. Assoc. Adv. Sci.*, xiii, 1911 (1912), pp. 126-131.
- 747A. Notes on a Plant-bearing Common Opal from Tweed River Heads, N. S. Wales. *Procs. Roy. Soc. Q'land*, xxvi, 1914, pp. 18-22.
- SKERTCHLY (S. B. J.)
748. The Tin Mines of Watsonville. *Geol. Surv. Q'land, Publication No. 119*, 1897.

749. On the Geology of the Country around Stanthorpe and Warwick, &c. *Ibid.*, No. 120, 1898.

SKEY (W.)

750. On the Formation of Gold Nuggets in Drift. *Trans. N. Zealand Inst.*, v, 1872, pp. 377-383; *Chem. News*, xxx, 1874, pp. 172-174.

SLAVIK (F.)

751. Mineralogische Notizen. *Zeits. Kryst.*, xxxix, 1904, pp. 302-303.

SLEE (W. H. J.)

752. Report on the Opal-fields at White Cliffs. *Ann. Rept. Dept. Mines N. S. Wales*, 1895 (1896), p. 83.

SMEETH (W. F.). [See DAVID (T. W. E.)]

SMITH (Miss C. D.) and COTTON (L. A.)

- 752A. Some Crystal Measurements of Chillagite. *Journ. Roy. Soc. N. S. Wales*, xlvi, 1912 (1913), pp. 207-219.

SMITH (G.)

753. Notes on the Minerals Occurring in the Australian Broken Hill Consols Mine. *Journ. Roy. Soc. N. S. Wales*, xxvii, 1893 (1894), pp. 368-375.

754. The Occurrence of Dyscrasite in the Australian Broken Hill Consols Mine. *Austr. Min. Stand.*, ix, 1893, p. 279; *Trans. Austr. Inst. Min. Engin.*, i, 1894, pp. 103-109.

755. The Ore Deposits of the Broken Hill Consols Mine. *Trans. Amer. Inst. Min. Engin.*, xxvi, 1896 (1897), pp. 69-78.

756. Catalogue and Description of Mineral Specimens from the New Australian Broken Hill Consols Mine, Ltd. (Lond., 1899).

757. Garnet Formations of Chillagoe. *Austr. Min. Stand.*, xxx, 1903, pp. 378-379, 413.

SMITH (H. G.)

758. On the Occurrence of Barite in the Hawkesbury Sandstone, near Sydney. *Procs. Linn. Soc. N. S. Wales*, vi, 1891, pp. 131-132.

759. On Kaolinite from the Hawkesbury Sandstone. *Journ. Roy. Soc. N. S. Wales*, xxv, 1891, pp. 171-178.

760. [Barite in the Hawkesbury Sandstone at Gosford.] *Procs. Linn. Soc. N. S. Wales*, vii, 1892 (1893), p. 328.

761. Occurrence of Evansite in Tasmania. *Journ. Roy. Soc. N. S. Wales*, xxvii, 1893, pp. 382-383.

762. On Almandine Garnets from the Hawkesbury Sandstone at Sydney. *Ibid.*, xxviii, 1894 (1895), pp. 47-50.

763. Gems and Precious Stones, &c. *Tech. Educ. Series, No. 11* (Sydney, Govt. Printer, 1896).

764. [Lepidolite, near Norseman, W. Australia]. *Journ. Roy. Soc. N. S. Wales*, xxx, 1896 (1897), p. 377.

SMYTH (R. B.)

765. On a New Mineral from McIvor (Heathcote). *Trans. Phil. Soc. Vict.*, ii, 1858, pp. 17-19.

767. A Catalogue of Minerals, Rocks, and Fossils, collected by the Mining Department, Melbourne, Victoria (Govt. Printer, Melbourne, 1866).

768. A Supplementary Catalogue of Minerals, Rocks, and Fossils, collected by the Mining Department, Melbourne, Victoria (*Id.*, 1869).



769. Mining and Mineral Statistics of Victoria. *Intercol. Exhib. Essays*, No. 2, 1866-1867 (pp. 103-144 of Official Record).
770. The Gold Fields and Mineral Districts of Victoria, &c. (Govt. Printer, Melbourne, 1869).
771. Mining and Mineral Statistics, with Notes on the Rock Formations of Victoria, &c. *Victorian Exhib.*, 1872-3. *London Internat. Exhib.*, 1873. Essays No. 1 (Melbourne, 1872).
772. [Chabazite (Phacolite), Richmond, Victoria.] *Prog. Rept. Geol. Surv. Vict.*, 1875 (1876), No. 3, pp. 104-109.
773. Descriptive Catalogue of Rocks, Minerals and Fossils, illustrative of the Geology, Mineralogy, and Mining Resources of Victoria. Melbourne—*Philadelphia Internat. Exhib.*, 1876, pp. 3-69 (Melbourne, 1875); *Philadelphia Centennial Exhib.*, 1876, pp. 5-71.
- SPENCER (L. J.)
774. Miersite, a Cubic Modification of Native Silver Iodide. *Nature*, lvii, 1898, p. 574.
775. Marshite, Miersite and Iodyrite from Broken Hill, New South Wales. *Min. Mag.*, xiii, 1901, pp. 38-53; *Zeits. Kryst.*, xxxv, 1902, pp. 452-467.
776. Mineralogical Notes on Western Australian Tellurides, &c. *Min. Mag.*, xiii, 1903, pp. 268-290.
- [See PRIOR, (G. T.)]
- STANLEY (E. R.)
- 776A. Lherzolite and Olivine from Mount Gambier. *Trans. Roy. Soc. S. Australia*, xxiv, 1910, pp. 63-68.
- STEEL (T.)
777. On a Mineral Occurring in Igneous Rock at Yarradale. *Vict. Nat.*, vii, 1890-1, pp. 95-96.
- STEINER (C.)
778. Über australische und afrikanische Azurit und ägyptische Chrysolithe. *Ann. Mus. nat. Hung.*, iv, 1906, pp. 293-309 (Hung.); pp. 310-319 (Germ.).
- STELZNER (A. W.)
779. [Supplementary Notes on Rock Specimens, Elder Expedition.] *Trans. Roy. Soc. S. Austr.*, xvi, 1893, pp. 110-112.
- STEPHEN (G. M.)
780. On the Gems and Gold Crystals of the Australian Colonies. *Quart. Journ. Geol. Soc.*, x, 1854, pp. 303-308.
781. On the Gems of Australia, with a Dissertation on Mineralogy as applied to them. *Trans. Roy. Soc. N. S. Wales*, 1872 (1873), pp. 75-82.
- STEPHENS (W. J.)
782. [Waterstones, Casino, N. S. Wales.] *Procs. Linn. Soc. N. S. Wales*, viii, 1883 (1884), p. 219.
- STERRETT (D. B.)
- 782A. The Producton of Precious Stones in 1906. *U. S. Geol. Surv., Mineral Resources*, 1906 (1907), pp. 1213-1252. [Reviews.]
- 782B. Ditto. *Ibid.*, 1910 (1911), pp. 847-900. [Reviews.]
- STEVANOVIĆ (S.)
783. Beiträge zur Kenntniss der Mineralien der Zirkon-Gruppe. *Zeits. Kryst.*, xxxvii, 1902, pp. 247-256.

## STOKES (H. G.)

784. Notes on the Occurrence of a Green Mineral in the Schists of Adelaide Street, Brisbane. *Procs. Roy. Soc. Q'land*, 1892-4 (1894), pp. 1-13.

[See HALL (E.)]

## STONIER (G. A.)

785. Geological Notes on the Swamp Oak and Niangala Geldfield. *Rec. Geol. Surv. N. S. Wales*, iii, 1892, pp. 60-68; *Ann. Rept. Dept. Mines N. S. Wales*, 1892 (1893), pp. 127-137.

786. On the Occurrence of Leucite-basalt at Lake Cudgellico. *Rec. Geol. Surv. N. S. Wales*, iii, 1893, pp. 71-74; *Ann. Rept. Dept. Mines N. S. Wales*, 1894 (1895), pp. 131-136.

787. Notes on the Occurrence of Diamonds at Bingera. *Rec. Geol. Surv. N. S. Wales*, iv, 1894, pp. 51-56; *Ann. Rept. Dept. Mines N. S. Wales*, 1894 (1895), pp. 131-136.

## STREETER (E. W.)

788. Precious Stones and Gems, &c. (London, 1892).

789. Australian Gems. *Austr. Min. Stand.*, viii, 1892, p. 276.

## STUTCHBURY (S.)

790. [Combing Copper Mine, N. S. Wales.] *Papers relative to Geol. Surveys*, 12 April, 1851, p. 25.

791. [Platinum, Turon River, N. S. Wales.] *Ibid.*, 9 June, 1851, p. 16; 18 July, p. 31.

792. [Diamond, Turon River, N. S. Wales.] *Ibid.*, (a) 18 Oct., pp. 38-39; (b) 27 Oct., p. 34.

793. [Stilbite, Mount Nomby, &c., N. S. Wales.] *Ibid.*, 1 April, 1853, p. 4.

## SÜSSMILCH (C. A.)

794. [Quartz and Calcite, Dundas, near Parramatta, N. S. Wales.] *Journ. Roy. Soc. N. S. Wales*, xi, 1906 (1907) (Abstract of Proceedings), p. xxii.

[See JENSEN (H. I.), JEVONS (H. S.)]

## TALBOT (H. W. B.)

795. Geological Observations on the Country between Wiluna, Hall's Creek, and Tanami. *Bull. Geol. Surv. W. Austr.*, 39, 1910.

- 795A. Molybdenite at Swan View. *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1914 (1915), p. 23.

## TATE (R.)

796. [Presidential Address.] *Trans. Phil. Soc. Adelaide*, ii, 1878-9 (1879), pp. xxxix-lxxv.

## TATE (R.) and WATT (J. A.)

797. Report on the Work of the Horn Scientific Expedition to Central Australia: Part 3, Geology and Botany, pp. 70, 71 (London and Melbourne, 1896).

## TATE (R.)

798. Guide to the Museum of the South Australian School of Mines and Industries (Mineralogy, &c., pp. 206-224). *Ann. Rept. S. Austr. School of Mines and Inds.*, 1898 (1899).

## TAYLOR (N.) and THOMSON (A. M.)

799. On the Occurrence of the Diamond, near Mudgee. *Trans. Roy. Soc. N. S. Wales*, 1870 (1871), pp. 94-106; *Industr. Prog. N. S. Wales*, 1870 (1871), pp. 567-578.



- TAYLOR (N.)  
 800. [Zeolites, Richmond, Victoria.] *Prog. Rept. Geol. Surv. Vict.*, 1878 (1880), No. 6, pp. 78-79.  
 801. On the Cudgegong Diamond Field, New South Wales. *Geol. Mag.*, vi, 1879, pp. 399-412, 444-458.  
 801A. Notes on the Geology of the West Tamar District, Tasmania. *Trans. and Procs. Roy. Soc. Vict.*, xvi, 1879 (1880), pp. 155-165.  
 [See SELWYN (A. R. C.)]
- TAYLOR (T. G.). [See DAVID (T. W. E.), JEVONS (H. S.), MAWSON (D.)]
- THIBAUT (P. J.)  
 802. Metallurgy of Tin (London, 1908).
- THIELE (E. O.)  
 803. Notes on the Dolobrook Serpentine Area and the Mount Wellington Rhyolites (N. Gippsland.) *Procs. Roy. Soc. Vict.*, xxi, 1908, pp. 249-267.
- THOMPSON (W.)  
 804. Report of the Mineralogical Lecturer for the Year 1891. *Ann. Rept. Under-Secy. Mines Q'land*, 1891 (1892), pp. 133-139.
- THOMSON (A. M.) [See TAYLOR (N.)]
- THOMSON (J. A.)  
 805. The Diamond Matrices of Australia. *Geol. Mag.*, vi, 1909, pp. 492-497.  
 806. Petrological Notes. *Bull. Geol. Surv. W. Austr.*, 33, 1909, pp. 129-175.  
 806A. The Tellurides of Kalgoorlie. *Monthly Journ. Chamber of Mines W. Austr.*, 30 Sept., 1912, 12 pp.  
 806B. On the Petrology of the Kalgoorlie Field (Western Australia). *Quart. Journ. Geol. Soc.*, lxxix, 1911, pp. 621-676.
- THUREAU (G.)  
 807. Native Copper at Mount Lyell. *Austr. Min. Stand.*, 1901, pp. 46-47.
- TOBORFFY (Z.)  
 808. [Anglesite, Broken Hill, N. S. Wales.] *Ann. Mus. nat. Hung.*, v, 1907, pp. 494-496; *Zeits. Kryst.*, xlv, 1908, pp. 601-603.
- TRAUBE (H.)  
 809. Ueber den Molybdängehalt des Scheelits, und die Trennung der Wolframsäure von der Molybdänsäure. *Neues Jahrb. Min.*, Beil-Bd., vii, 1890, p. 232.
- TRYON (H.)  
 810. [Strontium Mineral (Bario-celestite) from Eight Mile Plain, Queensland.] *Procs. Roy. Soc. Q'land*, v, 1888 (1889), p. 33.
- TSCHERMAK (G.)  
 811. [Brochantite, N. S. Wales]. *Sitz. d. k. Akad. Wiss. Wien.*, li, 1865, p. 131 ff.  
 812. Ueber Atakamit. *Tscherm. min. Mitth.*, 1873, pp. 39-42.
- TWELVETREES (W. H.) and PETTERD (W. F.)  
 813. On the Occurrence of Limurite in Tasmania. *Papers and Procs. Roy. Soc. Tas.*, 1897 (1898), pp. 1-6.  
 814. The Topaz Quartz Prophyry, or Stanniferous Elvan Dykes of Mount Bischoff. *Ibid.*, pp. 119-128.  
 815. Supplementary Note on Limurite in Tasmania. *Ibid.*, 1898-9 (1900), pp. 1-2, 56-59.

816. On Häuyne-trachyte and allied Rocks in the District of Port Cygnet and Oyster Cove. *Ibid.*, pp. 3-26.  
 817. On the Felsites and allied Rocks of Mount Read and Vicinity. *Ibid.*, pp. 33-46.  
 818. On Mesozoic Dolerite and Diabase in Tasmania. *Ibid.*, pp. 47-55.  
 819. Nepheline and Melilite Rocks from Shannon Tier. *Ibid.*, pp. 60-64.

TWELVETREES (W. H.)

820. Report on the Asbestos Deposits, Anderson's Creek, Beaconsfield. *Rept. Secy. Mines Tas.*, 1899-1900 (1900), pp. xxxi-xl.  
 821. Report on the Mineral Fields between Waratah and Corinna. *Ibid.*, pp. cxl-cviii.  
 822. Petrographical Report. *Ibid.*, pp. ccix-ccxiv.  
 823. Ditto. *Ibid.*, 1900-1 (1901), pp. cii-ev.  
 824. Report on the Mineral District of Zeehan and Neighbourhood. *Ibid.*, pp. 3-108.  
 825. Reports on the Mineral Districts of Mounts Huxley, Jukes, and Darwin. *Ibid.*, pp. 109-144.  
 826. Report on the Blythe River Iron Ore. *Ibid.*, pp. 171-183.  
 826A. Report on the Tin-bearing Capabilities of the Gladstone District. *Ibid.*, pp. 232-267.  
 827. Description and Analysis of a New Species of Mineral, Petterdite—a new Oxy-chloride of Lead. *Ibid.*, pp. 356-357; *Papers and Procs. Roy. Soc. Tas.*, 1900-1 (1902), pp. 51-52.  
 828. Report on the Tin Mines of the Blue Tier, Co. Dorset. *Rept. Secy. Mines Tas.*, 1901-2 (1902), pp. 91-123.  
 829. Report on the Deposits of Opal at Bothwell and an Alleged Discovery of Gold at Hunterston on the Shannon. *Ibid.*, pp. 252-259.  
 830. Report on Mineral Fields between Waratah and Long Plains. *Ibid.*, 1903 (28 Sept.).  
 831. On the Nomenclature and Classification of Igneous Rocks in Tasmania. *Rept. Austr. Assoc. Adv. Sci.*, ix, 1902 (1903), pp. 264-307.  
 832. A Geological Excursion to Port Cygnet in Connection with the Australasian Association for the Advancement of Science, 1902. *Papers and Procs. Roy. Soc. Tas.*, 1903-5 (1906), pp. 41-48; *Rept. Secy. Mines Tas.*, 1902-3 (1903), pp. 25-32.  
 833. Report on North West Coast Mineral Deposits. *Rept. Secy. Mines Tas.*, 1905 (1906), pp. 9-59.  
 834. [Diamond, Donaldson District, Tasmania.] *Prog. Min. Indust. Tas.*, for Quarter ending 30 June, 1906, pp. 13-14.  
 835. [Stannite, Zeehan, Tasmania.] *Ibid.*, for Quarter ending 31 Mar., 1907, pp. 17-18; *Rept. Secy. Mines Tas.*, 1907 (1908), pp. 32-33.  
 836. Report on the Bell Mount and Middlesex District. *Rept. Secy. Mines Tas.*, 1907 (1908), pp. i-xxx.  
 837. The Lisle Gold Field. *Ibid.*, 1908 (1909), pp. cxxi-cliii; *Bull. Geol. Surv. Tas.*, 4, 1909.  
 838. Gunn's Plains, Alma and other Mining Fields, North West Coast, Tasmania. *Bull. Geol. Surv. Tas.*, 5, 1909; *Rept. Secy. Mines Tas.*, 1909 (1910), pp. i-xxxviii.



## TWELVETREES (W. H.) and WARD (L. K.)

839. The Ore-bodies of the Zeehan Field. *Bull. Geol. Surv. Tas.*, 8, 1910.

## TWELVETREES (W. H.)

840. The Scamander Mineral District. *Bull. Geol. Surv. Tas.*, 9, 1911.  
 840A. The Tasmanite Shale Fields of the Mersey District. *Ibid.*, 11, 1912.  
 840B. The Middlesex and Mount Claude Mining Field. *Ibid.*, 14, 1913.  
 840C. Osmiridium, Bald Hills, Heazlewood District, Tasmania. *Rept. Secy. Mines Tas.*, 1913 (1914), pp. 85-86.  
 840D. The Bald Hill Osmiridium Field. *Bull. Geol. Surv. Tas.*, 17, 1914.  
 840E. Stichtite, a New Tasmanian Mineral. *Rec. Geol. Surv. Tas.*, No. 2, 1914.  
 840F. Catalogue of Publications issued by the Government of Tasmania relating to the Mines, Minerals, and Geology of the State. *Bull. Geol. Surv. Tas.*, 22, 1915.

## ULLMANN (A. T.)

- 840G. A New Mineral. *Journ. Roy. Soc. N. S. Wales*, xlvii, 1912, p. 186.

## ULRICH (G. H. F.)

841. [Victorian Minerals.] *Berg. u. hütten. Ztg.*, xviii, 1859, p. 221; *Neues Jahrb. Min.*, 1860, p. 79.  
 842. [Ditto.] *Verh. k. k. geol. Reichsanst.*, 1861, pp. 23-28.  
 843. Mineral Species of Victoria. *Intercolonial Exhib. Essays*, No. 3, 1866-7 (1867) (pp. 184-235 of Official Record).  
 844. Contributions to the Mineralogy of Victoria. *Mineral Statistics, Vict.*, 1869 (1870), Appendix E, pp. 52-67; also separate (Melbourne, 1870).  
 845. Observations on some of the Tin Discoveries in New England, New South Wales. *Quart. Journ. Geol. Soc.*, xxix, 1873, pp. 5-11.  
 846. [Minerals, Maldon, Victoria.] *Prog. Rept. Geol. Surv. Vict.*, 1874 (1875), No. 2, pp. 129-130.  
 847. Maldonit und Herschellit aus Australien. *Neues Jahrb. Min.*, 1875, pp. 287-288.  
 848. [Selwynite, Heathcote, Victoria.] *Amer. Journ. Sci.*, xi, 1876, p. 235.  
 849. Report of an Inspection of the Bismuth Mine at Mount Ramsay, Tasmania (Hobart, 1876).  
 850. [Tasmanian Minerals.] *Neues Jahrb. Min.*, 1877, pp. 494-497.

## UNGEMACH (H.)

851. Sur la Stibio-tantalite. *Bull. Soc. fr. Min.*, xxxii, 1909, pp. 92-101.  
 852. L'Atacamite. *Ibid.*, xxxiv, 1911, pp. 148-210.

## UNITED STATES GEOLOGICAL SURVEY.

- 852A. [Platinum and Vanadium in Australian Coal.] *17th Ann. Rept. U. S. Geol. Surv.*, 1895-6 (1896), Part iii, pp. 282-283.

## VAN NAME (R. G.)

853. On Crystals of Crocoite from Tasmania. *Amer. Journ. Sci.*, xiii, 1902, pp. 339-342; *Zeits. Kryst.*, xxxvi, 1901-2, pp. 555-557.

## VICTORIA, DEPARTMENT OF MINES.

854. [Assays, &c.] *Ann. Rept. Secy. Mines Vict.*, 1911 (1912).  
 854A. [Victorian Minerals.] *Ibid.*, 1912 (1913), pp. 25, 116, 117.  
 854B. List of Nuggets found in Victoria. *Geol. Surv. Vict. Mem.*, No. 12, 1912.  
 854C. [Victorian Minerals.] *Ann. Rept. Secy. Mines Vict.*, 1913 (1914).

VOGELSANG (K.). [See SCHMEISSER (K.)]

VOLGER (O.)

855. Erde und Ewigkeit; die natürliche Geschichte der Erde, &c., p. 497 (Frankfort-on-Main, 1857); *Neues Jahrb. Min.*, 1864, pp. 339-340.

WACHSMUTH (R.)

856. [Cassiterite, Greenbushes, W. Australia.] *Ann. Rept. Dept. Mines W. Austr.*, 1895 (1896), Appendix 6, p. 32.

WADE (A.)

- 856A. The Supposed Oil-bearing Areas of South Australia. *Bull. Geol. Surv. S. Austr.*, No. 4, 1915.

WALCOTT (R. H.)

857. Additions and Corrections to the Census of Victorian Minerals. *Proc. Roy. Soc. Vict.*, xiii, 1900 (1901), pp. 253-272.

WALKOM (A. B.)

- 857A. Notes on some Recently Discovered Occurrences of the Pseudomorph Glendonite. *Proc. Linn. Soc. N. S. Wales*, xxxviii, 1913, pp. 160-168.

WALLACE (W. H.)

858. [Scheelite, King Island, Tasmania.] *Prog. Mineral Industry Tas.*, for quarter ending 30 June, 1908, p. 15.  
 859. [Scheelite and Barite, Tasmania.] *Rept. Secy. Mines Tas.*, 1908 (1909), pp. 26-27.  
 860. [Osmiridium, Savage River, Tasmania.] *Ibid.*, 1911 (1912), pp. 43-47.  
 861. [Ditto.] *Prog. Mineral Industry Tas.*, for quarter ending 30 Sept., 1911, p. 12.  
 861A. [Tasmanian Minerals.] *Rept. Secy. Mines Tas.*, 1912 (1913), pp. 65, 67.  
 861B [Osmiridium, Tasmania.] *Rept. Secy. Mines Tas.*, 1914 (1915), pp. 54-55.

WALLER (G. A.)

862. Report on the Mineral Districts of Bell Mount, Dove River, &c. *Rept. Secy. Mines Tas.*, 1900-1 (1901), pp. 184-231.  
 863. Report on a Recent Discovery of Cannel Coal in the Parish of Preolenna, and upon the New Victory Copper Mine, near the Arthur River. *Ibid.*, 1901-2 (1902), pp. 77-90.  
 864. Report on the Tin Ore Deposits of North Dundas. *Ibid.*, pp. 139-158.  
 865. Report on the Ore Deposits other than these of Tin of North Dundas. *Ibid.*, pp. 172-237.

WALLER (G. A.) and HOGG (E. G.)

866. The Tourmaline-bearing Rocks of the Heemskirk District. *Ibid.*, 1902-3 (1903), pp. 11-24; *Papers and Proc. Roy. Soc. Tas.*, 1902 (1903), pp. 143-156.

WALLER (G. A.)

867. Some Modern Theories concerning Ore Deposits. *Rept. Austr. Assoc. Adv. Sci.*, ix, 1902 (1903), pp. 205-250.  
 868. Report on the Iron and Zinc-lead Ore Deposits of the Comstock District. *Rept. Secy. Mines Tas.*, 1 Feb., 1903.  
 869. Report on the Prospects of the Stanley River Tin-field. *Ibid.*, 25 Jan., 1904.



- WALLMANN (H. F.)  
870. Pseudomorphism in Minerals. *Procs. Roy. Soc. Q'land*, i, 1884, pp. 32-35.
- WALPOLE (G. S.)  
871. Account of the Separation and Identification of a Kaolin Incrustation on Pyrolusite from Broken Hill. *Procs. Roy. Soc. Vict.*, xvii, 1904 (1905), pp. 361-365.
- WARD (L. K.)  
872. The Mount Farrell Mining Field. *Bull. Geol. Surv. Tas.*, 3, 1908; *Rept. Secy. Mines Tas.*, 1908 (1909), pp. i-cxx.  
873. The Tinfields of North Dundas. *Bull. Geol. Surv. Tas.*, 6, 1909; *Rept. Secy. Mines Tas.*, 1908 (1909), pp. 73-75.  
874. The Mount Balfour Mining Field. *Bull. Geol. Surv. Tas.*, 10, 1911.  
875. The Origin of certain Contact Rocks with a High Content of Lime and Magnesia. *Rept. Austr. Assoc. Adv. Sci.*, xiii, 1911 (1912), pp. 176-187.
- WARD (L. K.) and JACK (R. LOCKHART)  
875A. The Yelta and Parramatta Mines. *Rept. Geol. Surv. S. Austr.*, No. 1, 1912.
- WARD (L. K.)  
875B. The Mount Painter District. *Review of Min. Operations in the State of S. Australia* during the half-year ended 31 Dec., 1912, No. 17, pp. 27-33 (Adelaide Govt. Printer, 1913).  
875C. Annual Report of the Government Geologist, South Australia, 1912 (1913).  
875D. The Possibilities of the Discovery of Petroleum on Kangaroo Island and the Western Coast of Eyre's Peninsula. *Bull. Geol. Surv. S. Austr.*, No. 2, 1913.  
875E. The Geology of Moonta and its District. *Ann. Rept. Govt. Geol. S. Austr.*, 1913 (1914), pp. 6-8.  
875F. [Reports by.] *Rev. of Min. Operations in the State of S. Australia* during the half-year ended Dec. 31, 1913, No. 19, pp. 26-43. (Adelaide, Govt. Printer, 1914.)  
875G. [Ditto.] *Ibid.*, during the half-year ended June 30, 1914, No. 20. (*Id.*, 1915.)  
875H. Twin Crystals of Staurolite. *Ann. Rept. Govt. Geol. S. Austr.*, 1914 (1915), pp. 8-9.  
[See TWELVETREES (W. H.)]
- WARD (—)  
876. [Asbestos, West Tamar, Tasmania.] *Papers and Procs. Roy. Soc. Tas.*, 1882 (1883), p. xlv.
- WARREN (H. N.)  
877. A New Silver Ore. *Chem. News*, lxi, 1892, p. 42.
- WATERHOUSE (L. L.)  
877A. Notes on the Heemskirk Tinfield. *Rept. Secy. Mines Tas.*, 1913 (1914), pp. 90-94.  
877B. The Stanley River Tin-field. *Bull. Geol. Surv. Tas.*, 15, 1914.  
877C. Reconnaissance of the North Heemskirk Tin-field. *Rept. Geol. Surv. Tas.*, No. 6, 1915.

## WATKINS (A. O.)

878. [Tetradymite, Coolgardie, W. Australia.] *Quart. Journ. Geol. Soc.*, li, 1895, p. xciv.

## WATT (J. A.)

879. Report on the Work of the Horn Scientific Expedition to Central Australia, Part 3 (Geology and Botany), pp. 76-81 (London and Melbourne, 1896).
880. Report on Discoveries of Diamonds at Upper Tarlo. *Ann. Rept. Dept. Mines N. S. Wales*, 1897 (1898), pp. 181-182.
881. Notes on the Occurrence of Bismuth Ores in New South Wales. *Dept. Mines N. S. Wales, Mineral Resources*, No. 4, 1898.
882. Note on a Deposit of Specular Iron at Gobandery. *Ann. Rept. Dept. Mines N. S. Wales*, 1898 (1899), pp. 173-174.
- [See DAVID (T. W. E.), TATE (R.)]

## WEDEKIND (—) and MAAS (—)

883. [Euxenite, Cooglegong, W. Australia.] *Zeits. f. angew. Chemie.*, 1910, heft 49, p. 2314 [fide E. S. Simpson, *Journ. Nat. Hist. and Sci. Soc. W. Austr.*, iv, 1911-1912, p. 101.]

## WEED (W. H.)

884. A Gold-bearing Hot Spring Deposit. *Amer. Journ. Sci.*, xlii, 1891, pp. 166-169.

## WEISBACH (A.)

885. Über eine Pseudomorphose von Opal aus Australien. *Neues Jahrb. Min.*, ii, 1898, pp. 150-151.

## WESTERN AUSTRALIA, GEOLOGICAL SURVEY OF.

- 885A. Annual Progress Report, 1914 (1915).

## WHITE (H. P.)

886. Note on Glaucophanes Schists from Australia and New Caledonia. *Rec. Geol. Surv. N. S. Wales*, vii, 1902, pp. 47-49.
- [See CARD (G. W.)]

## WHITE (O. E.) and MACLEOD (W. A.)

887. Notes on a "Fayalite Basalt" from One Tree Point. *Papers and Procs. Roy. Soc. Tas.*, 1898-9 (1900), pp. 78-80; *Rept. Secy. Mines Tas.*, 1899-1900 (1900), pp. xlvii-l.
- [See MACLEOD (W. A.)]

## WILKINSON (C. S.)

888. On the Theory of the Formation of Gold Nuggets. *Trans. Roy. Soc. Vict.*, viii, 1867 (1868), pp. 11-15.
889. [Report of.] *Ann. Rept. Dept. Mines N. S. Wales*, 1877 (1878), pp. 197-207.
890. On the Formation of the Diamond in the Tertiary Drifts of New South Wales. *Geol. Mag.*, vii, 1880, p. 428.
891. Notes on the Geology of New South Wales. In *Min. Prod. N. S. Wales, Dept. Mines*, 1882.
892. [Bismuth, Kingsgate, N. S. Wales.] *Ann. Rept. Dept. Mines N. S. Wales*, 1882 (1883), pp. 27-29; *Ibid.*, 1883 (1884), pp. 154-155.
893. Report on Cinnabar Deposit at Cudgegong. *Ibid.*, 1884 (1885), p. 152.



894. Report on the Mudgee and Gulgong District. *Ibid.*, 1886 (1887), pp. 137-138.
895. Geological Examination of the Diamond-bearing Formations in the Inverell District. *Ibid.*, 1887 (1888), p. 141.
896. Notes on the Geology of the Barrier Ranges District and Mount Brown and Tibooburra Goldfield. *Rec. Geol. Surv. N. S. Wales*, i, 1889, pp. 1-9.
897. Report on the Diamond Mine at Mittagong. *Ann. Rept. Dept. Mines N. S. Wales*, 1890 (1891), pp. 210-211.
- WINTLE (H. S.)
898. Stanniferous Deposits of Tasmania. *Trans. Roy. Soc. N. S. Wales*, ix, 1875 (1876), pp. 87-95.
899. [Topaz, Mount Cameron, Tasmania.] *Papers and Procs. Roy. Soc. Tas.*, 1882 (1883), p. xlv.
- WOLFF (G.)
900. Das Australische Gold, seine Lagerstätten und seine Associationen. *Zeits. d. deuts. geol. Ges.*, xxix, 1877, pp. 82-183.
- WOODWARD (H. P.)
901. Mining Handbook to the Colony of Western Australia. [Mineralogy, &c., pp. 34-57.] (Govt. Printer, Perth, 1894.)
902. [Graphite, Donnelly River, W. Australia.] *Rept. Dept. Mines W. Austr.*, 1894 (1895), p. 9.
903. The so-called Lode Formation of Hannan's, and Telluride Deposits in Western Australia. *Geol. Mag.*, ix, 1897, pp. 550-553.
904. [Phosphates, Wagin, W. Australia.] *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1905 (1906), pp. 14-16.
905. Note on the Geology of the Greenbushes Tinfield, &c. *Bull. Geol. Surv. W. Austr.*, 32, 1908.
906. Wodgina Tin-mining Centre. *Ann. Prog. Rept. Geol. Surv. W. Austr.*, 1909 (1910), p. 17.
907. The Geology and Ore Deposits of the West Pilbara Goldfield. *Bull. Geol. Surv. W. Austr.*, 41, 1911.
- 907A. Guano Deposits at Watheroo. *Ibid.*, 48, 1912, pp. 22-29.
- 907B. A Geological Reconnaissance of a Portion of the Murchison Gold-field. *Ibid.*, 57, 1914.
- WOOLNOUGH (W. G.)
908. Symmetrically Distorted Crystals from Marble Bar, Pilbarra, W. Australia. *Journ. Roy. Soc. N. S. Wales*, xxxv, 1901, pp. 332-335.
909. The General Geology of Marulan and Tallong, N. S. Wales. *Procs. Linn. Soc. N. S. Wales*, xxxiv, 1909 (1910), pp. 782-808.
910. Note on the Occurrence of *Eurygdesma* in the Upper Marine (Permian-Carboniferous) of New South Wales. *Journ. Roy. Soc. N. S. Wales*, xlv, 1910, pp. 556-559.
- 910A. Report on the Geology of the Northern Territory. *Bull. North. Terr.*, No. 4 (Melbourne, 1912).
- [See DAVID (T. W. E.).]
- ZEPHAROVICH (V. v.)
911. Die Atakamit Krystalle aus Süd-Australien. *Sitz. d. k. Akad., Wiss. Wien.*, lxiii, 1871, pp. 6-12; *Ibid.*, lxviii, 1873, pp. 120-131.

## AUSTRALIA GENERALLY.

### GENERAL WORKS AND PAPERS.

- ETHERIDGE (R., junr.) and DUN (W. S.). The Australian Geological Record, 1891-1897. *Rec. Geol. Surv. N. S. Wales*, iii, 1892, pp. 86-109, 132-153; iv, 1894, pp. 68-99; iv, 1895, pp. 168-198; v, 1897, pp. 87-111; v, 1898, pp. 183-203; vi, 1899, pp. 118-150.
- ETHERIDGE (R., junr.) and JACK (R. L.). Catalogue of Works, Papers, Reports, and Maps, on the Geology, Palæontology, Mineralogy, Mining and Metallurgy, &c., of the Australian Continent and Tasmania. In *Min. Prod. N. S. Wales (Dept. Mines)*, 1882, pp. 131.
- KRAUSE (F. M.). An Introduction to the Study of Mineralogy for Australian Readers (1896).

### SUBJECT INDEX.

- Agate. 1, p. 163.
- Apophyllite. 1, p. 158-160.
- Asbestos. 444.
- Beryl. 671.
- Cachalong. 1, p. 163.
- Diamond. 655, 788, p. 75.
- Garnet. 441.
- Gemstones. 763, 780, 781, 788.
- Gold (*Occurrence, &c.*) 196, 223, 224, 226, 234, 243, 373, 496, 502, 706A, 710, 716, 900.
- Nuggets. 59, 497, 503, 504, 603, 663, 750, 770, pp. 355-378, 843, pp. 43-45, 888.
- Heulandite. 1, pp. 160-161.
- Irisdosmine. 235.
- Natrolite. 1, p. 161.
- Niobium (*Occurrence*). 735, 740.
- Nuggets. [*See Gold.*]
- Opal. 399, 656, 704.
- Phillipsite. ("Bass Strait.") 292.
- Platinum. 235; (*in coal*), 448, 852A.
- Sapphire. 76, 77, 77A.
- Stilbite. 1, p. 161.
- Tantalite. 329B, pp. 2, 37.
- Tantalum (Occurrence)*. 735, 740.
- Topaz. 286, p. 364.
- Vanadium (in coal)*. 852A.



## NEW SOUTH WALES.

## GENERAL WORKS AND PAPERS.

- CARD (G. W.). Handbook to the Mining and Geological Museum, Sydney. (Sydney, 1902.)
- DUN (W. S.). A Locality Index to the Reports of the Geological Survey of New South Wales. *Rec. Geol. Surv. N. S. Wales*, iii, 1893, pp. 154-194.  
 ——— Contribution to a List of Papers and Reports dealing with the Economic Geology of New South Wales. *Ibid.*, vi, 1900, pp. 183-357.
- LIVERSIDGE (A.). The Minerals of New South Wales (London, 1888).  
 ——— Mineral Census of Australasia. *Rept. Austr. Assoc. Adv. Sci.*, ii, 1890 (N. S. Wales, pp. 207-216).
- MARSH (C. W.). Notes on Some Broken Hill and other Barrier Minerals. *Trans. Austr. Inst. Min. Engin.*, iv, 1897, pp. 138-159.
- PITTMAN (E. F.). The Mineral Resources of New South Wales. (Sydney, 1901.)
- PORTER (D. A.). Minerals and Mineral Localities in the Northern Districts of New South Wales. *Journ. Roy. Soc. N. S. Wales*, xviii, 1884 (1885), pp. 75-80; xxii, 1888 (1889), pp. 78-85; xxviii, 1894 (1895), pp. 39-44.
- SMITH (G.). Notes on the Minerals occurring in the Australian Broken Hill Consols Mine. *Journ. Roy. Soc. N. S. Wales*, xxvii, 1893, pp. 368-375.  
 ——— Catalogue and Description of Mineral Specimens from the New Australian Broken Hill Consols, Limited, Broken Hill, N. S. Wales. (London, 1899.)

## SUBJECT INDEX.\*

- Actinolite.** Giant's Den, Bendemeer, 659; Woolshed Gap, Bundarra, 659; Tingha, 659; Trunkey, 129.
- Adularia.** Cockburn Creek, near Moonbi, 10.
- Ægirite.** Bowral, 538, p. 587; Hedley Tarn, Snowy River, 122.
- Almandite.** Hawkesbury Sandstone, Sydney, 762.
- Alum.** Burragorang, 122; Camel's Back, Mt. Victoria, 558, p. 63; Turpentine Range, near Nowra, 127, 566A, p. 153; Shoalhaven, 559, p. 72; Wallerawang, 551, 559, p. 72.  
 [See also "Magnesia-Zinc Alum," Pickeringite.]
- Aluminium phosphate.** Between Clarence and Richmond Rivers, 129.
- Aluminium sulphate.** Mt. Wingen, 564, p. 206.
- Alunite.** Bullahdelah, Co. Gloucester, 175, 515A, 556, p. 56, 557, p. 51, 651, pp. 415-419.
- Alunogen.** Bungonia, 247, 484, p. 156; Wallerawang, 484, p. 156.
- Amethyst.** Bowral, 194, p. 260; Dundas, near Parramatta, 794; between Eden and Twofold Bay, 194, p. 260; Glen Elgin, near Glen Innes, 657; Oberon, 194, p. 260.
- Amphibole.** [See Actinolite, Arfvedsonite, Asbestos, Glaucophane, Smaragdite, Tremolite.]
- Analcite.** Ben Lomond, near Glencoe, Co. Gough, 11, 659; Inverell, 891, p. 62; Prospect, near Parramatta, 123, pp. 100-101, 129, p. 271, 439, pp. 499-503, 571A, p. 197.

\* In the case of minerals marked with an asterisk (\*) additional localities and information, chiefly of economic interest, will be found recorded in the Annual Reports and Mineral Resources published by the Department of Mines.



- Andalusite.** Cartwright's Creek, near Purnamoota, Barrier District, **544B**, p. 274; Cooma, **95A**, pp. 191, 193; Newbridge, **54**, p. 538; Burra Creek, Tumberumba, **110**. [*See also Chialtolite.*]
- Andradite.** Wallerawang, **483**, pp. 82-83, **484**, pp. 87-89, 203-204.
- Anglesite.** Broken Hill, **12**, **14**, **365**, **534**, pp. 154-155, **753**, p. 373, **808**; Lewis Ponds, **8**, **130**, p. 69; Umberumberka, Barrier District, **494**.
- Annabergite.** Carcoar, **202**, **651**, pp. 227-228.
- Antigorite.** Hall's Creek, near Bingara, **55B**, p. 675; Munro's Creek, near Nundle, **55B**, p. 674-675.
- Antimony.** Armidale, **122**; Broken Hill, **756**, p. 4; Hillgrove, **659**; Lucknow, **146A**, p. 39, **493**.
- Antimony Ores (general).** **146A**.
- Antimonial silver chloride.** Broken Hill, **643**, pp. 50-51, **651**, pp. 107, 248, **753**, p. 371, **755**, pp. 75-77.
- Apatite.** Broken Hill, **127**, **421**, p. 135, **501**; Byrock, **122**; El Capitan, **122**; Gordonbrook, **115**, **560**, p. 207, **583**; Tallong, **909**, p. 804.
- Aragonite.** Near Bingara, **659**; Broken Hill, **753**, p. 375; Dundas, near Parramatta, **55**, pp. 545-546; Big Plain, Inverell, **659**; Swanvale, near Glen Innes, **659**.
- Arfvedsonite.** Gib Rock, near Bowral, **538**, p. 591.
- Argentite.** Broken Hill, **753**, p. 369; Day Dream District, Barrier, **494**, p. 240; Wollumbi, near Armidale, **494**, p. 240.
- Arsenate of Copper and Iron.* Ardlethan, **331A**, pp. 6, 7, 45, **571C**, p. 219.
- Arsenopyrite.** Borah Creek, Inverell, **182**; Broken Hill, **293**, **562**, p. 188; Grenfell, **127**; Kingsgate, **106**; Lucknow, **649**, p. 6; Sunny Corner, **106**; Swamp Oak, **785**, p. 67; Tallong, **143**, p. 413; Tambaroora, **108**; Windeyer, **108**. [*See also Danaite.*]
- Asbestos.** Rockwell, near Broken Hill, **421**, pp. 57, 134, **444**, pp. 72-73, **651**, p. 423; near Cootamundra, **564**, p. 206; Cow Flat, Bathurst, **444**, pp. 73-74, **484**, p. 181, **550**, p. 291; Gordonbrook, **362**, p. 118; Jones Creek, Gundagai, **362**, p. 118, **444**, p. 72, **515**, **651**, pp. 423-424; Lucknow, **494**; near Moonbi, **129**; Newbridge, **54**, p. 526, **565A**, p. 130.
- Atacamite.** (?) Cobar, **484**, p. 56; "Sydney," **811**.
- Augite.** Gerringong, **308**, **370**, pp. 99-100; near Harden, **194**, p. 250; Oberon, **484**, p. 178; Prospect, near Parramatta, **439**, p. 481.
- "Aurichalcite." Broken Hill [=Cupriferous Smithsonite], **533**, p. 331, **753**, p. 374.
- Aventurine.** Torrington, **129**.
- Axinite.** Hall's Creek, near Bingara, **660**; Manilla, **122**; Moonbi, **9**, **657**; Nemingha, Tamworth District, **55D**, p. 576; Nundle, **9**, **55A**, p. 577, **55D**, p. 576, **659**.
- Azurite.** Broken Hill, **148**, pp. 133-135, **172**, **621**, pp. 277-280, **622**, pp. 66-67, **778**; Cobar, **25A**, pp. 81, 83, 115; Girilambone, **143**, p. 18; Mount Hope, **143**, p. 18; Peelwood, **143**, p. 18.
- Balas Ruby.** Cudgegong River, **781**, p. 81.
- \***Barite.** Cooma, **95A**, pp. 209-210; Dundas, near Parramatta, **55**, pp. 546-547, **213**; Five Dock, near Sydney, **213**; Gosford, **760**, near Leadville, **122**; Sydney, **6**, **758**; Tarella, near Wilcannia, **558**, p. 66; Tuena, **127**, **566A**, p. 153; Commonwealth Mine, near Wellington, **11**; White Cliffs, **127**, **566A**, p. 154.
- Barium-Strontium mineral.** Gundagai (?), **561**, pp. 20, 190, 196.
- Barklyite.** Two-mile Flat, near Mudgee, **501**, **763**, p. 22; New England, **493**.



- Bastite.** Attunga Creek, **55B**, p. 673; Port Macquarie, **122**.
- Beekite.** Bingara, **297**; Cave Flat, Murrumbidgee, **297**; Wellington Caves, **297**; Yass, **214**.
- Berthierite.** Rivertree, **122**; near Inverell, **122**; Parkes District, **122**.
- Beryl.** Albury, **127**; Elsmore, **181**, p. 764, **194**, p. 241, **845**, p. 7; Emmaville, **6**, **194**, p. 243, **657**; Glen Creek, near Emmaville, **659**; The Gulf, near Emmaville, **201**, pp. 113, 164; Kangaroo Flat, near Emmaville, **201**, p. 164, **657**; Vegetable Creek, near Emmaville, **494**, **501**, **657**; Kiandra, **692A**, p. 114; Scrubby Gully, Torrington, **201**, pp. 45, 71; Surface Hill, Torrington, **201**, pp. 45, 71-72, 164; Stanburra [Stanborough], near Tingha, **194**, pp. 243-244; Tingha, **194**, p. 244; Torrington, **12**, **127**, **145**, pp. 58, 67, 71, 93, **173**; New South Wales (*probably New England*), **453**.  
[See also **Emerald**.]
- Bindheimite.** Broken Hill, **753**, p. 373.
- Bismuth.** Cobar, **25A**, p. 80, **128**; Ben Lomond, near Glencoe, Co. Gough, **16**; Jingera Mines, Whipstick, near Panbula, **651**, pp. 261-262; Kingsgate, **21**, pp. 138-141, **22**, pp. 14-16, **494**, **495**, **651**, p. 259, **881**, pp. 5-7, **892**; Tingha, **495**; Torrington, **21**, pp. 131-133, **145**, p. 90; New South Wales (*probably Kingsgate*), **706**.
- Bismuth ores (general).** **881**.
- Bismuth telluride.** [See **Telluri-bismuth** and **Tetradymite**.]
- Bismuthinite.** Near Deepwater, **124**; near Germanton, **128**; Ben Lomond, near Glencoe, Co. Gough, **16**; Gundagai, **561**, p. 22; Kingsgate, **495**; Duckmaloi Creek, Oberon, **124**; Torrington, **127**.
- Bismutite.** Ben Lomond, near Glencoe, Co. Gough, **16**; Kingsgate, **495**; Mt. Solitary, near Mount Hope, **127**; Duckmaloi Creek, Oberon, **124**; Yarrow Creek, Kingsgate, **495**.
- Blende.** [See **Sphalerite**.]
- Bole.** Near Molong, **128**.
- Boléite.** Broken Hill, **500**.
- Bornite.** Burly Jacky Mine, near Woodstock, **143**, p. 18.
- Boulangerite** (?). Broken Hill, **534**, pp. 157-158.
- Bournonite.** Broken Hill, **753**, pp. 371-372; (?) Hillgrove, **18**, p. 21.
- Bowlingite.** Hall's Creek, near Bingara, **55B**, pp. 675-676; Dundas, near Parramatta, **55C**.
- Braunite.** Near Wellington, **484**, p. 111.
- Brochantite.** New South Wales, **714**, **811**.
- Brongniardite** (?). Broken Hill, **753**, pp. 370-371.
- Bronzite.** Broken Hill, **421**, p. 54.
- Brookite.** Burrandong, near Orange, **484**, p. 84; Mudgee, **688**, p. 79, **799**, p. 102.
- Cachalong.** Tumut River, Co. Selwyn, **484**, p. 172.
- Calamine** [= **Smithsonite**]. Bredbo, Cooma District, **555**, p. 40.
- Calcite.** Dundas, near Parramatta, **794**; Oakey Creek, between Bingara and Warialda (*ferruginous*), **560**, p. 148; Rock Lily, near Narrabeen (*Fontainebleau type*), **212**; Ben Lomond, near Glencoe, Co. Gough, **659**; Tambar Springs, Liverpool Plains, **659**; Dangar's Gully, Nundle, **659**; Umberumberka, Barrier, **494**; Wertago, near Wilcannia, **563**, p. 203.
- Caledonite.** Broken Hill, **753**, p. 373.



- \***Cassiterite.** Ardlethan, **331A**; Elsmore, **11, 181**, pp. 760-763, **501, 845**, p. 7; Emmaville, **11**; Glen Creek, near Emmaville, **845**, pp. 8-10; The Glen, near Emmaville, **11**; The Gulf, near Emmaville, **21**, p. 131; Vegetable Creek, near Emmaville, **201, 379**, Vol. I, p. 1705, **484**, p. 82, **488, 706**, pp. 133-142; Euriowie, **421**, pp. 128-129; Hogue's Creek, near Glen Innes, **11**; Inverell, **21**, p. 134, **180, 181**, pp. 777-779; Newstead, **181**, p. 765; Pheasant Creek, **21**, p. 134; Tenterfield, **493**; Tingha, **21**, p. 134, **130**, pp. 81-82, **181**, p. 770; Waukeroo, Barrier, **421**, pp. 128-129; New England, **845**; New South Wales, **146, 187, 290** (containing Scandium), **307, 453**.
- Cat's-eye** (*Fibrous quartz*). Western District, **498**, p. 407.
- Celestite.** Bourke, **107, 557**, p. 51.
- Celesto-barite.** Gundagai (?), **561**, pp. 20, 190, 196.
- Cerargyrite.** Apollyon Valley and Purnamoota, Barrier ("Slugs"), **421**, pp. 118-119; Boorook, near Tenterfield, **651**, p. 90; Boro Creek, near Tarago, **651**, p. 116; Broken Hill, **179A**, p. 394, **293, 484**, p. 40, **492A, 494, 500, 535A**, pp. 343, 362, 364, **664; 753**, p. 372; Cobar, **25A**, pp. 8, 10, 81, 84, 98; Mineral Hill, near Condobolin, **571A**, p. 171; Euchareena, **128**; Lewis Ponds, **130**, p. 69; (?) Peak Hill, **106**; Silverton, **484**, p. 41, **493**; Ruby Silver Lode, Rockvale, near Armidale, **651**, p. 124.
- Cerussite.** Broken Hill, **11, 534**, pp. 141-147, **597, 753**, p. 373, **775**, p. 39; Cobar, **25A**, pp. 81, 84, 98; Peaks, Burragorang, **469**, p. 136; Talwong Mine, near Marulan, **14**; Mt. Costigan, Tuena, **130**, p. 68.
- Cervantite.** Pye's Creek, Bolivia, **484**, p. 75; Gulgong, **130**, p. 87.
- Chabazite.** Ben Lomond, near Glencoe, Co. Gough, **11, 659**; Inverell, **11, 484**, pp. 189-190, **659, 688**, p. 71, **891**, p. 62; Mummel River, Waleha, **127**.
- Chalcedony.** Boggabri, near Gunnedah, **660**; Moree District, **660**; Peel River, Nundle, **660**; Dangar's Gully, near Nundle, **55B**, p. 679; Hanging Rock, near Nundle, **55A**, pp. 584-585.
- \***Chalcopyrite.** Broken Hill, **50**; Canbelego, Budgery and Budgerygar Mines, **25B**, pp. 49, 50, 60, 61; Cobar, **25A**, p. 79; Duckmaloi Creek, Oberon, **124**.
- Chalcocite.** Bingara, **143**, p. 18; Broken Hill, **494**; Bumbery, near Molong, **143**, p. 18; Canbelego, Budgery, and Budgerygar Mines, **25B**, pp. 49, 60; Cobar, **25A**, pp. 83, 84, **143**, p. 18; Trundle, **129**.
- Chiastolite.** Cooma, **95A**, pp. 191, 193; Lady Don Mine, near Euriowie, Barrier District, **544A**, p. 210, **544B**, p. 276; Gourock Range, Shoalhaven, **163**; Green Swamp, Co. Roxburgh, **129**; Newbridge, **54**, p. 543; Strathbogie, near Emmaville (*in stone tomahawk*), **200**.
- Chlorite.** Butler's Lode, Emmaville, **146**, p. 127; (**Pseudophite**) Hanging Rock, Nundle, **55B**, pp. 681-2,705, **571A**, p. 197.
- Chloritoid.** Stephen's Creek, near Purnamoota, Barrier District, **544B**, p. 275; Wattle Flat, near Bathurst, **113**.
- Chloropal.** Attunga, **127**.
- \***Chromite.** Crow Mountain Creek, Barraba, **115**; Paling Yard, near Barraba, **55B**, p. 681; Coolac, **132**; Gordonbrook, **206**; Gundagai, **134**; Dundas, near Parramatta, **211**; Tumut District, **134**; New South Wales, **137**.



- Chromic Iron Ores** (*general*). 137.
- Chrysoberyl** (?) Macquarie River, 792, p. 38.
- Chrysocolla**. Broken Hill, 501; Chandler River, \*Hillgrove, 122.
- Chrysotile**. Attunga Creek, 55B, p. 673; Barrier, 421, p. 134. [*See also Asbestos.*]
- "Cimolite"** (= **Diatomite**). Richmond River, 486, 487.
- Cinnabar**. Bingara, 140, pp. 19-20, 208; Broken Hill, 140, pp. 18-19, 421, p. 90, 556, p. 56, 753, p. 375; Cudgegong River, 140, pp. 12-18, 893, p. 152; Pretty Gully, Drake, 124; Rylstone, near Mudgee, 140, p. 12; Pulganbar, 129; Yulgilbar, near Lionsville, 106, 135, 140, 559, p. 73.
- Citrine**. New England, 128.
- Cobaltite** (? = **Smaltite**). Broken Hill, 753, p. 374, 755; Carcoar, 493.
- Coccinite** (?). Broken Hill, 46, p. 63, 140, p. 19.
- Columbite**. Euriowie, 735, p. 443; Barrier District, 735, p. 444; "Western District," 122.
- Conradite**. Borah Creek, Inverell, 802, pp. 27-28.
- Copper**. Broken Hill, 293; Cadia, 129; Coombing Mine, near Carcoar, 790; Cobar, 25A, pp. 80, 83, 84; Pig and Whistle Reef, Drake, 25, p. 35; Emmaville, 108; Kiama (*in basalt*), 143, p. 17, 203, p. 289, 426, p. 9; Reedy Creek, near Molong, 143, p. 17; Narrabeen, 203; Nundle, 484, p. 22; near Sugarloaf Mountain, between Nelligen and Braidwood, 436.
- Copper and Iron, Arsenate of*. Ardlethan, 331A, pp. 6, 7, 45, 571C, p. 219.
- Copper Ores containing Iodine*. 29, 239.
- Copper Ores** (*general*), 143.
- Copper phosphate*. Parish Binalong, Co. Harden, 129.
- Cordierite**. Broken Hill, 595, pp. 77-78, 596; Emmaville, 194, p. 262.
- Corundum**. Mudgee, 799; New England, 657.  
[*See also Barklyite, Emery, Ruby, Sapphire.*]
- Cosalite**. (?) Bow Creek, near Deepwater, 571B, p. 190; Kingsgate, 128; Duckmaloi, Oberon, 122, 563, p. 203.
- Covellite**. Broken Hill, 108, 122; Cobar, 493; near Young, 122.
- Crocoite** (?). Broken Hill, 534, p. 151.
- Cuprite**. Bobadah, 239; Broken Hill, 29, 239, 293, 379, Vol. I, p. 1914, 500; Carcoar, 790; Cobar, 25A, pp. 80, 83, 114-115, 29, 143, p. 17, 239; Drake, 25, p. 35; Girilambone, 143, p. 17.
- Cuproscheelite**. Cordillera, Tuena, 138, p. 5, 145, pp. 85, 88; Orange 145, p. 88; Yeoval, 116, 145, pp. 86, 87, 560, p. 143.
- Cyanite**. Imperial Tin Mine, Barrier District, 544B, p. 275; Bingara, 120, pp. 36-37; near Broken Hill, 122; Cooma, 122, 561, p. 196.
- Danaite** (?). Carcoar, 573, p. 46.
- Datolite**. Pokolbin, Maitland District, 4, 220, pp. 122-123.
- Diallage**. Dundas, near Parramatta, 55, pp. 505-506, 211, pp. 403, 406.
- Diamond**. Reedy Creek, near Bathurst, 368; Bingara, 120, 130, p. 93, 165, 189, 194, pp. 219-224, 221, 480, 482, 492A, 498, p. 408, 546, 548, 549, 651, pp. 387-388, 392-395, 655, 657, 787, 788, pp. 126-127, 805; Burrendong, near Orange, 163, p. 272; Calula Creek (? near Newbridge), 163, p. 273; Cudgegong River (Two-Mile Flat, near Mudgee), 130, p. 96, 165, pp. 7, 8, 10, 194, pp. 218-219; 221, 546, 651, p. 386, 655, 788, pp. 124-126, 799, 801, 894; Delegate, 805; Euriowie, 108; Bald Hill, near Hill End, 221, 481;

\* Corrected locality.



Inverell, 130, pp. 95-96, 144, p. 84, 180A, 182A, 218, 219, 221, 312, 348, 461, 639, 644, 651, pp. 388-391, 653, 655, 662, 782A, pp. 1222-1223, 788, pp. 127-128, 805, 895; Macquarie River, 163, p. 272, 165, p. 8, 781, p. 80; Mittagong, 194, pp. 224-225, 651, pp. 395-396, 655, 897; Limeburner's Creek, Mount Werong, 465B, pp. 1332-1333, 652; Bullawa Creek, Nandewar Mountains, 434, p. 870; Oberon, 110, p. 132; Pyramul Creek, 163, p. 273; Upper Tarlo, 880; Tingha, 221; Turon River, 792 (a), p. 39, (b) p. 34; New South Wales, 28, 655.

**Diatomite.** Barraba, 117, pp. 132, 146-147, 556, p. 56, 640, 651, pp. 426-427; Cooma, 95A, pp. 205, 209, 117, pp. 132, 142-143, 558, p. 62, 651, p. 429; Glen Innes, 117, p. 132, 556, p. 57; Richmond River, 117, pp. 132, 143-144, 486, 487, 556, p. 60, 559, p. 72, 651, p. 429; "40 miles from Tamworth" (? Barraba), 248; Uralla, 566C, p. 182; Warrumbungle Mountains, 117, pp. 132, 144-146, 215, 432, pp. 583-585, 651, pp. 427-429; New South Wales (general), 117.

**Diopside.** Bingara, 122.

**Dolomite.** Corona Station, Barrier District, 896, p. 2; Major's Creek, Braidwood, 127, 566A, p. 153; Cow Flat, Bathurst, 144, p. 233; near Glen Alice, Capertee, 144, p. 233; Merilla, 129, 144, p. 233; Miandetta, 128; Mitchell's Creek Gold Mine, Wellington District, 111.

**Dyserasite.** Broken Hill, 421, pp. 123-124, 643, pp. 48-49, 651, pp. 104, 106-107, 247, 660, 753, p. 368, 754, 755, pp. 71, 74-77.

**Eisenkiesel.** Fairfield, Drake, New England, 108.

**Ekmanite(?)** Cobar, 25A, pp. 8, 81-82, 25B, p. 48.

**Embolite.** Broken Hill, 160, p. 17, 179A, p. 395, 293, 664; Captain's Flat, 555A, p. 177; Mineral Hill, near Condobolin, 571A, p. 171; Silverton, 520, p. 154, 651, p. 93; Sunny Corner, near Rydal, 651, p. 92.

**Emerald.** Near Emmaville, 6, 21, p. 134, 194, pp. 239-243, 201, p. 106, 207, 465B, pp. 1339-1340, 494, 501, 651, pp. 406-408, 763, p. 30, 782B, p. 867, 788, pp. 219-220; Surface Hill, Torrington, 201, pp. 45, 71-72, 164.

*Oriental (Green Sapphire).* Cudjgegong, 498, p. 406.

**Emery.** Co. Cowley, 558, p. 62; 28 miles N.E. of Inverell, 569, p. 197; Warland's Creek, Murrurundi, 129, 568, p. 182; near Murwillumbah, 569, p. 197; 10 miles E. of Nimitybelle, 129, p. 272; near Quirindi, 570, p. 205; Swamp Oak, near Moonbi, 571B, p. 190; between Tamworth and Nundle, 570, p. 188.

**Enhydros.** Casino, 782, p. 219; Kingsgate, 122.

**Epidote.** Emmaville, 108; near Emu Swamp, Orange District, 128; "near Kirk's Farm," Fish River, 889, p. 202; Nemingha, Tamworth District, 55D, p. 576.

**Epsomite.** Red Rock Flat, Parish Gooloolooinboin, Co. Cook, 141, p. 133.

**Erythrite.** Broken Hill, 421, p. 123, 753, p. 374; Carcoar, 202, 493, 553, p. 209, 573, p. 46, 651, p. 227.

**Fahlerz.** [See Tetrahedrite.]

**Fassaite.** Bowling Alley Point, Nundle, 55B, p. 685.



- Felspar.** Broken Hill, **77AA**, p. 189, **544B**, p. 296; Rupee Mine, near Broken Hill, **544B**, p. 296; The Pinnacles, Broken Hill, **557**, p. 51; Bolivia, **25**, p. 9; Millera, **21**, p. 115, **25**, p. 9; Tenterfield, **21**, p. 115, **25**, p. 9; near Tingha, **146**, p. 215; **181**, p. 770; **567**, p. 185; Torrington, **145**, p. 42; Undercliff, **23**, p. 206; Yalwal, **19**, p. 25.  
[See also *Adularia*, *Albite*, *Labradorite*, *Microcline*, *Orthoclase*, *Plagioclase*, *Sanidine*.]
- Ferberite.** Torrington, **145**, pp. 21, 70.
- Fluorite.** Broken Hill, **50**, p. 22, **77A**, p. 188, **293**; Burragorang, **127**; Emmaville, **21**, pp. 131, 134, **127**; Inverell, **180**, pp. 223, 231; Talwong Mine, Marulan, **143**, p. 414; Cow Flat, Torrington, **127**; Woolgarlo Mine, near Yass, **143**, p. 368.
- Fulgurites.** Bondi, Sydney, **445**; Kensington, Sydney, **55**.
- Fuller's Earth.** Boggabri, near Gunnedah, **570**, p. 205; Wingen, **109**, **557**, p. 53.
- Gahnite.** Near Bolivia, **659**; Tenterfield, **493**; Tingha, **493**.
- \*Galena.** Broken Hill, **501**, **643**, pp. 50-51, **753**, pp. 372-373; Canbelego, Budgery and Budgerygar Mines, **25B**, pp. 60-61; Nerremunga, **129**.
- Galeno-bismutite.** Kingsgate, **124**.
- Gallium (in Sphalerite).** Peelwood, **450**.
- Garnet.** Albury, **762**, p. 48; near Attunga, **55B**, pp. 713-714, 715, 716; Bingara, **55B**, p. 686, **105**, pp. 111-112, **120**, pp. 32, 33-34, **194**, pp. 247-249, **446**, p. 63, **660**; Broken Hill, **50**, pp. 22-23, **28**, **57**, p. 316, **77AA**, pp. 185-188, **293**, **421**, pp. 55, 92, **460**, **494**, **532**, p. 186, **534**, pp. 158-159, **544B**, pp. 283, 284, 285, 308-310, 315-316, **571A**, p. 197, **595**, p. 78, **660**; Coombing Copper Mine, near Carcoar, **790**; "near Kirk's Farm," Fish River, **889**, p. 202; Adjinbilly, near Gundagai, **560**, p. 148; near Mudgee, **484**, p. 204; near Murrumburrah, **194**, pp. 249, 250; New England, **492A**, p. 233; Bowling Alley Point, near Nundle, **55B**, p. 686; Silvertown, **573**, p. 53; Pyrmont, Sydney, **762**; Tallong, **909**, p. 802; Wallerawang, **483**, pp. 88, 83, **484**, pp. 87-89, 203-204; Jingera Mine, Whipstick, near Panbula, **127**.  
[See also *Almandite*, *Andradite*, *Grossularite*, *Pyrope*, *Spessartite*.]
- Gemstones.** **194**, **484**, pp. 196-204, **498**, **763**.
- Gibbsite (?)**. Broken Hill, **533**, p. 330.
- Gilsonite (?)**. Joadja, **141**, p. 81.
- Glauberite (?) (Pseudomorphs after)**. **7**, **216**, **217**, **357**, **419**, **465B**, p. 1348, **820**, **885**.  
[See also *Glendonite*.]
- Glaucodot.** Carcoar, **202**, pp. 175, 176, **651**, pp. 227-228.
- Glaucophane.** New England, **55B**, p. 722 (*occurrence doubted*), **122**, **886**.
- Glendonite ("Thinolite").** Gerringong, **261**; Jervis Bay, **216**, p. 77, **217**, pp. 168-169; Harper's Hill, Allandale, Maitland District, **857A**; Muswellbrook, **568**, p. 166; Mount Vincent, **217**, pp. 167-168; Singleton, **199**, pp. 481, 482, 656-657, **217**, pp. 163, 166-167, **910**, pp. 557, 559; Wollongong, **857A**, p. 162; East Coast of Australia and *general*, **72**, **198**, p. 26, **199**, pp. 481, 656, **217**, **855**.
- Gold.** Tea-Tree Creek, near Barraba, **659**; Mundi Mundi, Barrier District, **421**, pp. 133-134; Upper Bingara, **651** (*frontispiece*); Cobar, **25A**, p. 80; Grong Grong, **112**; Gulgong, Co. Grafton, **348**;

Gundagai, 515, 651, p. 63; Hargraves, 651, pp. 29-30; *Hawkesbury Sandstone*, Sydney, 500A; Hill End, 651, pp. 30-31; Lucknow, 484, 485, 496, pp. 301-302, 649; Lyndhurst, 650; Nundle, 130, p. 38, 348, 484, p. 22; Richmond River, 136, 580; Turon River, 227, 484, p. 3; Oura, near Wagga Wagga, 485, p. 126; Grassy Gully, Yalwal, 425; New South Wales, 507, pp. 144-145.  
*Nuggets*. Adelong, 504; Hill End, 504; Nerrigundah, 504; Orange, 504; Burrandong, near Orange, 651, p. 25; Parker, 504; Peak Hill, 504; Wellington, 504; (*general*), 59, 770, pp. 361-371.

Gold, Telluride of. [*See Telluride.*]

Graphite. Bookookoorara, 565, p. 184; Broken Hill, 532, p. 191; Fairfield, near Drake, 559, p. 70; *Hawkesbury Sandstone*, 199, p. 460, 651, p. 372; Hillgrove, 559, p. 71; Walcha, 127; Undercliff, Wilson's Downfall, 20, p. 170, 21, p. 125; 81, 144, p. 240, 493, 564, p. 206, 651, p. 371.

Grossularite. Adjinbilly, near Gundagai, 560, p. 148; Mudgee, 484, p. 204.

Gypsum. Near Bourke, 127, 556A, p. 153; Broken Hill, 129, 532, p. 187; Lawrence, Clarence River, 129; Crudine Creek, 129; near Dubbo, 128; Geurie, 128; near South Grafton, 567, p. 185; near Gulgong, 567, p. 185; Leadville, 128; Mt. Scott, Talbragar, 122; between Trangie and Warren, 127, 568A, p. 153; Windeyer, 566B, p. 166.

[*See also Selenite.*]

Halloysite. Bullah Delah, Co. Gloucester, 651, p. 417; Kallara Station, near Louth, Darling River, 129, 568, p. 183.

Haloid Silver Minerals. Broken Hill, 106, 877; Peak Hill, 103.

[*See also Cerargyrite, Embolite, Iodembolite, Iodide of Silver, Iodobromite, Iodyrite, Miersite, Silver Chloride.*]

Halotrichite. Mudgee, 606, p. 49.

"Hedyphane." Broken Hill, 533, pp. 330-331, 534, pp. 151-153.

\*Hematite. Gobondery, Co. Cunningham, 832.

Heulandite. Werris Creek, 11, 659.

Herschellite (= Chabazite). Elsmore, 688, p. 71.

Hornblende. Bulli Colliery, 571C, p. 216.

Hübnerite. Torrington, 127, 145, p. 21, 566, p. 139.

Hypersthene. Kiandra, 122.

Hyalite. Acacia Dam, Broken Hill, 494; Elsmore, 660; Cockburn Creek, Moonbi, 660; Bowling Alley Point, Nundle, 660; near Yalaroi, Warialda, 660.

Idocrase. [*See Vesuvianite.*]

Ilmenite. Broken Hill, 379, Vol. I, p. 1874; Deepwater, 553, p. 62; Prospect, near Parramatta, 439, p. 530, etc.; Uralla, 484, p. 101.

Ilvaite. Near Tarana, 129, 568, p. 182.

Indium (*in Sphalerite*). Peelwood, 540.

Iodembolite. Broken Hill, 484, p. 42, 664.

Iodide of Silver with Chloride of Silver and Cinnabar. Broken Hill, 556, p. 56.

Iodide of Mercury. Broken Hill, 594, 775, p. 38.

Iodine (*in copper ores*). 29, 139, p. 11, 239.

Iodobromite. Broken Hill, 293.



- Iodyrite.** Broken Hill, 293, 456B, 534, p. 152, 753, p. 372, 775; Mineral Hill, near Condobolin, 571A, p. 171; Peak Hill (?), 106.
- Iolite.** Broken Hill, 595, pp. 77-78, 596; Emmaville, 194, p. 262.
- Iridium, &c.** Broken Hill, 577, 581, 589, pp. 287-292; Macleay River, 563, p. 202; Orange District, 577; *in Gold*, 470; *in auriferous alluvia*, 163, p. 271.
- Iridosmine.** Aberfoil River, 320, 651, p. 86; Clarence River, 493; Head of Bogan and Lachlan Rivers, N.E. of Condobolin, 493; Richmond River, 136, 580; *in Gold*, 470.
- Iron and Copper, Arsenate of.** Ardlethan, 331A, pp. 6, 7, 45, 571C, p. 219.
- Jade.** Lueknow, 122, 649, p. 4, 563, p. 203.
- Jamesonite.** Bolivia, 115; Broken Hill, 534, pp. 157-158; ? Hillgrove, 18, p. 20.
- Jet (?).** Near Guy Fawkes, 559, p. 71. [*See also Gilsonite* (?).]
- Johnstonite (?).** Broken Hill, 753, p. 374.
- Jordanite (?).** Broken Hill, 534, p. 157.
- Kämmererite.** Paling Yard, Barraba, 55B, p. 681.
- Kaolin.** Broken Hill, 871; *Hawkesbury Sandstone*, Sydney, 759; Torrington, 145, p. 42, 570, p. 201; Tumut, 573, p. 49; Ulladulla, 559, p. 73.
- Kerosene Shale (general).** 141.
- Kupfermanganerz.** Coombing Copper Mine, near Carcoar, 491.
- Kupfernickel.** [*See Niccolite.*]
- Labradorite.** Sandilands, 369, 566A, p. 154.
- Lanarkite (?).** Broken Hill, 539, pp. 155-156.
- Laumontite.** Bathurst Road, near Cox River, 484, pp. 187-188, 489; near Carroll, Liverpool Plains, 659; Old Goonoo Goonoo Creek, near Tamworth, 659; Werris Creek, 659.
- Lead.** Peel River, 161.
- "Lead Chromo-phosphate."** Broken Hill, 534, p. 150.
- Leadhillite (?).** Broken Hill, 534, p. 156.
- Lepidolite.** Taylor's Lode, Glen Creek, near Emmaville, 146, p. 146.
- Lepidomelane.** Torrington, 660.
- Leucite (in leucite-basalt, &c.).** Byrock, 191, 205, 445, 587; Cudgellico, 786, p. 72; El Capitan, Co. Canbelego, 205, 587; Harden, 192, pp. 210-211; Murrumburrah, 587.
- Lievrite.** [*See Ilvaite.*]
- \*Limonite.** Canbelego, Budgery, and Budgerygar Mines, 25B, pp. 50-51, 62.
- Linarite.** Broken Hill, 534, p. 156, 615.
- Löllingite.** Near Broken Hill, 127.
- "Magnesia-zinc Alum."** New England, 110.
- \*Magnesite.** Barnet River [? Barnard River], 566B, p. 166; Capertee Valley, 127; near Carlisle Station, 570, p. 187; Dripstone, near Wellington, 570, p. 187; Eurongilly, 133, 558, p. 62; Fifield, 567, p. 181, 570, p. 187; Keswick, Leadville, 570, p. 187; near Nyngan, 559, p. 71; Yulgilbar, 556, p. 60.
- \*Magnetite.** Cowna Station, Barrier, 494; Cobar, 25A, p. 83, 128; near Muttama, 129; Wallerawang, 483, pp. 82-83, 484, pp. 87-89.
- Malachite.** Blayney, 239; Overflow Mine, Bobadah, 239; Broken Hill, 239, 293; Cobar, 25A, pp. 80-81, 83, 84, 114, 29, 143, p. 18, 239; Girilambone, 143, p. 18; Mount Hope, 143, p. 18; Wiseman's Creek, 239.



- Manganese nodules.** Onybygambah, Tweed River, 250.
- Marcasite.** Lobb's Hole, Yarrangobilly, 127, 129.
- Marshite.** Broken Hill, 110, 533, 552, 665, 775.
- Martite.** Byng, near Orange, 115, 122.
- Matlockite** (?). Broken Hill, 534, p. 156.
- Meerschaum?** [= Diatomite]. Richmond River, 436, 437; near Tamworth (? Barraba), 284.
- Mercury** (?). Braidwood, 140, p. 11; Cudgegong River, near Mudgee, 140, p. 11, 162, p. 159, 164, pp. 11-12; Mittagong, 140, p. 11; Mount Wingen, 162, p. 159; Mookerawa Creek, 140, p. 11, 792, p. 38.
- Mercury iodide.** Broken Hill, 140, pp. 18-19, 594, 775, p. 38.
- Mercury Ores** (*general*), 140.
- Mesolite.** Ben Lomond, near Glencoe, Co. Gough, 11.
- Mica.** Broken Hill, 293; Eurunderie, Mudgee, 569, p. 197; Black Swamp, Torrington (*lithia-bearing*), 145, pp. 42-43, 93, 571A, p. 197.  
[See also *Lepidolite, Lepidomelene, Paragonite, Rabenglimmer, Sericite.*]
- Microcline.** Mundi Mundi, Barrier, 421, pp. 133-134, 596, p. 217.
- Miersite.** Broken Hill, 665, 668B, 774, 775.
- Mimetite.** Broken Hill, 108, 534, pp. 150-151; Tumut District, 112; Walla Walla Mine, 28 miles North of Yass, 651, p. 117.
- Minervite** (?). Jenolan Caves, 560, p. 21, 582, pp. 113-114.
- Minium.** Broken Hill, 534, pp. 156-157.
- Mispickel.** [See *Arsenopyrite.*]
- \*Molybdenite.** Bolivia, 22, p. 10, 122; Carcoar, 493; Deepwater, 21, p. 139, 22, p. 11, 124; near Elsmore, 181, p. 764; Back Creek, The Valley, 40 miles E. of Hillgrove, 593A, p. 208; Hogue's Creek, near Glen Innes, 659; Leviathan Mine, near Inverell, 180, p. 221; Borah Creek, Inverell, 182, p. 509; Kingsgate, 21, pp. 138, 140-141, 22, pp. 13-16, 122, 127, 494, 495, 501, 659, 706, p. 131, 882; Wilson's Downfall, 21, p. 139, 22, p. 17, 659; Jingera Mine, Whipstick, near Panbula, 22, p. 12, 124.
- Molybdenum Ores** (*general*), 22, 651, p. 306.
- Molybdic Ochre.** Carcoar, 122; Deep Creek, Nambucca River, 122; Kingsgate, 495.
- Monazite.** Ballina, 588; Blatherarm Creek, near Torrington, 5, 588; Bogo Creek, Laurel Hill, Co. Wynyard, 569, p. 196; Byron Bay, 127; Camden Haven, 127, 588; Deepwater, 566, 588; Delegate River, 560, p. 21; near Dubbo, 129, 589; Gulf, Emmaville, 11, 21, p. 131, 537, p. 387, 588; Highland Home, 571B, p. 190; Paradise Creek, Emmaville, 537, pp. 387, 389; Vegetable Creek, Emmaville, 249, 651, p. 86; Lionsville, Upper Clarence River, 566, pp. 138-139, 588; near Oberon, 589; Port Macquarie, 588; Richmond River, 537, p. 387, 585, 589; Tacking Point, North Coast, 588; Tooloom, 537, p. 387, 560, p. 21, 583; Torrington, 5, 24, p. 247, 127, 145, p. 71, 173, 537, p. 387, 567, p. 182, 588, 589; (?) Trundle, 14; Tumbarumba, 127, 344, p. 364, 537, p. 387, 588.
- Montanite.** Captain's Flat, 204, 493, 574, 576, 651, p. 263; Nanima, near Yass, 122, 565, p. 172, 584; Slippery Creek, near Oberon, 560, p. 20.



- Montmorillonite** (?). Exeter, 3.
- Nantokite**. Broken Hill, 112, 336, 499, 545, 660.
- Natrolite**. Ben Lomond, near Glencoe, Co. Gough, 659; near Inverell, 11, 659; Pokolbin, Maitland District, 4, 220, p. 122; Swanvale, near Glen Innes, 659.
- Nepheline**. Barigan District, near Lue, Co. Phillip, 142, 144, pp. 151-152; The Peak, Upper Burratorang, 122, 125, 141, p. 319; Capertee Valley, 121, 122, 141, pp. 152-153; near Dural, 125; Kiama-Jamberoo District, 426, pp. 35, 39; Snowy River, 122.
- Niccolite**. Peel River, 484, p. 113; Weare's Creek, 484, p. 113.
- Nickel**. Broken Hill (*in lode material*), 589, pp. 287, 292.
- Nickel-sulphide**. Torrington, 24, p. 247.
- Nitre**. Jenolan Caves, 582, p. 114.
- Olivine**. Gum Flat, near Inverell, 660; Nimby, near Murrumburrah, 194, p. 250; near Walcha, 561, p. 196.
- Omphacite**. Bingara, 120, pp. 35-36.
- Opal**. Rocky Bridge Creek, Abercrombie River, 194, p. 255, 651, pp. 398-399, 692A, p. 113, 889, p. 207; Ballina, 122, 694, p. 290; Nandewar Mountains, 434, pp. 869-870; Nyngan, 124; Port Macquarie, 122; near Tamworth (*nickeliferous*), 661; Tweed Heads, 747A; Lightning Ridge, Wallangulla, near Walgett, 465A, p. 956, 465B, p. 1347; Warrumbungle Mountains, 432, pp. 585-586, 654, pp. 187-188; White Cliffs, 1A, 7, 17, 177, 194, pp. 255-260, 298, 299, 330, 357, 419, 512, 565, pp. 183-184, 620, 651, pp. 399-405, 752, 763, pp. 48-49, 885, 910A, p. 44; *pseudomorphs* (? *after Glauberite*), White Cliffs, 7, 357, 419, 465B, p. 1348, 620, 885.
- Orthoclase**. Euriowie and Waukeroo, Barrier, 421, p. 50; Bolivia, 10; Broken Hill, 50, p. 21, 544B, p. 296, 596, p. 217; Rupee Mine, near Broken Hill, 544B, p. 296; Cobar, 25A, p. 65; Coekburn Creek, near Moonbi, 10; Inverell, 10; Nandewar Mountains, 434, pp. 874-875; Oban, 10; Uralla, 10; near Wellington, 129, 571A, p. 197; near Wilson's Downfall, 23, p. 209, 708C, pp. 53-54, 566A, p. 154; Yalwal, 19, p. 25.
- Osmiridium**. [*See Iridosmine.*]
- Ottrelite**. Wattle Flat, near Bathurst, 113.
- Palladium, &c.** Broken Hill (*in lode material*), 589, pp. 287-292; near Stuart Town, 588, p. 183.
- Paragonite**. Elsmore, 181, p. 763; near Inverell, 180, pp. 230, 231.
- Parisite** (?). Panbula, 78.
- Penninite**. [*See Chlorite.*]
- Percylite** (?). Broken Hill, 534, p. 156.
- Phosgenite**. Broken Hill, 14, 534, p. 155, 753, p. 373.
- Phosphate of Alumina**. Between Richmond and Clarence Rivers, 129.
- Phosphate of Copper**. Parish Binalong, Co. Harden, 129.
- Phosphate of Iron and Magnesia**. Stephen's Creek Waterworks, Barrier, 421, p. 135.
- Phosphatic Deposits**. Jenolan Caves, 561, p. 22, 582; Moruya Caves, 583; Wellington Caves, 146B, 571B, p. 189.
- Pickeringite**. Capertee, 112; Mount Victoria, 110; Shoalhaven, 112.
- Picotite**. Bingara, 446, p. 63; Dundas, near Parramatta, 55, pp. 511, 536, 537.

- Picrolite.** Red Hill, near Broken Hill, 444, pp. 72-73.
- "Pinite."** Nundle, 246 (=Pseudophite, *q.v.*)
- Pitchblende.** (?) New England, 466; Torrington, 173.
- Plagioclase.** Broken Hill, 293.
- Platinum.** Aberfoil River, 320, 651, p. 86; Head of Bogan and Lachlan Rivers, N.E. of Condobolin, 493; Broken Hill, 420, 423, 448, p. 34, 544B, p. 317, 556, p. 49, 575, 578, 581, 589; Clarence Heads, 493, 556, p. 49; near Dubbo, 129, 589; Evan's Head, Co. Richmond, 556, p. 49; Fifield, 110, 422, 423, 448, pp. 85-86, 558, p. 62, 651, p. 83; near Oberon, 589, p. 283; Orange District, 577, 579; 60 miles from Parkes, 556, p. 49; Richmond River, 131, pp. 145-146, 136, 245, 556, p. 49, 580, 589; Turon District, 791; (?) Surface Hill, Wollombi, 579; *in coal*, 448, p. 35, 563, p. 218, 852A; *in gold alluvia*, 163, p. 271.
- Pleonaste.** Near Glen Innes, 659, 660; near Inverell, 659; near Mudgee, 799, p. 100.
- Polybasite.** Armidale, 112; Yerranderie, Burratorang, 571, p. 205.
- Prehnite.** Attunga, 55B, p. 715; Upper Bingara, 55B, pp. 684-5, 687; Dapto, 115; Bowling Alley Point, near Nundle, 55B, p. 685; Prospect near Parramatta, 129, 493, 568, p. 182, 571A, p. 197; New England, 493.
- Proustite.** Burratorang, 651, p. 120; Rivertree, near Drake, 112, 501; Ruby Silver Lode, Rockvale, near Armidale, 112, 651, p. 124.
- Pseudophite (Chlorite Group).** Oakenville Creek, Hanging Rock, near Nundle, 55B, pp. 681-682, 705.
- Psilomelane.** Broken Hill, 293, 492A; Murwillumbah, 127.
- Pyrargyrite.** Boorook, near Tenterfield, 651, p. 90; Broken Hill, 753, p. 369; Burratorang, 122; Rivertree, near Drake, 112; Ruby Silver Lode, Rockvale, near Armidale, 112, 651, p. 124; Wolumba, near Panbula, 127.
- Pyrite.** Major's Creek, Braidwood, 12, 127; Cadiangulong Creek, near Cadia, 651, p. 209; Cobar, 25A, p. 82; Canbelego, Budgery and Budgerygar Mines, 25B, p. 49; Mount Stewart, 106.
- Pyromorphite.** Near Binalong, 127; Braidwood, 559, p. 70, 583, p. 116; Broken Hill, 74A, 534, pp. 148-150, 538; Coppabella, 128; Kangiara, near Yass, 127; Kingsdale, Goulburn, 122; Narranggullen, Yass, 128; Walla Walla Mine, 28 miles north of Yass, 122, 651, p. 117.
- Pyrope.** Bingara, 120, pp. 32, 33-34, 194, pp. 247-249, 281-285.
- Pyrophyllite.** Jones' Creek, Gundagai, 484, p. 181.
- Pyroxene.** Bingara, 105, pp. 112-113; near Harden, 194, p. 250; (? *locality*), 565, p. 173.  
[See also *Ægirite, Augite, Bastite, Bronzite, Diallage, Diopside, Fassaite, Hypersthene, Jade, Omphacite, Rhodonite, Wollastonite.*]
- Pyrrhotite.** Cobar, 25A, pp. 6, 79; Kingsgate, 123; near Yerranderie, Burratorang, 129.
- Quartz.** Broken Hill, 544B, p. 310; Dundas, near Parramatta, 129, 794; Garawilla, Liverpool Plains, 657; Glen Elgin, near Glen Innes, 657; The Gulf, near Emmaville, 657; Kingsgate, 651, p. 259; Moonbi, 15; Nundle, 15, 657; Oban, 657; Tingha (*rutilated*), 494; Torrington, 15.  
[See also *Amethyst, Cat's-eye, Citrine, Enhydros.*]



- “Rabenglimmer.” Torrington, 145, pp. 42-43, 93.
- Raspite. Broken Hill, 380, 381, 382.
- Redruthite. [See Chalcocite.]
- Rhodium, &c. Broken Hill (*in lode material*), 578, 581.
- Rhodoehrosite. Broken Hill, 293; Webb's Mine, near Emmaville, 659.
- Rhodonite. Broken Hill, 13, 50, pp. 24, 26, 57, p. 316, 77AA, pp. 185-188, 129, 293, 337, p. 147, 544B, pp. 306, 307, 308, 316, 568, p. 183; Lyndhurst, 122.
- Ruby. Two-mile Flat, near Mudgee (Cudgegong), 194, p. 238, 763, pp. 6-7, 781, pp. 81-82, 799; Mole Tableland, 194, p. 238; Mookerawa Creek, 792, p. 38; near Nimitybelle, 129; Peel River, 780, p. 305; Tumberumba River, 194, p. 238.
- [See also Barklyite.]
- Ruby, Balas. Cudgegong River, 781, p. 81.
- Rutile. Bingara, 105, p. 114; Broken Hill, 293, 379, Vol. I, p. 1613; Tingha, 494; Uralla, 122.
- Sanidine. Canobolas, 438, p. 173; Gib Rock, Mittagong, 536, p. 317; Nandewar Mountains, 434, pp. 874-875.
- Sapphire. Berrima, 194, pp. 230-231; Bingara, 763, p. 25; Crookwell, 194, p. 232; Inverell, 312, 651, p. 411; Kiandra, 194, p. 231; Mittagong, 194, pp. 230-231; Nimitybelle, 129; Peel River, 780, p. 305; Tumberumba, 194, pp. 229-230; Wingecarribee River, 194, pp. 230-231; Vegetable Creek, near Emmaville, 201, p. 164; New England (*general*), 194, pp. 231-232, 763, p. 26, 782A, pp. 1231-1232; New South Wales (*general*), 194, pp. 232-237, 763, pp. 24, 26.
- [See also Emerald, Oriental.]
- Sartorite (?). Broken Hill, 534, p. 157.
- Scandium. (*In copper ore*), 290, p. 411; (*in tin ore*), 290, p. 416.
- Scapolite. Attunga, 55B, p. 715; Moonbi, 55B, p. 713; Prospect, near Parramatta, 439, p. 497; Tallong, 909, p. 801.
- Scheelite. Adelong, 484, p. 85; near Berridale, Cooma District, 129; Coppabella, 128; near Germanton, 129; Glen Creek, near Emmaville, 201, p. 162; Glen Innes, 501; Hillgrove, 11, 18, 21, pp. 142-145, 127; near Nundle, 128; Gilgai, Inverell, 129; Cordillera Mine, Tuena (Peelwood), 130, p. 68, 143, p. 140, 145, pp. 85, 88, 484, p. 86; near Tuena, 122; New South Wales (*general*), 145.
- Scolecite. Werris Creek, 11.
- Scorodite. Boona Tank, near Condobolin, 122; The Alberts, Dandaloo, Co. Kennedy, 122; near Mount Oxley, 122.
- Selenite. Mount Scott, Talbragar, 122.
- Selenium (*in Gold-Bismuth ore*). Mount Allen Mine near Mount Hope, 193, pp. 404-405.
- Sericite. Broken Hill, 293; Kingsgate, 21, pp. 138, 139, 140, 141, 24, p. 243; Timbarra, 24, p. 243; Tingha, 24, p. 241; New England, 23, pp. 234, 235, &c.
- Serpentine. New England, 21, pp. 146-147.
- [See also Antigorite, Asbestos, Bastite, Chrysotile, Picrolite.]
- Siderite. Broken Hill, 293, 755, p. 70; Thackaringa, near Broken Hill, 421, p. 113; Umberumberka, near Broken Hill, 494; The Peaks, Burrarorang, 122; Emmaville, 659; Big Plain, Inverell, 659.
- Sillimanite. Broken Hill District, 544B, pp. 283-285.



- Silver.** Broken Hill, 293, 379, Vol. I, p. 230, 532, p. 191, 664, p. 180; Silverton, near Broken Hill, 494; Thackaringa, near Broken Hill, 532, p. 193; Umberumberka, near Broken Hill, 492A, p. 231; Burraborang, 122, 469, p. 136, 651, p. 120; Cobar, 25A, p. 84; Lewis Ponds, 130, p. 69, 493; Sunny Corner, near Rydal, 493, 651, p. 92; Ruby Silver Lode, Rockvale, near Armidale, 651, p. 124.
- Silver Chloride, Antimonial.** [See Antimonial Silver Chloride.]
- Silver Haloids.** Broken Hill, 106, 877; Peak Hill, 106.  
[See also Cerargyrite, Embolite, Iodembolite, Iodide of Silver, Iodobromite, Iodyrite, Silver Chloride.]
- Smaltite.** Broken Hill, 421, p. 123, 753, p. 374 ("Cobaltite"); Torrington, 145, pp. 70, 90.
- Smaragdite.** Chrome Hill, Bowling Alley Point, near Nundle, 55A, p. 583.
- Smithsonite.** Broken Hill, 421, p. 89, 494, 532, p. 187, 753, p. 375.  
[See also "Aurichalcite," Calamine.]
- Soapstone.** [See Talc.]
- Spadaite.** Marulan, 106.
- Sperrylite (?)**. Broken Hill (*in lode material*), 589, p. 291.
- Spessartite.** Broken Hill, 510, 660.
- Sphalerite.** Canbelego, Budgery, and Budgerygar Mines, 25B, pp. 60-61; Borah Creek, Inverell, 182, 563, p. 203, 564, p. 206; Webb's Consols Mine, Emmaville, 567, p. 185; Peelwood (*containing Gallium and Indium*), 450.
- Sphene.** [See Titanite.]
- Spinel.** Bingara, 659; Cudgegong River, 781, p. 81; Nundle, 659; Oban, 659; Peel River, 750, p. 305; Uralla, 659; New South Wales (*general*), 763, p. 33.  
[See also Chrysoberyl, Chromite, Gahnite, Magnetite, Picotite, Pleonaste.]
- Stannite.** Borah Creek, Inverell, 122, 182, 565, p. 184, 568, p. 183; Talwong Mine, near Marulan, 143, pp. 413-414, 146, p. 347.
- Staurolite.** Acaacia Dam, Barrier, 494, 544B, p. 285.
- Stephanite.** Armidale, 112; Broken Hill, 753, p. 369.
- Sternbergite (?)**. Broken Hill, 753, pp. 369-370.
- Stibiconite.** Broken Hill, 753, p. 374.
- Stibnite.** Bendemeer, 659; Broken Hill, 753, p. 374; Hillgrove, 18, 21, pp. 142-145, 659; Munga Creek, Macleay River, 130, pp. 86-87; Nundle, 659; (*general*), 146A.
- Stilbite.** Jamberoo, 11, 295, 426, p. 17; Mount Nomby, near Gunnedah, Liverpool Plains (Garawilla), 374, 566A, p. 154, 571A, p. 197, 659, 793; near Carroll, Liverpool Plains, 659; Prospect, near Parramatta, 439, p. 497; Walcha Road, 659; Werris Creek, 659.
- Stolzite.** Broken Hill, 112, 116, 380, 381, 534, p. 154; Cordillera, Tuena, 112, 138, p. 5, 143, p. 140, 145, p. 88, 553, p. 215, 555, p. 41; Aleck Steyne Creek, near Emmaville, 128; Emmaville District, 145, p. 89.
- Stromeyerite.** Broken Hill, 753, p. 370; 755, p. 71.
- Strontium sulphate (in Barite)**; Gundagai (?), 561, pp. 20, 190, 196.
- Sulphur.** Herbert Park, Armidale, 122; Broken Hill, 122, 753, p. 375; near Coolamon, 122; Bulahdelah, Gloucester Co., 515A; Mount Wingen, 484, p. 155.



- Talc.** Rockley, 122; near Trunkey, 127; near Wallendbeen, 129, 570, p. 188.
- Tantalite** (*in beach sand*). Ballina, 585, p. 222, 735, p. 443.
- Telluri-bismuth Ore.** Kingsgate, 574.
- Telluri-bismuthic Ochre.** Captain's Flat, 204, 561, p. 190, 574.
- Telluride of Gold.** Gundagai, 647, p. 149, 648, pp. 161-162, 651, pp. 69, 265; Panbula, 127.
- Tellurides.** Glen Innes, 561, p. 190; Sawpit Gully, Tamworth, 561, p. 190.
- Tephroite.** Bendemeer, 588.
- Tetradymite.** Captain's Flat, 204, 493, 574, 576, 651, p. 263; Gundagai, 562, p. 22, 563, p. 203, 648; Nanima, Yass, 584; near Oberon (Tarana), 115, 560, p. 20, 651, p. 271; Moor Creek, Tamworth, 112; near Uralla, 115, 560, p. 143.
- Tetrahedrite.** Major's Creek, Braidwood, 127, 588; Broken Hill, 753, p. 370; Yerranderie Mine, Burragorang, 127, 569, p. 197; Webb's Mine, Little Plant Creek, Emmaville, 143, p. 308, 201, pp. 156-159, 484, p. 60, 520, 588, 651, p. 110; Wiseman's Creek, 501.
- Thinolite.** [*See Glendonite.*]
- Thomsonite.** Inverell, 11; Prospect, near Parramatta, 569, p. 197.
- Tin.** Aberfoil River, 320.
- Tin Ores** (*general*), 146.
- Titanite.** Bathurst, 210; near Moonbi, 23, p. 210, 122; Walcha Road, 23, pp. 208, 211; Wilson's Downfall, 23, p. 210, 122; Tallong, 909, pp. 804, 805; New England, 21, pp. 113-116.
- Topaz.** Ardlethan, 331A, pp. 6, 26; Emmaville, 6, 8, 194, pp. 244-245, 247, 201, pp. 45, 71, 492A, 493, 651, p. 412, 657; Giant's Den, Bendemeer, 21, p. 134; Gundagai, 484, p. 201; Inverell, 21, p. 134; Mudgee, 369, 484, p. 201; Oban, 6, 8, 194, p. 245, 657; Shoalhaven, 369, 501; Surface Hill, Torrington, 201, p. 45; Tingha, 24, p. 239, 194, p. 246; Torrington, 12, 14, 15, 145, pp. 43-44, 93; Rocky River, Uralla, 657; New England, 369; New South Wales, 360, 763.
- Torbanite** (*general*), 141.
- Torbernite.** Carcoar, 108, 537, p. 387; (?) Panbula, 79; (?) near Torrington, 145, p. 67, 146, p. 162.
- Tourmaline.** Near Bendemeer, 657; Bingara, 657; Allandale Mine, Broken Hill District, 544B, p. 294; Broken Hill District, 544B, pp. 292-293; Silvertown, Barrier District, 494; Never Never, near Tamworth, 657; Uralla, 492, 657; Wallangra, 40 miles from Inverell, 660.
- Tremolite.** Broken Hill, 595, p. 78.
- Tripolite.** [*See Diatomite.*]
- Tungsten Ores** (*general*), 145.
- Tungstite.** Pulletop, near Wagga Wagga, 129.
- Turquois.** Bodalla, Co. Dampier, 108, 194, pp. 252-254, 651, p. 409, 763, p. 53.
- Uraninite** (?). New England, 466; Torrington, 173.
- Valentinite.** Ulmarra, Clarence River, 122.
- Vanadinite.** Broken Hill, 753, pp. 373-374.
- Vanadium.** (*In clay*), Tomingley, 561, pp. 21, 190; (*in coal*), 563, p. 218, 852A; (*in coal, clays, &c.*), 584.

- Vesuvianite.** Attunga, 55B, pp. 715-6; Barraba, 11, 659; Barrier, 129; Linburn, Mudgee, 127; Nundle, 6, 492, 657; Tallong, 909, p. 801.
- Vivianite.** Milburn Creek Copper Mine, 122; Nymagee, 127, 484, p. 101.
- Volgerite.** Broken Hill, 753, p. 374.
- Waterstones.** [See **Enhydros.**]
- Wavellite.** Near Emmaville, 127.
- Willemite**(?). Temora, 573, p. 53.
- Willyamite.** Broken Hill, 557, p. 51, 642, 753, p. 375.
- Wolframite.** Elsmore, 181, p. 763; The Gulf, near Emmaville, 21, p. 131, 145, pp. 51-52; Essington, 129; Hogue's Creek, Glen Innes, 657; Inverell, 484, p. 85; Kingsgate, 657; near Lionsville, 129; Duckmaloi Creek, Oberon, 124; Pulletop, near Wagga Wagga, 586, p. 183; Torrington, 6, 21, pp. 131, 133, 145, p. 77, 773; Mole Tableland, 24, p. 243, &c.; New England, 23, p. 235; New South Wales (*general*), 145.
- Wollastonite.** Attunga, 55B, p. 715; Cox River, 112; "near Kirk's Farm," Fish River, 889, p. 202; Tallong, 909, pp. 794, 800-801; Carmichael's, near Tamworth, 55B, p. 713.
- "Wollongongite"** (= **Kerosene Shale**). Hartley, 141, p. 51.
- Wulfenite.** Broken Hill, 15, 293, 421, p. 86, 534, p. 153.
- Zaratite**(?). Broken Hill (*in lode material*), 589; Bingara, 567, p. 182.
- Zeolites.** [See **Chabazite**, **Heulandite**, **Herschellite**, **Laumontite**, **Mesolite**, **Natrolite**, **Scolecite**, **Stilbite**, **Thomsonite.**]
- Zircon.** Near Armidale, 659; Bingara, 105, p. 113; Broken Hill, 293; near Burruga, County Georgiana, 129; Mount View, near Cessnock, 122; Elsmore, 659; Glen Innes, 8, 659; Inverell, 8, 659; Mudgee, 151, 152, p. 322, 783; Nundle, 194, p. 251, 379, Vol. I, p. 1657, 651, p. 413, 659; Oban, 659; Duckmaloi Creek, Oberon, 110; Tingha, 659; Uralla, 659.
- Zoisite.** Upper Bingara, 494, 660; Imperial Tin Mine, Barrier District, 544B, p. 275.

#### LOCALITY INDEX.

- ABERFOIL RIVER.** Iridosmine, Platinum, Tin.
- ABERCROMBIE RIVER.** Opal.
- ACACIA DAM,** Broken Hill. Hyalite, Staurolite.
- ADELONG.** Gold Nugget, Scheelite.
- ADJINBILLY,** near Gundagai. Grossularite.
- ALBERTS,** The, Dandaloo, Co. Kennedy. Scorodite.
- ALBURY.** Beryl, Garnet.
- ALECK STEYNE** [Alick Staine's] **CREEK,** near Emmaville. Stolzite.
- ALLANDALE.** Harper's Hill, Maitland District. Glendonite.
- ALLANDALE MINE,** near Broken Hill. Tourmaline.
- APOLLYON VALLEY,** Barrier District. Cerargyrite.
- ARDLETHAN,** Cos. Bourke and Cooper. Arsenate of Copper and Iron, Cassiterite, Topaz.
- ARMIDALE.** Antimony, Argentite, Cerargyrite, Proustite, Pyrargyrite, Polybasite, Silver, Stephanite, Sulphur, Zircon.
- ATTUNGA,** near Tamworth. Bastite, Chloropal, Chrysotile, Garnet, Prehnite, Scapolite, Vesuvianite, Wollastonite.
- BACK CREEK,** The Valley, 40 miles east of Hillgrove. Molybdenite.



- BALD HILL, near Hill End. Diamond.
- BALLINA. Monazite, Opal, Tantalite.
- BARIGAN District, Co. Phillip. Nepheline.
- BARNET RIVER [? BARNARD RIVER, Tributary of Manning]. Magnesite.
- BARRABA. Chromite, Diatomite, Gold, Kämmererite, Vesuvianite.
- BARRIER DISTRICT. Anglesite, Argentite, Calcite, Cassiterite, Cerargyrite, Chiasolite, Chrysotile, Columbite, Cyanite, Dolomite, Gold, Magnetite, Microcline, Orthoclase, Phosphate of Iron and Magnesia, Staurolite, Tourmaline, Vesuvianite, Zoisite.
- BATEMAN'S BAY, near, Co. St. Vincent. Copper.
- BATHURST. Asbestos, Diamond, Dolomite, Laumontite, Titanite.
- BENDEMEER, near Moonbi. Actinolite, Stibnite, Tephroite, Topaz, Tourmaline.
- BEN LOMOND, near Glencoe, Co. Gough. Analcite, Bismuth, Bismuthmite, Bismutite, Calcite, Chabazite, Mesolite, Natrolite.
- BERRIDALE, Co. Wallace, near Cooma. Scheelite.
- BERRIMA, near Moss Vale, Co. Camden. Sapphire.
- BIG PLAIN, Inverell. Aragonite, Siderite.
- BINALONG PARISH, Co. Harden. Copper Phosphate, Pyromorphite.
- BINGARA. Antigorite, Aragonite, Axinite, Beekite, Bowlingite, Calcite, Chalcocite, Cinnabar, Cyanite, Diamond, Diopside, Garnet, Omphacite, Picotite, Prehnite, Pyrope, Pyroxene, Rutile, Sapphire, Spinel, Tourmaline, Zaratite (?), Zircon.
- BINGARA, UPPER. Gold, Zoisite.
- BLACK SWAMP, Torrington. Mica.
- BLATHERARM CREEK, near Torrington. Monazite.
- BLAYNEY. Malachite.
- BOBADAH, near Nymagee. Cuprite, Malachite.
- BODALLA, Co. Dampier. Turquoise.
- BOGAN and Lachlan Rivers, Head of. Iridosmine, Platinum.
- BOGGABRI, near Gunnedah. Chalcedony, Fuller's Earth.
- BOGO CREEK, Laurel Hill, near Tumbarumba. Monazite.
- BOLIVIA. Cervantite, Gahnite, Jamesonite, Molybdenite, Orthoclase.
- BONDI, near Sydney. Fulgurites.
- BOOKOOKOORARA, Co. Buller. Graphite.
- BOONA TANK, near Condobolin. Scorodite.
- BOOROOK, near Tenterfield. Cerargyrite, Pyrargyrite.
- BORAH CREEK, near Inverell. 182; Arsenopyrite, Conradite, Molybdenite, Stannite.
- BORO CREEK, near Tarago, Co. Argyle. Cerargyrite.
- BOURKE. Celestite, Gypsum.
- BOW CREEK, near Deepwater. Cosalite.
- BOWLING ALLEY POINT, near Nundle. Axinite, Fassaita, Garnet, Hyalite, Prehnite, Smaragdite.
- BOWRAL. 538; Ægirite, Amethyst, Arfvedsonite.
- BRAIDWOOD. Copper, Dolomite, Mercury (?), Pyrite, Pyromorphite, Tetrahedrite.
- BREDBO, near Cooma. Calamine (?).
- BROKEN HILL. 50, 57, 77AA, 259, 293, 421, 532, 534, 544B, 641, 753, 755, 756, 775, 896; Anglesite, Antimonial Silver Chloride, Antimony, Apatite, Aragonite, Argentite, Arsenopyrite, Asbestos, "Aurichalcite," Azurite, Bindheimite, Boléite, Boulangerite (?), Bournonite, Brongniardite (?), Bronzite, Caledonite, Cerargyrite, Cerussite, Chalcocite, Chalcopyrite,



Chrysocolla, Cinnabar, Cobaltite, Coccinite (?), Copper, Cordierite, Covellite, Crocoite (?), Cuprite, Cyanite, Dyscrasite, Embolite, Erythrite, Felspar, Fluorite, Galena, Garnet, Gibbsite (?), Graphite, Gypsum, Haloid Silver Minerals, "Hedyphane," Hyalite, Ilmenite, Iodembolite, Iodide of Mercury, Iodide of Silver with Chloride of Silver and Cinnabar, Iodobromite, Iodyrite, *Iridium*, Jamesonite, Johnstonite (?), Jordanite (?), Kaolin, Lanarkite (?), Lead Chromo-phosphate, Leadhillite (?), Linarite, Löllingite, Malachite, Marshite, Matlockite (?), Mica, Miersite, Mimetite, Minium, Nantokite, Nickel, Orthoclase, *Palladium*, Percylite (?), Phosgenite, Pierolite, Plagioclase, Platinum, Psilomelane, Pyrargyrite, Pyromorphite, Quartz, Raspite, *Rhodium*, Rhodochrosite, Rhodonite, Rutile, Sartorite (?), Sericite, Siderite, Sillimanite, Silver, Smaltite, Smithsonite, Sperryllite, Spessartite, Staurolite, Stephanite, Sternbergite, Stibiconite, Stibnite, Stolzite, Stromeyerite, Sulphur, Tetrahedrite, Tourmaline, Vanadinite, Volgerite, Willyamite, Wulfenite, Zaratite (?), Zircon.

BUDGERY, Cobar District. [See CANBELEGO.]

BUDGERYGAR, Cobar District. [See CANBELEGO.]

BULLAH DELAH, Co. Gloucester. Alunite, Halloysite.

BULLAWA CREEK, Nandewar Mountains. Diamond.

BULLI COLLIERY. Horneblende.

BUMBERY, near Molong. Chalcocite.

BUNDARRA, Co. Hardinge. Actinolite.

BUNGONIA, near Marulan. Alunogen.

BUNYAN Railway Station, near, Cooma District. Diatomite.

BURLY JACKY MINE, near Woodstock, Co. Bathurst. Bornite.

BURRA CREEK, Co. Selwyn, near Tumberumba. Andalusite.

BURRAGA, near, Co. Georgiana. Zircon.

BURRAGORANG, Co. Camden. 469; Alum, Fluorite, Nepheline, Polybasite, Proustite, Pyrargyrite, Pyrrhotite, Siderite, Silver, Tetrahedrite.

BURRANDONG, near Orange. Brookite, Diamond, Gold Nuggets.

BUTLER'S LODGE, Emmaville. Chlorite.

BYNG, near Orange. Martite.

BYROCK, Co. Cowper. Apatite, Leucite.

BYRON BAY, Co. Rous. Monazite.

CADIA. Copper, Pyrargyrite.

CADIANGULONG CREEK, near Cadia. Pyrargyrite.

CALULA CREEK (? near Newbridge). Diamond.

CAMDEN HAVEN, Co. Macquarie. Monazite.

CAMEL'S BACK, Mount Victoria. Alum.

CANBELEGO, Budgery and Budgerygar, Cobar District. 25B; Chalcocite, Chalcopyrite, Galena, Limonite, Pyrite, Sphalerite.

CANOBOLAS MOUNTAINS. Sanidine.

CAPERTEE, Co. Roxburgh. Dolomite, Magnesite, Nepheline, Pickeringite.

CAPTAIN'S FLAT, Co. Murray. Embolite, Montanite, Telluri-bismuthic Ochre, Tetradymite.

CARCOAR. Annabergite, Copper, Cuprite, Danaite (?), Erythrite, Garnet, Glaucodot, Kupfermanganerz, Molybdic Ochre, Molybdenite, Torbernite.

CARMICHAEL'S, near Tamworth. Wollastonite.

CARLISLE STATION near, Condobolin District. Magnesite.

CARROL, Liverpool Plains. Laumontite, Stilbite.

CARTWRIGHT'S CREEK, near Purnamoota, Barrier District. Andalusite.



- CASINO, Richmond River. Enhydros.  
 CAVE FLAT, Murrumbidgee River, Co. Harden. Beekite.  
 CESSNOCK, Co. Northumberland. Zircon.  
 CHANDLER RIVER, Hillgrove. Chrysochalla.  
 CHROME HILL, Bowling Alley Point, Nundle. Smaragdite.  
 CLARENCE RIVER. *Aluminium Phosphate*, Gypsum, Iridosmine, Monazite, Valentinite.  
 CLARENCE HEADS. Platinum.  
 COBAR. 25A; Atacamite (?), Azurite, Bismuth, Cerargyrite, Cerussite, Chalcocite, Chalcopyrite, Copper, Covellite, Cuprite, Ekmanite (?), Gold, Magnetite, Malachite, Orthoclase, Pyrite, Pyrrhotite, Silver.  
 [See also CANBELEGO.]  
 COCKBURN CREEK, near Moonbi. Adularia, Hyalite, Orthoclase.  
 COMMONWEALTH MINE, near Wellington. Barite.  
 CONDOBOLIN, near. Cerargyrite, Embolite, Iodyrite, Iridosmine, Platinum.  
 COOLAC, near Gundagai. Chromite.  
 COOLAMON, near Jumea. Sulphur.  
 COOMA. Barite, Calamine (?), Chiastolite, Cyanite, Diatomite.  
 COOMBING COPPER MINE, near Carcoar. Copper, Garnet, Kupfermanganerz.  
 COOTAMUNDRA, near. Asbestos.  
 COPETON, near Inverell. Diamond.  
 COPABELLA, Co. Goulburn, near Albury. Pyromorphite, Scheelite.  
 CORDILLERA, near Tuena. Cupro-scheelite, Scheelite, Stolzite.  
 CORONA STATION, Barrier District. Dolomite.  
 COW FLAT, near Bathurst. Asbestos, Dolomite.  
 COWLEY, Co. Emery.  
 COWNA STATION, Barrier District. Magnetite.  
 COX RIVER, Co. Westmoreland. Laumontite, Wollastonite.  
 CROOKWELL, near Goulburn. Sapphire.  
 CROW MOUNTAIN CREEK, Barraba. Chromite.  
 CRUDINE CREEK, near Tambaroora. Gypsum.  
 CUDGEGONG RIVER, near Mudgee. Balas Ruby, Cinnabar, Diamond, Oriental Emerald, Mercury (?), Ruby, Spinel.  
 CUDGELICO (Cargellico), Co. Dowling. Leucite.  
 DANDALOO, Co. Kennedy. Scorodite.  
 DANGAR'S GULLY, Nundle. Calcite, Chalcedony.  
 DAPTO. Prehnite.  
 DAY-DREAM, Barrier District. Argentite.  
 DEEP CREEK, Nambucca River. Molybdic Ochre.  
 DEEPWATER. Bismuthinite, Cosalite, Ilmenite, Molybdenite, Monazite.  
 DELEGATE. Diamond, Monazite.  
 DRAKE. 25; Cinnabar, Copper, Cuprite, Eisenkiesel, Graphite, Proustite, Pyrrargyrite.  
 DRIPSTONE, near Wellington. Magnesite.  
 DUBBO. Gypsum, Platinum.  
 DUCKMALOI, Oberon District. Cosalite.  
 DUCKMALOI CREEK, near Oberon. Bismuthinite, Bismutite, Chalcopyrite, Wolframite, Zircon.  
 DUNDAS, near Parramatta. Aragonite, Barite, Bowlingite, Calcite, Chromite, Diallage, Picotite, Quartz.  
 DURAL, near Parramatta. Nepheline.  
 EDEN, Twofold Bay. Amethyst.  
 EL CAPITAN, Co. Canbelego. Apatite, Leucite.

- ELSMORE. 181; Beryl, Cassiterite, Herschellite, Hyalite, Molybdenite, Paragonite, Wolframite, Zircon.
- EMMAVILLE. Beryl, Cassiterite, Chialstolite, Chlorite, Copper, Cordierite, Emerald, Epidote, Fluorite, Lepidolite, Monazite, Quartz, Rhodochrosite, Sapphire, Scheelite, Siderite, Stolzite, Tetrahedrite, Topaz, Wavellite, Wolframite.
- EMU SWAMP, near Orange. Epidote.
- ESSINGTON, near Oberon. Wolframite.
- EUCHAREENA, near Molong. Cerargyrite.
- EURIOWIE, Barrier District. Cassiterite, Chialstolite, Columbite, Diamond, Orthoclase.
- EURONGILLY, near Junee. Magnesite.
- EURUNDEREE, Mudgee. Mica.
- EVANS HEAD, North Coast. Platinum.
- EXETER, near Moss Vale. Montmorillonite (?).
- FAIRFIELD, near Drake. Eisenkiesel, Graphite.
- FIFIELD. Magnesite, Platinum.
- FISH RIVER. Epidote, Garnet, Wollastonite.
- FIVE DOCK, near Sydney. Barite.
- GARAWILLA, Liverpool Plains. Quartz, Stilbite.
- GERMANTON. Bismuthinite, Scheelite.
- GERRINGONG. Augite, Glendonite.
- GEURIE, near Dubbo. Gypsum.
- GEYGEDZERICK HILL, Cooma District. Chialstolite.
- GIANT'S DEN, Bendemeer. Actinolite, Topaz.
- GIB ROCK, near Bowral. Arfvedsonite, Sanidine.
- GILGAI, near Inverell. Glaucophane (?), Scheelite.
- GIRILAMBONE, Co. Canbelego. Azurite, Cuprite, Malachite.
- GLEN, Emmaville. Cassiterite.
- GLEN ALICE, near Capertee. Dolomite.
- GLENCOE, near, Co. Gough. Analcite, Bismuth, Bismuthinite, Bismutite, Calcite, Chabazite, Mesolite, Natrolite.
- GLEN CREEK, near Emmaville. Beryl, Calcite, Lepidolite, Scheelite.
- GLEN ELGIN, near Glen Innes. Amethyst, Quartz.
- GLEN INNES. Amethyst, Cassiterite, Diatomite, Molybdenite, Pleonaste, Quartz, Scheelite, Tellurides, Wolframite, Zircon.
- GLOUCESTER Co. Halloysite, Sulphur.
- GOBONDERY, Co. Cunningham. Hematite.
- GOOLOOINBOIN, Parish, Co. Cook. Epsomite.
- GOONOO GOONOO CREEK, near Tamworth. Laumontite.
- GORDONBROOK, Clarence River. Apatite, Asbestos, Chromite.
- GOSFORD. Barite.
- GOULBURN, near. Pyromorphite.
- GOUROCK RANGE, Shoalhaven District. Chialstolite.
- GRAFTON, South. Gypsum.
- GRASSY GULLY, Yalwal. Gold.
- GREENSWAMP, Co. Roxburgh. Chialstolite.
- GRENFELL. Arsenopyrite.
- GRONG GRONG, near Narrandera. Gold.
- GULF, near Emmaville. Beryl, Cassiterite, Monazite, Quartz, Wolframite.
- GULGONG. Cervantite, Gold, Gypsum.
- GUM FLAT, near Inverell. Olivine.



- GUNDAGAI. Asbestos, Bismuthinite, Chromite, Garnet, Gold, Pyrophyllite, *Strontium Sulphate* (?), Telluride of Gold, Tetradyomite, Topaz.
- GUNNEDAH. Stilbite.
- GUY FAWKES, near Hillgrove. Jet (?).
- HALLS CREEK, near Bingara. Antigorite, Axinite, Bowlingite.
- HANGING ROCK, near Nundle. Chalcedony, Chlorite.
- HARDEN. Augite, Leucite, Pyroxene.
- HARGRAVES. Gold.
- HARPER'S HILL, Maitland District. Glendonite.
- HARTLEY. "Wollongongite."
- "HAWKESBURY SANDSTONE," Sydney. Almandite, Gold, Graphite, Kaolinite.
- HEDLEY TARN, Kosciusko. *Ægirite*.
- HERBERT PARK, Armidale. Sulphur.
- HIGHLAND HOME, Co. Gough. Monazite.
- HILL END. Diamond, Gold, Gold Nugget.
- HILLGROVE. 18: Antimony, Chrysocolla, Graphite, Jamesonite (?), Molybdenite, Scheelite, Stibnite.
- HOGUE'S CREEK, near Glen Innes. Cassiterite, Molybdenite, Wolframite.
- HORSEARM, near Attunga. Garnet.
- IMPERIAL TIN MINE, Barrier District. Cyanite, Zoisite.
- INVERELL. Analcite, Aragonite, Arsenopyrite, Berthierite, Chabazite, Conradite, Diamond, Emery, Fluorite, Glaucophanite (?), Molybdenite, Natrolite, Olivine, Orthoclase, Paragonite, Pleonaste, Sapphire, Siderite, Stannite, Thomsonite, Topaz, Tourmaline, Wolframite, Zircon.
- JAMBEROO. Nepheline, Stilbite.
- JENOLAN CAVES, Co. Westmoreland. Minervite (?), Nitre, Phosphates.
- JERVIS BAY, South Coast. Glendonite (?).
- JINGERA MINE, Whipstick, near Panbula. Bismuth, Garnet, Molybdenite.
- JOADJA, near Mittagong. Gilsonite (?).
- JONES' CREEK, Gundagai. Asbestos, Pyrophyllite.
- KALLARA STATION, near Louth, Darling River. Halloysite.
- KANGAROO FLAT, near Emmaville. Beryl.
- KANGIARA, near Yass. Pyromorphite.
- KENSINGTON, near Sydney. Fulgurites.
- KESWICK, Leadville, near Dunedoo. Magnesite.
- KIAMA. Copper.
- KIANDRA. Beryl, Hypersthene, Sapphire.
- KINGSDALE, near Goulburn. Pyromorphite.
- KINGSGATE. 24, pp. 242-3; Arsenopyrite, Bismuth, Bismuthinite, Bismutite, Cosalite, Enhydros, Galeno-bismutite, Molybdenite, Molybdic Ochre, Pyrrhotite, Quartz, Sericite, Telluri-Bismuth Ore, Wolframite.
- KIRK'S FARM, Fish River. Epidote, Garnet, Wollastonite.
- LACHLAN and Bogan Rivers, Head of. Iridosmine, Platinum.
- LADY DON MINE, near Euriowie, Barrier District. Chiasolite.
- LAUREL HILL, near Tumbarumba. Monazite.
- LAWRENCE, Clarence River. Gypsum.
- LEADVILLE, near Dunedoo. Barite, Gypsum, Magnesite.
- LEVIATHAN MINE, Inverell. Molybdenite.
- LEWIS PONDS, near Orange. Anglesite, Cerargyrite, Silver.
- LIGHTNING RIDGE, Wallangulla, near Walgett. Opal.
- LIMBURNER'S CREEK, Mt. Werong, Oberon District. Diamond.
- LINBURN, Mudgee. Vesuvianite.
- LIONSVILLE, Upper Clarence River. Cinnabar, Monazite, Wolframite.

- LITTLE PLANT CREEK, Emmaville. Tetrahedrite.  
 LIVERPOOL PLAINS. Calcite, Quartz, Stilbite.  
 LOBB'S HOLE, near Cooma. Marcasite.  
 LOUTH, near, Darling River. Halloysite.  
 LUCKNOW. Antimony, Arsenopyrite, Asbestos, Gold, Jade.  
 LUE, near, Co. Phillip. Nepheline.  
 LYNDHURST. Gold, Rhodonite.  
 MACLEAY RIVER. *Iridium*, Stibnite.  
 MACQUARIE RIVER. Chrysoberyl (?), Diamond.  
 MAJOR'S CREEK, Braidwood. Dolomite, Pyrite, Tetrahedrite.  
 MANILLA. Axinite.  
 MARULAN. Cerussite, Fluorite, Spadaite, Stannite.  
 MERILLA, near Breadalbane, Goulburn District. Dolomite.  
 MIANDETTA, near Nyngan. Dolomite.  
 MILBURN CREEK, Carcoar District. Vivianite.  
 MILLERA [Malarra], near Tenterfield. Felspar.  
 MINERAL HILL, Condobolin. Cerargyrite, Embolite, Iodyrite.  
 MITCHELL'S CREEK GOLD MINE, Wellington District. Dolomite.  
 MITTAGONG. Diamond, Mercury (?), Sapphire.  
 MOLE TABLELAND. Ruby, Wolframite.  
 MOLONG. Bole, Copper.  
 MOOKERAWA CREEK, Orange District. Mercury (?), Ruby.  
 MOONBI, Adularia, Asbestos, Axinite, Emery, Hyalite, Orthoclase, Quartz,  
 Scapolite, Titanite.  
 MOOR CREEK, Tamworth. Tetradymite.  
 MOREE. Chalcedony.  
 MORUYA CAVES. Phosphates.  
 MOUNT ALLEN MINE, near Mount Hope. *Selenium*.  
 MOUNT COSTIGAN, Tuena. Cerussite.  
 MOUNT HOPE. Bismutite, Malachite, Selenium.  
 MOUNT NOMBY, near Gunnedah. Stilbite.  
 MOUNT OXLEY, near Bourke. Scorodite.  
 MOUNT SCOTT, Talbragar, near Dubbo. Gypsum.  
 MOUNT SOLITARY, near Mount Hope. Bismutite.  
 MOUNT STEWART, Leadville, near Dunedoo. Pyrargyrite, Pyrite.  
 MOUNT VIEW, near Cessnock, Maitland District. Zircon.  
 MOUNT VINCENT, near Maitland. Glendonite.  
 MOUNT VICTORIA. Alum, Pickeringite.  
 MOUNT WERONG, Oberon District. Diamond.  
 MOUNT WINGEN, Co. Brisbane. *Aluminium Sulphate*, Mercury (?), Sulphur.  
 MUDGEE. Barklyite, Brookite, Cinnabar, Corundum, Diamond, Grossularite,  
 Halotrichite, Mercury (?), Mica, Pleonaste, Ruby, Topaz, Vesuvianite,  
 Zircon.  
 MUMMEL RIVER, Walcha. Chabazite.  
 MUNDI MUNDI, Barrier District. Gold, Microcline.  
 MUNGA CREEK, Macleay River. Stibnite.  
 MUNRO'S CREEK, near Nundle. Antigorite.  
 MURRUMBIDGEE RIVER, Co. Harden. Beekite.  
 MURRUMBURRAH. Garnet, Leucite, Olivine.  
 MURRURUNDI. Emery.  
 MURWILLUMBAH. Emery, Psilomelane.  
 MUSWELLBROOK. Glendonite.  
 MUTTAMA, Co. Harden. Magnetite.



- NAMBUCCA RIVER. Molybdc Ochre.
- NANDEWAR MOUNTAINS. Diamond, Opal, Orthoclase, Sanidine.
- NANIMA, near Yass. Montanite, Tetradymite.
- NARRABEEN. Calcite, Copper.
- NARRANGULLEN, near Yass. Pyromorphite.
- NELLIGEN, Bateman's Bay, Co. St. Vincent. Copper.
- NEMINGHA, near Tamworth. Axinite, Epidote.
- NERRIGUNDAH, near Bodalla. Galena, Gold Nugget.
- NEVER NEVER, near Tamworth. Tourmaline.
- NEWBRIDGE, near Bathurst. Andalusite, Asbestos, Chlastoilite.
- NEW ENGLAND. 21, 23, 24, 181, 657, 659, 660: Barklyite, Beryl, Cassiterite, Citrine, Corundum, Emerald, Garnet, Glaucothane (?), Magnesia-Zinc Alum, Prehnite, Sapphire, Sericite, Serpentine, Titanite, Topaz, Uraninite (?), Wolframite.
- NEWSTEAD, near Inverell. Cassiterite.
- NIMBY, near Murrumburrah. Olivine.
- NIMITYBELLE, near Cooma. Emery, Ruby, Sapphire.
- NOWRA, near. Alum.
- NUNDLE. Antigorite, Axinite, Calcite, Chalcedony, Chlorite, Copper, Emery, Fassaite, Garnet, Gold, Hyalite, "Pinite," Prehnite, Quartz, Scheelite, Smaragdite, Spinel, Stibnite, Vesuvianite.
- NYMAGEE. Vivianite.
- NYNGAN, near. Magnesite, Opal.
- OAKENVILLE CREEK, near Nundle. Chlorite.
- Oakey CREEK, between Bingara and Warialda. Calcite.
- Oakey CREEK, near Inverell. Diamond.
- OBAN. Orthoclase, Quartz, Spinel, Topaz, Zircon.
- OBERON. Amethyst, Augite, Bismuthinite, Bismutite, Cosalite, Diamond, Monazite, Montanite, Platinum, Tetradymite, Wolframite, Zircon.
- ONYBYGAMBAH, Tweed River. Manganese Nodules.
- ORANGE. Cuproscheelite, Epidote, Gold Nuggets, Platinum.
- OURA, near Wagga Wagga. Gold.
- OVERFLOW MINE, Bobadah, near Nymagee. Malachite.
- PALING YARD, Barraba. Chromite, Kämmererite.
- PANBULA [Pambula], Co. Auckland. Bismuth, Molybdenite, Parisite (?), Pyrrargyrite, Telluride of Gold, Torbernite (?).
- PARADISE CREEK, Emmaville. Monazite.
- PARKES DISTRICT. Berthierite, Gold Nugget, Platinum.
- PARRAMATTA, near. Analcite, Aragonite, Augite, Barite, Bowlingite, Calcite, Chromite, Diallage, Picotite, Prehnite, Quartz, Scapolite, Stilbite, Thomsonite.
- PEAKS SILVER FIELD, The, Burragorang, Co. Camden. 469; Cerussite, Nepheline, Siderite.
- PEAK HILL, near Parkes. Cerargyrite, Gold Nugget, Haloid Silver Minerals, Iodyrite (?).
- PEEL RIVER, Nundle. Chalcedony, Lead, Niccolite, Ruby, Sapphire, Spinel.
- PEELWOOD. Azurite, Gallium, Indium, Scheelite.
- PHEASANT CREEK, near Deepwater. Cassiterite.
- PIG AND WHISTLE REEF, Drake. Copper.
- PINNACLES, The, Broken Hill District. Felspar.
- POKOLBIN, near Maitland. Datolite, Natrolite.
- PORT MACQUARIE. Bastite, Monazite, Opal.
- PRETTY GULLY, Drake. Cinnabar.

- PROSPECT, near Parramatta. Analcite, Augite, Ilmenite, Prehnite, Scapolite, Stilbite, Thomsonite.
- PULGANBAR, near South Grafton. Cinnabar.
- PULLETOP, near Wagga Wagga. Tungstite, Wolframite.
- PURNAMOOTA, Barrier District. Andalusite, Cerargyrite, Chloritoid.
- PYE'S CREEK, Bolivia. Cervantite.
- PYRAMUL CREEK, near Tambaroora. Diamond.
- PYRMONT, Sydney. Garnet.
- QUIRINDI, near. Emery.
- RED HILL, Broken Hill District. Asbestos, Picrolite.
- RED ROCK FLAT, Parish Goolooinboin, Co. Cook. Epsomite.
- REEDY CREEK, near Bathurst. Diamond.
- REEDY CREEK, near Molong. Copper.
- RICHMOND RIVER. *Aluminium Phosphate*, "Cimolite," Diatomite, Gold, Iridosmine, Monazite, Platinum.
- RIVERTREE, near Drake. Berthierite, Proustite, Pyrargyrite.
- ROCKLEY. Talc.
- ROCK LILY, near Narrabeen. Calcite.
- ROCKVALE, near Armidale. Cerargyrite, Proustite, Pyrargyrite, Silver.
- ROCKWELL PADDOCK, near Broken Hill. Asbestos.
- ROCKY BRIDGE CREEK, Abercrombie River. Opal.
- ROCKY RIVER, Uralla. Topaz.
- RUBY SILVER LODGE, Rockvale, near Armidale. Cerargyrite, Proustite, Pyrargyrite, Silver.
- RUPEE MINE, near Broken Hill. Felspar.
- RYDAL, near Sunny Corner. Embolite, Silver.
- RYLSTONE, near Mudgee. Cinnabar.
- SANDILANDS, near Tabulam, Co. Drake. Labradorite.
- SAWPIT GULLY, near Tamworth. Tellurides.
- SCRUBBY GULLY, Torrington. Beryl.
- SHOALHAVEN DISTRICT. Alum, Chiastolite, Pickeringite, Topaz.
- SILVERTON, Barrier District. Cerargyrite, Embolite, Garnet, Silver, Tourmaline.
- SINGLETON. Glendonite.
- SLIPPERY CREEK, near Oberon. Montanite.
- SNOWY RIVER, Kosciusko District. Ægirite, Nepheline.
- STANBURRA [Stanborough], near Tingha. Beryl.
- STEPHEN'S CREEK, Barrier. Chloritoid, Phosphate of Iron and Magnesia.
- STRATHBOGIE, near Emmaville. Chiastolite.
- STUART TOWN, near. *Palladium*.
- SUGARLOAF MOUNTAIN, near Braidwood. Copper.
- SUNNY CORNER, near Rydal. Arsenopyrite, Embolite, Silver.
- SURFACE HILL, Torrington. Beryl, Emerald, Topaz.
- (?) SURFACE HILL, Wollombi. Platinum.
- SWAMP OAK, near Moonbi. Arsenopyrite, Emery.
- SWANVALE, near Glen Innes. Aragonite, Natrolite.
- SYDNEY. Almandite, Atacamite (?), Barite, Fulgurites, Garnet, Kaolinite.
- TACKING POINT, North Coast. Monazite.
- TALBRAGAR, near Dubbo. Gypsum.
- TALLONG, near Marulan. Apatite, Arsenopyrite, Garnet, Scapolite, Titanite, Vesuvianite, Wollastonite.
- TALWONG MINE, near Marulan. Cerussite, Fluorite, Stannite.
- TAMBAR SPRINGS, Liverpool Plains. Calcite.



- TAMBAROORA. Arsenopyrite.  
 TAMWORTH, near. Axinite, Diatomite, Emery, Laumontite, Opal, Tellurides, Tetradymite, Tourmaline, Wollastonite.  
 TARAGO, Co. Argyle. Cerargyrite.  
 TARANA. Ilvaite, Tetradymite.  
 TARELLA, near Wilcannia. Barite.  
 TARLO, UPPER, near Goulburn. Diamond.  
 TAYLOR'S LODGE, near Emmaville. Lepidolite.  
 TEA-TREE CREEK, near Barraba. Gold.  
 TEMORA. Willemite (?).  
 TENTERFIELD. Cassiterite, Cerargyrite, Felspar, Galena, Pyrargyrite.  
 THACKARINGA, Barrier. Siderite, Silver.  
 TIMBARRA. Sericite.  
 TINGHA. 24, pp. 239-241, 181; Actinolite, Beryl, Bismuth, Cassiterite, Diamond, Felspar, Galena, Quartz, Rutile, Sericite, Topaz, Zircon.  
 TOOLOOM, Co. Buller. Monazite.  
 TOMINGLEY, near Parkes. *Vanadium*.  
 TORRINGTON. 24, pp. 244-248; Aventurine, Beryl, Bismuth, Bismuthinite, Emerald, Felspar, Ferberite, Fluorite, Hübnerite, Kaolin, Lepidomelane, Mica, Monazite, Nickel Sulphide, Quartz, "Rabenglimmer," Smaltite, Topaz, Torbernite (?), Uraninite, Wolframite.  
 TRANGIE, near Warren. Gypsum.  
 TRUNDLE. Chalcocite, Monazite (?).  
 TRUNKEY. Actinolite, Talc.  
 TUENA. Barite, Cerussite, Cuproscheelite, Scheelite, Stolzite.  
 TUMBARUMBA. Monazite, Ruby, Sapphire.  
 TUMUT. Chromite, Kaolin, Mimetite.  
 TUMUT RIVER, Co. Selwyn. Cachalong.  
 TURON RIVER. Diamond, Gold, Platinum.  
 TURPENTINE RANGE, near Nowra. Alum.  
 TWEED RIVER. Manganese Nodules.  
 TWEED HEADS. Opal.  
 TWOFOLD BAY. Amethyst.  
 TWO-MILE FLAT, Mudgee. Barklyite, Diamond, Ruby.  
 ULLADULLA. Kaolin.  
 ULMARRA, Clarence River. Valentinite.  
 UMBERUMBERKA, Barrier. Anglesite, Calcite, Siderite, Silver.  
 UNDERCLIFF, Wilson's Downfall, Co. Buller. Felspar, Graphite.  
 UPPER BINGARA. Gold, Zoisite.  
 UPPER TARLO, near Goulburn. Diamond.  
 URALLA. Diatomite, Ilmenite, Orthoclase, Rutile, Spinel, Tetradymite, Topaz, Tourmaline, Zircon.  
 VALLEY, THE, 40 miles east of Hillgrove. Molybdenite.  
 VEGETABLE CREEK. 201; Beryl, Cassiterite, Monazite, Sapphire.  
 WAGGA WAGGA. Gold.  
 WALCHA. Chabazite, Graphite, Olivine.  
 WALCHA ROAD. Titanite.  
 WALGETT, near. Opal.  
 WALLANGRA, near Inverell. Tourmaline.  
 WALLANGULLA, near Walgett. Opal.  
 WALLA WALLA MINE, near Rye Park, Yass District. Mimetite, Pyromorphite.  
 WALLEDBEEN, near Murrumburrah. Talc.

- WALLERAWANG. Alum, Alunogen, Andradite, Garnet, Magnetite.  
 WARIALDA. Calcite, Hyalite.  
 WARLAND'S CREEK, near Murrurundi. Emery.  
 WARREN, Co. Oxley. Gypsum.  
 WARRUMBUNGL MOUNTAINS. Diatomite, Opal.  
 WATTLE FLAT, near Bathurst. Chloritoid, Ottrelite.  
 WAUKEROO, Barrier. Cassiterite, Orthoclase.  
 WEARE'S CREEK, Co. Parry. Niccolite.  
 WEBB'S CONSOLS MINE, near Emmaville. Sphalerite.  
 WEBB'S MINE, near Emmaville. Rhodochrosite, Tetrahedrite.  
 WELLINGTON. Barite, Braunitz, Dolomite, Gold Nugget, Orthoclase.  
 WELLINGTON CAVES, near Wellington. Beekite, Phosphates.  
 WERRIS CREEK. Heulandite, Laumontite, Scolecite, Stilbite.  
 WERTAGO, near Wilcannia. Calcite.  
 "WESTERN DISTRICT." Cat's Eye, Columbite.  
 WHIPSTICK, near Panbula. Bismuth, Garnet, Molybdenite.  
 WHITE CLIFFS, near Wilcannia. 330, 357, 419; Barite, Opal.  
 WILCANNIA. Barite, Calcite.  
 WILSON'S DOWNFALL, Co. Clive. Graphite, Molybdenite, Orthoclase, Titanite.  
 WINDEYER, near Mudgee. Arsenopyrite, Gypsum.  
 WINGECARRIBEE RIVER, Mittagong District. Sapphire.  
 WINGEN, Co. Brisbane. Fuller's Earth.  
 WINGEN, MOUNT. [See MOUNT WINGEN.]  
 WISEMAN'S CREEK, Co. Westmoreland. Malachite, Tetrahedrite.  
 WOLLOMBI (?). Platinum.  
 WOLLUMBI, near Armidale. Argentite.  
 WOLLONGONG. Glendonite.  
 WOLUMLA, near Panbula. Pyrargyrite.  
 WOODSTOCK, near Blayney. Bornite.  
 WOOLGARLO MINE, near Yass. Fluorite.  
 WOOLSHED GAP, Bundarra. Actinolite.  
 YALLAROI, near Warialda. Hyalite.  
 YALWAL, Co. St Vincent. 19; Felspar, Gold, Orthoclase.  
 YARRANGOBILLY, Co. Selwyn. Marcasite.  
 YARROW CREEK, Kingsgate. Bismutite.  
 YASS. Beekite, Fluorite, Mimetite, Montanite, Pyromorphite, Tetradymite.  
 YEOVAL, near Wellington. Cupro-scheelite.  
 YERRANDERIE, Burratorang. Polybasite, Pyrrhotite, Tetrahedrite.  
 [See also **Peaks Silver Field.**]  
 YOUNG, near. Covellite.  
 YULGILBAR, Clarence River. Cinnabar, Magnesite.



## VICTORIA.

## GENERAL WORKS AND PAPERS.

- ATKINSON (J. A.). A Locality List of all the Minerals hitherto recorded from Victoria. *Procs. Roy. Soc. Vict.*, ix, 1896 (1897), pp. 68-119.
- CLARK (D.). Minerals of Eastern Gippsland. *Rept. Austr. Assoc. Adv. Sci.*, iv, 1892 (1893), pp. 285-289.
- GREGORY (J. W.). A Contribution to the Bibliography of The Economic Geology of Victoria. *Rec. Geol. Surv. Vict.*, ii, 3, 1907.
- HALL (T. S.). List of Minerals found in the Castlemaine District. *Trans. Roy. Soc. Vict.*, vii, 1894 (1895), pp. 83-88.
- KITSON (A. E.). The Economic Minerals and Rocks of Victoria. *Spec. Rept. Dept. Mines Vict.*, 1906 (Reprint from Victorian Year-book, 1905, Part ix, pp. 517-536).
- SELWYN (A. R. C.) and others. A Descriptive Catalogue of The Rock Specimens and Minerals in the National Museum collected by the Geological Survey of Victoria, pp. 69-95 (Melbourne, 1868).
- SMYTH (R. B.). The Gold-fields and Mineral Districts of Victoria (Melbourne, 1869).
- Descriptive Catalogue of Rocks, Minerals and Fossils, illustrative of The Geology, Mineralogy and Mining Resources of Victoria, pp. 29-38. *Philad. Internat. Exhib.*, 1876 (Melbourne, 1875).
- ULRICH (G. H. F.). Mineral Species of Victoria. *Intercol. Exhib. Essays*, 1866-7 (1867), No. 3 (pp. 184-235 of Official Record).
- Contributions to The Mineralogy of Victoria. *Min. Statistics Vict.*, 1869, Appendix E, pp. 52-67 (Melbourne, 1870); also separate, pp. 32 (Melbourne, 1870).
- WALCOT (R. H.). Additions and Corrections to the Census of Victorian Minerals. *Procs. Roy. Soc. Vict.*, xiii, 1900 (1901), pp. 253-272.

## SUBJECT INDEX.

- Adularia.** Reid's Creek, near Beechworth, 843, p. 62.
- Ægirite.** Omeo, 747.
- Agate.** Woolshed Valley, Beechworth, 268A, p. 7.
- Albine.** [See Apophyllite.]
- Albite.** Bendigo (Sandhurst), 173, 474, 843, p. 62; Blacksmith's Gully Reef, Fryerstown, 719, p. 78, 843, p. 62; Omeo, 231, p. 117, 392, pp. 26-27; Tarilta, 719, p. 94, 843, p. 62.
- Allophane.** Pleasant Creek, near Stawell, 844, p. 20.
- Almandite.** Berwick, 844, p. 16; Baynton's Station, near Magnet Hill, Campaspe River, 844, p. 16; Ovens, 843A, p. 34; Mount Taylor, Co. Dargo, 857.
- Amethyst.** Beechworth, 268A, pp. 7, 12, 604, p. 79, 688, 843, p. 70; Bradford Lead, Maldon, 719, p. 84, 843, p. 70; Ovens, 64, p. 102, 781, p. 82.
- Ammonium Chloride.** Frankston, 372A.
- Amphibole.** Swift's Creek, Omeo, 392, pp. 35-38.  
[See also Hornblende.]

- Analcite.** Flinders, 668, p. 19; Phillip Island, 688, p. 69, 719, p. 77, 842, p. 27, 843, p. 60, 844, p. 25; Richmond, near Melbourne, 844, p. 25.
- Anatase.** Pakenham, 609, p. 168; Woolshed Valley, Beechworth, 268A, p. 7.
- Andalusite.** [See *Chiastolite*.]
- Ankerite.** Bendigo (Sandhurst), 178; Phillip Island, 843, p. 75, 843A, p. 347.
- Anorthite.** Swift's Creek, Omeo, 392, pp. 27-29.
- Anorthoclase.** Mount Noorat, Camperdown District, 345, pp. 20-21.
- Apatite.** Eaglehawk, Maldon, 688, p. 74; Phillip Island, 857; near Seymour, 857; Western Port, 857.
- Apophyllite, var., Albine.** Castlemaine, 364, p. 56.
- Aragonite.** Hustler's Reef, Bendigo (Sandhurst), 609, p. 169; Flinders, 668, p. 20; Merri Creek, near Melbourne, 612, 800, p. 78; Phillip Island, 688, p. 69; Richmond, near Melbourne, 719, p. 87; Muckleford Creek, near Newstead, 719, p. 88, 843, pp. 72-73; Warrenheip Station, near Ballarat, 371, p. 191.
- Arsenic.** Castlemaine, 186, p. 52.
- Arsenopyrite.** Castlemaine, 843, p. 57.
- Asbestos.** [See *Mountain Leather*.]
- Augite.** Mount Hepburn, near Smeaton, Co. Talbot, 844, p. 19; Mount Moorokyle, 844, p. 19; Mount Terang, Camperdown District, pp. 5, 8, 21; Mount Wallace, Steiglitz, 844, p. 19.  
[See also *Fassaite*.]
- Axinite.** Samaria, Mansfield District, 857.
- Balas Ruby.** [See *Spinel Ruby*.]
- Barite.** Canni Creek, Buchan, 268, pp. 66-67; Maldon, 843, p. 76, 844, p. 31; Phillip Island, 609, p. 167; Richmond, near Melbourne, 609, p. 167.
- Barklyite.** Beechworth, 71, p. 73, 268A, p. 9; Ovens, 65, p. 70, 763, pp. 22-23.
- Berthierite.** Euroa, 857.
- Beryl.** Pilot Creek (? near Forest Hill, Co. Tambo), 185, p. 54.
- Biotite.** Dandenong, 699, p. 533, 746, p. 462.
- Bindheimite.** Murindal Lead Mine, near Buchan, Co. Tambo, 612, p. 145.
- Bismuth.** Ballarat, 844, p. 5; Beechworth, 268A, p. 8, 844, p. 5; Kingower, 770, p. 421; Linton, 605, 771, p. 99, 844, p. 5; Omeo, 769, p. 33, 770, p. 421; Mount Taylor, Co. Dargo, 857; Tarrangower, 770, p. 421; Yarra Basin, 770, p. 421.
- Bismutite.** Tarrangower, 719, p. 70, 770, p. 421.
- Blende.** [See *Sphalerite*.]
- Bournonite.** Anderson's Creek, Co. Evelyn, 857; McIvor, 765, pp. 17-19, 843, p. 50; Mount Wills, 857; Steiglitz, 844, p. 5.
- Breunerite.** Bendigo (Sandhurst), 844, p. 32; Wood's Point, 844, pp. 31-32.
- Brookite.** Mount Greenock Lead, near Talbot, Co. Talbot, 844, p. 9; Steiglitz, 844, pp. 8-9.
- Brown Spar.** [See *Breunerite*.]



- Cairngorm.** Beechworth, 843, p. 70; Tarrangower, 843, p. 70.
- Calcite.** Clunes, 844, p. 32; Degraives's Mill, Kyneton, 719, p. 87, 843, p. 72; Campbell's Reef, Moyston, 844, p. 32; Moe Swamp, Westbury, 844, p. 32; Muckleford Creek, near Newstead, 843, pp. 72-73; Phillip Island, 843, p. 72; Richmond, near Melbourne, 844, p. 32.
- [See also **Ferro-calcite, Mangano-calcite.**]
- Carnelian** (*pseudomorphous*). Ovens, 843A, pp. 347-348.
- Cassiterite.** Beechworth, 688, p. 73, 844, pp. 9-10; Eldorado, Beechworth, 854A, p. 117; Woolshed Valley, Beechworth, 268A, pp. 8-9; Cudgewa, 265C, pp. 90-97; Koetong, 265C, pp. 90-97; Mount Taylor Creek, Co. Dargo, 857.
- Cerargyrite.** Monte Christo Mine, Bullumwaal, 857; United Brother's Mine, Glen Wills, 857; St. Arnaud, 605, p. 51.
- Cerussite.** Wilson's Reef, St. Arnaud, 843, p. 48; Nicholson's Reef, Castlemaine, 843, p. 48.
- Cervantite.** Costerfield, McIvor, 844, pp. 7-8; Ringwood, 844, pp. 7-8.
- Chabazite.** Clunes, 688, p. 71, 842, p. 27, 844, pp. 29-30; Flinders, 668, p. 20; Frankston, 609, p. 167; Degraives's Mill, Kyneton, 719, p. 77, 843, p. 61; Lilydale, 371, p. 192; Pentland Hills, near Bacchus Marsh, 719, p. 77; Richmond, near Melbourne, 48, 74, p. 277, 375, 449, 467, 612, 670, 685, 686, 688, p. 71, 719, p. 77, 772, pp. 104-109, 800, pp. 78-79, 842, pp. 27-28, 843, p. 61, 843A, p. 347, 844, pp. 26-29, 847.
- Chalcedony** (*Enhydros*). Beechworth. [See **Enhydros.**]
- Chiastolite.** Thoona, 857.
- Chloritoid** (?). Noyang, Co. Tambo, 393, pp. 25-29.
- Chrome Ochre.** Pleasant Creek, near Stawell, 844, p. 8.
- Chrysotile.** Mount Timbertop, Howqua River District, 844, p. 19.
- Cinnabar.** Bendigo Co., 50A, p. 49; Silver Creek, Jamieson River, 602, p. 3.
- Cinnamon Stone.** Woolshed Valley, Beechworth, 268A, p. 10.
- Copiapite.** Point Addis, Geelong, 719, pp. 73-74, 770, p. 430-431.
- Copper.** Rodney Gold Mining Co., near Ballarat, 771, p. 95, 844, p. 6; Bethanga, 609, p. 168; Brunswick, 609, p. 169; Clunes, 844, p. 5; Egerton, 771, p. 95, 844, p. 6; Footscray, 306, 609, p. 169; Specimen Hill, Forest Reef, 841, p. 221; Malmesbury, 609, p. 169; Richmond, near Melbourne, 609, p. 168; St. Arnaud, 770, p. 413; Thomson River, Gippsland, 769, p. 33, 771, pp. 94-95, 843, p. 46.
- Corundum.** Woolshed Valley, Beechworth, 268A, p. 9; Comaidai, near Mount Blackwood, 70, p. 14, 71, pp. 73, 74; Dandenong, 843, p. 68; Dolodrook, Gippsland, 803, pp. 259-260; Heathcote, 745, pp. 337-338; Wellington River, Gippsland, 265B, pp. 66-67, 266, p. 63; William Wallace Creek, near Pakenham, Dandenong, 70, pp. 14-15, 71, pp. 73-74.
- [See also **Barklyite, Ruby, Sapphire.**]
- Cuproplumbite.** McIvor, 765, pp. 17-19, 841, p. 221, 843, p. 48.
- Damourite** (?). Maldon, 844, p. 20.
- Dawsonite** (?). Yarraville, 777.



- Diamond.** Beechworth, 64, pp. 99-100, 65, pp. 67-68, 67, p. 4, 71, p. 72, 268A, pp. 9-10, 769, p. 36, 770, pp. 442-443, 771, pp. 106-107, 788, pp. 129-130, 843, p. 69; Collingwood Flat, 64, p. 99; Congbool, Black Range, 857; Ovens, 304, 842, pp. 26-27, 843A, p. 347; Great Southern Mine, Rutherglen, 854A, p. 25.
- Diatomite.** Bacchus Marsh, 521A, p. 14; Bunker's Hill, Ballarat, 521A, p. 9; Cardigan, 857; Castlemaine, 609, p. 169; Daylesford, Loddon Valley, 521A, p. 9; Glengower, Loddon Valley, 375A, 521A, p. 8; Lilieur, Loddon Valley, 458, 521A, p. 6; Talbot, Loddon Valley, 521A, p. 8; Fairfield, near Melbourne, 521A, p. 10; Merri Creek, Northcote, 521A, p. 11; Mickleham, Craigieburn, 521A, p. 11, Portland District, 452, 521A, p. 13; near Swan Hill, Lower Murray, 61; South Yarra District, 521A, p. 10.
- Dittmarrite** [*doubtful species*]. Skipton Caves, near Ballarat, 514, p. 216, 517 pp. 181-182.
- Dolomite.** Maldon, 111, 688, p. 74; Moonee Ponds Creek, 844, p. 32; Mount Timbertop, Howqua River District, 843, pp. 74-75.
- Dufrenite.** Whitfield District, Co. Delatite, 854C, p. 49.
- Electrum.** Wood's Point, 857.
- Embolite.** St. Arnaud, 304, 770, p. 411, 843, p. 45, 843A, p. 346.
- Enhydros.** Beechworth, 176, 263, 268A, pp. 10, 15-16, 305, 495, p. 18, 683, pp. 72-73, 719, p. 85, 770, pp. 252-253, 843, p. 71.
- Epidote.** Talbot, Co. Talbot, 844, p. 18; Tarilta, Co. Talbot, 844, p. 18.
- Epsomite.** Geelong, 843, p. 76; Bacchus Marsh, 843, p. 76; Cape Otway, 843, p. 76; Maldon, 843, p. 76; Clunes, 843, p. 76.
- Fassaite.** Morocco Valley, Gippsland, 688, p. 74.
- Felspar.** Woolshed Valley, Beechworth, 268A, p. 10; Mount Macedon, 349, p. 217; Maldon, 688, p. 74; Moyarra, near Jumbunna, 427, p. 38; Parish McKeeya, Co. Ripon, Mount William Goldfield, 397, pp. 38-40.  
[See also Adularia, Albite, Anorthite, Anorthoclase, Labradorite, Microcline, Microcline-Perthite, Micro-Perthite, Oligoclase, Orthoclase, Plagioclase, Sanidine.]
- Ferro-calcite.** Barfold Falls, Campaspe River, 719, p. 87, 843, p. 75; Merri Creek, near Melbourne, 800, pp. 78-79.
- Fibrolite.** Beechworth, 844, p. 25; Gippsland, 606, 844, p. 25.
- Fluorite.** Beechworth, 844, p. 14.
- Fuchsité (?)**. Morse's Creek, Ovens River, near Buckland, 770, p. 41.
- Galena.** Martha Vale, near Mount Baldhead, 857.
- Garnet.** Beechworth, 844, p. 17; Woolshed Valley, Beechworth, 268A, p. 10; Chiltern, 844, p. 16; Bradford Lead, Maldon, 719, p. 81, 844, p. 16; Wahgunyah, Indigo, 770, p. 41; (*in igneous rocks*), 446B, pp. 269-270.  
[See also Almandite, Cinnamon Stone.]
- Gemstones.** 64-71.  
[See also Amethyst, Balas Ruby, Barklyite, Beryl, Cairngorm, Diamond, Garnet, Rubellite, Ruby, Sapphire, Spinel Ruby, Topaz, Turquoise, Zircon.]
- Glauber Salt.** [See Mirabilite].
- Gmelinite.** Flinders, 668, pp. 19-20; Phillip Island, 688, p. 69, 719, p. 77, 843, p. 61, 843A, p. 347.



- Gold.** Ballarat, 52, p. 315, 706A, p. 223, 780, pp. 306, 307, 308, 843, p. 43; Woolshed Valley, Beechworth, 268A, pp. 10-11; Castlemaine, 843, pp. 42-43; Chiltern Valley Mine, 265A, pp. 57-58; Clombinane, near Wandong, 428; Poverty Reef, Dunolly Division, 770, p. 338; Forest Reef, near Chewton, Co. Talbot, 841, p. 221; Maldon, 843, p. 42; McIvor, 780, pp. 306, 307, 308, 841, p. 174, 843, pp. 42, 43; Mount Alexander, 227; New Bendigo, 843, p. 43; Ovens, 319; Berlin Diggings, near Kingower, 770, p. 374-375; Dunolly, 770, pp. 372-374, 600-601.
- Nuggets.* Gippsland, 506, pp. 259-260; Maryborough, 391A, p. 23; Queenstown, 506, p. 260; Tarnagulla, 391; (*general*), 59, 265D, 770, pp. 355-378, 771, pp. 84-87, 773, pp. 65-66, 843, pp. 43-45.
- Auriferous Conglomerates.* 372.
- Origin in Quartz Veins.* 706A.
- Occurrence, &c.*, 769, pp. 10-31, 770, pp. 73-78, 771, pp. 42-88, 773, pp. 38-65, 843, pp. 41-45.
- Gold-lead Alloy.** Chinaman's Flat, Maryborough, 771, p. 98.
- Gold-silver Alloy.** Reedy Creek, Goulburn River, 769, p. 32; St. Arnaud, 843, p. 45.
- Gold-amalgam.** Ballarat, 52, p. 315; Kangaroo Flat, 52, p. 315; Tarrangower, 841, p. 221.
- Gypsum.** Batman's [West Melbourne] Swamp, 719, p. 89, 770, p. 251, 843, p. 76; Melbourne, 60, 857; Murray Basin, 857.
- [*See also Selenite*].
- Halloysite.** Alexandra, 844, p. 20; Lauriston, 844, p. 20; Wood's Point, 844, p. 20.
- Hannayite.** Skipton Caves, near Ballarat, 514, pp. 215, 216, 517, p. 181, 690, pp. 8-9, 691, pp. 5-6, 692, 693, pp. 426-427.
- Haughtonite (?)**. Noyang, Co. Tambo, 393, pp. 22-25.
- Hematite.** Redan, Ballarat, 857; Batesford, near Geelong, 857; Barford Falls, Campaspe River, 719, p. 71; near Malmesbury, 770, p. 426; Sandy Creek, Tarrangower, 770, p. 426.
- Herschellite** [=Chabazite, *q.v.*]
- Heulandite.** Frankston, 609, p. 167; Tiverton Reef, Maldon, 844, p. 31; Lisle's Reef, Mount Tarrangower, 719, p. 77, 843, p. 61, 844, p. 31; Lennox's Reef, Mount Tarrangower, 843, p. 61, 844, p. 31; Phillip Island, 688, p. 69 [Stilbite].
- Hornblende.** Anakies, 719, p. 79, 843, p. 64.
- Hyalite.** Barinhup, Gisborne, Kyneton, Malmesbury, &c., 843, p. 72; Beechworth, 268A, p. 11.
- Hypersthene.** Dandenong, 699, p. 533, 746, p. 462.
- Ilmenite.** Dandenong, 699, p. 533, 746, p. 462.
- Iridosmine.** Livingstone Gully (? near Turton's Creek, County Buln-Buln), 601, p. 171; Stockyard Creek, near Foster, Co. Buln-Buln, 451, p. 525; Turton's Creek, Co. Buln-Buln, 186, p. 52, 451, p. 525, 601, p. 171; Waratah Bay, Co. Buln-Buln, 451, p. 525; (?) Yarra Gold Fields, 843, pp. 45-46; *in gold*, 770, p. 410, 771, p. 90.
- Iron (*in basalt*).** Magnet Hill, Baynton's Station, Campaspe River, 770, p. 423.
- Jamesonite.** Tarrangower, 185, p. 53.
- Jasper.** Woolshed Valley, Beechworth, 268A, pp. 11-12.

- Kermesite.** United Brothers' Mine, Sunnyside 857.
- Labradorite.** Loddon, 843, p. 62; Malmsbury, 843, p. 62; Swift's Creek, Omeo, 392, pp. 27-29; Table Hill, near Guildford, 843, p. 62.
- Laumontite.** San Remo, 857.
- Lead.** Avoca, 769, p. 34, 770, p. 420, 843, p. 48; Park Company, Ballarat West, 857; Mount Greenock, Co. Talbot, 843, p. 48; (?) Linton, 605, p. 51; Ringwood Antimony Mine, Co. Evelyn, 446A, p. 138; St. Andrew's Homeward Bound Reef, Caledonia Gold Field, 446A, p. 138, 854, p. 61; Talbot, Co. Talbot, 769, p. 34, 770, p. 420, 843, p. 48; Warrandyte, Co. Evelyn, 446A, p. 138.
- Limonite.** Mallecoota Proprietary Mine, Mallecoota Inlet, Co. Croajingalong, 857.
- Magnesite.** Hard Hills, near junction of Jim Crow Creek and Loddon River, 770, p. 441, 843, p. 74.
- Magnetite.** Mitchell River, 857.
- Maldonite.** Maldon, 183, p. 52, 184, p. 52, 513, 688, p. 73, 844, p. 4, 847.
- Mangano-calcite (?)**. Carbonate Gold and Silver Mine, Buchan, 857.
- Mercury.** Silver Creek, Jamieson River, 602, p. 3.
- Mesolite.** Clunes, 844, p. 26; Richmond, near Melbourne, 609, p. 169.
- Mica.** [See Biotite, Damourite, Fuchsite, Haughtonite, Rubellan.]
- Microcline.** Swift's Creek, Omeo, 392, pp. 29-32, 395.
- Microcline-perthite.** Watt's Creek, Easay, 394, pp. 102-103.
- Micro-perthite.** Omeo, 395, pp. 104-105, 124.
- Middletonite (?)**. Lal Lal, 843, p. 80.
- Mimetite.** St. Arnaud, 843, pp. 48-49, 843A, p. 347.
- Mirabilite.** Lal Lal, 857; Mitchell's Diggings, Campaspe River, 719, p. 89, 844, p. 31.
- Mispickel.** Castlemaine, 843, p. 57.
- Molybdenite.** Beechworth, 843A, p. 347; Gurrum, near Euroa, 857; Lancefield, 857; Latrobe River, 771, p. 99; Maldon, 771, p. 99, 844, p. 7; Mount Moliagul, 844, p. 7; Wattle Gully Reef, Tarrangower, 706A, p. 223; Yackandandah, near Beechworth, 688, p. 74, 719, p. 76, 769, p. 33, 770, p. 423, 771, p. 99, 843, p. 59; Yea, Goulburn River, 719, p. 76, 844, p. 7.
- Molybdic Ochre.** Yea, Goulburn River, 844, p. 7.
- Monazite.** Bethanga, 706B, p. 35; South Gippsland, 857; Excelsior Tin Mining Co., Koetong, 265C, p. 95; Dark River, near Mitta Mitta, 265, p. 123; Nhill, 857; Pinch Swamp Creek, Bonang District, 179, 857; (?) Bonang District, 609, p. 168.
- "Mooraboolite" (=Natrolite).** Moorabool, 667.
- Mountain Leather.** Near Tarilta, 843, p. 65
- Muellerite** [= Schertalite, *q.v.*]
- Muscovite.** Omeo, 395, p. 105.
- Natrolite.** Flinders, 668, p. 19; Moorabool, 667 ("Mooraboolite"); Phillip Island, 688, p. 69, 719, p. 77, 843, pp. 60-61.
- Nepheline.** Omeo, 747.
- Newberyite.** Skipton Caves, near Ballarat, 230, 514, pp. 215-216, 517, p. 181, 691, pp. 6-8, 692, 693, pp. 427-428.
- Nontzonite.** Maldon, 770, p. 430.
- Nuggets.** [See Gold Nuggets.]
- Octahedrite.** [See Anatase.]



- Oligoclase.** Anakies, 396, 688, p. 72, 719, p. 78, 843, p. 62, 857; Be-thanga, 429, p. 7; Geelong, 233, p. 305; Harcourt, near Castle-maine, 843, p. 62; Black Hill, near Kyneton, 843, p. 62; Mount Franklin, 688, p. 71, 843, p. 62; Swift's Creek, Omeo, 392, pp. 26-27; Lake Purrumbete, 843, p. 62; Tarrangower, 843, p. 62.
- Olivine.** Anakies, 843, p. 66; Mount Terang, Camperdown District, 345, pp. 5, 8, 21.
- Opal.** Beechworth, 65, p. 72, 67, p. 10, 71, p. 74, 451, p. 531, 719, p. 83, 843, p. 72; Gelantipy, Gippsland, 844, p. 18; Sunbury, 719, p. 86, 844, p. 18.
- Orthoclase.** Beechworth, 688, p. 74, 843, p. 62; Woolshed Valley, Beechworth, 268A, p. 10; Bradford Lead, Maldon, 668, p. 74, 719, p. 78, 843, p. 61; Mount Taylor, Co. Dargo, 857; Swift's Creek, Omeo, 392, pp. 32-35, 395, p. 124; Ovens, 857; Kangaroo Flat, Talbot, 843, p. 61; Tallangalook, Co. Delatite, 390; Timbilica Valley, East Gippsland, 843, p. 61.  
[See also *Adularia*, *Sanidine*.]
- Osmiridium.** [See *Iridosmine*.]
- Perthite.** [See *Microcline-perthite* and *Micro-perthite*.]
- Phacolite** [= *Chabazite*, *q.v.*].
- Pharmacosiderite.** Clunes, 688, p. 80, 719, p. 73, 770, p. 430, 843, pp. 53-54; Maldon, 770, p. 430, 841, p. 221; St. Arnaud, 688, p. 80, 770, p. 430.
- Phillipsite.** Flinders, 857; near Degrave's Mill, Kyneton, 719, p. 77, 844, p. 30; Richmond, near Melbourne, 232, p. 307, 468, pp. 118-120, 612, 688, p. 71, 719, p. 77, 800, pp. 78-79, 844, pp. 30-31.
- Pholerite.** Blacksmith's Gully Reef, Fryerstown, 719, p. 78; Albion Co.'s Reef, Steiglitz, 844, p. 21.
- Phosphate of Yttria.* Bonang, Gippsland, 609, p. 168.
- Phosphorite.** Bruthen Creek, Gippsland, 844, p. 12.
- Pinite.** Ensay, 394, pp. 83-96.
- Plagioclase.** Anakies, 844, pp. 71, 72; Mount Franklin, 844, pp. 71, 72; Phillip Island, 844, pp. 69, 71, 72.  
[See also *Albite*, *Anorthite*, *Anorthoclase*, *Labradorite*, *Microcline*, *Microcline-perthite*, *Micro-perthite*, *Oligoclase*.]
- Platinum.** Thomson River (or Walhalla) Copper Mine, 43, pp. 8-10, 49, p. 63; Turton's Creek, Co. Buln-Buln, 857.
- Prehnite.** Dookie, 857.
- Pyrargyrite.** Democrat Mine, Mount Wills, 857.
- Pyrolusite.** Moe, Gippsland, 612.
- Pyromorphite.** Near Casterton, 268, p. 64.
- Pyrophyllite** (?). Beechworth, 844, pp. 20-21.
- Pyroxene.** Mount Terang, Camperdown District, 345, pp. 5, 8, 21.  
[See also *Ægirite*, *Augite*, *Fassaite*, *Hypersthene*.]
- Quartz.** Beechworth, 688, p. 73, 843, p. 70; Alabama Coy., Bendigo (Sandhurst) 843, p. 70; Baynton's Station, Campaspe River, 843, pp. 69-70; Dunolly, 843, p. 70; Blacksmith's Gully, Fryerstown, 719, p. 84, 843, p. 70; Inglewood, 843, p. 70; Tarrangower, 843, pp. 69-70; Parish of Langley, Co. Dalhousie, 719, pp. 83-84.  
[See also *Amethyst*, *Cairngorm*.]



**Retinite.** Lal Lal, 843, p. 81.

**Rubellan.** Mount Leura, 857.

**Rubellite.** Tarrangower, 68.

**Ruby.** Beechworth, 844, p. 15; Chiltern Valley Mine, 265A, p. 58; Comaidai, near Mount Blackwood, 71, pp. 73, 74; William Wallace Creek, near Pakenham, Dandenong, 69, 71, pp. 73, 74, 719, p. 81, 844, pp. 14-15; Jim Crow Diggings, Daylesford, 770, p. 443; Mount Eliza, Port Phillip Bay, 65, p. 70, 67, p. 6, 770, p. 444; Traralgon Creek, Co. Buln-Buln, 184, p. 53.

**Ruby Spinel.** [See Spinel.]

**Rutile.** Beechworth, 268A, p. 13; Blue Mountain and Upper Yarra Gold Fields, 843, p. 59; Maldon, 688, p. 74, 857.

**Sanidine.** Carapook, 229, p. 12.

**Sapphire.** Ballarat, 780, p. 305; Beechworth, 71, p. 74, 770, p. 443, 843, p. 68, 844, p. 15; Woolshed Valley, Beechworth, 268A, p. 13; Comaidai, near Mount Blackwood, 71, pp. 73, 74; Daylesford, 67, p. 7, 70, p. 14, 71, p. 74, 770, p. 443, 843, pp. 67-68; William Wallace Creek, Dandenong, 65, 67, p. 6, 71, pp. 73, 74, 844, p. 14; Donnelly's Creek, Gippsland, 66, 67, p. 7, 70, pp. 12-13, 71, p. 74, 769, p. 36; North Gippsland, 67, p. 7; Tubba Rubba Creek, Mornington, 769, p. 36, 770, p. 443; Ovens, 64, p. 101, 67, p. 7, 71, p. 74; Steiglitz, 770, p. 443; Blue Mountain, Trentham, Co. Dalhousie, 769, p. 36, 770, p. 443; Yarra Ranges, 769, p. 36; Yarra River, 770, p. 443, 843, p. 68.

**Scheelite.** Chiltern, Beechworth District, 854A, p. 116; Maldon, 688, p. 74, 719, p. 72, 844, pp. 10-11; Mount Cudgewa, 265C, p. 95.

**Schertalite** [= "Muellerite"]. Skipton Caves, near Ballarat, 514, p. 216, 517, p. 182, 518; "*A doubtful species.*" 857.

[The correct spelling is Schertelite.]

**Schrötterite.** Between Bright and Wood's Point, 857.

**Scolecite.** Preston Vale, (? near Coliban River, Cos. Talbot and Dalhousie), 844, p. 26; Yackandandah, near Beechworth, 844, p. 26.

**Scorodite.** Benalla, 857; Bethanga, 611, p. 73, 612; Dunolly, 719, p. 73; Maldon (Tarrangower), 770, p. 430, 841, p. 221, 843, p. 54; Dry Creek, Strathbogie Ranges, 611, p. 74, 612; Mead's Claim, Strathbogie Ranges, 348.

**Seebachite.** Richmond [= Chabazite, *q.v.*]

**Selenite.** Batman's (West Melbourne) Swamp, 719, p. 89; Hannah Street, Melbourne, 857; Murray Basin (*shell casts*), 843, p. 76.

"**Selwynite.**" Heathcote, 604, p. 82, 608, p. 304, 719, p. 79, 745, pp. 338, 340, 843, p. 63, 844, pp. 21-24, 848.

**Serpentine.** Mount Timbertop, Howqua River District, 844, p. 19.

[See also Chrysotile.]

**Siderite.** Bendigo (Sandhurst), 695.

**Sillimanite** [= Fibrolite, *q.v.*]

**Silver.** Bendigo (Sandhurst), 770, p. 410; near Forest Creek, near Chewton, Co. Talbot, 841, p. 221; Reedy Creek, Kilmore, 769, p. 32, 770, p. 410; near Landsborough, 771, p. 91; St. Arnaud, 769, p. 31, 770, p. 410, 843, p. 45.

**Sperrylite** (?). Thomson River (Walhalla) Copper Mine, 43, pp. 8-10.

**Sphalerite.** Cassilis, 857.

**Sphene.** [See Titanite.]



- Spinel Ruby.** Mount Franklin, 781, p. 81; Ovens, 780, p. 305, 781, p. 81.  
[*The identification is doubted, 857.*]
- Stibianite.** [*Alteration product of Stibnite.*] 332.
- Stibnite.** Costerfield, 719, p. 76, 770, pp. 417-419, 844, p. 7; Wood's Point, 843, p. 60.
- Stilbite.** Ceres, Barrabool Hill, near Geelong, 612; Castlemaine, 364, p. 56; Phillip Island [*Heulandite.*] 688, p. 69; San Remo, 857; Western Port, 857.
- Struvite.** Skipton Caves, near Ballarat, 514, p. 215, 517, p. 181, 610, p. 183, 688, p. 70, 690, pp. 10-11, 693, pp. 425-426, 708, p. 221, 844, pp. 12-14.
- Sulphur.** Castlemaine, 771, p. 105; Costerfield, 771, p. 105; Maldon, 771, p. 105, 843, p. 60; St. Arnaud, 771, p. 105; Wood's Point, 771, p. 105.
- "Talcosite."** Heathcote, 745, p. 339, 844, pp. 24-25.
- Tellurium.** Ballarat, 516.
- Tennantite.** Empress Lode, Snowy Creek ["Merry" is a misprint], 857.
- Tetradymite.** Maldon, 857.
- Tetrahedrite.** Steiglitz, 844, p. 4.
- Thomsonite.** Frankston, 609, p. 167.
- Titanite.** Tarago River, South Gippsland, 857.
- Topaz.** Beechworth, 65, p. 70, 67, p. 8, 688, p. 73, 843, p. 66; Woolshed Creek, near Beechworth, 71, p. 74; Woolshed Valley, Beechworth, 268A, p. 13; Dunolly, 64, p. 182, 71, p. 74; French Island, 843, p. 66; Ovens, 71, p. 74, 780, p. 305; Maldon (Tarrangower), 71, p. 74, 844, p. 15; Mansfield, 71, p. 74; Mount Blackwood, 71, p. 74; Mount Greenock, near Talbot, Co. Talbot, 65, p. 71; Pakenham, 12; Pleasant Creek, near Stawell, 769, p. 36; near Talbot, Co. Talbot, 65, pp. 70, 71, 67, p. 8, 844, p. 15.
- Tourmaline.** Back Creek, Baynton, 719, p. 80; Beechworth, 418, p. 220, 843, p. 66; Benalla, 67, p. 10, 68; Baynton's Station, Campaspe River, 770, p. 41, 843, p. 66; Dandenong, 843, p. 66; Omeo, 395, pp. 103-104, 107-108, 770, p. 40; Ovens, 65, p. 73, 780, p. 305; Mount Singapore, Wilson's Promontory, Co. Buln-Buln, 601, p. 137; Tarrangower, 68; Wilson's Promontory, 770, p. 40, 843, p. 66; Yarra River, 843, p. 66.  
[*See also Rubellite.*]
- Tripolite** [*See Diatomite.*]
- Tungstite.** Maldon, 612.
- Turquoise.** Benalla, 267, 857; Edi, 267, 388, 763, p. 53, 854A, p. 117.
- Valentinite.** Costerfield, 843, p. 59; Ringwood, 609, p. 169, 690, p. 8.
- Vivianite.** Near Bairnsdale, 719, p. 73; Ballarat, 719, p. 73; Buckland River, 844, p. 11; Dunolly, 843A, p. 347; Phillip Island, 719, p. 73, 770, p. 431; near Port Albert, Gippsland, 719, p. 73; Nicholson River, near Sarsfield, Gippsland, 844, p. 11; Smythesdale, 770, p. 431; Wannon Falls, near Redruth, 348.
- Wavellite.** Near Mansfield, Co. Delatite, 389; Lancefield, 844, p. 12.
- Wolframite.** Buckwong River, Co. Benambra, 264, 857; Maldon, 719, Marysville, Co. Anglesey, 268B, pp. 259-260, p. 72, 844, p. 10; Genoa [*not Jenolan*] River, Mallacoota, 857; Mount Buffalo, 857.
- Wolfsbergite.** Costerfield, 843, p. 48.

**Youngite.** Ballarat, 366.

*Yttria, Phosphate of* (?). Bonang, Gippsland, 609, p. 168.

**Zeolites.** Merri Creek, Northcote, near Melbourne, 612, pp. 144-145, 800, pp. 78-79.

[See also **Chabazite, Gmelinite, Herschellite, Heulandite, Laumontite, Mesolite, Natrolite, Phacolite, Phillipsite, Scolecite, Seebachite, Stilbite, Thomsonite.**]

**Zinc.** Banganie, Co. Grant, 372, p. 36; Brunswick, 637; Collingwood, 843, p. 46; Creswick, 771, p. 97, 842, p. 28, 843, p. 46; Daylesford, 771, p. 97, 843, p. 46; "near Melbourne," 51, 52, 306, p. 133; Mitta Mitta River, 53, 843, p. 46.

**Zircon.** Ballarat, 65, p. 71; Beechworth, 843, p. 67; Blue Mountain Goldfield, Co. Dalhousie, 843, p. 67; Crooked River, 65, p. 71, 67, p. 8; Daylesford, 67, p. 8, 843, p. 67; Loddon River, 842, p. 27; Ovens, 780, p. 305; Walhalla, 183, p. 53.

#### LOCALITY INDEX.

ALABAMA COMPANY, Bendigo. Quartz.

ALBION COMPANY'S REEF, Steiglitz. Pholerite.

ALEXANDRA, Co. Anglesey. Halloysite.

ANAKIES, Co. Grant. Hornblende, Oligoclase, Olivine, Plagioclase.

ANDERSON'S CREEK, Co. Evelyn. Bournonite.

AVOCA, Co. Gladstone. Lead.

BACCHUS MARSH, Co. Bourke. Diatomite, Epsomite.

BACK CREEK, Baynton, Co. Dalhousie. Tourmaline.

BAIRNSDALE, near. Vivianite.

BALLARAT. Aragonite, Bismuth, Copper, Diatomite, Dittmarite, Gold, Gold Amalgam, Hannayite, Hematite, Lead, Newberyite, Sapphire, Schertalite, Struvite, Tellurium, Vivianite, Zircon.

BANGANIE, near Meredith, Co. Grant. Zinc.

BARFOLD FALLS, Campaspe River. Ferro-calcite, Hematite.

BARINHUP, Gisborne. Hyalite.

BARRABOOL HILL, near Geelong. Stilbite.

BATESFORD, near Geelong. Hematite.

BATMAN'S SWAMP, West Melbourne [West Melbourne Swamp]. Gypsum.

BAYNTON, Co. Dalhousie. Tourmaline.

BAYNTON'S STATION, near Magnet Hill, Campaspe River. Almandite, Iron, Quartz, Tourmaline.

BEECHWORTH. 268A, pp. 7-16; Adularia, Amethyst, Barklyite, Bismuth, Cairngorm, Cassiterite, Chalcedony, Diamond, Enhydros, Fibrolite, Fluorite, Garnet, Hyalite, Molybdenite, Opal, Orthoclase, Pyrophyllite, Quartz, Ruby, Rutile, Sapphire, Scheelite, Scolecite, Topaz, Tourmaline, Zircon.

BENALLA. Scorodite, Tourmaline, Turquoise.

BENDIGO. Albite, Ankerite, Aragonite, Breunerite, Gold, Quartz, Siderite, Silver.

BENDIGO, Co. Cinnabar.

BERLIN DIGGINGS, near Kingower. Gold.

BERWICK, Co. Mornington. Almandite.

BETHANGA, Co. Benambra. Copper, Monazite, Oligoclase, Scorodite.

BLACK HILL, near Kyneton. Oligoclase.



- BLACKSMITH'S GULLY REEF, Fryerstown, Co. Talbot. Albite, Pholerite, Quartz.
- BLUE MOUNTAIN, Trentham, Co. Dalhousie. Rutile, Sapphire, Zircon.
- BONANG DISTRICT, Gippsland. Monazite, *Yttrium Phosphate* (?)
- BRADFORD LEAD, Maldon. Amethyst, Garnet, Orthoclase.
- BRIGHT and Wood's Point, between. Schrötterite.
- BRUNSWICK, near Melbourne. Copper, Zinc.
- BRUTHEN CREEK, Gippsland. Phosphorite.
- BUCHAN, Co. Tambo. Barite, Bindheimite, Mangano-calcite (?)
- BUCKLAND, Co. Delatite. Fuchsinite (?)
- BUCKLAND RIVER, Co. Delatite. Vivianite.
- BUCKWONG RIVER, Co. Benambra. Wolframite.
- BULLUMWAAL, near Baimsdale. Aragonite.
- BUNKER'S HILL, Ballarat. Diatomite.
- CAMPASPE RIVER. Almandite, Felspar, Hematite, Iron, Mirabilite, Quartz, Tourmaline.
- CAMPBELL'S REEF, Moyston, Co. Borung. Calcite.
- CAMPERDOWN DISTRICT, Co. Hampden. 345, pp. 23-24; Anorthoclase, Augite, Olivine, Pyroxene.
- CANNI CREEK, Buchan, Co. Tambo. Barite.
- CAPE OTWAY. Epsomite.
- CARAPOOK, Co. Dundas. Sanidine.
- CARDIGAN, Co. Grenville. Diatomite.
- CASSILIS, Co. Dargo. Sphalerite.
- CASTERTON. Pyromorphite.
- CASTLEMAINE. 364; Apophyllite, Arsenic, Arsenopyrite, Cerussite, Diatomite, Gold, Oligoclase, Stilbite, Sulphur.
- CERES, Barrabool Hill, near Geelong. Stilbite.
- CHEWTON, near, Co. Talbot. Silver.
- CHILTERN. Garnet, Scheelite.
- CHILTERN VALLEY MINE. Gold, Ruby.
- CHINAMAN'S FLAT, near Maryborough, Co. Talbot. Gold-lead Alloy.
- CLOMBINANE, near Wandong, Co. Dalhousie. Gold.
- CLUNES. Calcite, Chabazite, Copper, Epsomite, Mesolite, Pharmacosiderite.
- COLLINGWOOD FLAT. Diamond, Zinc.
- COMAIDAL, near Mount Blackwood, Co. Bourke. Corundum, Ruby, Sapphire.
- CONGBOOL, Black Range, Co. Lowan. Diamond.
- COSTERFIELD, Co. Dalhousie. Cervantite, Stibnite, Sulphur, Valentinite, Wolfsbergite.
- CRAIGIEBURN, Co. Bourke. Diatomite.
- CRESWICK, near Melbourne. Zinc.
- CROOKED RIVER, Co. Dargo. Zircon.
- CUDGEWA, Co. Benambra. Cassiterite.
- DANDENONG. Biotite, Corundum, Hyalite, Ilmenite, Ruby, Sapphire, Tourmaline.
- DARK RIVER, near Mitta Mitta. Monazite.
- DAYLESFORD. Diatomite, Ruby, Sapphire, Zinc, Zircon.
- DEGRAVE'S MILL, Kyneton. Calcite, Chabazite, Phillipsite.
- DEMOCRAT MINE, Mount Wills, Co. Bogong. Pyrrargyrite.
- DOLODROOK, Gippsland. Corundum.
- DONNELLY'S CREEK, Gippsland. Sapphire.
- DOOKIE, Co. Moira. Prehnite.

- DRY CREEK, Strathbogie Ranges, Co. Delatite. Scorodite.  
 DUNOLLY. Gold, Quartz, Scorodite, Topaz, Vivianite.  
 EAGLEHAWK, Maldon. Apatite.  
 EDI [Hedi], Co. Delatite. Turquoise.  
 EGERTON, Co. Grant. Copper.  
 ELDORADO, Beechworth. Cassiterite.  
 EMPRESS LODE, Snowy Creek, Co. Bogong. Tennantite.  
 ENSAY, Co. Tambo. Microcline-perthite, Pinite.  
 EUROA. Berthierite, Molybdenite.  
 EXCELSIOR Tin-mining Co., Koetong, Co. Benambra. Monazite.  
 FAIRFIELD, near Melbourne. Diatomite.  
 FLINDERS. Analcite, Aragonite, Chabazite, Gmelinite, Natrolite, Phillipsite.  
 FOREST CREEK, near Chewton, Co. Talbot. Silver.  
 FOREST REEF, near (? Castlemaine District). Copper, Gold.  
 FOOTSCRAY, near Melbourne. Copper.  
 FRANKSTON. Ammonium Chloride, Chabazite, Heulandite, Thomsonite.  
 FRENCH ISLAND, Co. Mornington. Topaz.  
 FRYERSTOWN. Albite, Pholerite, Quartz.  
 GEELONG. Copiapite, Epsomite, Hematite, Oligoclase, Stilbite.  
 GELANTIPY, Gippsland. Opal.  
 GENOA RIVER, Mallacoota. Wolframite.  
 GIPPSLAND. 153; Fassaita, Fibrolite, Gold Nugget, Monazite, Opal, Orthoclase,  
 Phosphonite, Pyrolusite, Sapphire, Titanite, Tourmaline, Vivianite,  
*Yttria Phosphate* (?)  
 GISBORNE, Co. Bourke. Hyalite.  
 GLENGOWER, Co. Talbot. Diatomite.  
 GLEN WILLS, Co. Bogong. Cerargyrite, Kermesite.  
 GREAT SOUTHERN MINE, Rutherglen, Co. Bogong. Diamond.  
 GUILDFORD, Co. Talbot. Labradorite.  
 GURRUM, near Euroa. Molybdenite.  
 HARCOURT, near Castlemaine. Oligoclase.  
 HARD HILLS, Loddon River. Magnesite.  
 HEATHCOTE. Corundum, "Selwynite," "Talcosite."  
 HEDI [Edi], Co. Delatite. Turquoise.  
 HOMEWARD BOUND REEF, Caledonia Gold Field. Lead.  
 HOWQUA RIVER DISTRICT, Co. Wonnangatta. Chrysotile, Dolomite, Serpen-  
 tine.  
 HUSTLER'S REEF, Bendigo. Aragonite.  
 INDIGO, Co. Bogong. Garnet.  
 INGLEWOOD, Co. Gladstone. Quartz.  
 JAMIESON RIVER, Co. Wonnangatta. Cinnabar, Mercury.  
 JIM CROW DIGGINGS, Daylesford. Ruby.  
 JUMBUNNA, Co. Buln-Buln. Felspar.  
 KANGAROO FLAT, Talbot. Orthoclase.  
 KILMORE, Co. Dalhousie. Silver.  
 KINGOWER, Co. Gladstone. Bismuth, Gold.  
 KOETONG, Co. Benambra. Cassiterite, Monazite.  
 KYNETON, Co. Dalhousie. Calcite, Chabazite, Hyalite, Oligoclase, Phillip-  
 site.  
 LAKE PURRUMBETE [Buffumbete], Co. Ripon. Oligoclase.  
 LAL LAL, Co. Grant. Middletonite (?), Mirabilite, Retinite.  
 LANCEFIELD, Co. Bourke. Molybdenite, Wavellite.  
 LANDSBOROUGH, near, Co. Kara-Kara. Silver.



- LANGLEY, Parish, Co. Dalhousie. Quartz.  
 LATROBE RIVER. Molybdenite.  
 LAURISTON, Co. Dalhousie. Gypsum.  
 LENNOX'S REEF, Mount Tarrangower, Co. Talbot. Heulandite.  
 LILICUR, Co. Talbot. Diatomite.  
 LILYDALE, Co. Evelyn. Chabazite.  
 LINTON, Co. Grenville. Bismuth, Lead (?)  
 LISLE'S REEF, Mount Tarrangower, Co. Talbot. Heulandite.  
 LIVINGSTONE GULLY (? near Turton's Creek, Co. Buln-Buln). Iridosmine.  
 LODDON. Labradorite.  
 LODDON RIVER. Magnesite, Zircon.  
 LODDON VALLEY. Diatomite.  
 MAGNET HILL, Campaspe River. Almandite, Iron.  
 MALDON, Co. Talbot. Amethyst, Apatite, Barite, Damourite (?), Dolomite,  
 Epsomite, Felspar, Garnet, Gold, Heulandite, Maldonite, Molybdenite,  
 Nontronite, Orthoclase, Pharmacosiderite, Rutile, Scheelite, Scorodite,  
 Sulphur, Tetradyomite, Topaz, Tungstite, Wolframite.  
 MALLACOOTA, Co. Croajingalong. Wolframite.  
 MALLACOOTA PROPRIETARY MINE, Mallacoota Inlet, Co. Croajingalong.  
 Limonite.  
 MALMSBURY, Co. Dalhousie. Copper, Hematite, Hyalite, Labradorite.  
 MANSFIELD, Co. Delatite. Axinite, Topaz, Wavellite.  
 MAROCCO VALLEY, Gippsland. Fassaite.  
 MARTHA VALE, near Mount Baldhead, Co. Dargo. Galena.  
 MARYBOROUGH, Co. Talbot. Gold-lead Alloy, Gold Nuggets.  
 MARYSVILLE, Co. Anglesey. Wolframite.  
 McIVOR, Co. Dalhousie. Bournonite, Cervantite, Cupro-plumbite, Gold.  
 MEAD'S CLAIM, Strathbogie Ranges. Scorodite.  
 MEKEEYA, Parish, Co. Ripon. Felspar.  
 MELBOURNE. Gypsum.  
 MERRI CREEK, near Melbourne. Aragonite, Diatomite, Ferro-calcite, Zeolites.  
 MICKLEHAM, Craigieburn, Co. Bourke. Diatomite.  
 MITCHELL'S DIGGINGS, Campaspe River. Mirabilite.  
 MITCHELL RIVER. Magnetite.  
 MITTA MITTA, Co. Bogong. Monazite.  
 MITTA MITTA RIVER. Zinc.  
 MOE, Co. Buln-Buln. Pyrrhotite.  
 MOE SWAMP, Westbury, Co. Buln-Buln. Calcite.  
 MONTE CHRISTO MINE, Bullumwaal, Co. Dargo. Cerargyrite.  
 MOONEE PONDS CREEK, Co. Bourke. Dolomite.  
 MOORABOOL, Co. Grant. "Mooraboolite" (Natrolite).  
 MORNINGTON, Co. Mornington. Sapphire.  
 MORSE'S CREEK, Ovens River, near Buckland. Fuchsite (?).  
 MOUNT ALEXANDER, Co. Talbot. Gold.  
 MOUNT BALDHEAD, Co. Dargo. Galena.  
 MOUNT BLACKWOOD, Co. Bourke. Corundum, Ruby, Sapphire, Topaz.  
 MOUNT BUFFALO, Co. Delatite. Wolframite.  
 MOUNT CUDGEWA, Co. Benambra. Scheelite.  
 MOUNT ELEPHANT DISTRICT, Co. Hampden, 345,  
 MOUNT ELIZA, Co. Mornington. Ruby.  
 MOUNT FRANKLIN, Co. Talbot. Oligoclase, Plagioclase, Spinel Ruby.  
 MOUNT GREENOCK, near Talbot, Co. Talbot. Lead, Topaz.  
 MOUNT GREENOCK LEAD, Co. Talbot. Brookite.

- MOUNT HEPBURN, near Smeaton, Co. Talbot. Augite.  
 MOUNT LEURA, Co. Hampden. Rubellan.  
 MOUNT MACEDON, Co. Bourke. Felspar.  
 MOUNT MOLIAGUL, Co. Gladstone. Molybdenite.  
 MOUNT MOOROKYLE, Co. Talbot. Augite.  
 MOUNT NOORAT, Co. Hampden. Anorthoclase.  
 MOUNT SINGAPORE, Wilson's Promontory, Co. Buln-Buln. Tourmaline.  
 MOUNT TARRANGOWER, Co. Talbot. Heulandite.  
 MOUNT TAYLOR, Co. Dargo. Almandite. Bismuth, Orthoclase.  
 MOUNT TAYLOR CREEK, Co. Dargo. Cassiterite.  
 MOUNT TERANG, Co. Hampden. Augite, Olivine, Pyroxene.  
 MOUNT TIMBERTOP, Howqua River District, Co. Wonnangatta. Chrysotile,  
 Dolomite, Serpentine.  
 MOUNT WALLACE, Steiglitz, Co. Grant. Augite.  
 MOUNT WILLIAM GOLD FIELD, Co. Ripon. Felspar.  
 MOUNT WILLS, Co. Bogong. Boumonite, Pyrangyrite.  
 MOYARRA, near Jumbunna, Co. Buln-Buln. Felspar.  
 MOYSTON, Co. Borung. Calcite.  
 MUCKLEFORD CREEK, near Newstead, Co. Talbot. Aragonite, Calcite.  
 MURRAY BASIN. Gypsum.  
 MURINDAL LEAD MINE, near Buchan, Co. Tambo. Bindheimite.  
 NEW BENDIGO. Gold.  
 NEWSTEAD, Co. Talbot. Aragonite, Calcite.  
 NICHOLSON'S REEF, Castlemaine. Cerussite.  
 NICHOLSON'S RIVER, near Sarsfield, Co. Dargo. Vivianite.  
 NORTHCOTE, near Melbourne. Diatomite, Zeolites.  
 NOYANG, Co. Tambo. Chloritoid (?), Haughtonite (?).  
 OMEO, Co. Benambra. 392, 395; Ægirite, Albite, Amphibole, Anorthite,  
 Bismuth, Labradorite, Microcline, Micro-perthite, Muscovite, Nep-  
 heline, Oligoclase, Orthoclase, Tourmaline.  
 OVENS DISTRICT. Almandite, Amethyst, Barklyite, Carnelian, Diamond,  
 Felspar, Fuchsite (?), Sapphire, Spinel Ruby, Topaz, Tourmaline,  
 Zircon.  
 PAKENHAM, Co. Mornington. Anatase, Corundum, Ruby, Topaz.  
 PARK COMPANY, Ballarat West. Lead.  
 PENTLAND HILLS, near Bacchus Marsh. Chabazite.  
 PHILIP ISLAND, Co. Mornington. Analcite, Ankerite, Apatite, Aragonite,  
 Barite, Calcite, Gmelinite, Heulandite [Stilbite], Natrolite, Plagio-  
 clase, Vivianite.  
 PILOT CREEK (? near Forest Hill, Co. Tambo). Beryl.  
 PINCH SWAMP CREEK, Bonang District, Co. Croajingalong. Monazite.  
 PLEASANT CREEK, near Stawell, Co. Borung. Allophane, Chrome Ochre,  
 Topaz.  
 POINT ADDIS, Geelong. Copiapite.  
 PORT ALBERT, near, Co. Buln-Buln. Vivianite.  
 PORTLAND DISTRICT, Co. Normanby. Diatomite.  
 POVERTY REEF, Dunolly Division. Gold.  
 PRESTON VALE, (? near Coliban River, Cos. Talbot and Dalhousie).  
 Scolecite.  
 QUEENSTOWN, Co. Evelyn. Gold Nugget.  
 REDAN, Ballarat. Hematite.  
 REDRUTH, near, Co. Dundas. Vivianite.  
 REEDY CREEK, Goulburn River. Gold, Gold-silver Alloy.



- REID'S CREEK, near Beechworth, Co. Bogong. Adularia.  
 RICHMOND, near Melbourne. Analcite, Aragonite, Barite, Calcite, Chabazite,  
 Copper, Mesolite, Phillipsite.  
 RINGWOOD, Co. Evelyn. Cervantite, Lead, Valentinite.  
 RODNEY GOLD MINING COMPANY, near Ballarat. Copper.  
 RUTHERGLÉN, Co. Bogong. Diamond.  
 SAMARIA, Mansfield District, Co. Delatite. Axinite.  
 SANDHURST [= BENDIGO, *q.v.*].  
 SANDY CREEK, Tarrangower, Co. Talbot. Hematite.  
 SAN REMO, Co. Mornington. Laumontite, Stilbite.  
 SANSFIELD, near, Co. Dargo. Vivianite.  
 SEYMOUR, near. Apatite.  
 SILVER CREEK, Jamieson River, Co. Wonnangatta. Cinnabar, Mercury.  
 SKIPTON CAVES, Ballarat. Dittmarite, Hannayite, Newberyite, Schertelite,  
 Struvite.  
 SMEATON, near, Co. Talbot. Augite.  
 SMYTHESDALE, Co. Grenville. Vivianite.  
 SNOWY CREEK, Co. Bogong. Tennantite.  
 SPECIMEN HILL, Forest Reef (? Castlemaine District). Copper.  
 STAWELL, near, Co. Borung. Allophane, Chrome Ochre, Topaz.  
 ST. ANDREW'S HOMEWARD BOUND REEF, Caledonia Gold Field. Lead.  
 ST. ARNAUD, Co. Kapa-Kapa. Cerargyrite, Cerussite, Copper, Embolite,  
 Gold-silver Alloy, Mimetite, Pharmacosiderite, Silver, Sulphur.  
 STEIGLITZ, Co. Grant. Augite, Bournonite, Brookite, Pholerite, Sapphire,  
 Tetrahedrite.  
 STOCKYARD CREEK, near Foster, Co. Buln-Buln. Iridosmine.  
 STRATHBOGIE RANGES. Scorodite.  
 SUNBURY, Co. Burke. Opal.  
 SUNNYSIDE, near Glen Wills, Co. Bogong. Kermesite.  
 SWAN HILL, Lower Murray, Co. Tatchera. Diatomite.  
 SWIFT'S CREEK, Omeo, Co. Benambra. 392; Amphibole, Anorthite, Labra-  
 dorite, Microcline, Oligoclase, Orthoclase.  
 TABLE HILL, near Guildford, Co. Talbot. Labradorite.  
 TALBOT, Loddon Valley, Co. Talbot. Brookite, Diatomite, Epidote, Lead,  
 Orthoclase, Topaz.  
 TALLANGALOOK, Co. Delatite. Orthoclase.  
 TAMBO RIVER, Noyang, Cos. Tambo and Dargo. Chloritoid (?), Haugh-  
 tonite (?).  
 TARAGO RIVER, S. Gippsland. Titanite.  
 TARILTA, Co. Talbot. Albite, Epidote, Mountain Leather.  
 TARNAGULLA, Co. Gladstone. Gold Nuggets.  
 TARRANGOWER [Tarrangower], Co. Talbot. Bismuth, Bismutite, Cairngorm,  
 Hematite, Heulandite, Jamesonite, Molybdenite, Oligoclase, Quartz,  
 Rubellite, Scorodite, Topaz, Tourmaline.  
 THOMSON RIVER, Co. Tanjil. Copper, Platinum, Sperryllite (?)  
 THOONA, Co. Delatite. Chiestolite.  
 TIVERTON REEF, Maldon, Co. Talbot. Heulandite.  
 TIMBILICA VALLEY, East Gippsland. Orthoclase.  
 TRARALGON CREEK, Co. Buln-Buln. Ruby.  
 TRENTHAM, Co. Dalhousie. Rutile, Sapphire, Zircon.  
 TUBBA RUBBA CREEK, Mornington. Sapphire.  
 TURTON'S CREEK, Co. Buln-Buln. Iridosmine, Platinum.  
 UNITED BROTHERS' MINE, Glen Wills, Co. Bogong. Cerargyrite, Kermesite.

- UPPER YARRA GOLDFIELD (? Co. Evelyn). Rutile.  
 WAHGUNYAH, Indigo, Co. Bogong. Garnet.  
 WALHALLA COPPER MINE, Thomson River, Co. Tanjil. Platinum, Sperry-  
 lite (?).  
 WALHALLA, Co. Tanjil. Zircon.  
 WANNON FALLS, near Redruth, Co. Dundas. Vivianite.  
 WARATAH BAY, Co. Buln-Buln. Iridosmine.  
 WARRANDYTE, Co. Evelyn. Lead.  
 WARRENHEIP STATION, near Ballarat. Aragonite.  
 WATTLE GULLY REEF, Tarrangower, Co. Talbot. Molybdenite.  
 WATT'S CREEK, Ensay, Co. Tambo. Microcline-perthite.  
 WELLINGTON RIVER, Gippsland. Corundum.  
 WESTERN PORT, Co. Mornington. Apatite, Stilbite.  
 WESTBURY, Co. Buln-Buln. Calcite.  
 WHITFIELD DISTRICT, Co. Delatite. Dufrenite.  
 WILLIAM WALLACE CREEK, near Pakenham, Co. Mornington. Corundum,  
 Ruby, Sapphire.  
 WILSON'S PROMONTORY, Co. Buln-Buln. Tourmaline.  
 WILSON'S REEF, St. Arnaud, Co. Kara-Kara. Cerussite.  
 WOOD'S POINT, Co. Wonnangatta. Breunerite, Electrum, Halloysite,  
 Schrötterite, Stibnite, Sulphur.  
 WOOLSHED CREEK, near Beechworth. Topaz.  
 WOOLSHED VALLEY, Beechworth. 268A, pp. 7-16: Agate, Anatase, Cassiterite,  
 Cinnamon Stone, Corundum, Felspar, Garnet, Gold, Jasper, Orthoclossa,  
 Sapphire, Topaz.  
 YACKANDANDAH, near Beechworth, Co. Bogong. Molybdenite, Scolceite.  
 YARRA DISTRICT, South. Diatomite.  
 YARRA GOLD FIELDS (? Co. Evelyn). Iridosmine.  
 YARRA BASIN. Bismuth.  
 YARRA RANGES. Sapphire.  
 YARRA RIVER. Sapphire, Tourmaline.  
 YARRAVILLE, Co. Moira. Dawsonite (?).  
 YEA, Goulburn River, Co. Anglesey. Molybdenite, Molybdic Ochre



## QUEENSLAND.

## GENERAL WORKS AND PAPERS.

- BERGE (J. S.), BROWNLESS (J. H.), and RINGROSE (R. C.). List of Minerals, Walsh and Tinaroo Mining District, North Queensland. *Procs. Roy. Soc. Q'land*, xv, 1899 (1900), pp. 47-69.
- CLARKE (A. W.). Catalogue of the Minerals Exhibited in the Queensland Court. *Col. and Ind. Exhibition*, 1886, pp. xi, + 152.
- DIXON (R.). Index to Names of Places, Mines, Reefs, &c. Geol. Surv. Repts. Q'land (Nos. 1-134). *Geol. Surv. Q'land, Publication No. 135*, 1901.
- Index No. 2 (Repts. 136-177). *Ibid.*, No. 178, 1902.
- Index No. 3 (Publ. 179-196). *Ibid.*, No. 197, 1905.
- Index No. 4 (Publ. 198-213). *Ibid.*, No. 214, 1908.
- Index No. 5 (Publ. 215-226). *Ibid.*, No. 227, 1914.
- DUNSTAN (B.). Queensland Mineral Index and Guide. *Geol. Surv. Q'land, Publication No. 241*, 1913.
- JACK (R. L.), and ETHERIDGE (R., junr.). The Geology and Palæontology of Queensland and New Guinea. (Brisbane and London, 1892.)
- JACK (R. L.). Catalogue of the Exhibits in the Queensland Mining Court, Queensland Internat. Exhibition, 1897. *Geol. Surv. Q'land, Publication No. 125 (Bull. No. 6)*, 1897.
- LINDON (E. B.). A Catalogue of such Minerals as are at present known to occur in Queensland. *Procs. Roy. Soc. Q'land*, iv, 1887, pp. 32-78.
- MINERAL CENSUS OF AUSTRALASIA. *Rept. Austr. Assoc. Adv. Sci.*, II, 1890 (Q'land, pp. 233-263).

## SUBJECT INDEX.

- Actinolite.** Bamford, near Petford, Walsh and Tinaroo, **42D**, p. 27; Mungai Station, near Mount Perry, Co. Burnett, **673**, p. 10.
- Agate.** Little River, Croydon, **277**, pp. 175-176, **282**, p. 24.
- Almandite.** Cloncurry, **412**, p. 16, **477**, p. 66; Jordan Creek, **31**, p. 6.
- Altaite.** No. 2 Great Eastern Mine, Gympie, **282**, p. 25.
- Alum.** Mount Flinders, **437**, pp. 82, 103.
- Aluminium phosphate.* Brisbane, **784**.
- Amphibole.** [See **Asbestos**, **Glaucophane**, **Tremolite**.]
- Amethyst.** Mount Borunda, Walsh and Tinaroo, **56**, p. 60; Coolgarra, Herberton District, Walsh and Tinaroo, **56**, p. 60; Stanthorpe, **749**, p. 86.
- Analcite.** Beaudesert, Fassifern, **437**, p. 101.
- Andradite.** Chillagoe, **56**, p. 66, **271**, p. 14, **282**, pp. 6-7.
- Anglesite.** Mont Albion, Walsh and Tinaroo, **14**, p. 277, **56**, p. 53, **409**, p. 126, **748**, p. 33; Silver King and East Star, Burketown Goldfield, **42**, p. 27; Star River, **477**, p. 72; Tinaroo, **477**, p. 72; near Townsville, **477**, p. 72.
- Ankerite.** Kilkivan, **35**, p. 14; Moonmera, **280**, p. 27.
- Antimony.** "North Queensland," **515**; Queensland (? Charters Towers), **691**, p. 9.

- Apophyllite.** Evelyn Run, Walsh and Tinaroo, 56, p. 61; Jump Up, Herberton Road, Walsh and Tinaroo, 56, p. 61.
- Arsenic.** Dargalong, Walsh and Tinaroo, 56, p. 50; Two-mile Gold Mine, Gympie, 684, p. 4.
- Arsenolite.** Watsonville, &c., Walsh and Tinaroo, 56, p. 57.
- Asbestos.** Charters Towers, 158, p. 118; Rockhampton, 278, p. 62, 362.
- Asbolite.** Black Snake, Kilkivan, 414, pp. 16-19.
- Atacamite.** Chillagoe, 56, p. 51, 406, p. 7; Cloncurry, 12, 38, p. 363, 477, p. 55, 870; Moonmera, 280; Mount Elliott, Cloncurry, 38, p. 6; Mount Perry, Co. Burnett, 477, p. 55; Muldiva, Walsh and Tinaroo, 56, p. 51.
- Augite.** Little Liverpool Range, Fassifern, 437, p. 100.
- Azurite.** Girofla Mine, Chillagoe, 14, p. 279; Cloncurry, 870; Herberton, 348, 694, p. 291; Mount Garnet, Tinaroo, 553, p. 252; Muldiva, Walsh and Tinaroo, 14, p. 278, 748, p. 36; Peak Downs, 477, p. 77; Kennedy Copper Mines, Sandy Creek, Great Star River, 477, p. 77.
- "Bario-celestite."** Eight-mile Plain, 810.
- Barite.** Mount Chalmers, Rockhampton District, 284, pp. 6, 12.
- Barklyite.** Stanthorpe, 273, p. 19, 708C, p. 133.
- Barysilite (?)**. Calcifer, Walsh and Tinaroo, 56, p. 53, 748, p. 55.
- Beryl.** Mount Carbine, Herberton Gold Field, 42E, p. 32; Stanthorpe, 749, p. 85.
- Bismite.** Bamford, near Petford, Walsh and Tinaroo, 42D, p. 28.
- Bismuth.** Bamford, near Petford, Walsh and Tinaroo, 42D, pp. 27-28, 281, p. 151; Cloncurry, 477, p. 44; Degilbo, 703; Herberton, 477, p. 44; Kangaroo Hills, Halifax Bay, 495; Lappa Lappa, Walsh and Tinaroo, 56, p. 50; near Mareeba, 231, p. 151; Maryborough, 494; Mount Biggenden, 34, 495, 673, p. 9, 860, pp. 1-4; Mount Shamrock, Chowey Creek, 477, p. 74, 680, pp. 6-7; Nanango Gold Field, 477, p. 74; Stanthorpe, 477, p. 44; Wolfram Camp, Hodgkinson Gold Field, Walsh and Tinaroo, 99, p. 6, 231, p. 151.
- Bismuth telluride.** Degilbo, 703.
- Bismuthinite.** Bamford, near Petford, Walsh and Tinaroo, 42D, p. 28; Mount Biggenden, 34, 495, 673, p. 9, 680, pp. 1-4; Mount Samford, Enoggera Ranges, near Brisbane, 273, p. 18; Mount Shamrock, Chowey Creek, 409, p. 102, 680, pp. 6-7.
- Bismutite.** Halifax Bay, 495; Mount Biggenden, 34, 495, 673, p. 9, 680, pp. 1-4; Mount Samford, Enoggera Ranges, near Brisbane, 273, p. 18; Mount Shamrock, Chowey Creek, 495.
- Bismuth Telluride.** Degilbo, 703.
- Blende.** [See Sphalerite.]
- Bournonite.** Mont Albion, Walsh and Tinaroo, 553, p. 236.
- Caoxenite.** Watt's Selection, Logan District, 477, p. 71.
- Calamine.** Beer and Dawson's, Yorkey Gold Field, 35, p. 14; Newellton, 56, p. 54; Mont Albion, Walsh and Tinaroo, 56, p. 54.
- Calaverite.** Mount Morgan, 721, p. 46.
- Calcite.** Golden Gate, Croydon, 282, p. 25; Victory Lease, Charters Towers, 553, p. 237.  
[See also Ferro-calcite.]



- Cassiterite.** Ballandean, 493, 708C; Carpenter's Gully, Ballandean, 708C, pp. 122, 124; Lion's Den, near Cooktown, 405, p. 6; Herberton District, 163, 290, p. 416 (containing Scandium), 291; Stanthorpe, 11, 401, 409, pp. 635-636, 477, p. 60, 672, 708C, 749, pp. 42-47; Walsh and Tinaroo, 56, pp. 54-55; Tinaroo, 477, p. 59; Wallangarra, 708C; "North Queensland," 168; Queensland generally, 477, pp. 58-60.
- Celestite, Bario-.** Eight-mile Plain, 810.
- Cerargyrite.** Croydon Gold Field, 553, pp. 246, 251; Lappa Lappa, Walsh and Tinaroo, 56, pp. 50-51; Mont Albion, Walsh and Tinaroo, 56, pp. 50-51, 236, 409, p. 125, 477, p. 55, 748, p. 31; Muldiva, Walsh and Tinaroo, 56, pp. 50-51; New Zealand Gully, near Rockhampton, 195, p. 298, 477, p. 40; Puzzler Reef, near Charters Towers, 553, p. 251.
- Cerussite.** Anglo-American, Burketown Field, 42, pp. 27-28; Bell's, Burketown Field, 42, pp. 27-28; Mount Garnet, near Herberton, 477, p. 75; Star River Silver Field, 477, p. 75.
- Chabazite.** Toowoomba, 477, p. 69.
- Chalcanthite.** Mount Morgan (London) Extended Mine, Crocodile Gold Field, Rockhampton District, 553, p. 244.
- Chrysolite.** Russell Gold Field, Walsh and Tinaroo, 56, p. 63.
- Chillagite.** (?) Bamford, near Petford, Walsh and Tinaroo, 42D, p. 29; Christmas Gift Mine, Chillagoe, 752A, 840G.
- Cinnabar.** Little River, Cook District, 41, pp. 23, 24, 25; Dargalong, Walsh and Tinaroo, 56, p. 52; Kilkivan, 41, pp. 31-32, 50A, p. 49, 167, p. 38, 313, 379, vol. I, p. 691, 477, p. 50, 674, p. 8, 675, p. 69, 681.
- Cobaltiferous Wad.** Black Snake, Kilkivan, 414, pp. 16-19.
- Coloradoite (?)**. Mount Morgan, 721, p. 46.
- Columbite (?)**. Johnstone River, Geraldton, 282, pp. 12, 13, 735, p. 443.
- Copper.** Mount Leyshon, Charters Towers, 158, p. 118; Cloncurry, 477, p. 43; Dottswood Mine, Keelbottom Creek, Townsville District, 114; Argyle Mine, Herberton, 477, p. 43; Mount Perry, Co. Burnett, 477, p. 43; Peak Downs, 553, p. 242; Alliance Mine, Morinish, Rockhampton, 477, p. 43; Keelbottom Mine, near Townsville, 477, p. 43; Walsh and Tinaroo, 56, p. 50.
- Corundum.** Jordan Creek Gold Field, 31, p. 6; Stanthorpe, 477, p. 57. [See also Barklyite, Emery, Ruby, Sapphire.]
- Cuprite.** Chillagoe, 56, p. 51; Cloncurry, 477, p. 56; Muldiva, Walsh and Tinaroo, 56, p. 51.
- Cyanosite.** [See Chalcanthite.]
- Diamond.** Anakie, 274, pp. 19-20, 275, p. 9, 465, p. 826; Stanthorpe, 477, p. 44, 708C, pp. 132-133, 749, p. 83.
- Diatomite.** Between Nerang and Beaudesert, Macpherson Range, 285, pp. 196-197; Pine Creek, Albert and Logan Gold Field, 117, pp. 132, 139, 677, p. 3.
- Dioptase.** Mount Elliott, Cloncurry, 38, p. 9; True Blue, Mount Flora Gold Field, 39, p. 16.
- Emery.** Southport, 477, p. 57.
- Epidote.** Bowen River, 195, pp. 314-315, 400, p. 6; Collaroy, 195, pp. 314-315, 269, p. 3.
- Epsomite.** Mended Hill, Burketown Field, 42, pp. 26, 30.
- Erythrite.** Mount Biggenden, 34, p. 2, 678, p. 9, 680, p. 2.



**Felspar.** Charters Towers, 157.

[See also **Labradorite, Orthoclase.**]

**Ferro-calcite.** Murray Creek, Collaroy, 269, p. 4.

**Fibrolite.** [See **Sillimanite.**]

**Fluorite.** Bamford, near Petford, Walsh and Tinaroo, 42D, p. 29.

**Galena.** Bamford, near Petford, Walsh and Tinaroo, 42D, p. 30.

**Garnet.** Chillagoe, 174, 273, pp. 21-22, 757, pp. 379, 413; Einasleigh Mine, Etheridge Gold Field, 42B, pp. 9, 11; Lowood, Ipswich District, 275, p. 12; Marodian, Maryborough District, 35, p. 14; Watsonville, Walsh and Tinaroo, 477, p. 66.

[See also **Almandite, Andradite, Pyrope.**]

*Garnet Rock.* Belgravia, Chillagoe, 273, pp. 21-22; Gladstone District, 273, p. 22; Rockhampton District, 273, p. 22; Clairview, St. Lawrence District, 273, p. 22.

**Gemstones.** Anakie, 274; Stanthorpe, 749, pp. 82-86; Walsh and Tinaroo, 56, pp. 66-67; *general*, 303, 415 (Opal), 708D.

[See also **Barklyite, Beryl, Diamond, Garnet, Opal, Ruby, Sapphire, Topaz, Zircon.**]

**Glaucophane.** Conandale Range, East Moreton District, 433; Leacey's Creek and Mount Mee, East Moreton District, 431, pp. 111-112.

**Gold.** Cape River Diggings, Co. South Kennedy, 195, pp. 296-297, 477, pp. 37-38, 485, p. 126; Cloncurry, 477, p. 40; Dee River, near Mount Morgan, 278, pp. 7-9; Armageddon Reef, Gilbert River, 496, p. 301; Mount Shamrock, near Rockhampton, 477, pp. 39-40; Mount Morgan, 209, 402, 403, 408, 411, 471, 477, pp. 40-43, 496, pp. 299-300, 719A, p. 30, 884; New Zealand Gully, near Rockhampton, 477, p. 40; Walsh and Tinaroo, 56, p. 49; *general*, 44, 45, 477, pp. 34-43.

*Nuggets.* Dee River, near Mount Morgan, 278, pp. 7-9; "Queensland," 504.

*Gold Amalgam* (?). Green Creek, Normanby Goldfield, 46 miles south of Bowen, North Queensland, 477, p. 43.

**Gold, Telluride of.** Lord Roberts Reef, Gilberton, Etheridge Field, 42C, p. 44; Mount Morgan, 701, p. 494, 702, p. 713, 727, p. 14; Mount Shamrock, 479.

**Gold and Bismuth, Telluride of.** Mount Shamrock, 33, p. 5, 703A.

**Gold and Silver, Telluride of.** No. 2 South Great Eastern, Gympie, 684, p. 3; New Zealand P.C. Mine, Gympie, 703A.

**Goslarite.** Mended Hill, Burketown Field, 42, pp. 26, 30.

**Graphite.** Cloncurry, 283, p. 11; Parish of Eton, Mackay District, 283, pp. 10-11; near Greenbank, Normanby (Reid's Creek) Gold Field, 14 miles west of Mt. Perry, Co. Burnett, 283, p. 12; Mount Bopple, Tiaro District, 144, p. 240, 281, p. 150, 283, pp. 5-10, 409, p. 306, 679, p. 4; Stanthorpe, 283, p. 11; *general*, 283.

**Greenockite** (?). Silver King, East Star, Silver Queen and Watson's, Burketown Field, 42, p. 26.

**Gypsum.** Bulimba, 477, p. 72; Victory Lease, Charters Towers, 553, p. 250; Chillagoe, 56, p. 65; Eukalunda, near Bowen, 282, p. 24; Mount Elliott, Cloncurry, 14, p. 276, 15, pp. 124-125; Silver Spur Mine, near Stanthorpe, 271, pp. 13, 14.



- Halite.** Sylvester Creek, Herbert River, 477, p. 55.
- Hematite.** Mount Morgan, 494; Red Hills, near Mungana, Walsh and Tinaroo, 56, p. 56.
- Hessite.** No. 2 South Great Eastern Mine, Gympie, 282, p. 25.
- Hyalite.** Cooran, near Noosa, Wide Bay District, 682, pp. 7-8; Stanthorpe, 477, p. 65.
- Ilmenite.** Cloncurry, 501.
- Ilsemannite.** Bamford, near Petford, Walsh and Tinaroo, 42D, p. 30.
- Ilvaite.** Endeavour River, near Cooktown, Co. Banks, 477, p. 66.
- Iridosmine (?)** Jordan Creek, 31, p. 6.
- Labradorite.** Mount Eurie, Cloncurry, 477, p. 67.
- Laumontite.** Strathmore Creek, Bowen River, 477, p. 68.
- Lead Tellurite.** Gilberton District, Etheridge Gold Field, 440.
- Leucite.** Normanby Reefs, Cooktown, 159, pp. 720, 733.
- Lievrite.** [See Ilvaite.]
- Limonite.** Mount Morgan, 348.
- Linarite.** Caledonia Mine, Tinaroo, 477, p. 73.
- Lionite (Lyonite)** [= Chillagite, *q.v.*]
- Lithia Mica.** Stanthorpe, 477, p. 60.
- Löllingite.** Ballandean, 678, p. 10.
- Magnesite.** Kilkivan, 35, p. 14; Islaport, Rockhampton, 477, p. 74; Toowoomba, 477, p. 74.
- Malachite.** Cloncurry, 477, p. 75, 870 (*pseudomorphous*); Peak Downs, 477, p. 75; Mount Garneu, Tinaroo, 553, p. 252.
- Massicot.** Watson's No. 2 East, Burketown Field, 42, p. 28.
- Melaconite.** Great Australian Copper Mine, Cloncurry, 553, p. 253.
- Meliphanite (?)** Little Liverpool Range, Fassifern, 437, p. 97.
- Mercury.** Kilkivan, 477, p. 44.
- Meymacite (?)** Bamford, near Petford, Walsh and Tinaroo, 42D, p. 31.
- Mica, Lithia.** Stanthorpe, 477, p. 60.
- Molybdenite.** Bamford, near Petford, Walsh and Tinaroo, 42D, pp. 31-32, 281, p. 151; Mount Ophir, Chowey Creek, 477, p. 46; Herberton, 477, p. 45; Near Kidston, Etheridge Gold Field, 531, p. 30; 30 miles west of Mackay, 477, p. 46; Maceeba, 99, pp. 12-13, 281, p. 151; Mount Shamrock, Chowey Creek, near Gayndah, 409, p. 102, 680, p. 6; Stanthorpe District, 708C, pp. 136-138; Wolfram Camp, Hodgkinson Gold Field, Walsh and Tinaroo, 99, 281, p. 151; *general*, 99.
- Molybdo-tungstate of Lime.** Bamford, near Petford, Walsh and Tinaroo, 42D, p. 32.
- Monazite.** Bamford, near Petford, Walsh and Tinaroo, 42D, pp. 32-33, 282, p. 14; California Creek, Mount Garnet, 14, p. 281; Coolgarra, 282, p. 14; Emuford, Walsh and Tinaroo, 282, p. 14; Currumbin-Coolangatta Beach, South of Brisbane, 36; near Cairns, 566C, p. 174, 589, pp. 282-283; Fossilbrook, Walsh and Tinaroo, 282, p. 14; Johnston River, near Geraldton, 282, pp. 11-13, 399A, pp. 233-236; Ord, Walsh and Tinaroo, 282, p. 14; Old Wolfram Camp, Hodgkinson Gold Field, Walsh and Tinaroo, 282, p. 14; "Queensland," 344, pp. 362, 364; *general*, 282.

- Natrolite.** Toowoomba, 477, p. 68; Wingananie, Jordan Creek, 31, pp. 4, 5.
- Olivine.** Near Herberton, 56, p. 63; Toowoomba, 100, pp. 187-188, 101.  
[See also **Chrysolite.**]
- Opal.** Bulla Creek (Bulloo River), 166, p. 37, 477, p. 65, 704; Barcoo River, 348, 477, p. 65; Listowell Downs, 781, p. 82; Mount Morgan, 884; Springsure, 781, p. 82; Walsh and Tinaroo District, 56, p. 61; *general*, 194, p. 256, 348, 376, 415, 465, pp. 854-856, 512, 658, 705, 763, p. 48.
- Orthoclase.** Ballandean, 477, p. 67; North Australian Block, Charters Towers, 553, p. 255; Mount Browning, near Cooktown, 405, p. 8; Running Creek, Great Star River, 477, p. 67; Stanthorpe, 477, p. 67.
- Osmiridium (?)** Jordan Creek, 31, p. 6.
- Penninite.** Wheal Vohr, Tinaroo, 477, pp. 70-71.  
[See **Rhodochrome.**]
- Petzite.** Mount Morgan, 702, p. 713 (f.n.)  
*Phosphate of Alumina.* Brisbane, 784.
- Pimelite.** Kilkivan, 675, p. 66, 676.
- Platinum.** Currumbin-Coolangatta Beach, 36; Russell Gold Field, Walsh and Tinaroo, 56, p. 50.
- Pleonaste.** Anakie, 274, pp. 18-19.
- Powellite.** Bamford, near Petford, Walsh and Tinaroo, 42D, p. 33.
- Prehnite.** Bowen River, near Biralee, 195, pp. 314-315, 400, p. 6; Collaroy Ranges, 195, pp. 314-315; Mount Macedon, Bowen District, 195, p. 315, 409, p. 145; Strathmore Creek, Bowen River, 477, p. 68.
- Proustite.** Muldiva, Walsh and Tinaroo, 56, p. 50.
- Pycnite.** Watsonville, Walsh and Tinaroo, 694, p. 291.
- Pyrargyrite.** Muldiva, Walsh and Tinaroo, 56, p. 50; Silver Spur Mine, Stanthorpe District, 708C, p. 135.
- Pyrite.** Keeley's Lode, Mount Flora Field, 39, p. 17.
- Pyrolusite.** Gladstone, 477, p. 61; Leyburn, near Warwick, 477, p. 61.
- Pyromorphite.** Chillagoe, Walsh and Tinaroo, 56, p. 53; Coolgarra, Herberton District, Walsh and Tinaroo, 56, p. 53; Mont Albion, Walsh and Tinaroo, 56, p. 53; Newellton, Walsh and Tinaroo, 56, p. 53; Curlew, near Charters Towers, 553, pp. 256-257.
- Pyrope.** Running Creek, Star River, 553, p. 246.
- Pyroxene.** [See **Augite**, **Wollastonite.**]
- Quartz** (*with fluid inclusions.*) Charters Towers, 477, p. 64; Logan Valley, 477, p. 64; Mackay, 477, p. 64.  
[See also **Amethyst.**]
- Realgar.** Herberton, Walsh and Tinaroo, 56, p. 57; Mont Albion, Walsh and Tinaroo, 56, p. 57; Watsonville, Walsh and Tinaroo, 56, p. 57.
- Rhodochrome.** Near Rockhampton, 273, p. 18.
- Ruby.** Anakie, 274, p. 17; Jordan Creek, Herberton District, Walsh and Tinaroo, 271, p. 14, 668A, p. 20; Stanthorpe District, 708C p. 133; Tate River, 278, p. 29.



- Sanidine.** Mount Conowrin, East Moreton District, **431**, p. 10.
- Sapphire.** Anakie, **274**, pp. 15-18, **276**, **465**, pp. 829-831, **782A**, p. 1232; Stanthorpe, **477**, p. 57, **703C**, p. 133, **749**, pp. 83-84; Withersfield, Rockhampton District, **407**, pp. 2, 3, **409**, p. 741.
- Scandium** (*in Cassiterite*.) Lancelot Mine, Herberton, **290**, p. 416.
- Scapolite.** Coen Gold Field, Cook District, **32**, p. 27.
- Scheelite.** Bamford, near Petford, Walsh and Tinaroo, **42D**, p. 35; Cloneurry, **37**, p. 27; Mount Carbine, Herberton Gold Field, **42E**, pp. 35-36, 91.
- Seolecite.** Charters Towers, **156**, **158**, pp. 118, 119, **159**, p. 736, **478**.
- Scorodite.** Horn Island, Torres Strait, **271**, p. 13; Watsonville, Walsh and Tinaroo, **694**, p. 291.
- Selenite.** [*See Gypsum.*]
- "Siliceous Sinter."** Mount Morgan, **884**.
- Sillimanite.** Coen Gold Field, Cook District, **32**, pp. 27-28; Hamilton Gold Field, **32**, p. 23.
- Silver.** Hidden Treasure, Upper Burdekin, **522**, p. 9; Mont Albion, Walsh and Tinaroo, **56**, p. 49; Mount Garnet, Walsh and Tinaroo, **56**, p. 49; Walsh and Tinaroo, **56**, pp. 49-50.
- Smithsonite.** Near Bowen, **477**, p. 75.
- Sphalerite.** Ballandean, **703C**, pp. 135-136; Bamford, near Petford, Walsh and Tinaroo, **42D**, p. 29; Burketown Field, **42**, pp. 25-26; Mont Albion, Walsh and Tinaroo, **748**, p. 34; Mount Jackson, Etheridge Gold Field, **42A**, p. 231; Ravenswood (*containing Cadmium*), **477**, p. 50; Silver Spur Mine, Stanthorpe District, **703C**, pp. 135, 136.
- Sphene** (*in granite*.) Wallangarra, **708C**, p. 52.
- Spinel.** [*See Pleonaste.*]
- Stannite.** Ivanhoe Mine, Eureka Creek, near Stannary Hills, Walsh and Tinaroo, **553**, p. 260; Stewart's T Claim, Tinaroo, **477**, p. 52; Watsonville, Walsh and Tinaroo, **553**, p. 260.
- Staurolite.** Chillagoe, **56**, p. 63; Agnes Vale, Wide Bay District, **553**, p. 260.
- Stephanite.** Muldiva, Walsh and Tinaroo, **56**, p. 50.
- Stibnite.** Emily Lease, Northcote, Hodgkinson Gold Field, **477**, p. 45; Neardie Mine, Maryborough District, **679**, pp. 6-7; Queensland, **501**, p. 316.
- Stilbite.** Fitzroy River, **477**, p. 69; Toowoomba, **477**, p. 69.
- Stolzite** (?). Bamford, near Petford, Walsh and Tinaroo, **42D**, p. 35.
- Tantalite.** Dividend Gully, Etheridge Gold Field, **42C**, p. 40; Gilbert and Percy Rivers, &c., Etheridge Gold Field, **42A**, p. 231; (?) Johnstone River, near Geraldton, **282**, pp. 12, 13, **399A**, p. 234, **735**, p. 443.
- Telluride of Bismuth.** Degilbo, **703**.
- Telluride of Gold.** Lord Roberts Reef, Gilberton, Etheridge Gold Field, **42C**, p. 44; Mount Morgan, **701**, p. 494, **702**, p. 713, **727**, p. 14; Mount Shamrock, **479**.
- Telluride of Bismuth and Gold.** Mount Shamrock, **33**, p. 5, **703A**.
- Telluride of Gold and Silver.** No. 2 South Great Eastern, Gympie, **684**, p. 3; New Zealand P. C. Mine, Gympie, **703A**.
- Tellurides.** [*See Calaverite, Coloradoite, Hessite, Petzite, Wehrlite.*]
- Tellurite of Lead.** Gilberton District, Etheridge Gold Field, **440**.



- Tellurium.** Lucky Valley, Duffer Gully, near Clermont, Central Queensland, 553, pp. 250, 261; Talgai Gold Field, 477, p. 44.
- Tetradymite.** Mount Shamrock, 409, p. 102, 680, p. 6; (?) Degilbo, 703.
- Tetrahedrite.** Mont Albion, Walsh and Tinaroo, 748, p. 29; Ravenswood Great Extended Mine, Ravenswood Gold Field, Co. Gladstone, 477, p. 54.
- Thomsonite.** Strathmore Creek, Bowen River, 477, p. 68.
- Titanite** (*in granite*). Wallangarra, 708C, p. 52.
- Topaz.** California Creek, 749, p. 85; Lancewood Tin Mines, Chillagoe, 15, p. 123; Never Can Tell, Coolgarra, Walsh and Tinaroo, 158, p. 118, 477, p. 68, 523, p. 4; Herberton, 749, p. 85; Severn River, Stanthorpe District, 708C, p. 102; Stanthorpe, 12, 15, pp. 122-123, 477, p. 68, 708C, pp. 133-134; 749, pp. 32, 86; Tate River, 15, p. 121, 694, p. 291; Watsonville, Walsh and Tinaroo, 694, p. 291. [See also **Pyenite**.]
- Tourmaline.** Magpie Reef, Carmilla, near Broad Sound, 269, p. 7; near Cooktown, 405, pp. 1-8; Normanby Range, Bowen, 477, p. 67; Mount Leswell, near Cooktown, 405, pp. 1-3; Wheal Davy, near Cooktown, 405, p. 3.
- Tremolite.** Muldiva, Walsh and Tinaroo, 56, p. 62.
- Tripolite.** [See **Diatomite**.]
- Tungstite.** Mount Carbine, Herberton Gold Field, 42E, p. 36; Stanthorpe District, 708C, p. 136.
- Turquoise.** Cawarral Creek, near Rockhampton, 270, pp. 14-15; Keppel Bay, 270, p. 16, 284A, p. 172, 413, pp. 10, 16; Quoin Island, Rockhampton, 278, p. 11.
- Wad.** Kilkivan, 313, 477, p. 62, 675, p. 66, 676.
- Wehrlite.** Mount Shamrock, 575, p. 328.
- Willemite.** Mont Albion, Walsh and Tinaroo, 56, p. 54.
- Witherite.** Mount Chalmers, near Rockhampton, 284, pp. 6, 15; Springsure, 477, p. 75.
- Wittichenite** (?). Daisy Mine, Eukalunda, near Bowen, 404, p. 8, 409, p. 13.
- Wolframite.** Red Rock, Ballandean, 708C, p. 117; Bamford, near Petford, Walsh and Tinaroo, 42D, pp. 36-37; Lancelot Mine, Herberton District, 168, p. 138; Lappa Lappa, Walsh and Tinaroo, 99; Tinaroo Creek, near Mareeba, 99; Mount Carbine, Herberton Gold Field, 42E, pp. 33-35; Noble Island, near Cooktown, 477, p. 71; Stanthorpe, 477, p. 71, 708C, p. 136; Tinaroo, 477, p. 71; Chance Claim, Watsonville, Walsh and Tinaroo, 553, p. 262; Wolfram Camp, Hodgkinson Gold Field, Walsh and Tinaroo, 99; North Queensland, 168; Queensland, 99, 281, pp. 150-152.
- Wollastonite.** Chillagoe, 273, p. 22, 282, p. 8.
- Wulfenite.** Buttercup, Eungella Gold Field, 40, p. 28; (?) Walsh and Tinaroo, 56, p. 53.
- Zeolites.** Charters Towers, 159, p. 736. [See also **Analcite**, **Chabazite**, **Laumontite**, **Natrolite**, **Stilbite**, **Thomsonite**.]
- Zinc.** Gulf Country, 476, 477, p. 44.
- Zircon.** Anakie, 274, 276, 465, p. 836; Eungella, Mackay District, 40, pp. 32-33, 273, p. 18, 553, p. 263; Jordan Creek, 31, p. 6; Stanthorpe, 749, pp. 84-85; Withersfield, Rockhampton District, 407, pp. 2, 3.



## LOCALITY INDEX.

- AGNES VALE, Wide Bay. Staurolite.  
 ALBERT AND LOGAN GOLD FIELD. Diatomite.  
 ALLIANCE MINE, Morinish, Rockhampton. Copper.  
 ANAKIE. 275; Diamond, Gemstones, Pleonaste, Ruby, Sapphire, Zircon.  
 ANGLO-AMERICAN, Burketown Gold Field. Cerussite.  
 ARGYLE MINE, Herberton. Copper.  
 ARMAGEDDON REEF, Gilbert River. Gold.  
 BALLANDEAN. 708C; Cassiterite, Löllingite, Orthoclase, Sphalerite, Wolframite.  
 BAMFORD, near Petford, Walsh and Tinaroo. 42D; Actinolite, Bismite, Bismuth, Chillagite (?), Fluorite, Galena, Ilsemannite, Meymacite (?), Molybdenite, Molybdo-tungstate of Lime, Monazite, Powellite, Scheelite, Sphalerite, Stolzite (?), Wolframite.  
 BARCOO RIVER. Opal.  
 BEAUDESERT, Fassifern. Analcite.  
 BEER AND DAWSON'S, Yorkey Gold Field. Calamine.  
 BELGRAVIA, Chillagoe. Garnet Rock.  
 BELL'S, Burketown Gold Field. Cerussite.  
 BIRALEE, Bowen River. Prehnite.  
 BLACK SNAKE, Kilkivan. 674; Asbolite.  
 BRISBANE. *Aluminium Phosphate*, Bismuthinite, Bismutite, Gypsum.  
 BOWEN DISTRICT. Epidote, Gypsum, Laumontite, Prehnite, Smithsonite, Tourmaline, Wittichenite (?).  
 BULIMBA, near Brisbane. Gypsum.  
 BULLA CREEK [Bulloo River]. Opal.  
 BURDEKIN, UPPER. Silver.  
 BURKETOWN GOLD FIELD. 42, pp. 25-33; Anglesite, Cerussite, Epsomite, Goslarite, Greenockite (?), Massicot, Sphalerite.  
 BUTTERCUP, Eungella Gold Field. Wulfenite.  
 CAIRNS. Monazite.  
 CALCIFER, Walsh and Tinaroo. Barysilite (?).  
 CALEDONIA MINE, Tinaroo. Linarite.  
 CALIFORNIA CREEK, near Mount Garnet, Walsh and Tinaroo. Monazite, Topaz.  
 CAPE RIVER DIGGINGS, Co. South Kennedy. Gold.  
 CARPENTER'S GULLY, Ballandean. Cassiterite.  
 CARMILLA, near Broad Sound. 269; Tourmaline.  
 CAWARRAL CREEK, near Rockhampton, Turquoise.  
 CHANCE CLAIM, Watsonville, Walsh, and Tinaroo. Wolfram.  
 CHARTERS TOWERS. Antimony (?), Asbestos, Calcite, Cerargyrite, Copper, Felspar, Gypsum, Orthoclase, Pyromorphite, Quartz, Scolecite, Zeolite.  
 CHILLAGOE. Andradite, Atacamite, Azurite, Chillagite (Lionite), Cuprite, Garnet, Garnet Rock, Gypsum, Pyromorphite, Staurolite, Topaz, Wollastonite.  
 CHOWEY CREEK, near Gayndah, County Burnett. Bismuth, Bismuthinite, Molybdenite.  
 CHRISTMAS GIFT MINE, Chillagoe. Chillagite (Lionite).  
 CLAIRVIEW, St. Lawrence, near Broad Sound, Garnet Rock.  
 CLERMONT, near, Central Queensland. Tellurium.

- CLONCURRY, 37, 38; Almandite, Atacamite, Azurite, Bismuth, Copper, Cuprite, Diopside, Gold, Graphite, Gypsum, Ilmenite, Labradorite, Malachite, Melanconite, Scheelite.
- COEN GOLD FIELD, Cook District. Scapolite, Sillimanite.
- COLLARROY, near Broad Sound. 269; Epidote, Ferro-calcite.
- COLLARROY RANGES. Prehnite.
- CONANDALE RANGE, East Moreton District. Glaucophanite.
- COOK DISTRICT. Cinnabar, Scapolite, Sillimanite.
- COOKTOWN. Cassiterite, Ilvaite, Orthoclase, Tourmaline.
- COOLANGATTA BEACH, south of Brisbane. Monazite, Platinum.
- COOLGARRA, Walsh and Tinaroo. 523; Amethyst, Monazite, Pyromorphite, Topaz.
- COORAN, near Noosa, Co. Wide Bay. Hyalite.
- CROCODILE GOLD FIELD, Rockhampton District. Chalcantite.
- CROYDON. Agate, Calcite, Cerargyrite.
- CURLEW, near Charters Towers. Pyromorphite.
- CURRUMBIN-COOLANGATTA BEACH, south of Brisbane. Monazite, Platinum.
- DAISY MINE, Eukalunda, near Bowen. Wittichenite (?).
- DARGALONG, Walsh and Tinaroo. Arsenic, Cinnabar.
- DEE RIVER, near Mount Morgan. Gold, Gold Nugget.
- DEGILBO, Co. Mackenzie. Bismuth, Bismuth Telluride.
- DIVIDEND GULLY, Etheridge Gold Field. Tantalite.
- DOTTWOOD MINE, Keelbottom Creek, Townsville District. Copper.
- DUFFER GULLY, near Clermont, Central Queensland. Tellurium.
- EAST MORETON AND WIDE BAY DISTRICT. Glaucophanite, Sanidine.
- EIGHT MILE PLAIN. Barro-celestite.
- EINASLEIGH MINE, Etheridge Gold Field. 42B; Garnet.
- EMUFORD, Walsh and Tinaroo. Monazite.
- EMLY LEASE, Northcote, Hodgkinson Gold Field. Stibnite.
- ENDEAVOUR RIVER. Ilvaite.
- ENOGGERA RANGES, near Brisbane. Bismuthinite, Bismutite.
- ETHERIDGE GOLD FIELD. 42A; Garnet, Gold Telluride, Lead Telluride, Molybdenite, Sphalerite, Tantalite.
- ETON, Parish, Mackay District. Graphite.
- EUNGELLA, Mackay District. Zircon.
- EUREKA CREEK, near Stannary Hills, Walsh and Tinaroo. Stannite.
- EVELYN RIVER, Walsh and Tinaroo. Apophyllite.
- EUKALUNDA, Bowen District. Gypsum, Wittichenite (?).
- FASSIFERN, near Normanby. Analcite, Augite, Meliphanite (?).
- FITZROY RIVER. Stilbite.
- FOSSILBROOK, Herberton District, Walsh and Tinaroo. Monazite.
- GERALDTON. Columbite (?), Monazite, Tantalite (?).
- GILBERTON DISTRICT, Etheridge Gold Field. Gold Telluride, Tellurite of Lead.
- GILBERT RIVER. Gold, Tantalite.
- GIROFLA MINE, Chillagoe. Azurite.
- GLADSTONE DISTRICT. Garnet Rock, Pyrolusite.
- GOLDEN GATE, Croydon. Calcite.
- GREAT AUSTRALIAN COPPER MINE, Cloncurry. Melanconite.
- GREAT EASTERN MINE No. 2, Gympie. Altaite.



- GREAT STAR RIVER. Orthoclase.
- GREENBANK, Normanby (Reid's Creek) Gold Field, 14 miles west of Mount Perry, Co. Burnett. Graphite.
- GREEN CREEK, Normanby Gold Field, 46 miles south of Bowen, North Queensland. Gold Amalgam (?)
- GULF COUNTRY. Zinc.
- GYMPIE GOLD FIELD. 683; Altaite, Arsenic, Telluride of Gold and Silver, Hessite.
- HALIFAX BAY. Bismutite.
- HAMILTON GOLD FIELD. Sillimanite.
- HERBERTON DISTRICT. Apophyllite, Azurite, Beryl, Bismuth, Cassiterite, Cerussite, Copper, Molybdenite, Monazite, Olivine, Realgar, *Scandium*, Scheelite, Topaz, Tungstite, Wolframite.
- HERBERT RIVER. Halite.
- HIDDEN TREASURE, Upper Burdekin. Silver.
- HODKINSON GOLD FIELD, Walsh and Tinaroo. Bismuth, Molybdenite, Monazite, Stibnite, Wolframite.
- HORN ISLAND, Torres Straits. Scorodite.
- IPSWICH DISTRICT. Garnet.
- ISLAPORT, Rockhampton. Magnesite.
- IVANHOE MINE, Eureka Creek, near Stannary Hills, Walsh and Tinaroo. Stannite.
- JOHNSTONE RIVER, Geraldton. Columbite (?), Monazite, Tantalite (?).
- JORDAN CREEK GOLD FIELD. 31; Almandite, Corundum, Iridosmine (?), Natrolite, Ruby, Zircon.
- JUMP UP, Herberton Road, Walsh and Tinaroo. Apophyllite.
- KANGAROO HILLS, Halifax Bay. Bismuth.
- KEELBOTTOM MINE, near Townsville. Copper.
- KEELEY'S LODGE, Mount Flora Field. Pyrite.
- KENNEDY COPPER MINE, Sandy Creek, Great Star River. Azurite.
- KEPPEL BAY. Turquoise.
- KIDSTON, Etheridge Gold Field. Molybdenite.
- KILKIVAN. 28; Ankerite, Asbolite, Cinnabar, Magnesite, Mercury, Pimelite.
- LANCELOT MINE, Herberton. *Scandium*, Wolframite.
- LANCEWOOD MINES, Chillagoe. Topaz.
- LAPPA LAPPA, Walsh and Tinaroo. Bismuth, Cerargyrite, Wolframite.
- LEACEY'S CREEK, East Moreton District. Glaucophanite.
- LEYBURN, Warwick. Pyrolusite.
- LION'S DEN, Cooktown. Cassiterite.
- LISTOWEL DOWNS, Co. McKinley. Opal.
- LITTLE LIVERPOOL RANGE, Fassifern. Augite, Meliphanite (?)
- LITTLE RIVER, Croydon. Agate.
- LITTLE RIVER, Cook District. Cinnabar.
- LOGAN VALLEY. Quartz.
- LOGAN DISTRICT. Cacoxenite.
- LORD ROBERTS REEF, Gilberton, Etheridge Gold Field. Gold Telluride.
- LOWOOD, IPSWICH. Garnet.
- LUCKY VALLEY, Duffer Gully, near Clermont, Central Queensland. Tellurium.
- MACKAY DISTRICT. Graphite, Molybdenite, Quartz, Zircon.
- MAGPIE REEF, Carmilla. Tourmaline.

- MAREEBA, Walsh and Tinaroo. Bismuth, Molybdenite, Wolframite.
- MARODIAN, Maryborough District. Garnet.
- MARYBOROUGH. Bismuth, Garnet, Stibnite.
- MENDED HILL, Burketown Gold Field. Epsomite, Goslarite.
- MONTALBION, Walsh and Tinaroo. Anglesite, Bournonite, Calamine, Cerargyrite, Pyromorphite, Realgar, Silver, Sphalerite, Tetrahedrite, Willemite.
- MOONMERA, near Mount Morgan. 195; Ankerite, Atacamite.
- MORINISH, Rockhampton. Copper.
- MOUNT BIGGENDEN, near Gayndah, Co. Burnett. 34, 680; Bismuth, Bismuthinite, Bismutite, Erythrite.
- MOUNT BOPPLE, Tiapo District, Co. Wide Bay. Graphite.
- MOUNT BORUNDA, Walsh and Tinaroo. Amethyst.
- MOUNT BROWNING, near Cooktown. Orthoclase.
- MOUNT CARBINE, Herberton Gold Field. Beryl, Scheelite, Tungstite, Wolframite.
- MOUNT CHALMERS, Rockhampton District. Barite, Witherite.
- MOUNT CONOWRIN, E. Moreton District. Sanidine.
- MOUNT JACKSON, Etheridge Gold Field. Sphalerite.
- MOUNT ELLIOTT, Cloncurry. Atacamite, Dioptase, Gypsum.
- MOUNT EURIE, Cloncurry. Labradorite.
- MOUNT FLORA GOLD FIELD. Dioptase, Pyrite.
- MOUNT FLINDERS. Alum.
- MOUNT GARNET, Walsh and Tinaroo. Azurite, Cerussite, Malachite, Monazite, Silver, Topaz.
- MOUNT LESWELL, near Cooktown. Tourmaline.
- MOUNT LEYSHON, Charters Towers. Copper.
- MOUNT MACEDON, Bowen District. Prehnite.
- MOUNT MEE, E. Moreton District. Glaucophane.
- MOUNT MORGAN (LONDON) EXTENDED MINE, Crocodile Gold Field. Chalcantite.
- MOUNT MORGAN. 402, 403, 408, 411; Coloradoite (?), Calaverite, Gold, Gold Tellurides, Hematite, Limonite, Opal, Petzite, "Siliceous Sinter."
- MOUNT OPHIR, Chowey Creek, near Gayndah, Co. Burnett. Molybdenite.
- MOUNT PERRY, near Gayndah, Co. Burnett. Actinolite, Atacamite, Copper.
- MOUNT SAMFORD, Enoggera Ranges, near Brisbane. Bismuthinite, Bismutite.
- MOUNT SHAMROCK, Chowey Creek, near Gayndah, Co. Burnett. 33, 680; Bismuth, Bismuthinite, Bismutite, Gold, Gold and Bismuth Telluride, Gold Telluride, Molybdenite, Tetradymite, Wehrlite.
- MULDIVA, Walsh and Tinaroo. Atacamite, Azurite, Cerargyrite, Cuprite, Proustite, Pyrargyrite, Stephanite, Tremolite.
- MUNGAI STATION, near Mount Perry. Actinolite.
- MUNGANA, Walsh and Tinaroo. Hematite.
- MURRAY CREEK, Collaroy. Ferro-calcite.
- NANANGO GOLD FIELD. Bismuth.
- NEARDIE MINE, Maryborough District. Stibnite.
- NERANG, Macpherson Range. Diatomite.
- NEWELLTON, Walsh and Tinaroo. Calamine, Pyromorphite.
- NEW ZEALAND GULLY, near Rockhampton. Cerargyrite, Gold, Gold and Silver Telluride.
- NEVER CAN TELL, Coolgarra, Walsh and Tinaroo. Topaz.



- NOBLE ISLAND, near Cooktown. Wolframite.
- NORMANBY GOLDFIELD, about 46 miles S. of Bowen, North Queensland.  
Gold Amalgam (?).
- NORMANBY (REID'S CREEK) GOLDFIELD, 14 miles W. of Mount Perry, Co. Burnett. Graphite.
- NORMANBY REEFS, Cooktown. Leucite.
- NORMANBY RANGES, Bowen. Tourmaline.
- NORTH AUSTRALIAN BLOCK, Charters Towers. Orthoclase.
- NORTHCOTE, Hodgkinson Gold Field, Walsh and Tinaroo. Stibnite.
- PEAK DOWNS. Azurite, Copper, Malachite.
- PERCY RIVER, Etheridge Gold Field. Tantalite.
- PETFORD, Walsh and Tinaroo. [See BAMFORD.]
- PINE CREEK, Albert and Logan Gold Field. Diatomite.
- PUZZLER REEF, Charter's Towers. Cerargyrite.
- QUOIN ISLAND, Rockhampton. Turquoise.
- RAVENSWOOD, Co. Gladstone. Sphalerite, Tetrahedrite.
- RED HILLS, near Mungana, Walsh and Tinaroo. Hematite.
- RED ROCK, Ballandean. Wolframite.
- ROCKHAMPTON. Asbestos, Barite, Copper, Cerargyrite, Chalcantinite, Garnet  
Rock, Gold, Magnesite, Rhodochrome, Sapphire, Turquoise, Witherite,  
Zircon.
- RUNNING CREEK, Great Star River. Orthoclase, Pyrope.
- RUSSELL GOLD FIELD, Walsh and Tinaroo. Chrysolite, Platinum.
- SANDY CREEK, Great Star River. Azurite.
- SEVERN RIVER, Stanthorpe District. Topaz.
- SILVER KING, &C., Burketown Gold Field. Anglesite, Greenockite (?).
- SILVER SPUR MINE, near Stanthorpe. Pyrargyrite, Selenite, Sphalerite.
- SOUTH GREAT EASTERN, No. 2, Gympie. Gold and Silver Telluride, Hesseite.
- SOUTHPORT. Emery.
- SPRINGSURE, Co. Leichhardt. Opal, Witherite.
- STAR RIVER SILVER FIELD. Anglesite, Cerussite, Pyrope.
- STANTHORPE. 708C, 749; Amethyst, Barklyite, Beryl, Bismuth, Cassiterite,  
Corundum, Diamond, Gemstones, Graphite, Hyalite, Lithia Mica,  
Molybdenite, Orthoclase, Pyrargyrite, Ruby, Sapphire, Selenite,  
Topaz, Tungstite, Wolframite, Zircon.
- STRATHMORE CREEK, Bowen River. Laumontite, Prehnite, Thomsonite.
- SYLVESTER CREEK, Herbert River. Halite.
- TALGAI GOLD FIELD. Tellurium.
- TATE RIVER. Ruby, Topaz.
- TIARO DISTRICT. Graphite.
- TINAROO. Anglesite, Azurite, Cassiterite, Linarite, Malachite, Penninite,  
Stannite, Wolframite.
- [See also WALSH and TINAROO.]
- TOOWOOMBA. Chabazite, Magnesite, Natrolite, Olivine, Stilbite.
- TWO MILE GOLD MINE, Gympie. Arsenic.
- TOWNSVILLE. Anglesite, Copper.
- TRUE BLUE, Mount Flora Gold Field. Dioptase.
- UPPER BURDEKIN. Silver.
- VICTORY LEASE, Charters Towers. Calcite, Gypsum.
- WALLANGARRA. 708C; Cassiterite, Titanite.

WALSH AND TINAROO FIELD. 56; Actinolite, Amethyst, Anglesite, Apophyllite, Arsenic, Arsenolite, Atacamite, Azurite, Barysilite (?), Bismite, Bismuth, Bismuthinite, Bournonite, Calamine, Cassiterite, Cerargyrite, Cerussite, Chillagite (?), Chrysolite, Cinnabar, Copper, Fluorite, Galena, Garnet, Gemstones, Gold, Hematite, Ilsemannite, Malachite, Meymacite (?), Molybdenite, Molybdo-tungstate of Lime, Monazite, Opal, Platinum, Powellite, Pycnite, Proustite, Pyrargyrite, Pyromorphite, Realgar, Ruby, Scheelite, Scorodite, Silver, Sphalerite, Stannite, Stephanite, Stibnite, Stolzite (?), Tetrahedrite, Topaz, Tremolite, Willemite, Wolframite, Wulfenite (?).

[See also CHILLAGOE.]

WARWICK. Pyrolusite.

WATSON'S, Burketown Field. Greenockite (?), Massicot.

WATSONVILLE, Walsh and Tinaroo. Arsenolite, Garnet, Pycnite, Realgar, Scorodite, Stannite, Topaz.

WATT'S SELECTION, Logan District. Cacozenite.

WHEAL DAVEY, near Cooktown. Tourmaline.

WHEAL VOHR, Tinaroo. Penninite.

WIDE BAY DISTRICT. Hyalite, Staurolite.

WINGANANIE, Jordan Creek. Natrolite.

WITHERSFIELD, Rockhampton District. Sapphire, Zircon.

WOLFRAM CAMP, Hodgkinson Gold Field, Walsh and Tinaroo [*now* WOLFRAM].  
Bismuth, Molybdenite, Monazite, Wolframite.

YORKEY'S GOLD FIELD. Calamine.



## SOUTH AUSTRALIA.

## GENERAL WORKS AND PAPERS.

- BASEDOW (H.). Catalogue of Minerals in the Technological Museum of The South Australian School of Mines and Industries. (Adelaide, Govt. Printer, 1907.)
- BROWN (H. Y. L.) Report, Geological, &c., S. Austr. Parliamentary Papers, No. 35, 1884 (contains List of Minerals and Register of Localities).
- BROWN (H. Y. L.) Catalogue of South Australian Minerals with the Mines and other Localities where found, and Brief Remarks on the Mode of Occurrence of some of the principal Metals and Ores. (Adelaide, Govt. Printer, 1893.)
- BURR (T.) Remarks on the Geology and Mineralogy of South Australia. (Adelaide, 1846.)
- RECORD OF THE MINES OF SOUTH AUSTRALIA, 4th Edit. (Adelaide, Govt. Printer, 1908.)
- CLOUD (T. C.) A Catalogue of South Australian Minerals. *Trans. Roy. Soc. S. Austr.*, vi, 1882-3 (1883), pp. 72-93.
- HARCUS (W.) South Australia; its History, Resources and Productions. [Mines and Minerals, pp. 297-312.] (London, 1876.)
- MINERAL CENSUS OF AUSTRALASIA. *Rept. Austr. Assoc. Adv. Sci.*, ii, 1890 (S. Austr., pp. 217-232).
- GILL (T.) Bibliography of South Australia. *Col. and Ind. Exhib., London*, 1886.

## SUBJECT INDEX.

- Actinium.* Olary, **669B** (*in ores*).
- Allochroite** (= **Andradite**). Wooltana Run, near Lake Frome, **340**, p. 183.
- Almandite.** South Australia, **711**, p. 58.
- Alum, Ammonia.** Mern Merna, near Hawker, **338**, p. 165.
- Alumina, Phosphate of.** Clinton, Yorke Peninsula, **93**, p. 335, **343**, p. 228; Hundred of Pekina, **94**, p. 21.
- Alunite.** Carrickalinga Head, Myponga, Co. Hindmarsh, **875F**, pp. 39-43; Kangaroo Island, **339**, p. 176; Hundred of Napperby, Co. Victoria, **399F**, pp. 25-27.
- Amazon Stone.** Olary, **542**.
- Amethyst.** Radium Ridge, near Mount Painter, Flinders Range, **77B**, pp. 173-174.
- Ammonia Alum.** Mern Merna, near Hawker, **338**, p. 165.
- Amphibole.** [*See Asbestos, Crocidolite.*]
- Andalusite.** [*See Chiastolite.*]
- Andradite.** [*See Allochroite.*]
- Anglesite.** Wilpena Pound, Flinders Range, **171**, p. 87.
- Ankerite.** Wallaroo, **553**, p. 217.
- Annabergite.** Blinman, **287**, p. 125; Gill's Bluff, Mount Lyndhurst, **553**, p. 218; Mount Ogilvie, **553**, p. 218.
- Anorthoclase.** Port Victor, **315**.
- Apatite.** Kurilla Mine, near Wallaroo, **170**, p. 55, **171**, p. 76; Mount Painter, **255**, p. 9; Wallaroo, **170**, p. 55, **171**, p. 76.
- Aquamarine.** Near Williamstown, **543**, p. 143.

- Aragonite.** Armagh, near Clare, 171, p. 75; Blinman, 93, p. 32; Oratunga Mine, 93, p. 108; Wallaroo, 171, p. 75.
- Asbestos.** Hundred of Adams, Flinders Range (*Crocidolite*), 93, p. 353; Hundred of Bright, 8 miles N.E. of Robertstown, 93, p. 353; Ruedeger's Asbestos Show, Hundred of Bright, near Eudunda, 443A, pp. 45-46 (*Crocidolite*); Oodlawirra, 93, p. 353, 316, p. 30; Mount Grainger Gold Field, 7 miles N. of Oodlawirra (*impure*), 399D, pp. 22-23; Sailor's Gully, 16 miles S.E. of Gawler (*Mountain Cork*), 93, p. 353; Mount Crawford, 336, p. 162; Asbestos Mine, Hundred of Arkaba, near Hawker, 443A, pp. 44, 45 (*Crocidolite*).
- Asphaltum.** Eyre Peninsula, 875D, p. 6; Kangaroo Island, 386, pp. 86-89, 875D, pp. 6, 13-15, 25-26.
- Atacamite.** Beltana Mine, 86, p. 3, 93, p. 165; Bimbowrie, 539, 852, p. 207; Burra Burra, 356, p. 118, 713, p. 54 (f.n.), 852, pp. 206, 207; Mockra Tower, 171, p. 92; Moonta, 93, p. 140, 287, p. 120, 852, pp. 205-207, 875E, p. 7; Mount Lyndhurst, 334, pp. 186, 194; Mutooroo, 93, p. 97, 287, p. 120; Nuccaleena Mine, near Blinman, 93, p. 105; Onkaparinga Mine, Echunga Gold Field, 93, p. 107; Parramatta Mine, Yorke Peninsula, 875A, p. 10; Wallaroo, 170, pp. 50, 51, 171, pp. 91, 92, 197, 287, p. 120, 454, 511, p. 36, 553, p. 218, 713, p. 54, 911; Yorke Peninsula, 169; South Australia, 97, 812, pp. 39, 40, 42, 852, pp. 205-207.
- Augite.** Tomkinson Ranges, 343, p. 228.
- Autunite.** Mount Painter, 318, pp. 3, 4, 875B, pp. 28-30, 875G, p. 37; Radium Hill, near Olary, 875F, p. 27; Yeldulknie Creek, near Cleve, Eyre Peninsula, 875B, p. 28, 875C, p. 6.
- Axinite.** Rosetta Head, Co. Hindmarsh, 595, pp. 72-73.
- Azurite.** Burra Burra, 95B, 171, p. 90, 707, 712; Kapunda, 171, p. 90; Moonta, 778; South Australia, 707.
- Barite.** Blinman Mine, 93, p. 32.
- Barite-sand Crystals.** Hallett's Cove, 542.
- Beryl.** Albegudina Creek, Bimbowrie, 543, p. 141; Barossa District, 543, p. 141; Bimbowrie, 544B, p. 295; Boolcoomata, 544B, p. 295; Mount Crawford, 171, p. 78, 287, p. 128, 543, p. 143, 780, p. 305; Mount Greenock, 781, p. 82; Mount Lofty Ranges, 543, p. 141; near Williamstown, 93, p. 359, 340, p. 183, 543, p. 143, 572, p. 58; "Adelaide," 356, p. 233.
- [See also *Aquamarine, Emerald.*]
- Biotite.** Yelta Mine, Yorke Peninsula, 170, p. 52, 171, p. 79, 553, p. 219, 875a, p. 9; Parramatta Mine, Yorke Peninsula, 875A, p. 9.
- Bismuth.** Balhannah Mine, Hundred of Onkaparinga, 93, p. 23, 171, p. 82, 367, p. 213; Murninnie Mine, 64 miles S. of Port Augusta, 93, p. 96, 171, p. 82; "Near Adelaide," 707.
- Bismuthinite.** Balhannah Mine, Hundred of Onkaparinga (*containing Selenium*), 690, p. 8; Freeling Heights, N.E. from Yudnamutana, 93, p. 94.
- Bismutite.** Freeling Heights, N.E. of Yudnamutana, 93, p. 94.
- Bornite.** Moonta, 170, pp. 53, 54, 171, p. 89, 553, pp. 219, 220.
- Calcite.** New Mecklenburg, near Lyndoch, 553, p. 220; Myponga, near Willunga, 336, p. 162; Wallaroo, 171, p. 74.
- [See also *Iceland Spar.*]



- Carnotite.** Mount Painter, Flinders Range, **875B**, pp. 28, 29; Radium Hill, near Olary, **93**, p. 361, **188**, **252**, p. 16, **253**, p. 15, **254**, pp. 25-26, **255**, p. 9, **318**, pp. 4, 9-10, 11, **540**, **698**.
- Carphosiderite.** Finniss Springs, near Lake Eyre, **343**, p. 227.
- Celestite.** Wallaroo, **170**, p. 56, **171**, p. 74.
- Cerargyrite.** Kapunda, **287**, p. 119; Miltalie, near Cowell, Franklin Harbour, **399B**, pp. 34, 35, **875C**, p. 6.
- "**Cerulene.**" Bimba Hill, Bimbowrie, **318D**, p. 27.
- Cerussite.** Strathalbyn Mine, near Strathalbyn, **171**, p. 87; Glen Osmond, **171**, p. 87.
- Chalcanthite.** Wirrialpa, **340**, p. 183.
- Chalcocite.** Ediacara Mine, near Beltana, **237**; Moonta, **553**, p. 221.
- Chaleopyrite.** Moonta, **170**, p. 53, **171**, pp. 89, 90, **553**, p. 221; Wallaroo, **171**, p. 89.
- Chalcotrichite.** (*Locality unknown*), **170**, p. 56.
- Chert.** Yorke Peninsula, **378**.
- Chiastolite.** Bimbowrie, **2**, **80**, **316**, pp. 28, 29, **318A**, pp. 33-35, **544A**, pp. 189-210, **544B**, pp. 273-274; Paringa, Mount Lofty Ranges, **544A**, p. 210.  
[*See also Howdenite.*]
- Chloanthite.** Near Mount Ogilvie, **287**, p. 125.
- Chloritoid.** Sleaford Bay, **340**, p. 182.
- Chrysoberyl.** Gordon Reward Claim,  $1\frac{1}{2}$  miles S. of Williamstown, **543**, p. 143.
- Chrysocolla.** Burra Burra, **171**, p. 91; Kurilla Mine, near Wallaroo, **171**, p. 91; Wallaroo, **171**, p. 91; "Near Adelaide," **707**.
- Chrysolite.** Mount Gambier, **553**, p. 221.
- Chrysotile.** Mount Crawford, **336**, p. 162; Tumby Bay, **542**, pp. 123-124.
- Cobaltite.** Bimbowrie, **93**, p. 353; Blinman, **287**, p. 125; near Mannahill, **343**, p. 227; Mount Ogilvie, **287**, p. 125.
- Columbite.** Boolcomatto [Boolcoomata], **735**, p. 444; Mount Babbage, Flinders Range, **735**, p. 444.
- Coorongite.** **856A**, pp. 36-37, 51; Coorong, mouth of Murray River, **93**, pp. 350-351, **141**, p. 302, **190**, p. 593, **469B**; Kangaroo Island, **875D**, pp. 15-21, 26.
- Copper.** Appealinna Mine, 40 miles from Hawker, **95B**; Sliding Rock Mine, near Beltana, **93**, pp. 127, 128; Great Northern Mine, near Blinman, **95B**; Burra Burra, **95B**, **358**, p. 61, **361**, **505**, p. 258, **598**, **713**, p. 55; Kapunda, **95B**; Moonta, **171**, p. 88; Spring Creek Mine, Mount Remarkable, **93**, p. 135; Wallaroo, **171**, p. 88, **713**.  
*Nugget.* Burra Burra, **505**, p. 258.
- Coquimbite.** Mount Margaret, Denison Range, near Oodnadatta, **93**, p. 369.
- Cordierite.** Mount Painter, Flinders Range, **93**, p. 359, **254**, p. 8, **318**, pp. 7, 8.
- Corundum.** Between Mount Painter and Mount Pitt, **93**, pp. 358-359, **253**, p. 15, **254**, p. 8, **256**, p. 10, **257**, p. 10, **318**, pp. 5, 6, 7, 8, **318A**, p. 10, **342**, p. 225, **543**, p. 141, **875B**, pp. 28, 29, 31, 33; near Williamstown, **543**, p. 143.  
[*See also Ruby and Sapphire.*]
- Covellite.** Yorke Peninsula, **171**, p. 89.

**Crocidolite.** Hundred of Adams, **93**, p. 353; near Orraparinna Station, **334**, p. 194; Wirrawilka Mine, near Hawker, **93**, p. 152.

[See *Asbestos*.]

**Cuprite.** Sliding Rock Mine, near Beltana, **93**, p. 127; Burra Burra, **95B**, **171**, p. 88, **598**, **707**; Moonta, **171**, p. 88; Mount Lyndhurst, **379**, Vol. I, p. 1914; Mutooroo, **287**, p. 120; Rhondda Mine, near Port Augusta, **171**, p. 88; Spring Creek Mine, Mount Remarkable, **171**, p. 88; Wallaroo, **713**, pp. 54, 55.

[See also *Chalcotrichite*.]

**Cyanite.** Eleanor River, Kangaroo Island, **93**, p. 362, **253**, p. 15; Mingary, **334**, p. 194; Nuriootpa, **171**, p. 80.

"**Davidite.**" Radium Hill, near Olary, **188**, **540**, **544b**, p. 298.

**Diamond.** Echunga Goldfield, **93**, p. 358, **171**, p. 73, **287**, p. 128, **367**, pp. 213, 215; Mount Kingston, near Peake River, **93**, p. 358, **98**.

**Dioptase.** Appealinna Mine, 40 miles N.N.E. from Hawker, **171**, p. 91.

**Embolite.** Ediacara Mine, Beltana, **237**, **287**, p. 118; Miltalie, near Cowell, Franklin Harbour, **399B**, pp. 34, 35.

**Emerald (?)**. Mount Remarkable, **780**.

**Emerald, Oriental.** Mount Painter, Flinders Range, **93**, p. 359.

**Epidote.** Barossa Ranges, **337**, p. 147; Moorilyanna Hill, S.E. of the Musgrave Ranges, **399G**, pp. 16-17; Wooltana, Far North Ranges, **595**, p. 73; South Australia, **711**, pp. 56-58.

**Erythrite.** Bimba Hill, Bimbowrie, **318D**, pp. 27-28; Bimbowrie, **93**, p. 353; near Blinman, **93**, p. 354, **287**, p. 125; "Glen Bar Mine," **171**, p. 87; Nichol's Nob, near Mount Lyndhurst, **86**, p. 181.

**Felspar.** Mulga Hill, near Radium Hill, Olary, **544B**, pp. 296, 313; Umberatana, **539**.

[See also *Anorthoclase*, *Amazonstone*, *Microcline*, *Orthoclase*.]

**Ferberite.** Hindmarsh Valley, **334**, p. 194.

**Fergusonite.** Mount Painter, Flinders Range, **318**, pp. 3, 4, 5, 7, **875B**, pp. 28, 30.

**Fibrolite.** Near Echunga, **339**, p. 175.

**Fluorite.** Parramatta Mine, Yorke Peninsula, **171**, p. 75.

**Garnet.** Kanmantoo, **171**, p. 79; Point Ellen, Vivonne Bay, Kangaroo Island, **875D**, p. 8.

[See also *Almandite*, *Allochroite*.]

**Gems, &c.** **93**, pp. 371-372.

**Gersdorffite.** Blinman, **287**, p. 125; Nichol's Nob, near Mount Lyndhurst, **86**, p. 181; Mount Ogilvie, **287**, p. 125.

**Glauber Salt.** [See *Mirabilite*.]

**Glauconite.** Aldinga, Co. Adelaide, Nullarbor Plains and Murray River Basin, **318D**, p. 10.

**Gold.** Mount Ogilvie, near Farina, **287**, pp. 117-118; Teetulpa, **507**, p. 145.

*Nuggets.* Teetulpa, **82**, p. 113, **86**, pp. 161-162, **93**, pp. 315-317.

**Graphite.** Belvidere Range, **171**, p. 73; Buckingham (? Co. Buckingham), **379**, Vol. I, p. 63; near Cleve, west of Franklin Harbour, **88**, p. 12; Mount Charles, **171**, p. 73; Mount Torrens, **171**, p. 73; Hundred of Sleaford, near Port Lincoln, **88**, p. 12; Spencer Gulf localities, **171**, p. 73; Warrow, Co. Flinders, **171**, p. 73.



- Guano.** Oratan Rock, near Netley, **93**, p. 342.
- Gummite.** Mount Painter, Flinders Range, **318**, pp. 3, 4, **875B**, pp. 28-30; Radium Hill, near Olary, **93**, p. 361, **540**, p. 192 (*occurrence doubtful*).
- Gypsum.** Gypsum Hill, 108 miles N. of Port Lincoln, **399C**, p. 9; Lake Greenly, Kangaroo Island, **875D**, p. 12; Middleback Range, Co. Yorke, **399E**, p. 45; Patawalonga Creek, near Glenelg, **542**; Yorke Peninsula, **171**, p. 74, **542**.
- Halloysite.** Wallaroo, **713**, p. 56.
- Hornblende.** Near Moorilyanna Hill, S.E. of Musgrave Ranges, **399G**, p. 18.
- Hematite.** Cooringa [Kooringa] Mine, **707**.
- Howdenite** (var. of **Chiastolite**). Bimbowrie, **316**, pp. 28, 29, **544A**, **544B**, pp. 273-274.
- Iceland Spar.** Angaston, **553**, p. 220; Franklin Harbour, **553**, p. 220; Kapunda, **553**, p. 220.
- Ilmenite.** Radium Hill, near Olary, **188**, **254**, p. 26.
- Ilvaite.** Bimbowrie, **343**, p. 227.
- Indicolite.** Kangaroo Island [*See Tourmaline.*]
- Iolite.** Mount Painter, Flinders Range, **93**, p. 359, **254**, p. 8, **318**, pp. 7, 8.
- Ionium.** Olary, **669B** (*in ores*).
- Jarosite.** Hundred of Coglin, **339**, p. 175.
- Kaolin.** Teatree Gully, **170**, pp. 52-53, **171**, p. 81, **553**, p. 226; Wallaroo, **171**, p. 81, **553**, p. 226.
- Lapis-lazuli** (?). Monarto, Murray Scrub, **93**, p. 372, **171**, p. 80.
- Lievrite.** [*See Ilvaite.*]
- Limonite.** Hindmarsh Valley, **553**, p. 227; Lake Eyre, &c. (*pseudomorphs after pyrite*), **171**, p. 84.
- Magnesite.** Franklin Harbour, **343** [? Tumbay Bay], p. 227; Tumbay Bay, Eyre Peninsula, **318C**, p. 13, **318D**, p. 11, **875G**, pp. 30-34.
- Magnetite.** Mount Lofty, **553**, p. 227.
- Malachite.** Burra Burra, **95B**, **171**, p. 91, **398**, p. 189; Oratunga Mine, **93**, p. 108, **171**, p. 90; Rhondda Mine, near Port Augusta, **171**, p. 90; Wallaroo, **171**, p. 90; Yudnamutana, **171**, p. 91, **553**, p. 228 (*var. Mysorin*); "South Australia," **707**.
- Martite.** Burra Burra, **689**, pp. 143-144; Mount Lofty, **171**, p. 84, **348**.
- Melonite.** Worturpa, near Leigh Creek, **93**, pp. 329-330, **240**, **242**, **340**, pp. 183-184, **377**.
- Mercury.** Myponga, near Willunga, **256**, pp. 22, 25-26, **257**, p. 27.
- Mica.** Barossa Ranges, **251**, p. 20; near Williamstown, Hundred of Barossa, **93**, p. 356.  
[*See also Biotite, Roscoelite.*]
- Microcline.** Olary, **542**; Yelta and Parramatta Mines, Yorke Peninsula, **875A**, p. 9.
- Mirabilite.** Kapunda Mine, **339**, p. 175.
- Molybdenite.** Franklin Harbour, **171**, p. 82; Kurilla, near Wallaroo, **171**, p. 82; Mannum, **340**, p. 183; Moonta, **171**, p. 82; Wallaroo, **171**, p. 82, **311**; Yelta Mine, Yorke Peninsula, **90**, p. 10, **93**, p. 156, **171**, p. 82, **318D**, p. 11, **875A**, pp. 8, 17; Parramatta Mine, Yorke Peninsula, **875A**, pp. 8, 17.



- Monazite.** King's Bluff, near Olary, 15, pp. 127-129, 93, p. 362, 318D, pp. 10-11, 540, 544B, p. 296; Eleanor River, Kangaroo Island, 93, p. 362, 253, p. 15, 318D, pp. 10-11; Mount Painter, Flinders Range, 93, p. 362, 318, pp. 3, 7, 318D, pp. 10-11, 875B, pp. 28, 29, 30; Hundred of Para Wirra, 93, p. 362, 318D, pp. 10-11; "South Australia," 344, pp. 362, 364.
- Montmorillonite.** Mount Painter, Flinders Range, 318, p. 5.
- Mountain Cork.** [See Asbestos.]
- Mysorine (var. of Malachite).** Yudnamutana, 171, p. 91, 553, p. 228.
- Nitrates.** Elder Rock, near Paratoo, 93, pp. 341-342, 252, p. 15.
- Oil.** 856A, 875D.
- Olivine.** Mount Gambier, 553, p. 221, 595, p. 71, 776A, pp. 63-68.
- Opal, Precious.** Charley's Swamp, 30 miles S. of Boopeechee Siding, Hergott District, 89, p. 12, 93, p. 360; Innamincka, Cooper's Creek, 171, p. 77; Stuart Range, 70 miles W. of Anna Creek Station, 318E, p. 13; "Central Australia," 705.
- Orthoclase.** Angaston, 171, p. 80, 348; Mount Crawford, 336, p. 162. "Paratooite." Elder Rock, near Paratoo, 541.
- Penninite.** Beltana, 171, p. 81.
- Petroleum.** 856A, 875D.
- Phosgenite.** West side of Spencer Gulf, 171, p. 87, 553, p. 229.
- Phosphate Rock.** Hundred of Belvidere, near Kapunda, 89, p. 11, 93, pp. 337, 338, 341, 94, p. 23, 95, pp. 240-241, 572, pp. 8-9; Hundred of Bendleby, near Carrieton, 93, p. 340, 95, p. 241; Hundred of Bright, near Kooringa, 89, p. 11, 93, pp. 335-337, 95, p. 240, 572, pp. 7-8; Hundred of Clinton, Yorke Peninsula, 93, pp. 334-335, 95, pp. 239-240, 150, pp. 29-38, 343, p. 228, 572, pp. 5-6; Hundred of Cunningham, near Ardrossan, Yorke Peninsula, 89, p. 11, 95, pp. 241-242; Mannanarie, 94, p. 21; Hundred of Moorooroo, near Angaston, 93, pp. 340-341, 94, p. 23; Hundred of Noarlunga, 94, p. 24, 95, p. 242; Orroroo, Hundred of Walloway, 94, p. 21, 95, pp. 242-243; Hundred of Pekina, 94, p. 21; Hundred of Tarcowie, 94, p. 22; Hundred of Willunga, 94, p. 24, 95, p. 242; *general*, 90, p. 11, 94, pp. 24-25, 95, 150.
- Phosphate of Alumina.** Clinton, Yorke Peninsula, 93, p. 335, 343, p. 228; Hundred of Pekina, 94, p. 21.
- Pistomesite.** Balhannah Mine, Hundred of Onkaparinga, 170, p. 51, 171, p. 85, 553, p. 229.
- Pitchblende (?).** [See Uraninite.]
- Platinum.** Near Mingary, 334, p. 192.
- Pyromorphite.** West coast of Spencer Gulf, 171, p. 87, 553, p. 229.
- Pyroxene.** [See Augite, Wollastonite.]
- Quartz.** Great Gladstone Mine, near Port Augusta, 93, p. 58; Radium Ridge, near Mount Painter, Flinders Range, 77B, pp. 173-174; Mount Gee, Flinders Range, 77B, pp. 175-176.  
[See also Amethyst.]
- Radioactive Ores.** Moonta, 318, p. 12, 669; Mount Painter, Flinders Range, 256, p. 10, 257, p. 10, 318, pp. 3-7, 318A, p. 10, 318C, pp. 11-12, 875G, pp. 36-40; Radium Hill, near Olary, 256, p. 10, 257, pp. 10, 32, 317, pp. 33-34, 669A, 669B, 698, 875F, pp. 26-36.  
[See also Autunite, Carnotite, "Davidite," Gummite, Torbernite, Uraninite, Uranium Ochre, Uranophane.]



- Roscoelite** (?). Radium Hill, near Olary, 188, p. 280, 540.
- Rubellite**. Kangaroo Island [See *Tourmaline*]; Mount Painter, Flinders Range, 254, p. 8.
- Ruby**. Eleanor River, Kangaroo Island, 93, p. 362, 253, p. 15; Mount Crawford, 287, p. 128; Mount Painter, Flinders Range, 93, p. 359, 318, pp. 5, 6, 7.
- Rutile**. Balhannah, Hundred of Onkaparinga, 171, p. 82; Barossa Ranges, 238; Blumberg, Hundred of Talunga, 88, p. 11, 89, p. 12, 90, p. 10, 93, p. 356, 251, p. 20, 339, p. 175, 572, p. 77, 599; Collingrove, near Angaston, 170, p. 55, 171, p. 82; near Encounter Bay, 171, p. 82; Queenscliffe, Kangaroo Island, 340, p. 182; Lyndoch, 170, p. 55, 171, p. 82; Mount Gambier, 12; Mount Crawford, Hundred of Para Wirra, 89, p. 12, 90, p. 10, 170, p. 55, 171, p. 82; Mount Painter, Flinders Range, 238; Tanunda Creek, 170, p. 55, 171, p. 82; Umberatana, 238; Victor Harbour, 12; near Williamstown, 251, p. 20, 543, p. 144.
- Sapphire**. Eleanor River, Kangaroo Island, 93, p. 362, 253, p. 15; Mount Painter, Flinders Range, 93, p. 359, 318, pp. 5, 6, 7.  
[See also *Emerald, Oriental*.]
- "Sefströmite."** Radium Hill, near Olary, 188, p. 281.
- Selenium** (*in Bismuthinite*). Balhannah, Hundred of Onkaparinga, 690, p. 80.
- Serpentine**. [See *Chrysotile*.]
- Siderite**. Karkulto Mine, between Kapunda and Burra Burra, 170, pp. 51-52, 171, p. 85, 553, p. 231.
- Sillimanite**. Near Echunga, 339, p. 175.
- Silver**. Mitalie, near Cowell, Franklin Harbour, 399B, p. 35.
- Smaltite**. Bimbowrie, 93, p. 353; Nichol's Nob, near Mount Lyndhurst, 86, p. 181.
- Smithsonite**. Near Farina, 339, p. 175; Mount Fitton Mine, near Lake Frome, 93, p. 89.
- Sphene**. [See *Titanite*.]
- Staurolite**. Near Echunga, 339, p. 175; near Radium Hill, near Olary, 875F, p. 35, 875H.
- Stolzite**. Near the Luxemburg Mine, 17 miles E. of Olary, 542.
- Sulphur**. Bimbowrie, 339, p. 175; Echunga, 171, p. 73; Montacute Mine, Mount Lofty Ranges, 171, p. 73.
- Sulvanite**. Edelweiss Mine, Burra District, 93, p. 50, 241, 341, p. 69, 342, pp. 225-227, 572, p. 92.
- Talc**. Near Tumby Bay, Eyre Peninsula, 257, p. 42, 875G, pp. 34-36.  
*Tellurium* (*in Copper Ore*). Moonta, 719A, p. 28.
- Tetradymite**. Near Mount Rose, Leigh Creek, 342, p. 225.
- Titanite**. Mount Painter, Flinders Range, 544, p. 190; Moorilyanna Hill, S.E. of Musgrave Ranges, 399G, p. 17.
- Topaz**. Long Gully, Echunga, 256, p. 9; near Lake Eyre, 171, p. 80; near Williamstown, 543, p. 143.
- Torbernite**. Mount Painter, Flinders Range, 77B, p. 174, 318, pp. 3, 4, 875B, pp. 28, 29, 30, 31, 875G, p. 37; Radium Hill, near Olary, 875F, p. 27; Yeldulknie, near Cleve, 399B, p. 38, 875B, p. 28, 875C, p. 6.

- Tourmaline.** Encounter Bay, 780, p. 305; Hundred of Dudley, Kangaroo Island, 6, 88, p. 12, 89, p. 12, 90, p. 12, 93, pp. 360-361, 465A, p. 954; Mount Lofty, 387, pp. 259-260; Mount Painter, Flinders Range, 254, p. 8.
- Tscheffkinite (?)**. Radium Hill, near Olary, 188, p. 281.
- Turquoise.** Mount Painter, Flinders Range, 875B, pp. 29, 31, 32.
- Ullmannite.** Near Farina, 86, p. 181; near Mount Lyndhurst, 84, p. 33, 86, p. 181, 170, pp. 55-56, 171, p. 87, 287, p. 125.
- Uraninite (?)**. Radium Hill, near Olary, 875F, p. 27.
- Uranium Ochre.** Mount Painter, Flinders Range, 318, p. 4, 875B, pp. 28, 30.
- Uranophane.** Mount Painter, Flinders Range, 77B, p. 174, 318, pp. 3, 4, 875B, pp. 28, 30.
- Vanadium (in ore).** Edelweiss Mine, Burra District, 318D, p. 31.
- Vanadium Ochre.** Beltana, 443A, p. 46; Leigh Creek District (Paull's Consolidated, Gow's, Mt. Burr Mine, &c.), 89, p. 12, 93, pp. 87, 117, 362-363, 567, p. 185.
- Vivianite.** Angaston, 171, p. 86.
- Wernernite.** Block 4, Hundred of Miltalie, Co. Jervois, 399E, p. 16; near Mount Paynton (? Mount Painter), 343, p. 227.
- Wolframite.** Callawonga Creek, near Yankalilla, 257, p. 26.
- Wollastonite.** Tumby Bay, Eyre Peninsula, 542, p. 124.
- Wulfenite.** Avondale Mine, near Farina, 84, p. 34, 334, p. 193, 348, 553, p. 232; Mount Lyndhurst, 553, p. 232; Leigh Creek, 15, p. 127.  
[All these localities are in the Leigh Creek district, and there may be but one occurrence.]
- Zircon.** Jupiter Creek, Bigg's Flat near Echunga, 339, p. 175; Queenscliffe, Kangaroo Island, 340, p. 182; South Australia, 508, pp. 356-357, 377-378, 711, pp. 56-57.

## LOCALITY INDEX.

- ADAMS, Hundred of, Flinders Range. Asbestos (Crocidolite).  
"ADELAIDE, near." Beryl, Bismuth, Chrysocolla.
- ALBEGUDINA CREEK, Bimbowrie. Beryl.
- ALDINGA, Co. Adelaide. Glauconite.
- ANGASTON, Co. Light. Iceland Spar, Orthoclase, Phosphate Rock, Rutile, Vivianite.
- ANNA CREEK STATION, 70 miles west of. Opal.
- APPEALINNA MINE, near Hawker, Co. Blachford. Copper, Diopside.
- ARKABA, Hundred of, near Hawker, Co. Blachford. Asbestos (Crocidolite).
- ARMAGH, near Clare, Co. Stanley. Aragonite.
- AVONDALE MINE, near Farina, Leigh Creek. Wulfenite.
- BALHANNAH, Co. Adelaide. Bismuth, Bismuthinite, Pistomesite, Rutile, Selenium.
- BAROSSA, Co. Adelaide. Beryl, Epidote, Mica, Rutile.
- BELTANA. Atacamite, Chalcocite, Copper, Cuprite, Embolite, Penninite, Vanadium Ochre.
- BELVIDERE, Hundred of, Co. Light. Phosphate Rock.
- BELVIDERE RANGE. Graphite.



- BENDLEBY, Co. Grenville. Phosphate Rock.  
 BIGG'S FLAT, near Echunga. Zircon.  
 BIMBA HILL, Bimbowrie. "Cerulene," Erythrite.  
 BIMBOWRIE. Atacamite, Beryl, "Cerulene," Chiasolite, Cobaltite, Erythrite, "Howdenite," Ilvaite, Smaltite, Sulphur.  
 BLINMAN, Co. Taunton. Annabergite, Aragonite, Atacamite, Barite, Cobaltite, Copper, Erythrite, Gersdorffite.  
 BLUMBERG, Hundred of Talunga, Co. Adelaide. Rutile.  
 BOOLCOOMATA, near Broken Hill, N. S. Wales. Beryl, Columbite.  
 BOOPEECHEE SIDING, Hergott District. Opal.  
 BRIGHT, HUNDRED OF, Co. Burra. Asbestos, Phosphate Rock.  
 BUCKINGHAM (? Co. Buckingham). Graphite.  
 BURRA BURRA. Atacamite, Azurite, Chrysocolla, Copper, Copper Nugget, Cuprite, Malachite, Martite, Siderite.  
 BURRA DISTRICT. *Vanadium*.  
 CALLAWONGA CREEK, near Yankalilla, Co. Hindmarsh. Wolframite.  
 CARRICKALINGA HEAD, Myponga, Co. Hindmarsh. Alunite.  
 CARRIETOWN, near, Co. Dalhousie. Phosphate Rock.  
 "CENTRAL AUSTRALIA." Opal.  
 CHARLEY'S SWAMP, near Boopiechee Siding, Hergott District. Opal.  
 CLARE, Co. Stanley. Aragonite.  
 CLEVE, near, Co. Jervois. Graphite, Torbernite.  
 CLINTON, Co. Daly. *Aluminium Phosphate*, Phosphate Rock.  
 COGLIN, Hundred of, Co. Herbert. Jarosite.  
 COLLINGROVE, near Angaston. Rutile.  
 COOPER'S CREEK. Opal.  
 COORONG, Murray River Mouth. Coorongite.  
 COWELL, near, Franklin Harbour, Co. Jervois. Cerargyrite, Embolite, Silver.  
 CUNNINGHAM, HUNDRED OF, near Ardrossan, Yorke Peninsula. Phosphate Rock.  
 DAW'S DIGGINGS, Eleanor River, Kangaroo Island. Monazite.  
 DENISON RANGE, near Oodnadatta. Coquimbite.  
 DUDLEY, Hundred of, Kangaroo Island. Tourmaline.  
 ECHUNGA, near, Cos. Adelaide and Hindmarsh. Fibrolite, Sillimanite, Staurolite, Sulphur, Topaz, Zircon.  
 ECHUNGA GOLD FIELD. Atacamite, Diamond.  
 EDELWEISS MINE, Burra District. Sulvanite, *Vanadium*.  
 EDIACARA MINE, near Beltana. Chalcocite, Embolite.  
 ELEANOR RIVER, Kangaroo Island. Cyanite, Monazite, Ruby, Sapphire.  
 ELDER ROCK, near Paratoo, Co. Herbert. Nitrates, "Paratooite."  
 ENCOUNTER BAY, near, Co. Hindmarsh. Rutile, Tourmaline.  
 EYRE PENINSULA. Asphaltum, Cerargyrite, Chrysotile, Embolite, Magnesite, Silver, Talc, Torbernite, Wernerite, Wollastonite.  
 FARINA, near Leigh Creek. Smithsonite, Ullmannite, Wulfenite.  
 FAR NORTH RANGES. Epidote.  
 FINNISS SPRINGS, near Lake Eyre. Carphosiderite.

- FLINDERS RANGE. Amethyst, Anglesite, Asbestos (Crocidolite), Autunite, Carnotite, Columbite, Corundum, Oriental Emerald, Fergusonite, Gummite, Iolite, Monazite, Montmorillonite, Quartz, Radioactive Ores, Rubellite, Ruby, Rutile, Sapphire, Titanite, Torbernite, Tourmaline, Turquoise, Uranium Ochre, Uranophane.
- FRANKLIN HARBOUR, near, Co. Jervois. Cerargyrite, Embolite, Graphite, Iceland Spar, Magnesite, Molybdenite, Silver.
- FREELING HEIGHTS, near Yudanamutana. Bismuthinite, Bismutite.
- GILLS BLUFF, Mount Lyndhurst, near Leigh Creek. Annabergite.
- "GLEN BAR MINE." Erythrite.
- GLENELG, near. Gypsum.
- GLEN OSMOND, Co. Adelaide. Cerussite.
- GORDON REWARD CLAIM, near Williamstown. Chrysoberyl.
- GOW'S MINE, Leigh Creek District. Vanadium Ochre.
- GREAT GLADSTONE MINE, near Port Augusta. Quartz.
- GREAT NORTHERN MINE, near Blinman, Co. Taunton. Copper.
- GYPSUM HILL, near Railway Line, 108 miles N. of Port Lincoln. Gypsum.
- HALLETT'S COVE, Co. Adelaide. Barite-sand Crystals.
- HAWKER, Co. Blachford. Ammonia Alum, Asbestos (Crocidolite), Copper, Diopside.
- HINDMARSH VALLEY, Co. Hindmarsh. Ferberite, Limonite.
- INNAMINCKA, Cooper's Creek. Opal.
- JUPITER CREEK, near Echunga. Zircon.
- KANGAROO ISLAND. Alunite, Asphaltum, Cyanite, Garnet, Gypsum, Indicolite, Monazite, Rubellite, Ruby, Rutile, Sapphire, Tourmaline, Zircon.
- KANMANTOO, Co. Sturt. Garnet.
- KAPUNDA, Co. Light. Azurite, Cerargyrite, Copper, Iceland Spar, Mirabilite, Phosphate Rock, Siderite.
- KARKULTA MINE, near Burra Burra. Siderite.
- KING'S BLUFF, near Olary. Monazite.
- KOORINGA, Co. Burra. Hematite, Phosphate Rock.
- KURILLA MINE, near Wallaroo. Apatite, Chrysocolla, Molybdenite.
- LAKE EYRE, near. Carphosiderite, Limonite, Topaz.
- LAKE FROME, near. Allochroite (Andradite).
- LAKE GREENLY, Kangaroo Island. Gypsum.
- LEIGH CREEK. Melonite, Tetradymite, Vanadium Ochre, Wulfenite.
- LONG GULLY, Echunga, Cos. Adelaide and Hindmarsh. Topaz.
- LUXEMBURG MINE, near Olary. Stolzite.
- LYNDOCH, Co. Adelaide. Calcite, Rutile.
- MANNAHILL, near. Cobaltite.
- MANNANARIE, Co. Dalhousie. Phosphate Rock.
- MANNUM, Co. Sturt. Molybdenite.
- MERN MERNA, 20 miles N. of Hawker, Co. Blachford. Ammonia Alum.
- MIDDLEBACK RANGE, Co. York. Gypsum.
- MILTALIE, near Cowell, Co. Jervois, Eyre Peninsula. Cerargyrite, Embolite, Silver, Wernerite.
- MINGARY, near Cockburn. Cyanite, Platinum.



- MOCKRA TOWER, Co. Newcastle. Atacamite.
- MONARTO, Co. Sturt. Lapis-lazuli.
- MONTACUTE MINE, Mount Lofty Ranges. Sulphur.
- MOONTA. **875E**, pp. 6-8; Atacamite, Azurite, Bornite, Chalcocite, Chalcopyrite, Copper, Cuprite, Molybdenite, Radioactive Ore, *Tellurium*.
- MOORILYANNA HILL, south-east of the Musgrave Ranges. Epidote, Hornblende, Titanite.
- MOOROORO, near Angaston, Co. Light. Phosphate Rock.
- MOUNT BABBAGE, Flinders Range. Columbite.
- MOUNT BURR MINE, Leigh Creek District. Vanadium Ochre.
- MOUNT CHARLES, Co. Adelaide. Graphite.
- MOUNT CRAWFORD, Co. Adelaide. Beryl, Chrysotile, Orthoclase, Ruby, Rutile.
- MOUNT FITTON MINE, near Lake Frome. Smithsonite.
- MOUNT GAMBIER, Co. Grey. Olivine, Rutile.
- MOUNT GEE, Flinders Range. Quartz.
- MOUNT GRAINGER GOLD FIELD, 7 miles north of Oodlawirra. Asbestos.
- "MOUNT GREENOCK." Beryl.
- MOUNT KINGSTON, near Peake River, W. of Lake Eyre. Diamond.
- MOUNT LOFTY RANGES. Beryl, Chiastolite, Magnetite, Martite, Sulphur, Tourmaline.
- MOUNT LYNDBURST, Leigh Creek. Annabergite, Atacamite, Cuprite, Erythrite, Gersdorffite, Smaltite, Ullmannite, Wulfenite.
- MOUNT MARGARET, Denison Range, near Oodnadatta. Coquimbite.
- MOUNT OGILVIE, near Farina, Leigh Creek. Annabergite, Chloanthite, Cobaltite, Gersdorffite, Gold.
- MOUNT PAINTER, Flinders Range. **875B**, pp. 27-33; Amethyst, Apatite, Autunite, Carnotite, Cordierite, Corundum, Oriental Emerald, Fergusonite, Gummite, Monazite, Montmorillonite, Quartz, Radioactive Ores, Rubellite, Ruby, Rutile, Sapphire, Titanite, Torbernite, Tourmaline, Turquoise, Uranophane, Uranium Ochre, Wemerite (?).
- MOUNT PAYNTON (? Mount Painter). Wemerite.
- MOUNT PITT, Flinders Range. Corundum.
- MOUNT REMARKABLE, Co. Frome. Copper, Cuprite, Emerald (?).
- MOUNT ROSE, near Leigh Creek. Tetradymite.
- MOUNT TORRENS, Co. Adelaide. Graphite.
- MULGA HILL, near Olary. Felspar.
- MURNINIE, 64 miles south of Port Augusta. Bismuth.
- MURRAY RIVER BASIN. Glauconite.
- MUTOORO. Atacamite, Cuprite.
- MYPONGA, near Willunga, Co. Hindmarsh. Alunite, Calcite, Mercury.
- NAPPERBY, Hundred of, Co. Victoria. Alunite.
- NETLEY, west of Co. Herbert. Guano.
- NICHOL'S NOB, near Mount Lyndhurst, Leigh Creek. Erythrite, Gersdorffite, Smaltite.
- NEW MECKLENBURG, near Lyndoch, Co. Adelaide. Calcite.
- NOARLUNGA, Hundred of, Co. Adelaide. Phosphate Rock.

- NUCCALEENA MINE, near Blinman, Co. Taunton. Atacamite.
- NULLARBOR PLAINS. Glauconite.
- NURIOOTPA, Co. Light. Cyanite.
- OLARY. 540; *Actinium*, Amazonstone, Autunite, Carnotite, "Davidite," Felspar, Gummite, Ilmenite, *Ionium*, Monazite, Roscoelite (?), Radio-active Ores, "Sefströmite," Staurolite, Stolzite, Torbernite, Tscheffkinite, (?), Uraninite (?).
- ONKAPARINGA, Co. Adelaide. Bismuth, Bismuthinite, Pistomesite, Rutile.
- ONKAPARINGA MINE, Echunga Gold Field. Atacamite.
- OODLAWIRRA, Co. Herbert. Asbestos.
- ORATAN ROCK, near Netley, west of Co. Herbert. Guano.
- ORATUNGA MINE, Co. Taunton. Aragonite, Malachite.
- ORRAPARINNA STATION, near. Crocidolite.
- ORROROO, Co. Dalhousie. Phosphate Rock.
- PARATOO, Co. Herbert. Nitrates, "Paratooite."
- PARA WIRRA, Co. Adelaide. Monazite, Rutile.
- PARINGA, Mount Lofty Ranges. Chiastolite.
- PARRAMATTA MINE, Yorke Peninsula. Atacamite, Biotite, Fluorite, Microcline, Molybdenite.
- PATAWALONGA CREEK, near Glenelg. Gypsum.
- PAUL'S CONSOLIDATED MINE, Leigh Creek District. Vanadium Ochre.
- PEAKE RIVER, W. of Lake Eyre. Diamond.
- PEKINA, Co. Dalhousie. *Aluminium Phosphate*, Phosphate Rock.
- POINT ELLEN, Vivonne Bay, Kangaroo Island. Garnet.
- PORT AUGUSTA, near, Co. Frome. Bismuth, Cuprite, Malachite, Quartz.
- PORT LINCOLN, near, Co. Flinders. Graphite.
- QUEENSLIFFE, Kangaroo Island. Rutile, Zircon.
- RADIUM HILL, near Olary. *Actinium*, Autunite, Carnotite, "Davidite," Felspar, Gummite, Ilmenite, *Ionium*, Radio-active Ores, Roscoelite (?), "Sefstromite," Staurolite, Tscheffkinite (?), Uraninite (?).
- RADIUM RIDGE, Mount Painter, Flinders Range. Amethyst, Quartz.
- RHONDDA MINE, near Port Augusta, Co. Frome. Cuprite, Malachite.
- ROBERTSTOWN, Co. Eyre. Asbestos.
- ROSETTA HEAD, Co. Hindmarsh. Axinite.
- RUEDEGER'S ASBESTOS SHOW, near Eudunda, Co. Eyre. Asbestos (Crocidolite).
- SAILOR'S GULLY, near Gawler, Co. Gawler. Asbestos (Mountain Cork).
- SLEAFORD BAY, Co. Flinders. Chloritoid.
- SLEAFORD, Hundred of, Co. Flinders. Graphite.
- SLIDING ROCK MINE, near Beltana. Copper, Cuprite.
- SPENCER GULF AREA. Graphite, Phosgenite, Pyromorphite.
- SPRING CREEK MINE, Mount Remarkable, Co. Frome. Copper, Cuprite.
- STRATHALBYN MINE, near Strathalbyn, Co. Hindmarsh. Cerussite.
- STUART RANGE, 70 miles west of Anna Creek Station. Opal.
- TALUNGA, Hundred of. Rutile.
- TANUNDA CREEK, Co. Light. Rutile.
- TARROWIE, Hundred of, Co. Dalhousie. Phosphate Rock.
- TEATREE GULLY, Co. Adelaide. Kaolin.
- TEETULPA, Co. Lytton. Gold, Gold Nugget.
- TOMKINSON RANGES. Augite.



- TUMBY BAY, Co Flinders, Eyre Peninsula. Chrysotile, Magnesite, Tale, Wollastonite.
- UMBERATANA. Felspar, Rutile.
- VICTOR HARBOUR [PORT VICTOR], Co. Hindmarsh. Rutile.
- VIVONNE BAY, Kangaroo Island. Garnet.
- WALLAROO, Co. Daly. Ankerite, Apatite, Aragonite, Atacamite, Calcite, Celestite, Chalcopryrite, Chrysocolla, Copper, Cuprite, Halloysite, Kaolin, Malachite, Molybdenite.
- WALLOWAY, Hundred of, Co. Dalhousie. Phosphate Rock.
- WARROW, Co. Flinders. Graphite.
- WILLIAMSTOWN, Co. Adelaide. Beryl, Chrysoberyl, Corundum, Mica, Rutile, Topaz.
- WILLUNGA, near, Co. Adelaide. Calcite, Mercury, Phosphate Rock.
- WILPENA POUND, Flinders Range. Anglesite.
- WIRRAWILKA MINE, near Hawker, Co. Blachford. Crocidolite.
- WIRRIALPA, near Blinman, Co. Taunton. Chalcanthite.
- WOOLTANA, Far North Ranges. Epidote.
- WOOLTANA RUN, near Lake Frome. Allochroite (Andradite).
- WORTURPA, near Leigh Creek. Melonite.
- YANKALILLA, Co. Hindmarsh. Wolframite.
- YELDULKNIE, near Cleve, Co. Jervois. Autunite, Torbernite.
- YELTA MINE, Yorke Peninsula. Biotite, Microcline, Molybdenite.
- YORKE PENINSULA. *Aluminium Phosphate*, Atacamite, Biotite, Chert, Copundum, Fluorite, Gypsum, Microcline, Molybdenite, Phosphate Rock.
- YUDANAMUTANA. Bismuthinite, Bismutite, Malachite (Mysorine).

## WESTERN AUSTRALIA.

## GENERAL PAPERS.

- LARCOMBE (C. O. G.). The Geology of Kalgoorlie (Mineralogy, pp. 139-201). *Procs. Austr. Inst. Min. Engin.*, v, 1910, pp. 1-312.
- MAITLAND (A. G.). Bibliography of the Geology of Western Australia. *Bull. Geol. Surv. W. Austr.*, 1, 1898.
- The Mineral Wealth of Western Australia. *Ibid.*, 4, 1900.
- MAITLAND (A. G.), and JACKSON (C. F. V.). The Mineral Production of Western Australia up to the end of the year 1903. *Ibid.*, 16, 1904.
- SIMPSON (E. S.). Census of Minerals of Western Australia. *Ibid.*, 4, 1900, pp. 144-149.
- Supplement to the Census of Minerals of Western Australia. *Ibid.*, 6, 1902, pp. 86-89.
- Minerals of Economic Value. *Ibid.*, 19, 1905.
- Census of Minerals of Western Australia. *Guide to the Western Australian Museum*, Part VI, 1912, pp. 17-36.
- The Rare Metals and their Distribution in Western Australia. *Journ. Nat. Hist. and Sci. Soc. W. Austr.*, iv, 1912, pp. 83-108.
- SIMPSON (E. S.), and GIBSON (C. G.). The Distribution and Occurrence of the Baser Metals in Western Australia. *Bull. Geol. Surv. W. Austr.*, 30, 1907.
- Contributions to the Study of the Geology and Ore Deposits of Kalgoorlie, East Coolgardie Goldfield, Part I. *Ibid.*, 42, 1912.
- SPENCER (L. J.). Mineralogical Notes on Western Australian Tellurides, &c. *Min. Mag.*, xiii, 1903, pp. 268-290.
- THOMSON (J. A.). The Tellurides of Kalgoorlie. *Monthly Journ. Chamber of Mines, Western Austr.*, 30th Sept., 1912.
- WOODWARD (H. P.). Mining Handbook to the Colony of Western Australia, pp. 34-57 (Perth, 1896).
- Mineral Census, Phillips River Goldfield, *Bull. Geol. Surv. W. Austr.*, 35, 1909, pp. 46-47.

## SUBJECT INDEX

(G. F. = Gold Field).

- Actinolite (Asbestos).** Phillips River District, **738**, p. 46.
- Albite.** Kalgoorlie, **469A**, p. 179, **475**, p. 539; Ravensthorpe, Phillips River G. F., **738**, pp. 22, 46.
- Allanite.** Simon's Hill, Fraser Range, near Balladonia, Eucla Division, **327**, p. 23, **737**, p. 17, **744C**, p. 94; Kalgoorlie, **744D**, p. 134; Marble Bar, Pilbara G. F., **908**, p. 332.
- Altaite.** Kalgoorlie, **464**, **469A**, p. 153, **744D**, pp. 93-94, **776**, p. 278, **806A**; Augusta Gold Mining Lease, Laverton, Mount Margaret G. F., **324**, p. 22.
- Amalgam.** Kalgoorlie, **385**, p. 760, **646**, p. 204, **724**, p. 144, **744D**, p. 87.
- Amazonstone.** Cape Arid, Eucla District, **736**, p. 12.
- Amblygonite.** Ravensthorpe, Phillips River G. F., **742**, p. 10, **744C**, p. 89; Ubini, Coolgardie District, **63C**, pp. 17-19, **741**, **744C**, p. 89.



- Andalusite.** Ravensthorpe, Phillips River G. F., 738, p. 25; Sunset Mine, Phillips River District, 738, p. 25; South Yilgarn, Central Division, 744M, p. 34.
- Andradite.** Cooglegong, Pilbara G. F., 739, p. 9.
- Ankerite.** Kalgoorlie, 744D, pp. 124-127; Kanowna, N. E. Coolgardie G. F., 63A, pp. 96-98.
- Anomite.** Ubini, Coolgardie District, 744H.
- Apatite** (*replacing coniferous wood*). Dandarragan, 744B, pp. 33-37.
- Arsenopyrite.** Bayley's United Mine, Coolgardie, 463, p. 215, 527, p. 11; Kalgoorlie, 744d, pp. 101-102.
- Asbestos.** Kalgoorlie, 329, p. 25, 744D, p. 122; Marble Bar, 534A, pp. 394-396; Ora Banda, Broad Arrow G. F., 446D, p. 51; Phillips River District, 738, p. 46; near Cooglegong, Pilbara G. F., 63B, pp. 120-121; Soanesville, Pilbarra G. F., 63B, pp. 30-54; near Tambourah, Pilbara G. F., 526, pp. 101-102, 527, p. 83, 529, p. 86, 722, pp. 52-53, 733, p. 28.
- Asbolite.** Kalgoorlie, 744D, p. 122; Kanowna, N. E., Coolgardie G. F., 527, p. 72; Norseman, Dundas G. F., 527, p. 72.
- Asphaltum.** South Coast, 744 L.
- Atacamite.** Phillips River District, 738, p. 46; Water Point, Kimberley Division, 744M, p. 33.
- Axinite.** Kalgoorlie, 744D, p. 134.
- Barite.** Breen's Camp, North Pole, N.W. Division, 63B, p. 29; Cardup Brook, near Fremantle, 742, p. 10.
- Beryl.** Greenbushes, 739, p. 9, 744C, p. 90; Poona, Murchison District, 739, p. 9, 744E, 907B, pp. 59-65; Ravensthorpe, Phillips River G. F., 739, p. 9, 744C, p. 90.
- Biotite** (*lithia-bearing*). Ubini, Coolgardie District, 744C, p. 89.
- Bismuth.** Burbanks, Coolgardie G. F., 527, p. 11, 727, p. 19; Dundas, 527, p. 11; Lawlers, 527, p. 11, 727, p. 19; Londonderry, Coolgardie G. F., 721, p. 48; Yalgoo, 527, p. 11, 727, p. 19.
- Bitumen.** Albany Harbour, 733, p. 28; Weld Range, Murchison G. F., 321, p. 79, 732, p. 21.
- Blende.** [*See Sphalerite.*]
- Bournonite** (?). Kalgoorlie, 527, p. 11, 744D, p. 110.
- Brochantite.** Water Point, Kimberley Division, 744M, p. 33.
- Cadmium** (*in Sphalerite*). Nooka Mine, Northampton, 727, p. 40, 744C, p. 91.
- Calamine** (*Hemimorphite*). Lennon's Find, Mount Edgar, N. W. District, 736, p. 13.
- Calaverite.** Kalgoorlie, 147, 331, p. 163, 462, 463, 464, 469A, pp. 147-149, 190-192, 475, p. 534, 479A, p. 814, 519, 526, p. 64, 561, p. 20, 645, 646, 700, 702, p. 711, 721, pp. 46, 47, 48, 727, pp. 15-16, 744D, pp. 106-108, 776, pp. 270-271, 806A; Mulgabbie, North Coolgardie, 417, pp. 28-30, 730, p. 30, Victorious Mine, Ora Banda, Broad Arrow G.F., 446D, pp. 73-74, 744J, p. 9.
- Calcio-tantalite.** Mount York, near Wodgina, Pilbara G. F., 529, p. 68; Wodgina, Pilbarra G. F., 529, pp. 68, 71, 734, pp. 109, 110, 735, pp. 451-452.
- Calcite.** Kalgoorlie, 702, p. 717, 744D, pp. 122-124, 776, p. 280.

- Cassiterite.** Cooglegong, Pilbara G. F., **734**, pp. 54-55; Kapanga Mine, Greenbushes, **301D**; Greenbushes, **290**, p. 416 (*containing Scandium*), **464**, **734**, pp. 61-76, **740**, p. 315, **744C**, p. 102 (*containing Tantalum*), **856**, **905**, pp. 10-13; Moolyella, **734**, pp. 50-54; Marble Bar, Pilbara G. F., **908**; Wodgina, Pilbara G. F., **734**, pp. 56-60.
- Cerargyrite.** Kalgoorlie, **469A**, p. 177, **592A**, p. 180, **645**, **744D**, pp. 111-112, **806A**; North Pole, Pilbara G. F., **739**, p. 9; Red Hill, Coolgardie G. F., **727**, p. 26.
- Cervantite.** Wellington Prospecting Area, near Morning Star Mine, Mt. Magnet, Murchison G. F., **446E**, p. 96.
- Chalecopyrite.** Kalgoorlie, **744D**, pp. 98-99.
- Chloritoid.** Yampi, Kimberley Division, **744K**, **744M**, p. 34.
- Chloropal.** Southern Cross, **708B**, p. 148.
- Chondrodite.** Near Trigonometrical Station K. 31, Gascoyne River, **806**, pp. 130, 156-157.
- Chrome Ochre.** Edna May Central Mine, Westonia, S.W. Division **744M**, p. 33.
- Chrysocolla.** Gabanintha, Murchison G. F., **321**, pp. 47-48; Igarere and Wonyulgunna, N.W. Division, **744J**, p. 9; Murchison District, **730**, p. 27.
- Chrysotile.** Near Cooglegong, Pilbara G. F., **63B**, pp. 120-121; Soanesville, Pilbara G. F., **63B**, pp. 30-54; Marble Bar, **534A**, pp. 394-396; near Tambourah, Pilbara G. F., **526**, pp. 101-102, **527**, p. 83, **529**, p. 86, **722**, pp. 52-53, **733**, p. 28.
- Cinnabar (?)**. Kalgoorlie, **744D**, p. 98.
- "Cobalto-calcite."** Glenroebourne, Roebourne District, Pilbara G. F. **63B**, pp. 84-85.
- Cobaltite.** Kundip, Phillips River G. F., **739**, p. 15.
- Coloradoite.** Kalgoorlie, **462**, **463**, **464**, **469A**, pp. 152-153, **475**, p. 534, **479A**, p. 814, **526**, p. 64, **645**, **700**, **701**, p. 495, **702**, p. 715, **721**, pp. 46, 47, 48, **722**, p. 57, **727**, pp. 27-28, **744D**, pp. 95-98, **776**, pp. 274-278, **806A**.
- Columbite.** Coodardy, Murchison G. F., **907B**, pp. 51-52; Green's Well (Mount York), near Wodgina, Pilbara G. F., **744C**, p. 101; Thelemann's Find, near Lalla Rookh, Pilbara G. F., **735**, p. 446, **744C**, p. 101; Lake Monger District, **744C**, p. 102; Londonderry, Coolgardie G. F., **739**, p. 27.
- Columbite-tantalite.** Green's Well, near Wodgina, Pilbara G. F., **734**, p. 108, **735**, p. 447.  
[See also **Mangano-Columbite**.]
- "Coolgardite."** Kalgoorlie, **147**, **464**, **469A**, pp. 153-154, **726**, p. 7, **727**, p. 18, **744D**, pp. 92-93, **776**, p. 282, **806A**.
- Copiapite.** Glen Ross, Upper Ashburton, **739**, p. 9, **744I**, p. 106.
- Copper Phosphate (Tagilite).** Jingemia Cave, Watheroo, near Yarra Yarra Lakes, S. W. District, **736**, p. 12.
- Copper Telluride.** [See **Rickardite**.]
- Corundum.** 40 miles west of Mount Magnet, Murchison G. F., **301**, p. 10.
- Crocidolite.** Bardoe, Broad Arrow G. F., **721**, p. 49; Yarra Yarra Creek, Murchison District, **465**, p. 856, **465A**, p. 957, **527**, p. 79, **730**, p. 27, **732**, p. 21.
- Crocoite.** Comet Vale, North Coolgardie G. F., **734**, p. 78; Menzies, North Coolgardie G. F., **701**, p. 494, **724**, p. 145.



- Cyanite.** Donnelly River, **744J**, p. 10; Greenbushes, **905**, p. 22; Londonderry, Coolgardie G. F., **724**, p. 146.
- Diamond.** Fremantle, **638**; Nullagine, Pilbara G. F., **355**, **456A**, **528**, pp. 51-52, **529**, p. 85.
- Diatomite.** Cape Arid, Eucla District, **733**, p. 28; Dongara, Irwin River Valley, **743**, p. 97; Grasmere, near Albany, **743**, p. 97; Jandakot District, near Fremantle, **730**, p. 29, **743**, p. 96; Wanneroo District, near Perth (Lakes Gnaragara, Jandabup, &c.), **729**, p. 8, **730**, pp. 28, 29, **743**, p. 96.
- Dolomite.** Goongarrie, North Coolgardie G. F., **727**, p. 59; Kalgoorlie, **702**, p. 709, **744D**, pp. 124-127, **776**, pp. 280-281; Norseman, Dundas G. F., **102**, p. 37.
- Dufrenite** (*replacing coniferous wood*). Dandarragan, **744B**, pp. 33-37.
- Electrum.** Donnybrook, **726**, p. 7, **727**, p. 26.
- Emerald.** Poonah, Murchison District, **301B**, **744E**, **907B**, pp. 59-65.
- Emmonsite.** Kalgoorlie, **721**, p. 46, **728**, p. 87, **744d**, p. 150, **776**, p. 282.
- Enargite** (? **Tetrahedrite**). Kalgoorlie, **463**, p. 215, **469A**, pp. 166-168, **726**, p. 7, **727**, p. 19, **744D**, pp. 109-111, **776**, p. 280.
- Enstatite.** Mount Desmond Mine, Ravensthorpe, Phillips River G. F., **738**, p. 28.
- Erythrite.** Alice Mary Mine, Kundip, Phillips River G. F., **737**, p. 17, **738**, p. 47, **739**, p. 15; Carlow Castle Mine, Roebourne, West Pilbara G. F., **737**, p. 17; Cave Hill Mine, Waverley, Broad Arrow G. F., **737**, p. 17.
- Euxenite.** Cooglegong, Pilbara G. F., **222**, p. 289, **537**, p. 387, **735**, p. 446, **737**, p. 17, **740**, pp. 312-313, **744C**, pp. 101-103, **883**.
- Fahlerz.** [*See Tetrahedrite.*]
- Felspar.** Kalgoorlie, **703B**.  
[*See Albite, Microcline, Microcline-Micropertthite, Orthoclase.*]
- Fergusonite.** Cooglegong, Pilbara G. F., **737**, p. 17, **740**, pp. 311-312, **742**, p. 9, **744C**, pp. 101, 103, **744G**, p. 10.
- Fluorite.** Kalgoorlie, **726**, p. 7, **744D**, p. 112.
- Fuchsite.** Kalgoorlie, **301C**, pp. 76-77, **329**, pp. 27-28, **475**, p. 535, **725**, p. 32, **744D**, pp. 47, 138-139; Kanowna, N.E. Coolgardie G. F., **63A**, pp. 48, 49, 66, 67, 92, 94; Lennonville, Murchison G. F., **446E**, p. 96; Ingliston Extended Mine, Meekatharra, Murchison G. F., **301A**, pp. 79, 80, 81, 87, 89; Phillips River, **738**, p. 46; Sherlock Station, W. Pilbara G. F., **530**, p. 116; St. George Mine, Mt. Magnet, Murchison G. F., **446E**, p. 96.
- Gadolinite.** Cooglegong, Pilbara G. F., **222**, **344**, pp. 360, 362, 364, **529**, p. 75, **537**, pp. 387, 388, **725**, p. 32, **727**, p. 43, **730**, p. 27, **735**, p. 446, **744C**, pp. 90-91; Lake Moore, Ninghan District, **744C**, p. 90.
- Gahnite.** Greenbushes, **905**, p. 21.
- Galena.** Baddera Mine, Northampton, **301B**.
- Gallium** (*in Mica Schist*). Greenbushes, **290**, p. 407.
- Garnet.** Uaroo, Ashburton G. F., **527**, p. 79, **730**, p. 27; Lake Polaris, Southern Cross, **708B**, p. 25; Southern Cross (*in rocks*), **708B**, pp. 51, 52, 53, 81-83.  
[*See also Andradite, Grossularite.*]
- Germanium** (*in Stibio-tantalite*). Greenbushes, **744C**, p. 98.
- Glaucophane** (?). Kimberley, **301**, p. 10.



- Gold.** Bulong, N.E. Coolgardie G.F., **727**, p. 10; Donnybrook, **58**, **294**, **727**, p. 10; Kalgoorlie, **384**, pp. 188-189, **385**, **464**, **469A**, pp. 143-145, **592A**, p. 176, **645**, **701**, p. 495, **719A**, pp. 24, 29-30, **727**, p. 10, **744D**, pp. 81-87, **776**, pp. 278-280; Kanowna, N.E. Coolgardie G. F., **63**, p. 43, **592A**, pp. 176-177, **631**, p. 25, **727**, pp. 9-10; Mount Monger, N.E. Coolgardie, **730**, p. 30; Paddington Deep Lead, **592A**, p. 176; Red Hill, Coolgardie G. F. **727**, p. 10; *general*, **331**, **385**, **727**, pp. 8-14.
- Nuggets.* Coolgardie, **504**; *general*, **504**, **727**, pp. 11-14, **730**, p. 30.
- Gold Amalgam (?)**. Kalgoorlie, **744D**, p. 87.
- Goldschmidtite (= Sylvanite, *q.v.*)**. Kalgoorlie, **744D**, p. 106.
- Graphite.** Champion Bay, Victoria District, **526**, p. 124; Donnelly River, Nelson District, **526**, pp. 124-125, **727**, pp. 55-56, **732**, pp. 21-22, **902**; Kalgoorlie, **744D**, p. 80; Kendenup, Hay District, S.W., **526**, p. 124; Mounts Brook, S.W., **727**, p. 56; Northampton District, **732**, p. 22.
- Greenockite (?)**. Kalgoorlie, **469A**, p. 166, **744D**, p. 98.
- Grossularite.** Cardinup Creek, &c., Phillips River G.F., **738**, pp. 27, 46.
- Gypsum.** Clifty Head, near Dongara, Victoria District, **104**, pp. 87-88, **730**, p. 28; Lake Austin, Murchison G. F., **907B**, pp. 91, 92; Lake Cowan, Norseman, Dundas G. F., **102**, pp. 20-21; Kalgoorlie, **744D**, p. 149; (*in salt lakes*) Southern Cross, **708B**, p. 44.
- [*See also Selenite.*]
- Halite.** Hutt Lagoon, Lynton, Northampton District, **104**, pp. 91-92; Kalgoorlie, **744D**, p. 111; Lake Polaris, Southern Cross, **708B**, pp. 44-45; Yarra Yarra Lakes, near Carnamah, **104**, p. 90.
- Halloysite.** Kalgoorlie, **301C**, pp. 47-48, **744D**, p. 146; Norseman, Dundas G. F., **727**, (? **Montmorillonite**); (?) Southern Cross, **708B**, p. 148.
- Hematite.** Mount Edith, Ashburton G.F., **530**, p. 59; Kalgoorlie, **469A**, p. 174; Wilgie Mia, Weld Range, Murchison G.F., **907B**, pp. 74-89; Weld Range, Murchison G. F., **321**, pp. 78-80, **527**, pp. 67-88, **907B**, pp. 71-73.
- Hemimorphite (Calamine).** Lennon's Find, Mount Edgar, N.W. District, **736**, p. 13.
- Hessite.** Kalgoorlie, **462**, **463**, **464**, **469A**, p. 151, **710**, p. 50, **744D**, pp. 88-90, **776**, pp. 274, 282, **806A**.
- Ilmenite.** Kalgoorlie, **744D**, pp. 115-116, **776**, p. 281.
- Ilmeno-rutile.** Yalgoo G. F., Murchison Division, **744J**, p. 9.
- Iridosmine.** Donnelly River, near Nannup, Nelson District, **720**, p. 26; (*occurrence doubtful*), **708A**, pp. 48-49, **744C**, p. 108.
- Iron Telluride.** Kalgoorlie, **385**, p. 760.
- Iron Tellurite.** Kalgoorlie, **702**, pp. 712-713.
- [*See also Emmonsites.*]
- Ixiolite.** Londonderry, Coolgardie G.F., **328**, **739**, p. 27, **744C**, p. 102; Wodgina, Pilbara G.F., **709**, pp. 19-20, **740**, pp. 314-315, **744C**, pp. 101, 103, **744F**, pp. 10, 11.
- [*See also Mangan-ixiolite.*]
- Jasper.** Southern Cross, **708B**, pp. 140-141.
- Jefferisite.** Bulong, N.E. Coolgardie G.F., **737**, p. 17.
- "**Kalgoorlite.**" Kalgoorlie, **147**, p. 361, **463**, **469A**, pp. 153-154, **472A**, p. 546, **479A**, **526**, p. 64, **645**, **646**, **702**, p. 715, **727**, p. 17, **744D**, pp. 92-93, **776**, pp. 282-289, **806A**.



- Krennerite.** Kalgoorlie, 462, 463, 464, 472A, p. 546, 702, p. 715, 721, pp. 46, 48, 731, p. 33, 744D, pp. 102, 103, 104, 106, 776, p. 272, 806A.
- Lepidolite.** Cocanarup, Ravensthorpe, Phillips River, G. F., 738, p. 47, 744C, p. 89; Head's Smelter, Ravensthorpe, Phillips River G. F., 738, p. 47, 744C, p. 89; Coolgardie, 268, pp. 66-67; Grosmont Gold Mine, Coolgardie G. F., 63C, p. 19; Londonderry, Coolgardie G. F., 63C, pp. 19-20, 526, pp. 100-101, 645, 726, p. 7, 727, p. 57, 744C, p. 89; Norseman, Dundas G. F., 764; Stannum Mine, Wodgina, Pilbara G. F., 63B, pp. 68, 69, 73, 529, p. 49; Tinstone Mine, Wodgina, Pilbara G. F., 529, p. 49.
- Limonite.** Wilgie Mia, Weld Range, Murchison G. F., 907B, pp. 74-89.
- Mackintoshite (?)**. Wodgina, Pilbara G. F., 742, pp. 9-10, 744C, pp. 105-107, 744F, pp. 10, 12-15.
- Magnesite.** Black Flag Road, Ora Banda, Broad Arrow G. F., 446D, p. 34; Bulong, Central Division, 744J, p. 9; Kalgoorlie, 744D, pp. 127-128.
- Magnetite.** Bellinger, Eucla Division, 744I, pp. 108-109; Gabanintha, Murchison G. F., 321, p. 81; Kalgoorlie, 744D, pp. 116-117, 776, p. 280.
- Malachite.** Percy Mine, North Pole, N.W. Division, 63B, p. 28; Whim Well Mine, West Pilbara G. F., 907, p. 55.
- Manganite.** Kalgoorlie, 744D, p. 121.
- Mangan-ixiolite.** Londonderry, Coolgardie G. F., 739, p. 9.
- Mangano-Columbite.** Bellinger, Eucla Division, 744C, p. 102; Coodardie, Murchison Division, 744E; Londonderry, Coolgardie G. F., 739, p. 9, 744C, p. 102; Moolyella, 740, pp. 310-311, 744C, p. 101; Mount Francisco, near Wodgina, Pilbara G. F., 734, pp. 111-112, 735, p. 452, 744C, p. 102; Mount York, near Wodgina, Pilbara G. F., 529, p. 68; Poonah, Murchison District, 739, p. 9, 744C, p. 102; Wodgina, Pilbara G. F., 529, p. 68, 734, p. 110, 744C, p. 101.
- Mangano-tantalite.** Londonderry, Coolgardie G. F., 739, p. 9, 744C, p. 102; Moolyella, 735, p. 445, 744C, p. 101; Poona, Murchison District, 739, p. 9; Wodgina Pilbara G. F., 323, p. 21, 529, pp. 68, 71, 734, pp. 107-110, 735, pp. 447-450, 744C, pp. 101, 103.
- Martite.** Kalgoorlie, 776, p. 280.
- Massicot (?)**. Kalgoorlie, 744D, p. 114, 776, p. 282.
- Melonite.** Kalgoorlie, 741, 744D, p. 98, 806A.
- Mercury.** Kalgoorlie, 702, p. 715, 744D, p. 87.
- Mesitite.** Kalgoorlie, 744D, pp. 127-128, 776, p. 281; Kanowna, N. E. Coolgardie G. F., 63A, pp. 96-97.
- Meymacite.** Kalgoorlie, 469A, p. 182; Wodgina, Pilbara G. F., 736, p. 12.
- Mica.** Bussel's Brook, Collie River, 526, p. 100; Londonderry, Coolgardie G. F., 62, p. 37, 526, pp. 100-101.
- [See also Anomite, Biotite, Fuchsite, Lepidolite, Muscovite, Phlogopite, Roscoelite, Sericite.]
- Microcline (Amazonstone).** Cape Arid, Eucla Division, 736, p. 12; near Mt. Marion, Kalgoorlie, 703B, p. 77; Ubini, Coolgardie G. F., 63C, p. 18.
- Microcline-micropertite.** Kalgoorlie, 703B, pp. 78-80.
- Microlite.** Greenbushes, 905, p. 23; Wodgina, Pilbara G. F., 733, p. 24, 734, pp. 109, 110, 735, p. 450, 740, pp. 313-314; Green's Well, (Mount York), near Wodgina, Pilbara G. F., 744C, pp. 101, 103.



**Mispickel.** [*See Arsenopyrite.*]

**Molybdenite.** Gullewa, Murchison Division, 744M, p. 34; Southern Cross, &c., 708B, p. 123, 734, p. 117; Swan View, Darling Range, 795A; Toodyay, 734, p. 117; *general*, 744C, p. 104.

**Molybdenite.** Clackline, S. W. Division, 728, p. 89, 734, p. 117.

**Monazite.** Cooglegong, Pilbara G. F., 222, p. 289, 744C, pp. 94-95, 744G; (?) Donnelly River, Nelson District, 730, p. 26, 744C, p. 94; Koombana Lake, near Bunbury, 730, p. 26; Marble Bar, Pilbara G. F., 908, p. 332; Melville Water, Swan River, 730, p. 26; Moolyella, 744C, pp. 94-95, 744G; Pilbara, 537, pp. 387, 388, 389; Poonah, Murchison District, 739, p. 9, 744C, p. 94; "West Australia," 344, pp. 362, 364.

**Montmorillonite** (or "Halloysite"). Norseman, Dundas G. F., 727, p. 58.

**Moonstone.** Bowes River, Victoria District, 527, p. 79, 730, p. 27.

**Muscovite.** Greenbushes, 464; Londonderry, Coolgardie G. F., 526, p. 100.

**Nagyagite** (?). Kalgoorlie, 469A, p. 153, 744D, p. 108; (?) Clan Stewart Consolidated Mine, Binduli, E. Coolgardie G. F., 384A, p. 46.

**Niobium** (*general*), 732, p. 20, 735, 740.

**Ochre.** Wilgie Mia, Weld Range, Murchison G. F. 907B, pp. 74-89.

**Olivenite.** Alice Mary Copper Mine, Kundip, Phillips River G. F., 737, p. 17, 738, p. 47, 739, p. 15.

**Opal** ("Crocidolite"). [*See Crocidolite.*]

**Opal, Precious.** Coolgardie, 323, p. 21, 416, pp. 19-21, 527, p. 79.

**Orthite.** [*See Allanite.*]

**Orthoclase.** Mackintosh's Gold Mine, Southern Cross, Yilgarn G. F., 322, p. 37; William's (or Bull's) Lode Claim, Pilbara G. F., 529, p. 49.

**Osmiridium.** [*See Iridosmine.*]

**Ottrelite.** Trafalgar, Lake View, Kalgoorlie, 741, 744D, pp. 142-143.

**Petzite.** Kalgoorlie, 147, p. 361, 462, p. 200, 463, 464, 469A, p. 151, 479A, 562, p. 20, 700, 702, pp. 715-716, 727, p. 17, 744D, pp. 90-91, 776, pp. 272-274, 806A; Mulgabbie, North Coolgardie G. F., 413, pp. 28-30, 730, p. 30; "West Australia," 562, p. 20.

**Phlogopite.** Kalgoorlie, 744D, p. 140.

**Phosphate of Copper** (Tagilite). Jingemia Cave, Watheroo, 736, p. 12.

**Phosphates.** Dandarragan, 103; Jingemia, Watheroo, 907A; Wagin, Williams' District, S.W., 904, pp. 14-16.

**Pickeringite.** Glen Ross, Upper Ashburton, 739, p. 9, 744I, p. 106.

**Pierolite** (Asbestos). Kalgoorlie, 329, p. 25.

**Pilbarite.** Wodgina, Pilbara G. F., 741, 741A, 742, pp. 9-10, 744, 744C, pp. 105-107, 744F, pp. 11, 16-20.

**Platinum.** Donnelly River, near Nannup, Nelson District, 708A, pp. 48-49, 730, p. 26, 744C, p. 108 (*occurrence doubtful*).

**Proustite** (?). Kalgoorlie, 744D, pp. 108-109.

**Pucherite.** Niagara, 115 miles north of Kalgoorlie, 352, 744C, p. 100.

**Pyrite.** Kalgoorlie, 463, p. 215, 744D, pp. 99-101.

**Pyromorphite.** Geraldine Mine, Murchison River, 527, p. 61, 731, p. 37; Gregory Ranges, N.E. Division, 744J, p. 9; Whim Well, 744J, p. 10.

**Pyrrhotite.** Fraser's Gold Mine, Southern Cross, 708B, p. 123.

**Quartz.** Near Lake Polaris, Southern Cross, 708B, pp. 114-117.

**Radioactive Minerals.** Wodgina, Pilbara G. F., 63B, pp. 67-68, 744F.

[*See also* Mackintoshite, Pilbarite, Thorogummite.]



- Realgar.** Kalgoorlie, 744D, pp. 87-88.
- Rickardite (?)**. Kalgoorlie, 741, 744D, p. 94, 806A.
- Roscoelite.** Kalgoorlie, 561, p. 21, 619, 645, 700, 701, p. 494, 702, p. 718, 727, p. 42, 744C, p. 100, 744D, pp. 140-142.
- Rubellite.** Coconarup, Kent District, Phillips River G. F., 527, p. 79, 730, p. 27; Ravensthorpe, Phillips River G. F., 731, p. 69, 738, p. 46; Simon's Hill, near Balladonia, Eucla Division, 327, p. 23.
- Rutile.** Greenbushes, 728, p. 89, 905, p. 21; Kalgoorlie, 728, p. 89, 744D, pp. 118, 119; Yulgering Spring, Avon District, 446C, 742, p. 10, 744I, p. 105.
- Salt.** [See Halite.]
- Saussurite.** Lake Miranda, near Sir Samuel, East Murchison, 325, pp. 46-47.
- Scandium (in tin drift).** Greenbushes, 290, p. 416.
- Scheelite.** Ard Patrick Mine, Nullagine, Pilbara G. F., 63B, p. 129, 323, p. 21, 529, pp. 85-86, 734, p. 115; Coolgardie, 527, p. 12; Lindsay's Gold Mine, Coolgardie, 727, p. 42, 734, p. 116; Tindall's Gold Mine, Coolgardie G. F., 63C, p. 47; Kalgoorlie, 744D, pp. 150-151; Dallinson's Reward, near Ravensthorpe, Phillips River G. F., 734, p. 117, 738, p. 47; Greenbushes, 722, p. 53; near Kundip, Phillips River G. F., 738, p. 47; Southern Cross, Yilgarn G. F., 527, p. 12, 722, p. 53; Fraser's Gold Mine, Southern Cross, Yilgarn G. F., 727, p. 42, 734, p. 116; *general*, 734, pp. 115-116.
- Scorodite.** Federal Downs Station, West Kimberley, 737, p. 17; King's Sound Tin Mine, W. Kimberley, 63D, pp. 233, 235, 238.
- Selenite.** Lake Cowan, Norseman, Dundas G. F., 102, pp. 20-21.
- Selenium.** (*In Calaverite*) Kalgoorlie, 727, pp. 15-16; (*in Tetradymite*) Euro Leases, near Uaroo, Ashburton G. F., 530, p. 78.
- Sericite.** Gimlet Mine, Ora Banda, Broad Arrow G. F., 446D, pp. 102-103; Kalgoorlie, 744D, pp. 137-138, 776, p. 281; Southern Cross, 708B, pp. 54-55.
- Serpentine (Chrysotile).** [See Asbestos, Chrysotile.]
- Silver.** Kalgoorlie, 592A, p. 180; Nannine, Murchison G. F., 727, p. 26. "Speculite." Kalgoorlie, 479A.
- Sphalerite.** Kalgoorlie, 744D, pp. 94-95; East Murchison, 701, p. 494; Nooka Mine, Northampton (*cadmiferous*), 727, p. 40.
- Sphene.** [See Titanite.]
- Spinel.** Chittering Brook, S.W. Division, 744M, p. 34.
- Spodumene.** Ravensthorpe, Phillips River G. F., 465, pp. 849-850, 635, pp. xxi-xxxii, 725, 726, 727, p. 57, 738, pp. 22, 46.
- Staurolite.** Greenbushes, 905, p. 21.
- Stibiconite.** Near Morning Star Mine, Mt. Magnet, Murchison G. F., 446E, p. 96; Wiluna, East Murchison G. F., 728, p. 89.
- Stibiotantalite.** Greenbushes, 288, 289, 335, 529, pp. 68, 71, 600, pp. 160, 192, 623, pp. 61, 70, 73, 74, 723, p. 54, 727, pp. 42-43, 734, pp. 112-113, 735, pp. 454-455, 744C, pp. 98, 102, 103, 851, 905, p. 23.
- Stibnite.** Mallina, West Pilbara G. F., 907, pp. 78-79; Wiluna, East Murchison G. F., 326, p. 20.
- Sulphur.** Dongara, Irwin River Valley, 737, p. 17; Golden Treasure Extended Gold Mine, Peak Hill, 721, p. 50; Mount Magnet, Murchison G. F., 728, p. 89.



**Sylvanite.** Kalgoorlie, 147, p. 360, 309, 331, p. 163, 384, p. 192, 462, p. 200, 463, 464, 469A, pp. 149-150, 472A, p. 545, 479A, 700, 702, pp. 714-715, 726, p. 7, 727, p. 16, 744D, pp. 102-105, 776, pp. 271-272, 806A.

**Symplesite.** Kundip, Phillips River G. F., 739, pp. 9, 15.

**Tagilite.** Jingemia Cave, Watheroo, near Yarra Yarra Lakes, S. W. District, 736, p. 12.

**Talc.** Ingliston Extended Mine, Meekatharra, Murchison G. F., 301A, p. 74; Mount Taylor, Peak Hill G. F., 737, p. 17, 744I, pp. 107-8.

**Tantalio Ochre.** Greenbushes, 329B, p. 4.

**Tantalite.** Bellinger, Eucla Division, 740, p. 315, 744C, p. 102; Fraser's and Mercer's, near Coolgardie, 328, p. 27; Greenbushes, 329B, p. 4, 464, 529, pp. 68, 71, 600, pp. 160, 192, 725, p. 32, 727, p. 42, 734, pp. 107, 112-114, 735, pp. 453-454, 740, p. 315, 744C, pp. 102, 103, 905, pp. 22-25; Green's Well (Mount York), near Wodgina, Pilbara G. F., 529, p. 68, 734, p. 108, 744C, p. 101; Londonderry, Coolgardie G. F., 739, p. 27; Wodgina, Pilbara G. F., 63B, pp. 67-68, 73, 141, 529, pp. 65-69, 906; Victoria Rocks, Coolgardie, 744C, p. 102.

**Tantalites.** [See Calcio-tantalite, Columbite, Fergusonite, Ixiolite, Mangan-ixiolite, Mangano-columbite, Mangano-tantalite, Mierolite, Stibio tantalite, Tantalite.]

*Tantalum (general)*, 732, p. 20, 735, 740, 744C, pp. 101-103.

**Tellurides of Gold, &c.** Kalgoorlie, 118, 329, p. 27, 331, p. 163, 383, 384, 385, 462, pp. 200, 201-202, 463, 469A, pp. 146-164, 472A, 479A, 475, 561, p. 20, 562, p. 20, 619, 645, 701, 702, 722, p. 58, 744D, 776, 806A, 903, p. 550; Mulgabbie, North Coolgardie, 417, pp. 28-30, 730, p. 30.

[See also Altaite, Calaverite, Coloradoite, "Coolgardite," "Goldschmidite," Hessite, "Kalgoorlite," Krennerite, "Rickardite," Sylvanite.]

**Telluride of Iron.** Kalgoorlie, 385, p. 760.

**Telluride of Copper ("Rickardite")?** Kalgoorlie, 741.

**Tellurite of Iron.** Kalgoorlie, 702, pp. 712-713.

[See also Emmonsite.]

**Tellurium.** Kalgoorlie, 331, p. 163, 384, pp. 186-193, 516, 519, 535, 702, p. 711, 727, p. 18, 744D, p. 80, 776, p. 282.

**Tennantite.** Kalgoorlie (?), 329, p. 26, 744D, pp. 109-111; Kundip, Phillip's River G. F., 738, p. 46.

**Tetradymite.** Dunallan Gold Mine, Coolgardie, 734, p. 94, 776, p. 269, 878; Kalgoorlie, 744D, p. 88; Lawlers, 734, p. 94; Niagara, Central Division, 744M, p. 34; Floater Gold Mine, Ravensthorpe, Phillips River G. F., 734, p. 94, 738, p. 46; Euro Leases, near Uaroo, Ashburton G. F., 530, p. 78.

**Tetrahedrite.** Kalgoorlie, 463, p. 215, 469A, p. 169, 776, p. 280.

**Thorogummite (?)** Wodgina, Pilbara G. F., 742, pp. 9-10, 744C, pp. 105-107, 744F, pp. 15-16.

**Tiger's Eye.** [See Crocidolite.]

**Tin.** Greenbushes, 723, p. 53, 724, p. 149, 905, p. 22 (?); Dry Brook, Blackwood Bridge, near Nannup, 708A, p. 48.



- Titanite** (*in rocks*). Southern Cross, **708B**, p. 79.
- Topaz**. Coolgardie, **465**, pp. 835-836, **727**, p. 56; Greenbushes, **723**, p. 53; Stannum, Pilbara G. F., **529**, p. 49.
- Tourmaline**. Coconarup, Kent District, Phillips River G. F., **465A**, p. 69, **527**, p. 79, **730**, p. 27; Greenbushes, **723**, p. 53; Kalgoorlie, **469A**, pp. 180-181, **475**, pp. 534, 535, **744D**, pp. 134-137, **776**, p. 281; Mount Monger, North-East Coolgardie, **63C**, p. 73, **465A**, p. 69, **730**, p. 30; Coolgardie, **696A**, p. 503; W. Kimberley, **744J**, p. 10, Ravensthorpe, Phillips River G. F., **738**, p. 46; Simon's Hill, near Balladonia, Eucla Division, **327**, p. 23; Stannum Mine, Pilbara, **529**, p. 49; Twelve-Mile Well, between Beelu Pool and Bangemall, Gascoyne G. F., **530**, p. 29.  
[See also **Rubellite**.]
- Tripolite**. [See **Diatomite**.]
- Turgite**. Kalgoorlie, **744D**, pp. 120-121.
- "**Turquoise**" (= **Chrysocolla**). Murchison District, **321**, pp. 47-48, **730**, p. 27.
- Uralite**. Mount Gregory, near Roebourne, West Pilbara G. F., **806**, p. 146.
- Vanadinite**. Coolgardie, **463**, p. 215, **527**, p. 61, **727**, p. 42; Gregory Ranges, N. E. Division, **744J**, p. 9; (?) Kalgoorlie, **744D**, p. 147; Mulline, N. Coolgardie G. F., **527**, p. 61, **727**, p. 42, **734**, p. 78; Pynalling, Yalgoo G.F., **527**, p. 61, **727**, p. 42, **734**, p. 78.
- Vanadium Mica**. Kalgoorlie. [See **Roscoelite**.]  
*Vanadium (occurrence)*, **744C**, pp. 98-100.
- Vermiculite (Jefferisite)**. Bulong, N. E. Coolgardie G. F., **737**, p. 17.
- Wolframite**. Brookton, S. W. Division, **734**, pp. 115, 116; Geraldton District, S. W. Division, **734**, p. 115; Greenbushes, **464**; *general*, **734**, pp. 115-116.
- Wulfenite**. Whim Well, West Pilbara G. F., **744J**, p. 10.
- Xenotime**. Greenbushes, **744C**, p. 93, **744I**, pp. 105-6; Nannup, Nelson District, S. W., **744C**, p. 93, **744E**.
- Zircon**. Greenbushes, **600**, p. 192, **723**, p. 53, **727**, p. 43, **741**, **744C**, pp. 97-98, **905**, p. 21.
- Zoisite**. Lake Miranda, near Sir Samuel, East Murchison G. F., **736**, p. 13.

## LOCALITY INDEX.

- ALBANY. Bitumen, Diatomite.
- ALICE MARY MINE, Kundip, Phillips River G.F. Erythrite, Olivenite.
- ARD PATRICK MINE, Nullagine, Pilbara G.F. Scheelite.
- ASHBURTON G.F. **530**; Garnet, Hematite, *Selenium*, Tetradymite.
- ASHBURTON, Upper. Copiapite, Pickeringite.
- AUGUSTA GOLD MINING LEASE, Laverton, Mt. Margaret G.F. Altaite.
- AVON DISTRICT, S.W. Division. Rutile.
- BADDERA MINE, Northampton. Galena.
- BALLADONIA, near, Eucla Division. Allanite, Rubellite, Tourmaline.
- BANGEMALL, Gascoyne G.F. Tourmaline.
- BARDOC, Broad Arrow G.F. Crocidolite.

- BAYLEY'S UNITED MINE, Coolgardie G.F. Arsenopyrite.  
 BEELU POOL, Gascoyne G.F. Tourmaline.  
 BEENUP, S.W. Division. Barite.  
 BELLINGER, Eucla Division. Magnetite, Mangano-columbite, Tantalite.  
 BINDULI, E. Coolgardie G.F. Nagyagite (?).  
 BLACK FLAG ROAD, Ora Banda, Broad Arrow G.F. Magnesite.  
 BLACKWOOD BRIDGE, near Nannup, Nelson District, S.W. Division. Tin.  
 BOWES RIVER, Victoria District. Moonstone.  
 BREEN'S CAMP, North Pole, N.W. Division. Barite.  
 BROAD ARROW G.F. Asbestos, Calaverite, Crocidolite, Erythrite, Magnesite, Sericite.  
 BROOKTON, S.W. Division. Wolframite.  
 BULONG, N.E. Coolgardie G.F. Gold, Jefferisite (Vermiculite), Magnesite.  
 BUNBURY, near. Monazite.  
 BURBANKS, Coolgardie G.F. Bismuth.  
 BUSSEL'S BROOK, Collie River. Mica.  
 CAPE ARID, Eucla Division. Amazonstone, Diatomite.  
 CARDUP BROOK, near Beenup, S.W. Division. Barite.  
 CARDINUP CREEK, Phillips River G.F. Grossularite.  
 CARLOW CASTLE MINE, Roeburne, W. Pilbara G.F. Erythrite.  
 CARNAMAH, S.W. Division. Halite.  
 CAVE HILL MINE, Waverley, Broad Arrow G.F. Erythrite.  
 CENTRAL DIVISION. Andalusite, Magnesite, Tetradymite.  
 CHAMPION BAY, Victoria District. Graphite.  
 CHITTERING BROOK, S.W. Division. Spinel.  
 CLACKLINE, East of Perth, S.W. Division. Molybdate.  
 CLAN STEWART CONSOLIDATED MINE, Binduli, East Coolgardie G.F. Nagyagite (?).  
 CLIFFY HEAD, near Dongara, Victoria District. Gypsum.  
 COCANARUP, Ravensthorpe, Phillips River G.F. Lipidolite, Rubellite, Tourmaline.  
 COLLIE RIVER DISTRICT. Mica.  
 CORNET VALE, N. Coolgardie G.F. Crocoite.  
 COODARDIE [COODARDY], Murchison G.F. Columbite, Mangano-columbite.  
 COOGLEGONG, Pilbara G.F. Andradite, Asbestos (Chrysotile), Cassiterite, Euxenite, Fergusonite, Gadolinite, Monazite.  
 COOLGARDIE G.F. 62: Amblygonite, Anomite, Arsenopyrite, Bismuth, Cerargyrite, Cyanite, Erythrite, Gold, Gold Nugget, Ixiolite, Lepidolite, Mangan-ixiolite, Mangano-columbite, Mangano-tantalite, Mica, Microcline, Muscovite, Opal, Scheelite, Tantalite, Tetradymite, Topaz, Tourmaline, Vanadinite.  
 COOLGARDIE G.F., East. [See KALGOORLIE.]  
 COOLGARDIE G.F., NORTH. [See NORTH COOLGARDIE G.F.]  
 COOLGARDIE G.F., NORTH EAST. [See NORTH EAST COOLGARDIE G.F.]  
 DALLINSON'S REWARD, near Ravensthorpe, Phillips River G.F. Scheelite.  
 DANDARRAGAN, S.W. Division. Apatite, Dufrenite, Phosphates.  
 DARLOT, E. Murchison G.F. 325.  
 DONGARA, Irwin River Valley, Victoria District. Diatomite, Gypsum, Sulphur.



- DONNELLY RIVER, Nelson District, S.W. Division. Cyanite, Graphite, Epidomine (?), Monazite (?), Platinum (?).
- DONNYBROOK, S.W. Division. Electrum, Gold.
- DRY BROOK, Blackwood Bridge, near Nannup, Nelson District, S.W. Division. Tin.
- DUNALLAN GOLD MINE, Coolgardie. Tetradymite.
- DUNDAS G.F. Asbolite, Bismuth, Dolomite, Gypsum, Halloysite, Lepidolite, Montmorillonite.
- EAST COOLGARDIE G.F. Nagyagite (?).  
[See also KALGOORLIE.]
- EAST MURCHISON G. F. Saussurite, Sphalerite, Stibiconite, Stibnite, Zoisite.
- EDNA MAY CENTRAL MINE, Westonia, S.W. Division. Chrome Ochre.
- EUCLA DIVISION. Allanite, Amazonstone, Diatomite, Magnetite, Manganocolumbite, Rubellite, Tantalite, Tourmaline.
- EURO LEASES, near Uaroo, Ashburton G.F. Selenium, Tetradymite.
- FEDERAL DOWNS STATION, W. Kimberley. Scorodite.
- FLOATER GOLD MINE, Ravensthorpe, Phillips River G.F. Tetradymite.
- FRASER'S GOLD MINE, Southern Cross, Yilgarn G.F. Pyrrhotite, Scheelite.
- FRASER'S AND MERCER'S, near Coolgardie. Tantalite.
- FRASER RANGE, Eucla Division. Allanite.
- FREMANTLE. Diamond, Diatomite.
- GABANINTHA, Murchison G.F. Chrysocolla, Magnetite.
- GASCOYNE G.F. 530; Tourmaline.
- GASCOYNE RIVER, N.W. Division. Chondrodite.
- GERALDINE, Victoria District. Pyromorphite.
- GERALDTON, Victoria District. Wolframite.
- GIMLET MINE, Oto Banda, Broad Arrow G.F. Sericite.
- GLENROEBOURNE, Roebourne District, Pilbara G.F. "Cobalto-calcite."
- GLEN ROSS, Upper Ashburton. Copiapite, Pickeringite.
- GOLDEN TREASURE EXTENDED MINE, Peak Hill. Sulphur.
- GOONGARRIE, N. Coolgardie G.F. Dolomite.
- GRASMERE, near Albany. Diatomite.
- GREENBUSHES, S.W. Division. 905; Beryl, Cassiterite, Cyanite, Gahnite, Gallium, Germanium, Microlite, Muscovite, Rutile, Scandium, Scheelite, Staurolite, Stibiotantalite, Tantalie Ochre, Tantalite, Tin, Tourmaline, Topaz, Wolframite, Xenotime, Zircon.
- GREEN'S WELL [Mount York], Wodgina, Pilbara G.F. Columbite, Microlite, Tantalite.
- GREGORY RANGES, N.E. Division. Pyromorphite, Vanadinite.
- GROSMONT GOLD MINE, Coolgardie G.F. Lepidolite.
- GULLEWA, Murchison District. Molybdenite.
- HEAD'S SMELTER, Ravensthorpe, Phillips River G.F. Lepidolite.
- HUTT LAGOON, Lynton, Northampton District. Halite.
- ILGARERE, N.W. Division. Chrysocolla.
- INGLTON EXTENDED MINE, Meekatharra, Murchison G.F. Fuchsite, Talc.
- IRWIN RIVER VALLEY, Victoria District. Diatomite, Gypsum, Sulphur.
- JANDAKOT DISTRICT, near Fremantle. Diatomite.
- JINGEMIA CAVE, Watheroo, near Yarra Yarra Lakes, S.W. Division. Copper Phosphate (Tagilite), Phosphates.

- KALGOORLIE, E. Coolgardie G.F. 118, 147, 301C, 329, 384, 462-4, 469A, 700, 702, 744D, 776, 806A, 903; Albite, Allanite, Altaite, Amalgam, Ankerite, Arsenopyrite, Asbestos, Asbolite, Axinite, Bournonite (?), Calaverite, Calcite, Cerargyrite, Chalcopyrite, Cinnabar (?), Coloradoite, "Coolgarite," Dolomite, Emmonsite, Enargite, Felspar, Fluorite, Fuchsite, Gold, Gold-Amalgam (?), "Goldschmidtite," Greenockite (?), Halite, Halloysite, Hematite, Hessite, Ilmenite, Iron Telluride, Iron Tellurite, "Kalgoorlite," Krennerite, Magnesite, Magnetite, Manganite, Martite, Massicot (?), Melonite, Mercury, Mesitite, Meymacite, Microcline, Microcline-micropertthite, Nagyagite, Ottrelite, Petzite, Phlogopite, Picrolite (Asbestos), Proustite, Pucherite, Pyrite, Realgar, Rickardite, Roscoelite, Rutile, Scheelite, *Selenium*, Sericite, Silver, "Speculite," Sphalerite, Sylvanite, Tellurides, Tellurium, Tennantite (?), Tetradymite, Tetrahedrite, Tourmaline, Turgite, Vanadinite.
- KANOWNA, N.E. Coolgardie G.F. 63A; Ankerite, Asbolite, Fuchsite, Gold, Mesitite.
- KAPANGA MINE, Greenbushes. Cassiterite.
- KENDENUP, Hay District, S.W. Graphite.
- KENT DISTRICT, Phillips River G.F. Rubellite, Tourmaline.
- KIMBERLEY. Atacamite, Brochantite, Chloritoid, Glaucophane (?).
- KIMBERLEY, WEST. Scorodite.
- KING'S SOUND TIN MINE, W. Kimberley. Scorodite.
- KOOMBANA LAKE, near Bunbury. Monazite.
- KUNDIP, Phillips River G.F. Cobaltite, Erythrite, Olivenite, Scheelite, Symplesite, Tennantite.
- LAKE AUSTIN, Murchison G.F. Gypsum.
- LAKE COWAN, Norseman, Dundas G.F. Gypsum.
- LAKE GNANGARA, Wanneroo District, near Perth. Diatomite.
- LAKE JANDABUP, Wanneroo District. Diatomite.
- LAKE MIRANDA, near Sir Samuel, East Murchison. Saussurite, Zoisite.
- LAKE MONGER DISTRICT, Yalgoo G.F. Columbite.
- LAKE MOORE, Ninghan District. Gadolinite.
- LAKE POLARIS, near, Southern Cross. Garnet, Halite, Quartz.
- LAKE VIEW, Kalgoorlie. Ottrelite.
- LALLA ROOKH, Pilbara G.F. Columbite.
- LAVERTON, Mount Margaret G.F. Altaite.
- LAWLERS, E. Murchison G.F. 325; Bismuth, Tetradymite.
- LENNON'S FIND, Mount Edgar, N.W. Division. Calamine (Hemimorphite.)
- LENNONVILLE, Murchison G.F. Fuchsite.
- LINDSAY'S GOLD MINE, Coolgardie. Scheelite.
- LONDONDERRY, Coolgardie G.F. Bismuth, Columbite, Cyanite, Ixiolite, Lepidolite, Manganocolumbite, Manganixiolite, Manganotantalite, Mica, Muscovite, Tantalite.
- LYNTON, Northampton District. Halite.
- MACKINTOSH'S GOLD MINE, Southern Cross, Yilgarn G.F. Orthoclase.
- MALLINA, W. Pilbara G.F. Stibnite.
- MARBLE BAR, Pilbara G.F. Allanite, Asbestos, Cassiterite, Chrysotile, Monazite.
- MEEKATHARRA, Murchison G.F. Fuchsite, Talc.



- MELVILLE WATER, Swan River. Monazite.  
 MENZIES, N. Coolgardie G.F. Crocoite.  
 MOOLYELLA, Pilbara G.F. Cassiterite, Manganocolumbite, Manganotantalite, Monazite.  
 MORNING STAR MINE, near Mount Magnet, Murchison G.F. Cervantite, Stibiconite.  
 MOSQUITO CREEK, Pilbara G.F. Scheelite.  
 MOUNTS BROOK, S.W. Division. Graphite.  
 MOUNT DESMOND MINE, Ravensthorpe, Phillips River G.F. Enstatite.  
 MOUNT EDGAR, N.W. Division. Calamine (Hemimorphite).  
 MOUNT EDITH, Ashburton G.F. Hematite.  
 MOUNT FRANCISCO, near Wodgina, Pilbara G.F. Manganocolumbite.  
 MOUNT GREGORY, near Roebourne, W. Pilbara G.F. Uralite.  
 MOUNT MAGNET, Murchison G.F. Cervantite, Corundum, Fuchsite, Stibiconite, Sulphur.  
 MOUNT MONGER, N.E. Coolgardie G.F. Gold, Tourmaline.  
 MOUNT TAYLOR, Peak Hill G.F. Talc.  
 MOUNT YORK [Green's Well], Pilbara G.F. Calcio-tantalite, Columbite, Manganocolumbite, Microlite, Tantalite.  
 MULGABBIE, N. Coolgardie G.F. 417; Calaverite, Petzite, Tellurides.  
 MULLINE, N. Coolgardie G.F. Vanadinite.  
 MURCHISON G.F. AND DISTRICT. 321, 446D, 907B; Beryl, Bitumen, Cervantite, Chrysocolla, Celumbite, Corundum, Crocidolite, Emerald, Fuchsite, Gypsum, Hematite, Ilmeno-rutile, Limonite, Manganocolumbite, Manganotantalite, Molybdenite, Monazite, Ochre, Silver, Stibiconite, Sulphur, "Turquoise," Talc.  
 MURCHISON, EAST. [See East Murchison.]  
 NANNINE, Murchison G.F. Silver.  
 NANNUP, Nelson District, S.W. Iridosmine (?), Platinum (?), Tin, Xenotime.  
 NELSON DISTRICT, S.W. Division. Cyanite, Graphite, Iridosmine (?), Monazite (?), Platinum (?), Tin, Xenotime.  
 NIAGARA, near Kalgoorlie. Pucherite, Tetradymite.  
 NOOKA MINE, Northampton. Cadmium, Sphalerite.  
 NORSEMAN, Dundas G.F. 102; Asbolite, Dolomite, Gypsum, Halloysite, Lepidolite, Montmorillonite.  
 NORTH COOLGARDIE G.F. Calaverite, Crocoite, Dolomite, Petzite, Tellurides, Vanadinite.  
 NORTH EAST DIVISION. Pyromorphite, Vanadinite.  
 NORTH EAST COOLGARDIE G.F. Ankerite, Asbolite, Fuchsite, Gold, Jefferite (Vermiculite), Mesitite, Tourmaline.  
 NORTHAMPTON. Cadmium, Galena, Graphite, Halite, Sphalerite.  
 NORTH POLE, Pilbara. Barite, Cerargyrite, Malachite.  
 NORTH WEST DIVISION. Barite, Chrysocolla.  
 NULLAGINE, Pilbara G.F. Diamond, Scheelite.  
 ORA BANDA, Broad Arrow G.F. 446D; Asbestos, Calaverite, Magnesite, Sericite.  
 PADDINGTON DEEP LEAD, two miles South of Broad Arrow. Gold.  
 PEAK HILL. Sulphur, Talc.  
 PERCY MINE, North Pole, Pilbara G.F. Malachite.

- PHILLIPS RIVER G.F. 738; Actinolite (Asbestos), Albite, Amblygonite, Andalusite, Asbestos, Atacamite, Beryl, Cobaltite, Enstatite, Erythrite, Fuchsite, Grossularite, Lepidolite, Olivenite, Rubellite, Scheelite, Spodumene, Symplectite, Tennantite, Tetradymite, Tourmaline.
- PILBARA G.F. 528, 529; Allanite, Andradite, Asbestos, Calcio-tantalite, Cassiterite, Cerargyrite, Chrysotile, "Cobalto-calcite," Columbite, Diamond, Euxenite, Fergusonite, Gadolinite, Ixiolite, Lepidolite-Mackintoshite (?), Malachite, Mangano-columbite, Mangano-tantalite, Meymacite, Microcline, Monazite, Orthoclase, Pilbarite, Scheelite, Tantalite, Thorogummite (?), Topaz, Tourmaline.
- PILBARA G.F., WEST. [See WEST PILBARA G.F.]
- PINYALLING, Yalgoo G.F. Vanadinite.
- POONAH, Murchison District. Beryl, Emerald, Mangano-columbite, Mangano-tantalite, Monazite.
- RAVENSTHORPE, Phillips River G.F. Albite, Amblygonite, Andalusite, Beryl, Enstatite, Lepidolite, Rubellite, Scheelite, Spodumene, Tetradymite, Tourmaline.
- REDHILL, Coolgardie G.F. Cerargyrite, Gold.
- ROEBOURNE, W. Pilbara G.F. "Cobalto-calcite," Erythrite, Uralite.
- SHERLOCK STATION, W. Pilbara G.F. Fuchsite.
- SIMON'S HILL, Fraser Range, near Balladonia, Eucla Division. Allanite, Rubellite, Tourmaline.
- SIR SAMUEL, E. Murchison G.F. 325; Saussurite, Zoisite.
- SOANESVILLE, Pilbara G.F. Asbestos (Chrysotile).
- SOUTH COAST. Asphaltum.
- SOUTHERN CROSS, Yilgarn G.F. 322, 708B; Chlorophaea, Garnet, Gypsum, Halite, Halloysite, Jasper, Molybdenite, Orthoclase, Quartz, Pyrrhotite, Scheelite, Sericite, Titanite.
- SOUTH WEST DIVISION. 807A; Cyanite, Chrome Ochre, Graphite, Iridosmine (?), Phosphates, Platinum (?), Rutile, Spinel, Tin.
- ST. GEORGE MINE, Mt. Magnet, Murchison G.F. Fuchsite.
- STANNUM MINE, Wodgina, Pilbara G.F. Lepidolite, Topaz, Tourmaline.
- SUNSET MINE, Phillips River G.F. Andalusite.
- SWAN RIVER. Monazite.
- SWAN VIEW, Darling Range. Molybdenite.
- TAMBOURAH, Pilbara G.F. Asbestos, Chrysotile.
- THELEMANN'S FIND, near Lalla Rookh, Pilbara G.F. Columbite.
- TINDALL'S GOLD MINE, Coolgardie G.F. Scheelite.
- TINSTONE MINE, Wodgina, Pilbara G.F. Lepidolite.
- TOODYAY DISTRICT, S.W. Division. Molybdenite, Rutile.
- TRAFALGAR, Lake View, Kalgoorlie. Ottrelite.
- TRIGONOMETRICAL STATION K. 31, Gascoyne River. Chondrodite.
- TWELVE MILE WELL, Gascoyne G.F. Tourmaline.
- UAROO, Ashburton G.F. Garnet, *Selenium*, Tetradymite.
- UBINI, Coolgardie. Amblygonite, Anomite, Biotite, Microcline.
- UPPER ASHBURTON. Copiapite, Pickeringite.
- VICTORIA DISTRICT. Diatomite, Graphite, Gypsum, Moonstone, Pyromorphite, Sulphur, Wolframite.
- VICTORIA ROCKS, Coolgardie. Tantalite.
- VICTORIOUS MINE, Ora Banda, Broad Arrow G.F. Calaverite.
- WAGIN, Williams District, S.W. Phosphates.



- WANNEROO DISTRICT, near Perth. Diatomite.  
 WATER POINT, Kimberley Division. Atacamite, Brochantite.  
 WATHEROO DISTRICT, near Yarra Yarra Lakes, S.W. Division. Copper  
     Phosphate (Tagilite), Phosphates.  
 WAVERLEY, Broad Arrow G.F. Erythrite.  
 WESTONIA, S.W. Division. Chrome Ochre.  
 WELD RANGES, Murchison G.F. Bitumen, Hematite, Limonite, Ochre.  
 WEST KIMBERLEY. Chloritoid, Scorodite, Tourmaline.  
 WEST PILBARA G.F. 530, 907; Erythrite, Fuchsite, Malachite, Pyromor-  
     phite, Stibnite, Uralite, Wulfenite.  
 WHIM WELL, West Pilbara G.F. Malachite, Pyromorphite, Wulfenite.  
 WILGIE MIA, WELD RANGE, Murchison G.F. Hematite, Limonite, Ochre.  
 WILLIAM'S [BULL'S] LODGE CLAIM, Pilbara G.F. Orthoclase.  
 WILUNA, E. Murchison G.F. Stibiconite, Stibnite.  
 WODGINA, Pilbara G.F. 906; Calaverite (?), Calcio-tantalite, Cassiterite,  
     Columbite, Ixiolite, Lepidolite, Mackingtoshite (?), Mangano-columbite,  
     Mangano-tantalite, Meymacite, Microlite, Pilbarite, Tantalite, Thoro-  
     gummitite (?).  
 WONYULGUNNA, N.W. Division. Chrysocolla.  
 YALGOO G.F. Bismuth, Columbite, Ilmeno-rutile, Vanadinite.  
 YAMPI SOUND, W. Kimberley District. Chloritoid.  
 YARRA YARRA LAKES, near Carnamah. Halite, Phosphates.  
 YARRA YARRA CREEK, Murchison District. Crocidolite.  
 YILGARN G.F. Andalusite, Orthoclase, Scheelite.  
     [See also SOUTHERN CROSS.]  
 YULGERING SPRINGS, Avon District, S.W. Division. Rutile.

## TASMANIA.

## GENERAL WORKS AND PAPERS.

- JOHNSTON (R. M.) Systematic Account of the Geology of Tasmania, pp. 356-358 (Hobart, 1888).
- GREGORY (J. W.) [Minerals of Mount Lyell]. *Trans. Austr. Min. Engin.*, X, 1905, pp. 190-191
- MONTGOMERY (A.) The Useful Minerals of Tasmania. *Ibid.*, III, 1895, pp. 203-230; *Austr. Min. Stand.*, XI, 1895, pp. 620, 645-646, 662-663.
- PETTERD (W. F.) Catalogue of the Minerals of Tasmania. *Procs. Roy. Soc. Tas.*, 1893 (1894), pp. 1-72 (also separate, Hobart, 1893); 2nd Edit., Launceston, 1896; 3rd Edit., *Procs. Roy. Soc. Tas.*, 1910, pp. 1-221 (also separate, Hobart, 1910).
- TWELVETREES (W. H.) and PETTERD (W. F.) List of thirty-four Minerals known to occur in the Elvan Dykes of Mount Bischoff, *Procs. Roy. Soc. Tas.*, 1897 (1898), pp. 126-128; *Rept. Secr. Mines Tas.*, 1899-1900 (1900), pp. cliv-clvi.
- TWELVETREES (W. H.) Minerals of the Magnet Mine, Magnet. *Rept. Secr. Mines Tas.*, 1899-1900 (1900), pp. clxvii-clxviii.
- Catalogue of Publications issued by the Government of Tasmania, relating to the Mines, Minerals and Geology of the State. *Bull. Geol. Surv. Tas.*, 22, 1915.

## SUBJECT INDEX.

- Actinolite.** Colebrook Mine, Dundas, 636, 865, p. 173, 867, p. 241, 875, p. 179; Comstock District, 868, p. 4; Gormanston Creek, North Dundas, 873, p. 56, 875, p. 180; Hampshire Hills, 636; Mount Murchison, Mount Farrell Field, 872, p. 49; Stanley River Tinfield, 877B, pp. 42, 43.  
[See also **Pilotite.**]
- Ægirine-Augite.** Regatta Point, Port Cygnet, 618, p. 288
- Aikinite.** North East Dundas, 627, p. 62.
- Albite.** Heazlewood River, 633.
- Alexandrite.** Weld River, Co. Dorset, 465A, p. 952.
- Allanite.** Port Cygnet, 618, pp. 275, 288.
- Allophane.** (?) Parson's Hood Range, Co. Russell, 688, p. 68; Savage River, Co. Russell, 636.
- Amethyst.** Blue Tier, Co. Dorset, 636, p. 152; Emu River, 636, p. 152; Moorina, 636, p. 152; Mount Cameron, 636, p. 152.
- Amphibole.** Hampshire Hills, 633, 636; Port Cygnet, 618, pp. 281-282, 288.  
[See also **Arfvedsonite, Asbestos, Hornblende.**]
- Analcite.** Blue Tier, Co. Dorset, 592B, p. 14; Penguin River, 627, p. 62; Port Cygnet, 630, p. 81; (*in rocks*) Table Cape, Wynyard District, 377A, p. 67.
- Anatase.** Clayton Rivulet, North West Coast, 333.
- Andalusite.** [See **Chiastolite.**]



- Anglesite.** Comet Mine, Dundas, 630, p. 83, 636; Maestrie's Mine, Dundas, 8; Dundas, 359; Susannite Mine, between Comstock and Zeehan, 636.
- Ankerite.** Comet Mine, Dundas, 636; Heazlewood Mine, 636; Magnet Mine, Magnet, 636; Mount Farrell, 872, p. 47.
- Annabergite.** Leslie Junction, Dundas, 636; Penguin River, 636.
- Antimony.** British Zeehan Mine, Zeehan, 633, 636.
- Apatite.** Blue Tier, Co. Dorset, 633, 828, p. 109.
- Aplome.** Upper Emu River, near the Hampshire Hills, 636.
- Aragonite.** Briseis Mine, Derby, 633, 636; Magnet Mine, Magnet, 636.
- Arfvedsonite (?)**. Swan Island, Bass Straits, 332A, p. 60, 636, p. 11.
- Argentite.** Godkin Extended Mine, Whyte River, Co. Russell, 636; Magnet Mine, Magnet, 636; Mount Lyell, 636.
- Arsenic.** Mount Bischoff, 636, 814, p. 126.
- Arsenolite.** Penguin River, 636.
- Arsenopyrite.** Colebrook Mine, Dundas, 636; Macarthur's Copper Mine, North Heemskirk, 877C, p. 63; Magnet Mine, Magnet, 631, 636; Mount Lindsay, Stanley River Tinfield, 877B, pp. 68, 78, 79; Mount Lyell, 359; Ringville, 636.
- Asbestos.** Anderson's Creek, near Beaconsfield, 820; near Asbestos Mountains, 314; Asbestos Point, Macquarie Harbour, 377C, pp. 14-16; Ilfracombe, 444, pp. 71-72; King River, 825, pp. 141-142; Stanley River Tinfield, 877B, pp. 21, 48-49 (*amphibolitic?*); West Tamar, 876.  
[See also **Chrysotile.**]
- Asphaltum.** West Coast, 377C, pp. 17-18.
- Atacamite.** Comet Mine, Dundas, 630, p. 78, 636; Gad's Hill Range, Upper Mersey River, 636; Silver Queen Mine, Zeehan, 636.
- Augite.** Hampshire Hills, 636, 688, pp. 67-68; Hellyer River, 630, pp. 79-80, 636; Mount Horror, 636; St. Paul's Plains, near Avoca, Co. Glamorgan, 636.
- Axinite.** Colebrook Mine, Dundas, 9, 630, p. 80, 636, 813, 815, 831, pp. 300-301, 865, pp. 172-173, 867, pp. 241-242, 875, p. 179; Boulder Co.'s Lease, North Dundas, 873, pp. 57-58, 113; Commonwealth Mine, North Dundas, 867, p. 239; Cornwall Mine, North Dundas, 154, p. 496, 864, pp. 145-146, 867, p. 239; Gormanston Creek, North Dundas, 873, p. 56, 875, p. 180; Mount Lindsay, Stanley River Tinfield, 877B, p. 75; Mount Ramsay, 849, 875, p. 179.
- Barite.** Alma Mine, North West Coast, 838, p. 31; Intercolonial Spur, &c., Jukes-Darwin Mining Field, 377B, pp. 73, 82, 121-123; Minnow, Mersey River District, 840A, p. 115; Mount Lyell, 359, 442, pp. 217, 218, 219, 624, p. 197; Mount Murchison, Mount Farrell Field, 872, pp. 49, 110-111; Mount Reid [Read], 359.
- Barrandite (?)**. Lyndhurst, North East Coast, 636.
- Batchelorite.** Mount Lyell, 350, pp. 64-67 ("Margarodite"), 636.
- "Bellite."** Magnet Mine, Magnet, 634, 636.
- Beresowite (?)**. Magnet Mine, Magnet, 631, 633, 636; Whyte River Silver Mine, 633, 636.
- Beryl.** Shepherd and Murphy Mine, Bell Mount, 631, 636, 836, p. xiv, 840B, p. 36; Ben Lomond, 630, p. 80, 636, 860, p. 50, 861A, p. 67, 867, p. 228; Cape Barren Island, 781, p. 82; Mount Cameron, 636; Islands in Bass Straits, 332A, p. 61; Doleoath Mine, Middlesex-Mt. Claude Mining Field, 840B, p. 85.



- Bismuth.** Blue Tier, Co. Dorset, **592**, p. 222, **636**; Bell Mount, **592**, p. 222; Kittson's Workings, Mount Farrell Field, **872**, p. 51; Mount Black, Mount Farrell Field, **630**, p. 76; Mount Ramsay, **495, 592**, p. 222, **630**, p. 76, **636, 688**, p. 63, **849, 898**, p. 92; Mount Read, **592**, p. 222, **636**; near Weldborough, **592**, p. 222, **630**, p. 76; Tasmania (probably Mount Ramsay), **307**.
- Bismuthinite.** Lady Barron Mine, Middlesex-Mt. Claude Mining District, **840B**, p. 35; Shepherd and Murphy Mine, Bell Mount, **840B**, pp. 50, 51.
- Bitumen.** [See **Asphaltum.**]
- Blende.** [See **Sphalerite.**]
- Bournonite.** King Island, **636**; Argent Company, Zeehan, **636**.
- Breithauptite.** Zeehan, **636**.
- Bronzite.** Anderson's Creek, near Beaconsfield, **822**, p. cxxi.
- Brookite.** Clayton Rivulet, North-West Coast, **333**; Back Creek, near Lefroy, Co. Dorset, **636**.
- Calcite.** Mount Lyell, **636**.
- Campylite.** Britannia Mine, Zeehan, **630**, p. 82, **631, 636, 824**, p. 49.
- Carminite (?)** Magnet Mine, Magnet, **630**, p. 82, **631, 636**.
- Cassiterite.** Shepherd and Murphy Mine, Bell Mount, **840B**, p. 33; Ben Lomond, **456**; Blue Tier, Co. Dorset, **592B**, pp. 11, 13, 18, &c.; George's Bay, East Coast, **898**, p. 93; Lottah Mine (containing *Scandium*), **290**, p. 416; Mayne's Mine, Heemskirk, **633, 636**; Mount Balfour Field, **874**, p. 49; Mount Bischoff, **154**, pp. 398-400, **290**, p. 416 (containing *Scandium*), **302, 353, 354, 354A, 447, 456**, pp. 354, 364, **633, 636, 688**, pp. 66-67, **694**, pp. 284-285 (artificial crystals), **850, 898**, pp. 87-91; Mount Ramsay **898**, pp. 91-93; Mount Rex, Ben Lomond District (*pseudomorphs after Felspar*), **633, 636, 867**, p. 227; Great Pyramid, Scamander District **840**, p. 34; Stanley River Tinfield (Castle's Vein p. 65; Mount Lindsay, pp. 68, 73, 77, 79, 80, 81, 82, 83, 87-90, 155, 158; Stanley Reward, pp. 63, 111-112, 131), **877B**; Stanley River, Co. Russell, (*pseudomorphs after Felspar*), **633, 636, 869**, p. 2; near Waratah, **633, 636, 830**, p. 36; "Tasmania," **456**, p. 358.
- Cerargyrite.** Beulah Mine, Scamander District, **840**, pp. 29, 57-58; Scamander Bell Mine, **840**, pp. 29, 56; Scamander River Silver Mine, **840**, p. 55; Spray Hill, Zeehan, **154**, p. 628; Victoria-Zeehan Mine, Zeehan, **839**, p. 119.
- Cerussite.** Adelaide Proprietary Mine, Dundas, **631, 636**; Comet Mine, Dundas, **11, 630**, p. 84, **636**; Dundas, **359**; Hercules Mine, Mount Read, **636**; Magnet Mine, Magnet, **8, 633** (*chromiferous*), **636**, pp. 40, 43-44; Washington Extended Mine, Whyte River, **11**; Zeehan, **11, 636**.
- Chabazite.** Bell Mount, **11, 636**.
- Chalcanthite.** Granville Harbour Copper Mine, North Heemskirk, **877C**, p. 60; Macarthur's Mine, North Heemskirk, **877C**, p. 33; Stanley River Tinfield, **877B**, p. 110.
- Chalcocite.** Granville Harbour Copper Mine, North Heemskirk, **877C**, p. 60; Vincent's Copper Reward, Granville Harbour, North Heemskirk, **877C**, p. 33.
- Chalcophanite (?)** Dundas, **631, 636**; Magnet Mine, Magnet, **633, 636**.
- Chalcotrichite.** Colebrook Mine, Dundas, **627**, p. 62.



- Chialstolite.** North Heemskirk (Twelve Mile Creek, p. 26; St. Dizier Creek, p. 27), **877C**.
- Chloanthite.** Central Balstrup Mine, Zeehan, **636**; Long Tunnel Mine, Heazlewood District, Co. Russell, **634, 636**.
- Chlorite.** Ben Lomond (*pseudomorphs after Felspar*), **631, 636**; Crown Lyell Mine, Mount Lyell, **631, 636**.
- Chlorophane** (*var. of Fluorite*). Mount Bischoff, **636, 814**, p. 127.
- "Chrom-brugnatellite"** [= *Stichtite, q.v.*]
- Chrysoberyl.** Weld River, Co. Dorset, **465A**, p. 952, **636**.
- Chrysolite.** Emu River, **636**; Flinders Island, **332A**, p. 61.
- Chrysotile.** Anderson's Creek, near Beaconsfield, **636, 820**; Asbestos Point, Macquarie Harbour, **377C**, pp. 14-16; near Asbestos Range, **636**; Mount Vulcan, West Tamar, **801A**, p. 159; Stanley River Tinfield, **877B**, p. 21; "Tasmania" (?), **509** (*opalized*).  
[*See also Asbestos.*]
- Clinochlore.** Anderson's Creek, near Beaconsfield, **631, 636**; near Mount Heemskirk, **631, 636**.
- Copalite.** Macquarie Harbour, **630**, p. 84, **636**.
- Copper.** Mount Bischoff, **630**, p. 76, **636**; South Darwin, Jukes-Darwin Mining Field, **377B**, p. 136; Tullibardine Lease, Mount Farrell Field, **872**, p. 62; Granville Harbour, North Heemskirk, **877C**, pp. 58, 94; Mount Lyell, **592**, p. 221, **630**, p. 76, **636, 807**; Stanley River Tinfield, **877B**, p. 110.
- Corundum.** Weld River, Co. Dorset, **636**.  
[*See also Sapphire.*]
- Corynite.** Rocky River Mine, Whyte River, **821**, p. cxcix.
- Covellite.** Mount Balfour Field, **874**, pp. 53-54.
- Crocidolite.** Hampshire Hills, **636**, p. 132; Mount Stewart Silver-Lead Mine, Heazlewood, **821**, p. clxxxiv.
- Crocoite.** Dundas (Adelaide Mine, &c.), **359, 501, 591, 617, 630**, p. 83, **636, 751, 853**; Heazlewood Silver-Lead Mine, **636**; Magnet Mine, Magnet, **9, 636**; Whyte River Mine, **636**; Silver Queen Mine and Colonel North Mine, Zeehan, **631**.
- Cuprite.** Colebrook Mine, Dundas, **630**, p. 79, **636**; Mount Lyell, **630**, p. 78, **636**.  
[*See also Chalcotrichite.*]
- Cyanite.** Near Clayton Rivulet, North-West Coast, **333, 636**.
- Danburite.** Colebrook Mine, Dundas, **636, 815**, pp. 57, 59, **865**, p. 174.
- Datolite.** Colebrook Mine, Dundas, **9, 627, 636, 813, 815, 865**, p. 174.
- Diamond.** Harvey's Creek, Donaldson District, Co. Russell, **834**, pp. 13-14; Donaldson River, **840D**, p. 38; Long Plains, Co. Russell, **782A**, p. 1223; Pieman River, **636**.
- Diaspore.** Mount Bischoff, **636, 814**, p. 127.
- Diopside.** Anderson's Creek, near Beaconsfield, **875**, pp. 177-179; Comstock District, **633, 636, 875**, pp. 177-179, **868**, p. 3.
- Dolomite.** Dundas, **359**; Magnet Mine, Magnet, **631, 633, 636, 821**, p. clxii; Mount Balfour (*ferriferous*), **874**, p. 46; New Victory Copper Mine, Arthur River, **863**, p. 87.
- Dufrenite.** Bell's Reward Mine, Heazlewood, **633, 636**.
- Dufrenoyite.** North-east Dundas, **631, 636**.



**Dundasite.** Adelaide Proprietary Mine, Dundas, 625, 632, 636; Hercules Mine, Mount Read, 631, 636.

**Electrum.** Queen River, West Coast, 636.

**Embolite.** Dundas, 636; Heazlewood, 636; Magnet Mine, Magnet, 633, 636; Zeehan, 154, p. 628, 636.

**Enargite.** North Lyell Mine, Mount Lyell, 634.

**Endlichite.** Heazlewood Mine, 636; Magnet Mine, Magnet, 636.

**Enstatite-Augite.** Launceston, 616, pp. 108-110.

**Epidote.** Dunyan Range, Duck River, 636; Melba Flat, North Dundas, 631, 636; Shepherd and Murphy Mine, Bell Mount, 836, pp. xi-xv. Lake Jukes, Jukes-Darwin Mining Field, 377B, pp. 74, 82.

[See also **Excherite.**]

**Essonite.** Whyte River, near the Meredith Range, 636, pp. 81-82.

**Eudialite.** Shannon Tier, near Hobart, 618, p. 308, 636.

**Eulytite.** Hampshire Silver Mine, 636.

**Evansite.** Zeehan, 630, p. 83, 636, 761.

**Excherite** (*var. of Epidote*). Upper Emu River, 634, 636.

**Fayalite.** Alexandria Battery, near Hobart, 627, p. 63, 636; One-Tree Point, near Hobart, 887.

**Felspar.** Port Cygnet, 618, pp. 272-273, 283, 289; Shepherd and Murphy Mine, Bell Mount, 636; Flinders Island, 332A, p. 61; *replaced by Cassiterite, &c.*, Mount Bischoff, 473, p. 624, 636, p. 35; *replaced by Cassiterite*, Mount Rex, Ben Lomond District, 633, 636, pp. 34-35, 867, p. 227; *replaced by Cassiterite*, Stanley River, County Russell, 633, 636, p. 35, 869, p. 2.

[See also **Albite**, **Orthoclase**, **Plagioclase**, **Sanidine.**]

**Ferberite.** Oonah Mine, Zeehan, 636, p. 199.

**Fluorite.** Blue Tier, Co. Dorset, 592B, pp. 11, 12, 13, 14, 18, 828, pp. 95-96; Ben Lomond, 302, pp. 455, 459, 814, p. 127; Mount Black Mine, Mount Farrell Field, 636; Thomas Blocks, Mount Farrell Field, 636, 872, pp. 48, 65; Mount Lindsay, Stanley River Tinfield, 877B, pp. 75, 77; Oonah Mine, Zeehan, 839, p. 53.

[See also **Chlorophane.**]

**Freibergite** (*var. of Tetrahedrite*). Hercules Mine, Mount Read, 377D, p. 38, 636, p. 181.

**Fulgurites.** Flinders Island, 636, p. 149.

**Galena.** Mount Farrell Co., Mount Farrell Field, 872, p. 74; Shepherd and Murphy Mine, Bell Mount, 840B, pp. 33, 39, 47.

**Garnet.** Silver Stream Mine, Comstock District, Zeehan, 636; Gormanston Creek, North Dundas, 873, pp. 56, 57; Hampshire Hills, 636, pp. 11, 81, 688, p. 67, 850, p. 496; Highwood, Emu River, 636; Mayne's Tin Mine, near Heemskirk, 636; Mount Lindsay, Stanley River Tinfield, 877B, pp. 70, 72, 73, 74, 80, 81, 94, 95, 103; Mount Ramsay, 636; Port Cygnet, 521, 618, pp. 290, 293, 823, p. civ; Shepherd and Murphy Mine, Bell Mount, 840B, pp. 41-42; Whyte River, near the Meredith Range, 636.

[See also **Aplome**, **Essonite**, **Grossularite**, **Johnstonotite**, **Melanite.**]

**Genthite.** Heazlewood Silver-Lead Mines, 636; Mount Vulcan, West Tamar, 801A, p. 159.

**Gibbsite.** Dundas, 636.

**Glaucodot.** North East Dundas, 636.

**Glendonite.** Mersey River, 840A, p. 54.

**Gmelinite** (? **Chabazite**). Bell Mount, 630, p. 82, 631.



- Gold.** Ben Lomond, 227, pp. 215-216; Granville Harbour Copper Mine, North Heemskirk, 877C, p. 59; Long Plains, Co. Russell, 636; McKusick's Creek, near King River, 636; Middlesex, 840B, p. 39; Mount Darwin, Jukes-Darwin Mining Field, 377B, pp. 82-84; Mount Lyell, 359, 636; Mount Read, 359; Stormont Mine, Mt. Stormont (Stourmont), Middlesex-Mt. Claude Mining Field, 636, 840B, p. 109; near Waratah, 630 p. 76.  
*Nuggets.* 442, p. 228.  
 [See also **Electrum.**]
- Graphite.** Mount Balfour Field, 874, p. 58; Mount Farrell Field, 872, p. 59.
- Grossularite.** Mayne's Tin Mine, near Mount Heemskirk, 636, p. 81.
- Halite.** "Salt pans," between Tunbridge and Ross, 630, p. 78, 636.
- Hauynite.** One Tree Point, near Hobart, 631, 636.
- Heazlewoodite** (*var. of Pentlandite*). Heazlewood District, 630, p. 77, 636, pp. 134-135.
- Hematite.** Blythe River, 826; Jukes-Darwin Mining Field, 377B; pp. 72, 80-81; Mount Livingstone, Stanley River Tinfield (*pseudomorphs after Tourmaline?*) 877B, pp. 102-103; Long's Iron Blow, Mount Heemskirk, North Heemskirk, 877C, pp. 51, 52, 53.
- Hercynite.** Near Moorina, 634, 636.
- "**Histrixite.**" North-East Dundas, 633; No. 1 Curtin and Davis Mine, Ringville, 630, p. 77, 631, 636.
- Hornblende.** Hampshire Hills, 636, pp. 132-133; Mount Lindsay, Stanley River Tinfield, 877B, pp. 69-70; Mount Ramsay, 636, pp. 131-132.
- Huascolite** (?). Hercules Mine, Mount Read, 636; Godkin Extended Mine, Whyte River, Co. Russell, 636; Comstock Mine, Zeehan, 631, 636.
- Idocrase.** [See **Vesuvianite.**]
- Ilmenite.** Hampshire Hills, 688, p. 67; Mount Ramsay, 636, p. 115, 688, pp. 64-65.  
 [See also **Menaccanite.**]
- "**Iridium.**" Savage River, Co. Russell, 448, p. 87.
- Iridosmine.** Bald Hill, Heazlewood District, 840C, 840D; near Beaconsfield, Salisbury, 448, p. 87, 592, p. 223, 630, p. 77, 636; Blue Tier, 630, p. 77; Castray River, Co. Russell, 636; Heazlewood River, Co. Russell, 636; Huskisson River, 636, 840C; King River Gold Field, 448, p. 87, 592, p. 223; Pieman River, 636, 850, p. 497, 873, pp. 75-77; Savage River, Co. Russell, 630, p. 77, 636, 821, p. ccv, 860, 861, 861A, p. 65, 861B, pp. 54-55; Wilson River, Stanley River Tinfield, 840C, 861B, pp. 54-55, 877B, pp. 119, 120; South of Waratah 173A, pp. 12-14; *general*, 840D.
- Jamesonite.** Magnet Mine, Magnet, 631, 636; Mount Bischoff, 631, 636, 688, p. 67, 850, pp. 495-496; Zeehan, 631, 636, 824, p. 22.
- Johnstonotite** (*var. of Garnet*). Port Cygnet, 521, 618, 631, 636, p. 100, 823, p. civ.
- "**Kammererite.**" [See **Stichtite.**]
- Kaolin.** Bridgenorth, 861B, pp. 56-57.
- Knoxvillite.** Victoria Gold Mine, Salisbury, 631, 636.
- Kupfernickel.** [See **Niccolite.**]
- Lead.** Dundas, 636.

- Leadhillite.** Dundas, 636; Magnet Mine, Magnet, 636; Victoria Magnet Mine, Whyte River, 636.
- Lepidolite.** Mount Ramsay, 636.
- Lepidomelane.** Mount Heemskirk, 636.
- Lillianite.** Mount Farrell, 631, 636, 872, p. 51.
- Leucopyrite.** Colebrook Mine, Dundas, 636.
- Magnetite.** Comstock District, 863, p. 3; Jukes-Darwin Mining Field, 377B, pp. 72, 80-81; Mount Lindsay, Stanley River Tinfield, 877B, pp. 66, 91, 92; Mount Zeehan, 839, p. 48; Mount Vulcan, West Tamar, 801A, pp. 159, 161.
- Maldonite** (?). Ring River, West Coast, 636, p. 28.
- Manganite.** Hampshire Silver Mine, Hampshire Hills, 634, 636.
- Marcasite.** Mount Lindsay, Stanley River Tinfield, 877B, pp. 67, 74.
- "Margarodite"** [=Batchelorite *q.v.*]
- Marialite.** Anderson's Creek, near Beaconsfield, 636.
- Massicot.** Dundas, 630, p. 79, 636.
- Matlockite.** Magnet Mine, Magnet, 636; Zeehan, 636.
- Melanite.** Port Cygnet, 618, 636.
- Melanterite.** Stanley River Tinfield, 877B, p. 110.
- Melilite.** One Tree Point, near Hobart, 631, 636; Shannon Tier, near Hobart, 618, 631, 636, 819, pp. 62-63.
- Menaccanite** (Ilmenite). Mount Ramsay, 636.
- Mica.** Blue Tier, Co. Dorset, 592B, p. 11.  
[See also **Lepidolite**, **Lepidomelane**, **Phlogopite**, **Sericite**, **Zinnwaldite**.]
- Millerite.** Dundas, 636.
- Mimetite.** Hampshire Silver Mine, Hampshire Hills, 636; Magnet Mine, Magnet, 636; Britannia Mine, Zeehan (*var.* **Petterdite**), 9, 636; Susannite Mine, Zeehan, 839, p. 140.  
[See also **Campylite**.]
- Mispickel.** [See **Arsenopyrite**.]
- Molybdenite.** Blue Tier, Co. Dorset, 592, p. 229, 592B, pp. 11, 12, 13, 18, 19, 636; Cape Barren Island, 636; Shepherd and Murphy Mine, Bell Mount, 636; Middlesex-Mt. Claude Mining Field (Dolcoath Hill, p. 87; Dolcoath Mine, p. 82; Lady Barron Mine, p. 74), 840B, p. 35.
- Monazite.** Fraser River, King Island, 225, pp. 566, 574, 636; near Lottah, 636; Middlesex-Mount Claude Mining Field (Lady Barron Mine, p. 74; Narrawa Creek, p. 79), 840B, pp. 35-36; Mount Bischoff, 302, p. 456, 457, 636, 814, p. 127; Mount Stronach, near Scottsdale, 630, p. 82, 636; North Heemskirk, 877C, page 29; Salisbury, near Beaconsfield, 636; Stanley River, Co. Russell, 630, p. 82, 636, 869, p. 2, 877B, p. 113; "Tasmania," 537, p. 387.
- Natrolite.** Bell Mount, 636; Shannon Tier, near Hobart, 630, pp. 81-82, 636.
- Nepheline.** Mount Livingstone, Port Cygnet, 832, p. 44 (**Natrolite pseudomorphous after**), Shannon Tier, near Hobart, 631, 819.
- "Nephrite"** (Pyroxene). 26, 73.
- Niccolite.** Near Leslie Junction, North-east Dundas, 636; McKimmie Mine, North Dundas, 630, p. 78; Rocky River Mine, Whyte River, 636, 821, p. excix; Zeehan, 636, 839, p. 52.
- Nickel** (*in pyritic ore*). Tulloch Creek, Mount Lindsay, Stanley River Tinfield, 877B, pp. 147, 153, 154; near Trial Harbour, Mount Heemskirk Tinfield, 877A, p. 94.



- Nosean.** Port Cygnet, 816, pp. 10-11, 13, 832, pp. 44-45.
- Octahedrite.** [See Anatase.]
- Olivine Group** (? *new member of*). Shannon Tier, near Hobart, 618.  
[See also **Chrysolite** and **Fayalite**.]
- Opal.** Bothwell, 829.
- "Opal Tiger-eye"** (Opalised Chrysotile), 509.
- Orthite.** Port Cygnet, 618, pp. 275, 288.
- Orthoclase.** Great Republic Mine, Ben Lomond, 630, p. 80, 636; Killikrankie Bay, Flinders Island, 636; Mount Stronach, Scottsdale, 636; Port Cygnet, 618, p. 285, 636, 832, p. 44.
- Osmiridium.** [See Iridosmine.]
- Pateraite** (?). Rocky River Mine, Whyte River, 821, p. excix.
- Pectolite.** Port Cygnet, 618, pp. 296-297, 636; Upper Emu River, 631, 636.
- Pentlandite.** Leslie Junction, Dundas, 636; Heazlewood District, 630, p. 77, 636 (*var.* Heazlewoodite).
- Perofskite.** Shannon Tier, near Hobart, 631, 636.
- Petterdite** (*var.* of *Mimetite*). Britannia Mine, Zeehan, 9, 636, 827.
- Pharmacosiderite.** Fingal District, 636; Magnet Mine, Magnet, 631, 636; Waterhouse, near Lyndhurst, Co. Dorset, 636.
- Phillipsite.** Bell Mount, 636; Hellyer River, near the railway bridge, 636; Sheffield, 636; Springfield, Co. Dorset, 636.
- Phosgenite.** Adelaide Mine, Dundas, 636; Comet Mine, Dundas, 631, 636; Magnet Mine, Magnet, 636.
- Phlogopite.** Comstock District, 868, p. 5.
- Pilotite.** Mount Bischoff, 634, 636.
- Pinite.** Mount Farrell, 872, pp. 59-60; (?) Long's Iron Blow, Mount Heemskirk, North Heemskirk, 877C, p. 52.
- Plagioclase.** Port Cygnet, 618, p. 280; North West Bay, near Hobart, 618, p. 314; (*in diabase*.) 616, p. 706.
- "Platiniridium."** Savage River, Co. Russell, 448, p. 87, 592, p. 223.
- Platinum** (?). Pieman Gold Field, 636; Salisbury, near Beaconsfield, 636; St. Paul's River, Co. Cornwall, 636; Wilson River, tributary of Pieman, 448, p. 87, 592, p. 223, 636; (*no undoubted occurrence*) 840D, p. 32.
- Plumbogummite.** British Zeehan Mine, Zeehan, 636.
- Prosopite.** Mount Bischoff, 627, p. 64, 631, 636, 814, p. 128.
- Proustite.** Bell's Reward Mine, Heazlewood, 636; Hercules Mine, Mount Read, 636; Magnet Mine, Magnet, 634, 636; Zeehan, 634, 636.
- Przibramite.** Ben Lomond District, 636; Scamander River, 636.
- Pyenite** (*var.* of *Topaz*). Mount Bischoff.  
[See *Topaz*.]
- Pyrargyrite.** Hercules Mine, Mount Read, 377D, pp. 38-39; Magnet Mine, Magnet, 633, 634, 636.
- Pyrite.** Curtin-Davis Mine, Dundas, 636; Mount Balfour, 874, pp. 45-46; Stanley Reward, Stanley River Tinfield, 877B, pp. 100, 143-144; Montana No. 2 Mine, Zeehan, 636.
- Pyrochlore** (?). Port Cygnet, Co. Buckingham, 832, p. 43; Shekleton Creek, Boat Harbour, near Table Cape, 315A, 627, p. 64, 636, 833, pp. 23-24; Tasmania, 344, pp. 361, 363, 364.



- Pyromorphite.** Devon Mine, Middlesex-Mount Claude Mining Field, **840B**, p. 125; Godkin Mine, Whyte River, Co. Russell, **636**; Hercules Mine, Mount Read, **636**; Magnet Mine, Magnet **636**; Zeehan, **630**, p. 82, **636**.
- Pyrophyllite.** Shepherd and Murphy Mine, Bell Mount, **636**; (?) Penzance Tin Mine, North Dundas, **873**, p. 141; Mount Bischoff, **302**, p. 445, **473**, p. 623, **636**; Mount Lyell, **636**; North Pieman, **636**.
- Pyrostilpnite** (?). Long Tunnel Mine, Heazlewood District, Co. Russell, **634**, **636**; Oonah Mine, Zeehan, **636**.
- Pyroxene.** Launceston, &c., **616**, pp. 108-110; Port Cygnet, **618**, pp. 274, 281, 289, 290, 296; Tasmania ("Nephrite"), **26**, **73**.  
[See also **Ægirine-augite**, **Augite**, **Enstatite-augite**.]
- Pyrrhotite.** Colebrook Mine, Dundas, **636**; Mount Lindsay, Stanley River Tinfield, **877B**, pp. 66-67, 76, 82; *nickeliferous*:—Blue Tier, near Beaconsfield, **636**; Dundas, **636**, **865**, pp. 235-237; Penguin River, **636**.
- Quartz.** All Nations Wolfram Mine, Bell Mount, **836**, p. xvi; Ben Lomond (*pseudomorph after felspar*), **636**; Flinders Island, **636**; Hercules Mine, Mount Read, **634**, **636**; Mount Cameron, **636**; North Lyell Mine, **636**; Stanley River Tinfield, **877B**, pp. 46-47.  
[See also **Amethyst**.]
- Rhodochrosite.** Hercules Mine, Mount Read, **636**, **817**, p. 41, **865**, p. 191.
- Ruby Silver Ore** (?). Mount Farrell, **872**, p. 48.  
[See also **Proustite** and **Pyraryrite**.]
- Rutile.** Near Clayton Rivulet, North West Coast, **323**, **636**; near Hamilton-on-Forth, **636**; Forth District and Westwood Estate, **861B**, p. 58.
- Sanidine.** Port Cygnet, **636**, p. 129, **823**, p. ciii.
- Sapphire.** Branxholm, Co. Dorset, **465A**, p. 951; Mount Cameron, **465A**, p. 951, **826A**, pp. 259-260; Main Creek, Co. Dorset, **465A**, p. 951; Shekleton, N.W. Coast, **465A**, p. 951; Thomas Plain, Co. Dorset, **465A**, p. 951; Weld River, Co. Dorset, **465A**, p. 951, **636**, p. 54; Ringarooma and Portland Districts, Co. Dorset, **861A**, p. 67.
- Scandium** (*in Cassiterite*). Lottah Mine, **290**, p. 416; Mount Bischoff, **290**, p. 182.
- Scapolite.** Anderson's Creek, near Beaconsfield, **631**, **822**, p. ccx-ccxi, **875**, p. 182.  
[See also **Marialite**.]
- Scheelite.** Grassy River, King Island, **225**, pp. 573-574, **636**, **858**, p. 15, **859**, p. 26; Mayne's Tin Mine, Heemskirk (*altered to Wolframite*), **636**; Middlesex-Mount Claude Mining Field, **840B**, p. 35; Mount Balfour Field, **874**, p. 49; Mount Ramsay, **11**, **636**, **809**, **849**.
- Schrötterite** (?) Parson's Hood Range, Co. Russell, **688**, p. 68.
- "**Sclerospathite**." Salisbury Mine, Blue Tier, near Beaconsfield, **631**, pp. 26-27, **636**.
- Scolecite.** Cataract Quarry, Launceston, **818**, p. 52.
- Scorodite.** Upper Emu River, **636**; Southern Cross Mine, Waterhouse Gold Field, near Lyndhurst, Co. Dorset, **636**.



- Sericite.** Adelaide Mine, Dundas, 875, p. 186; Mount Bischoff, 473, p. 624; Colonel North Mine, Zeehan, 875, p. 186; Spray Mine, Zeehan, 875, p. 186.
- Serpentine** (*Opalised* = *Crocidolite*). Mount Stewart, 821, p. clxxxiv. [See also *Asbestos*, *Chrysotile*.]
- Siderite.** Mount Bischoff, 473, pp. 623, 624, 636.
- Sillimanite.** Lucy River, tributary of the Pieman, 627, p. 64, 636; Mount Stewart, Heazlewood District, 637, p. 64, 636; Stanley River Tinfield, 877B, pp. 43, 147.
- Silver.** Godkin Mine, Whyte River, Co. Russell, 636; Hampshire Hills, 636, 688, p. 67, 706B, p. 35; Hercules Mine, Mount Read, 633, 636; Jupiter Mine, Mount Read District, 377D, p. 37; Sligo's Tunnel, Ring P. A. Mine, Mount Read District, 377D, p. 37; Magnet Mine, Magnet, 636, 821, p. clxv; Spray Hill, Zeehan, 154, p. 628; Victoria-Zeehan Mine, Zeehan, 839, p. 119.
- Silver Haloids.** 630, p. 78. [See also *Cerargyrite*, *Embolite*.]
- Sphalerite.** Heazlewood, 636; Hercules Mine, Mount Read, 636; South Comstock Mine, Zeehan, 824, p. 33; Zeehan, 636. [See also *Przibramite*.]
- Sphene.** [See *Titanite*.]
- Spinel.** [See *Hercynite*.]
- "Spodumene."** Shepherd and Murphy Mine, Bell Mount, 635, pp. xxxi-xxxii, 836, p. xi (= "Altered Topaz," 636, pp. 187-191).
- Stannite.** Oonah Mine, Zeehan, 626, 636, 744N, pp. 275-278, 835, p. 17, 839, pp. 52-53, 127-131.
- Steinmannite** (?). Heazlewood Silver-lead Mine, 636.
- Stephanite.** Long Tunnel Mine, Heazlewood District, Co. Russell, 634, 636.
- Stichtite** ("Kammererite"). Near the Adelaide Mine, Dundas, 375C, 377E, 625, p. 41, 628, p. 54, 636, pp. 167-170, 840E, 873, p. 23.
- Stilbite.** Near Bell Mount, 631, 636; Shepherd and Murphy Mine, Bell Mount, 840B, pp. 37-38, 47.
- Stromeyerite.** Mount Lyell, 631, 636.
- Strontianite.** Hampshire Silver Mine, Hampshire Hills, 636.
- Sulphur.** Mount Bischoff, 636.
- Symphesite** (?) Magnet Mine, Magnet, 630, p. 83, 631, 636.
- Talc.** Arthur River, 636; Clayton Rivulet, North West Coast, 636; Meredith Range, near the Castray River, Co. Russell, 636; Mount Bischoff, 354A, p. 83; near Reminé, Trial Harbour, 636.
- Tantalum.** King Island, 859, p. 26.
- Tasmanite.** Mersey River, 141, p. 296, 636, 840A.
- Tellurium** (*in ores*). Shepherd and Murphy Mine, Bell Mount, 630, p. 77.
- Tenorite.** Granville Harbour Copper Mine, North Heemskirk, 877C, p. 60.
- Tetrahedrite.** Hercules Mine, Mount Read, 15, 377D, p. 38, 627, p. 65, 636. [See also *Freibergite*.]
- Thinolite.** [See *Glendonite*.]
- "Tiger Eye."** 509.

- Titanite.** Mount Ramsay, 636, p. 166; Port Cygnet, 618, pp. 275, 278, 636, p. 166; Mount Lindsay, Stanley River Tinfield, 877B, p. 75.
- Topaz.** Bell Mount, 8, 465A, p. 953, 630, p. 81, 636, 862, p. 193; Blue Tier, Co. Dorset, 592B, pp. 11, 12, 13, 14, 18; Cape Barren Island, 780, p. 305; Flinders Island, 8, 64, p. 102, 65, pp. 70, 71, 67, p. 8, 332A, pp. 60-61, 465A, p. 953, 630, p. 81, 636, 843, p. 66, 860, p. 50; Mount Bischoff, 154, pp. 398-400, 302, 353, 354, 354A, 447, pp. 353-354, 465A, p. 953, 473, p. 624, 636, 690, pp. 8-10 ("Sillimanite"), 691, pp. 9-10, 693, p. 428, 814, 821, pp. cliv-cliv; Mount Cameron, 8, 465A, p. 952, 630, p. 81, 636, 826A, pp. 258-259, 899; Shepherd and Murphy Mine, Bell Mount, 636, pp. 187-191, 836, p. xi, 840B, p. 36; Moorina, Stanley River, Thomas Plains, Weld River, &c., 465A, p. 953.
- Tourmaline.** D'Entrecasteaux Channel, 780, p. 305; Flinders Island, 332A, p. 61; Heemskirk, 636, 824, p. 59, 866; Mount Bischoff, 154, pp. 398-400, 302, 353, 354, 354A, 473, pp. 623-624, 636, 814, p. 124, 821, pp. cliv-cliv; Stanley River Tinfield (Parson's Hood, &c., pp. 28-29, 31, 32; Castles' Vein, pp. 64, 65, 104-105 [*pseudomorphous after Felspar*]), 877B; Stanley River, Co. Russell, 636, 869, p. 2; Zeehan, 636.
- [See also **Zeuxite**.]
- Tremolite.** Stanley Reward, Stanley River Tinfield, 877B, pp. 99-100; Tenth Legion Mine, Comstock District, 868, p. 4.
- Vanadinite.** Bell's Reward Silver Mine, Heazlewood, 636; Hampshire Silver Mine, Hampshire Hills, 636; Magnet Mine, Magnet, 627, p. 65, 636.
- Vauquelinite** (?) Adelaide Mine, Dundas, 636; Near George's Bay, 636.
- Vesuvianite.** Gormanston Creek, North Dundas, 875, p. 180; Hampshire Hills, 627, p. 63, 630, p. 80, 636, p. 97; Shepherd and Murphy Mine, Bell Mount, 836, pp. xi, xv, 840B, pp. 42, 50; Mount Lindsay, Stanley River Tinfield, 877B, pp. 72, 73-74, 94, 103, 151.
- Vivianite.** Mount Bischoff, 636, 814, p. 128.
- Wavellite.** Australasian Slate Quarry, Back Creek, near Lefroy, Co. Dorset, 630, pp. 82-83, 636.
- "**Weldite**." Weld River, Upper Huon, Co. Buckingham, 457, 636.
- Wolframite.** Blue Tier, Co. Dorset, 592B, p. 11; Mayne's Tin Mine, Heemskirk, 636; All Nations Tin Mine, Middlesex, 636; Middlesex-Mount Claude Mining Field (Dolcoath Hill, p. 88; Iris Mine, p. 78; Lady Barron Mine, pp. 18, 74-77), 840B; Mount Balfour Field, 874, p. 49; Mount Bischoff, 302, p. 456, 636, 814, p. 128; Oonah Mine, Zeehan, 631, 839, p. 53; Shepherd and Murphy Mine, Bell Mount, 636, 840B, p. 34.
- Wollastonite.** Highwood, near the Hampshire Hills, 636; Shepherd and Murphy Mine, Bell Mount, 636, 836, pp. xi, xv.
- Wulfenite.** Hampshire Silver Mine, Hampshire Hills, 636.
- Xanthoconite** (?) Long Tunnel Mine, Heazlewood District, Co. Russell, 636, p. 147.
- Zaratite.** Heazlewood River, 630, p. 84, 636; Trial Harbour, 824, p. 59.
- Zeuxite (Green Tourmaline).** Mount Bischoff, 631, 636; Stanley River, Co. Russell, 636, pp. 194, 302.



- Zincite.** Heazlewood, 636.  
**Zinckenite.** Block 291 Mine, North East Dundas, 627, p. 65; Magnet Mine, Magnet, 636; (?) Mount Bischoff, 850, pp. 495-496.  
**Zinnwaldite.** North East Coast, 630, p. 80, 636.  
**Zircon.** Blythe River, 636; Boat Harbour, near Table Cape, 8, 636, 833, pp. 23-24; Meredith Range, 636; North Pieman, 636; North East Coast (*in tin drift*), 630, p. 80, 636; Shekelton Mine, near Table Cape, 315A; Tasmania, 75, 465B, p. 1342, 654A (*helium in*), 720, pp. 258-268.

## LOCALITY INDEX.

- ADELAIDE MINE, Dundas. Cerussite, Crocoite, Dundasite, Phosgenite Sericite, Stichtite, Vauquelinite (?).  
 ALEXANDRIA BATTERY, near Hobart. Fayalite.  
 ALL NATIONS WOLFRAM MINE, Bell Mount, Middlesex. Quartz, Wolframite.  
 ALMA MINE, Forth River, N.W. Coast. Barite.  
 ANDERSON'S CREEK, near Beaconsfield. Asbestos, Bronzite, Chrysotile, Clinocllore, Diopside, Marialite, Scapolite.  
 ARGENT COMPANY, Zeehan. Bournonite.  
 ARTHUR RIVER, N.W. Coast. Dolomite, Talc.  
 ASBESTOS MOUNTAIN (Range), near Beaconsfield. Asbestos (Chrysotile).  
 ASBESTOS POINT, Macquarie Harbour. Asbestos (Chrysotile).  
 BACK CREEK, near Lefroy, Co. Dorset. Brookite, Wavellite.  
 BALD HILL, Heazlewood District. Iridosmine.  
 BASS STRAIT, Islands in. 332A; Beryl.  
 BEACONSFIELD. Asbestos, Bronzite, Chrysotile, Clinocllore, Diopside, Iridosmine, Marialite, Monazite, Platinum (?), Pyrrhotite, Scapolite, "Sclerospathite."  
 BELL MOUNT, Middlesex. 836, 862; Beryl, Bismuth, Bismuthinite, Cassiterite, Chabazite, Epidote, Felspar, Galena, Garnet, Gmelinite (? Chabazite), Molybdenite, Natrolite, Phillipsite, Pyrophyllite, Quartz, Stilbite, *Tellurium*, Topaz, Vesuvianite, Wolframite, Wollastonite.  
 BELL'S REWARD MINE, Heazlewood. Dufrenite, Proustite, Vanadinite.  
 BEN LOMOND, Co. Cornwall. Beryl, Cassiterite, Chokrite, Fluorite, Gold, Orthoclase, Przibramite, Quartz.  
 BEULAH, Scamander District. Cerargyrite.  
 BLOCK 291 MINE, N.E. Dundas. Zinckenite.  
 BLUE TIER, near Beaconsfield, Co. Devon. Iridosmine, Pyrrhotite, "Sclerospathite."  
 BLUE TIER, Co. Dorset. Amethyst, Analcite, Apatite, Bismuth, Cassiterite, Fluorite, Mica, Molybdenite, Topaz, Wolframite.  
 BLYTHE RIVER, Co. Devon. Hematite, Zircon.  
 BOAT HARBOUR, near Table Cape. Pyrochlore (?), Zircon.  
 BOTHWELL, Cos. Cumberland and Monmouth. Opal.  
 BOULDER COMPANY'S LEASE, N. Dundas. Axinite.  
 BRANXHOLM, Co. Dorset. Sapphire.  
 BRIDGENORTH. Kaolin.  
 BRISEIS MINE, Derby, Co. Dorset. Aragonite.  
 BRITANNIA MINE, Zeehan. Campylite, Mimetite ("Petterdite").  
 BRITISH ZEEHAN MINE. Antimony, Plumbo-gummite.

- CAPE BARREN ISLAND, Bass Straits. Beryl, Molybdenite, Topaz.
- CASTLE'S VEIN, Stanley River Field. Cassiterite, Tourmaline.
- CASTRAY RIVER, Co. Russell. Iridosmine, Talc.
- CATARACT QUARRY, Launceston. Scolecite.
- CENTRAL BALSTRUP MINE, Zeehan. Chloanthite.
- CLAYTON RIVULET, N.W. Coast. Anatase, Brookite, Cyanite, Rutile, Talc.
- COLEBROOK MINE, Dundas. 813, 815, 865, pp. 172-182. Actinolite, Arsenopyrite, Axinite, Chalcotrichite, Cuprite, Danburite, Datolite, Leucopyrite, Pyrrhotite.
- COLONEL NORTH MINE, Zeehan. Crocoite, Sericite.
- COMET MINE, Dundas. Anglesite, Ankerite, Atacamite, Cerussite, Phosgenite.
- COMMONWEALTH MINE, N. Dundas. Axinite.
- COMSTOCK DISTRICT. 868; Actinolite, Anglesite, Diopside, Garnet, Phlogopite, Tremolite, Huascolite (?), Magnetite.
- CORNWALL MINE, near Dundas. Axinite.
- CROWN LYELL MINE, Mount Lyell. Chlorite.
- CURTIN AND DAVIS MINE, Ringville, Dundas. "Histrixite," Pyrite.
- DARWIN-JUKES FIELD. (See JUKES-DARWIN FIELD.)
- D'ENTRECASTEAUX CHANNEL. Tourmaline.
- DERBY, Co. Dorset. Aragonite.
- DEVON MINE, Middlesex-Mt. Claude Field. Pyromorphite.
- DOLCOATH HILL, Middlesex-Mt. Claude Field. Beryl, Molybdenite, Wolframite.
- DOLCOATH MINE, Middlesex-Mt. Claude Field. Molybdenite.
- DONALDSON DISTRICT, Co. Russell. Diamond.
- DUNDAS, Co. Montagu. Actinolite, Anglesite, Ankerite, Annabergite, Arsenopyrite, Atacamite, Axinite, Cerussite, Chalcophanite (?), Chalcotrichite, Crocoite, Cuprite, Danburite, Datolite, Dolomite, Dundasite, Embolite, Gibbsite, Lead, Leadhillite, Leucopyrite, Massicot, Millerite, Niccolite, Pentlandite, Phosgenite, Pyrite, Pyrrhotite, Sericite, Stichtite, Vauquelinite (?).
- DUNDAS, NORTH. [See NORTH DUNDAS.]
- DUNDAS, NORTH EAST. [See NORTH EAST DUNDAS.]
- DUNYAN RANGE, Co. Wellington. Epidote.
- EMU RIVER, North Coast. Amethyst, Chrysolite, Garnet, Pectolite, Scorodite.
- FINGAL DISTRICT, Co. Cornwall. Pharmacosiderite.
- FLINDERS ISLAND, Bass Straits. Chrysolite, Felspar, Fulgurites, Orthoclase, Quartz, Topaz, Tourmaline.
- FORTH DISTRICT, Co. Devon. Rutile.
- FRASER RIVER, King Island. Monazite.
- GAD'S HILL RANGE, Upper Mersey River. Atacamite.
- GEORGE'S BAY, N.E. COAST. Cassiterite, Vauquelinite (?).
- GODKIN MINE, Whyte River, Co. Russell. Pyromorphite, Silver.
- GODKIN EXTENDED MINE, Whyte River, Co. Russell. Argentite, Huascolite (?).
- GORMANSTON CREEK, N. Dundas. Actinolite, Axinite, Garnet, Vesuvianite.
- GRANVILLE HARBOUR, North Heemskirk Field. Chalcantite, Chalcocite, Copper, Hematite, Tenorite.
- GRASSY RIVER, King Island, Bass Straits. Scheelite.
- GREAT PYRAMID, Scamander District. Cassiterite.
- GREAT REPUBLIC MINE, Ben Lomond. Orthoclase.



- HAMILTON-ON-FORTH, Co. Devon. Rutile.
- HAMPSHIRE HILLS, Co. Wellington. Actinolite, Amphibole, Augite, Crocidolite, Garnet, Hornblende, Ilmenite, Manganite, Mimetite, Silver, Strontianite, Vanadinite, Vesuvianite, Wollastonite, Wulfenite.
- HARVEY'S CREEK, Donaldson District. Diamond.
- HEAZLEWOOD DISTRICT, Co. Russell. Ankerite, Chloanthite, Crocidolite, Crocoite, Dufrenite, Embolite, Endlichite, Genthite, Heazlewoodite, Iridosmine, Pentlandite, Proustite, Pyrostilpnite (?), Sillimanite, Sphalerite, Steinmannite (?), Stephanite, Vanadinite, Xanthoconite (?), Zincite.
- HEAZLEWOOD RIVER, Co. Russell. Albite, Iridosmine, Zaraitite.
- HEEMSKIRK, Co. Montagu. Cassiterite, Garnet, Tourmaline, Wolframite.
- HELLYER RIVER, Co. Wellington. Augite, Phillipsite.
- HERCULES MINE, Mount Read, Co. Montagu. Cerussite, Dundasite, Fæibergite, Huascolite (?), Proustite, Pyrargyrite, Pyromorphite, Quartz, Rhodochrosite, Silver, Sphalerite, Tetrahedrite.
- HIGHWOOD, Emu River. Garnet, Wollastonite.
- HOBART, near. Eudialite, Fayalite, Häuynite, Melilite, Nepheline, Olivine, Perovskite, Plagioclase.
- HUSKISSON RIVER, Co. Russell. Iridosmine.
- ILFRACOMBE, Co. Devon. Asbestos.
- INTERCOLONIAL SPUR, Jukes-Darwin Field. Barite.
- IRIS MINE, Middlesex-Mt. Claude Field. Wolframite.
- JUKES-DARWIN FIELD. **377B**; Barite, Copper, Epidote, Gold, Hematite, Magnetite.
- JUPITER MINE, Mount Read District. Sphalerite.
- KILLIEKRANKIE BAY, Flinders Island, Bass Straits. Orthoclase, Topaz.
- KING ISLAND, Bass Straits. Bournonite, Monazite, Scheelite, *Tantalum*.
- KING RIVER, West Coast. Asbestos, Gold, Iridosmine.
- KITTSOON'S WORKINGS, Mount Farrell Field. Bismuth.
- LADY BARRON MINE, Middlesex-Mt. Claude Field. Bismuthinite, Molybdenite, Monazite, Wolframite.
- LAKE JUKES, Jukes-Darwin Field. Epidote.
- LAUNCESTON, near. Augite-Enstatite, Scolecite.
- LEFROY, Co. Dorset. Wavellite.
- LESLIE JUNCTION, Dundas. Annabergite, Niccolite, Pentlandite.
- LISLE FIELD, Co. Dorset. **837**.
- LONG PLAINS, Co. Russell. Diamond, Gold.
- LONG'S IRON BLOW, Mount Heemskirk, N. Heemskirk Field. Hematite, Pinite (?).
- LONG TUNNEL MINE, Heazlewood District, Co. Russell. Chloanthite, Stephanite, Pyrostilpnite (?), Xanthoconite (?).
- LOTTAH MINE, Co. Dorset. Cassiterite, *Scandium*, Monazite.
- LUCY RIVER, N.W. District. Sillimanite.
- LYELL MINE, NORTH. Enargite, Quartz.
- LYNDHURST, Co. Dorset. Barrandite (?).
- MACARTHUR'S MINE, N. Heemskirk. Arsenopyrite, Chalcantite.
- MACQUARIE HARBOUR, West Coast. Asbestos (Chrysotile), Copalite.
- MAESTRIES MINE, Dundas. Anglesite.

- MAGNET MINE, Magnet, Co. Russell. 821, pp. cli-clxix; Ankerite, Aragonite, Argentite, Arsenopyrite, "Bellite," Beresowite (?), Carminite (?), Cerussite, Chalcophanite (?), Crocoite, Dolomite, Embolite, Endlichite, Jamesonite, Leadhillite, Matlockite, Mimetite, Pharmacosiderite, Phosgenite, Proustite, Pyrargyrite, Pyromorphite, Silver, Symplectite (?), Vanadinite, Zinckenite.
- MAYNE'S MINE, Heemskirk, Co. Montagu. Cassiterite, Garnet, Scheelite, Wolframite.
- MAIN CREEK, Co. Dorset. Sapphire.
- McKIMMIE MINE, North Dundas. Niccolite.
- McKUSICK'S CREEK, near King River, West Coast. Gold.
- MELBA FLAT, North Dundas. Epidote.
- MEREDITH RANGE, Co. Russell. Epsomite, Garnet, Talc, Zircon.
- MERSEY RIVER, Co. Devon. Atacamite, Barite, Glendonite, Tasmanite.
- MIDDLESEX DISTRICT, Cos. Devon and Lincoln. 836; Gold, Wolframite.
- MIDDLESEX-MT. CLAUDE FIELD. 840B; Beryl, Bismuthinite, Cassiterite, Galena, Garnet, Gold, Molybdenite, Monazite, Pyromorphite, Scheelite, Stilbite, Topaz, Vesuvianite, Wolframite.
- MINNOW, Mersey River, Co. Devon. Barite.
- MONTANA No. 2 MINE, Zeehan. Pyrite.
- MOORINA, Co. Dorset. Amethyst, Hercynite, Topaz.
- MOUNT BALFOUR FIELD. 874; Cassiterite, Covellite, Dolomite, Graphite, Pyrite, Scheelite, Wolframite.
- MOUNT BISCHOFF, Co. Russell. 302, 353, 354, 354A, 447, 814, 821, pp. cl-clvi; Arsenic, Cassiterite, Cholorophane [Fluorite], Copper, Diaspore, Felspar, Jamesonite, Monazite, Pilotite, Prosopite, Pycnite [Topaz], Pyrophyllite, *Scandium*, Sericite, Siderite, Silver, Talc, Topaz, Tourmaline, Vivianite, Wolframite, Zeuxite [Tourmaline], Zinckenite (?).
- MOUNT BLACK, Rosebery. Bismuth, Fluorite.
- MOUNT CAMERON, Co. Dorset. Amethyst, Beryl, Quartz, Sapphire, Topaz.
- MOUNT DARWIN, Jukes-Darwin Field. Gold.
- MOUNT FARRELL FIELD, Cos. Lincoln and Montagu. 872; Actinolite, Ankerite, Barite, Bismuth, Copper, Fluorite, Galena, Graphite, Lillianite, Pinite, Ruby Silver Ore (?).
- MOUNT HEEMSKIRK, Co. Montagu. Clinocllore, Grossularite, Hematite, Lepidomelane, *Nickel*, Pinite (?).
- MOUNT HORROR, Co. Dorset. Augite.
- MOUNT LINDSAY, Stanley River Field. Arsenopyrite, Axinite, Cassiterite, Fluorite, Garnet, Hornblende, Magnetite, Measite, *Nickel*, Pyrrhotite, Titanite, Vesuvianite.
- MOUNT LIVINGSTONE, Stanley River Field. Hematite (*pseudomorphous after Tourmaline*).
- MOUNT LIVINGSTONE, Port Cygnet, Co. Buckingham. Nepheline.
- MOUNT LYELL, Co. Montagu. 329A, 350; Argentite, Arsenopyrite, Barite, Batchelorite [Margarodite], Calcite, Chlorite, Copper, Cuprite, Enangite, Gold, Pyrophyllite, Stromeyerite, Tennantite.
- MOUNT MURCHISON, Mount Farrell Field, Co. Montagu. Barite.
- MOUNT RAMSAY, Co. Russell. 849; Axinite, Bismuth, Cassiterite, Garnet, Hornblende, Ilmenite, Lepidolite, Scheelite, Titanite.
- MOUNT READ, Co. Montagu. 817; Barite, Bismuth, Cerussite, Dundasite, Freibergite, Gold, Huascolite (?), Proustite, Pyromorphite, Quartz, Rhodochrosite, Silver, Sphalerite, Tetrahedrite.



- MOUNT REX, Ben Lomond District, Co. Cornwall. Cassiterite, Felspar.
- MOUNT STEWART, Heazlewood District. Crocidolite, Sillimanite.
- MOUNT STOURMONT (Stormont), near Black Bluff, Middlesex. Gold.
- MOUNT STRONACH, Scottsdale, Co. Dorset. Monazite, Orthoclase.
- MOUNT VULCAN, West Tamar, near Beaconsfield. Chrysotile, Genthite, Magnetite.
- MOUNT ZEEHAN, Co. Montagu. Magnetite.
- NARRAWA CREEK, Middlesex-Mt. Claude Field. Monazite.
- NEW VICTORY COPPER MINE, Arthur River, N.W. District. Dolomite.
- NORTH DUNDAS. **864, 865, 873**; Actinolite, Axinite, Epidote, Garnet, Nicolite, Pyrophyllite, Vesuvianite.
- NORTH EAST DUNDAS. Aikinite, Dufrenoyite, Glauco-dot, "Histrixite," Zinckenite.
- NORTH HEEMSYPY FIELD, **877C**; Arsenopyrite, Chalcantinite, Chalcocite, Chialstoute, Copper, Hematite, Magnetite, Monazite, Pinite (?), Tenorite.
- NORTH LYELL MINE, Co. Montagu. Enargite, Quartz.
- NORTH PIEMAN, North West District. Pyrophyllite, Zircon.
- NORTH WEST BAY, near Hobart. Plagioclase.
- NORTH WEST COAST MINES. **833, 838**.
- ONE-TREE POINT, near Hobart. Fayalite, Haiynite, Melilite.
- OONAH MINE, Zeehan. Ferberite, Fluorite, Pyrostitpnite, Stannite, Wolframite.
- PARSON'S HOOD RANGE, Co. Russell. Allophane, Kerolite (?), Schrötterite (?), Tourmaline.
- PENGUIN RIVER, Co. Devon. Analcite, Annabergite, Arsenolite, Pyrrhotite.
- PENZANCE MINE, N. Dundas, Co. Montagu. Pyrophyllite.
- PIEMAN DISTRICT, North West District. Diamond, Gold, Iridosmine, Platinum (?), Pyrophyllite, Sillimanite, Zircon.
- PORT CYGNET, Co. Buckingham. **832**; Ægirine-augite, Allanite, Amphibole, Analcite, Felspar, Garnet, Johnstonotite, Melanite, Nepheline, Nosean, Orthoclase, Pectolite, Plagioclase, Pyrochlore (?), Pyroxene, Sanidine.
- PORTLAND DISTRICT, Co. Dorset. Sapphire.
- QUEEN RIVER, tributary of King River, W. Coast. Electrum.
- READ-ROSEBERY District. **377D**, pp. 34-46; Pyrargyrite, Sphalerite, Tetrahedrite.
- REGATTA POINT, Port Cygnet, Co. Buckingham. Ægirine-augite.
- REMINE, Trial Harbour, Co. Montagu. Tale.
- RINGAROOMA, Co. Dorset. Sapphire.
- RING P.A. MINE, Mount Read District. Sphalerite.
- RING RIVER, Co. Montagu. Maldonite.
- RINGVILLE, Co. Montagu. Arsenopyrite, "Histrixite."
- ROCKY RIVER MINE, Whyte River. Corynite, Niccolite, Pateraite (?).
- ROSEBERY-READ DISTRICT. [See READ-ROSEBERY.]
- ROSS, near, Co. Somerset. Halite.
- SALISBURY, near Beaconsfield, Co. Devon. Iridosmine, Knoxvillite, Platinum (?), "Sclerospathite."
- SAVAGE RIVER, Co. Russell. Allophane, "Iridium," Iridosmine, "Platiniridium."

- SCAMANDER BELL MINE, Co. Cornwall. Cerargyrite.
- SCAMANDER DISTRICT, Co. Cornwall. 840; Cassiterite, Cerargyrite, Przibramite.
- SCOTSDALE, Co. Dorset. Monazite, Orthoclase.
- SHANNON TIER, near Hobart. Eudialite, Melilite, Natrolite, Nepheline, Olivine, Perovskite.
- SHEFFIELD, Co. Devon. Phillipsite.
- SHEKLETON CREEK, near Table Cape, Co. Wellington. Pyrochlore (?). Sapphire, Zircon.
- SHEPHERD AND MURPHY MINE, Bell Mount, Middlesex. Beryl, Bismuthinite, Cassiterite, Epidote, Felspar, Galena, Garnet, Molybdenite, Pyrophyllite, "Spodumen," Stilbite, Tellurium, Topaz, Vesuvianite, Wolframite, Wollastonite.
- SILVER QUEEN MINE, Zeehan. Atacamite, Crocoite.
- SILVER STREAM MINE, Comstock, Zeehan District. Garnet.
- SLIGO'S TUNNEL, Ring P.A. Mine, Mount Read District. Sphalerite.
- SOUTH COMSTOCK MINE, Zeehan. Sphalerite.
- SOUTH DARWIN, Jukes-Darwin Field. Copper.
- SOUTHERN CROSS MINE, Waterhouse Gold Field, near Lyndhurst, Co. Dorset. Scorodite.
- SPRAY HILL, Zeehan. Cerargyrite, Sericite, Silver.
- SPRINGFIELD, Co. Dorset. Phillipsite.
- STANLEY REWARD, Stanley River Field. Cassiterite, Pyrite, Tremolite.
- STANLEY RIVER FIELD, Co. Russell. 877B; Actinolite, Arsenopyrite, Asbestos, Axinite, Cassiterite, Chalcantite, Chrysotile, Copper, Fluorite, Garnet, Hematite, Hornblende, Iridosmine, Magnetite, Marcasite, Melanterite, Monazite, Nickel, Pyrrhotite, Quartz, Sillimanite, Titanite, Topaz, Tourmaline, Tremolite, Vesuvianite.
- ST. DIZIER'S CREEK, North Heemskirk. Chiasolite.
- STORMONT MINE, Middlesex-Mt. Claude Field. Gold.
- ST. PAUL'S PLAINS, near Avoca, Co. Glamorgan. Augite.
- ST. PAUL'S RIVER, Cos. Cornwall and Glamorgan. Platinum (?).
- SUSANNITE MINE, Zeehan. Anglesite, Mimetite.
- SWAN ISLAND, Bass Straits. Arfvedsonite (?).
- TABLE CAPE, Co. Wellington. Analcite (*in rocks*), Pyrochlore (?), Zircon.
- TAMAR WEST. [See WEST TAMAR.]
- TENTH LEGION MINE, Comstock District, Zeehan, Tremolite.
- THOMAS' BLOCKS, Mount Farrell Field. Fluorite.
- THOMAS PLAINS (Weldborough), Co. Dorset. Bismuth, Sapphire, Topaz.
- TRIAL HARBOUR, near, Mt. Heemskirk Field. Nickel, Tale, Zaratite.
- TULLIBARDINE LEASE, Mount Farrell Field. Copper.
- TULLOCH CREEK, Mt. Lindsay, Stanley River Field. Nickel (*in pyritic ore*).
- TUNBRIDGE, near, Co. Somerset. Halite.
- TWELVE MILE CREEK, North Heemskirk. Chiasolite.
- UPPER EMU RIVER, North Coast. Excherite, Pectolite, Scorodite.
- UPPER MERSEY RIVER, Co. Devon. Atacamite.
- VICTORIA GOLD MINE, Salisbury, Co. Devon. Knoxvillite.
- VICTORIA MAGNET MINE, Whyte River. Leadhillite.
- VICTORIA ZEEHAN MINE, Zeehan. Cerargyrite, Silver.



- WARATAH, Co. Russell. Cassiterite, Gold, Iridosmine.  
 [See also MOUNT BISCHOFF.]
- WASHINGTON EXTENDED MINE, Whyte River, Co. Russell. Cerussite.
- WATERHOUSE, near Lyndhurst, Co. Dorset. Pharmacosiderite.
- WATERHOUSE GOLD FIELD, near Lyndhurst, Co. Dorset. Scorodite.
- WELD RIVER, Co. Dorset. Chrysoberyl, Corundum, Sapphire, Topaz.
- WELD RIVER, Co. Buckingham. "Weldite."
- WELDBOROUGH (Thomas Plains), Co. Dorset. Bismuth, Sapphire, Topaz.
- WEST COAST. Asphaltum.
- WEST TAMAR, Co. Devon. Asbestos, Chrysotile, Genthite, Magnetite.
- WESTWOOD ESTATE, Forth District, Co. Devon. Rutile.
- WHYTE RIVER, Co. Russell. Argentite, Beresowite (?), Corynite, Crocoite, Essonite, Huascolite (?), Leadhillite, Niccolite, "Pateraite," Pyromorphite, Silver.
- WILSON RIVER, tributary of Pieman River, Stanley River Field. Iridosmine, Platinum (?).
- ZEEHAN, Co. Montagu. 824, 839; Antimony, Atacamite, Bournonite, Breithauptite, Campylite, Cerargyrite, Cerussite, Chloanthite, Crocoite, Embolite, Evansite, Ferberite, Fluorite, Garnet, Huascolite (?), Jamesonite, Matlockite, Mimetite, Niccolite, "Petterdite," Plumbogummite, Proustite, Pyrite, Pyromorphite, Pyrostilpnite, Sericite, Silver, Sphalerite, Stannite, Tourmaline, Wolframite.

## NORTHERN TERRITORY.

## GENERAL PAPERS.

- BROWN (H. Y. L.) and BASEDOW (H.). Reports (Geological and General) resulting from the Explorations made by the Government Geologist and Staff during 1905 (Adelaide, Govt. Printer, 1906).
- BROWN (H. Y. L.). Reports on Recent Mineral Discoveries and Further Records of Northern Territory Boring Operations (*Id.*, 1908).
- WOODS (J. E. T.). Report upon the Geology and Mineralogy of the Northern Territory of South Australia. *S. Austr. Parl. Papers*, 1882, No. A—122; *Northern Territory Times and Gazette* (Under authority of South Australian Government), 1886.
- WOOLNOUGH (W. G.). Report on the Geology of the Northern Territory. *Bull. North Terr.*, No. 4 (Melbourne, 1912).

## SUBJECT INDEX.

- Agate. Barklay Tableland, 910A, pp. 36-37.
- Allochroite [= Andradite, *q.v.*]
- Almandite. Macdonnell Ranges, 82, p. 136, 83, p. 8, 287, p. 128, 553, p. 223, 697, 711, p. 58, 879, pp. 80-81; S. Australia (*probably* Macdonnell Ranges) 711, p. 58.
- Amblygonite. Mount Bennett, Finnis River, 91, p. 36.
- Andradite (Allochroite). Hale River, Macdonnell Ranges, 84, p. 6.
- Arsenolite. 854, p. 60.
- Beryl. Macdonnell Ranges, 85, p. 5, 334, p. 151; Kelly's Tin Claim, near Wolfram Creek, 92, p. 8.
- Bismuth. Mount Ellison Mine, near Brock's Creek, 92, p. 8.
- Cassiterite. (*Pseudomorph after Felspar*) 287, p. 127.
- Copiapite. Coronet Hill Mine, near Pine Creek, 92, p. 5; Kelly's Tin Claim, Pine Creek, 92, p. 8.
- Coquimbite. Lizzie River, Macdonnell Ranges, 336, p. 162.
- Cupro-scheelite. Brock's Mine, Wolfram Creek, near Wandi, 92, p. 8.
- Epidote. Macdonnell Ranges, 711, p. 58.
- Garnet [*see* Almandite, Andradite.]
- Gold. Wandi, etc., Darwin District, 438B, p. 12.
- Mica. Hart Range, Macdonnell Ranges, 82, p. 138, 83, p. 8, 85, pp. 4-5, 251, p. 20, 334, p. 150, 438A, pp. 65-66, 879, pp. 78-80.
- Mimetite. Coronet Hill Mine, near Pine Creek, 92, p. 5.
- Molybdenite. Mount Davis, near Pine Creek, 92, p. 4.
- Monazite. Mount Ziel, Macdonnell Ranges, 149; Wolfram Creek, 92, pp. 5-6, 8, 568, p. 183.
- Muscovite. Hart Range, Macdonnell Ranges [*see* Mica.]
- Olivenite. Walden's No. 2, Mount Diamond, near Pine Creek, 91, p. 33.
- Pharmacosiderite. Walden's No. 2, Mount Diamond, near Pine Creek, 91, p. 33.
- Pyromorphite. Coronet Hill Mine, near Pine Creek, 92, p. 5.
- Scheelite. Brock's Mine, Wolfram Creek, near Wandi, 91, p. 35; Wolfram Camp, 91, p. 35, 910A, p. 11.



- Scorodite.** Brock's Creek, 910A, p. 8; Coronet Hill Mine, near Pine Creek, 92, p. 5; Mount Davis, near Pine Creek, 92, p. 5; Mount Tymm, 910A, p. 8.
- Smithsonite.** Evelyn Mine, near Pine Creek, 91, p. 35.
- Tantalite Ochre.** 329B, p. 4.
- Tantalite-columbite.** Bynoe Harbour, 91, p. 35; Finniss River, 15 miles W. of Rum Jungle, 91, pp. 35-36; West Arm District, near King's Table, 91, p. 35; "Northern Territory," 329B, p. 4.
- Tourmaline.** Brock's Creek, 910A, p. 9; (*pseudomorphous after Felspar*), Maranboy Field, 344A, p. 6.
- Wittichenite.** Mount Ellison, near Brock's Creek, 92, p. 8.
- Wolframite.** Brock's Mine, Wolfram Creek, near Wandl, 91, p. 35; Wolfram Camp, 910A, pp. 11-12; Yenberrie (New Wolfram), 910A, p. 16.

## LOCALITY INDEX.

- BARKLAY TABLELAND. Agate.
- BROCK'S CREEK. Bismuth, Scorodite, Tourmaline, Wittichenite.
- BROCK'S MINE, Wolfram Creek, near Wandl. Cupro-scheelite, Scheelite, Wolframite.
- BYNOE HARBOUR. Tantalite-columbite.
- CORONET HILL MINE, near Pine Creek. Copiapite, Mimetite, Pyromorphite, Scorodite.
- EVELYN MINE, near Pine Creek. Smithsonite.
- FINNISS RIVER. Amblygonite, Tantalite-columbite.
- HART RANGE, Macdonell Ranges. Mica, Muscovite.
- KELLY'S TIN CLAIM, near Wolfram Creek. Beryl, Copiapite.
- KING'S TABLE, near. Tantalite-columbite.
- LIZZIE RIVER, Macdonnell Ranges. Coquimbite.
- MACDONNELL RANGES, Central Australia. Almandite, Beryl, Coquimbite, Mica, Monazite, Muscovite.
- MARANBOY FIELD. Tourmaline (*pseudomorphous after Felspar*).
- MOUNT BENNETT, Finniss River. Amblygonite.
- MOUNT DAVIS, near Pine Creek. Molybdenite, Scorodite.
- MOUNT DIAMOND, near Pine Creek. Olivenite, Pharmacosiderite.
- MOUNT ELLISON, near Brock's Creek. Bismuth, Wittichenite.
- MOUNT TYMM. Scorodite.
- MOUNT ZIEL, Macdonnell Ranges. Monazite.
- NEW WOLFRAM [Yenberrie]. Wolframite.
- PINE CREEK, near. Copiapite, Mimetite, Molybdenite, Olivenite, Pharmacosiderite, Pyromorphite, Scorodite, Smithsonite.
- RUM JUNGLE. Tantalite-columbite.
- WALDEN'S No. 2, Mount Diamond, near Pine Creek. Olivenite, Pharmacosiderite.
- WANDI, near. Gold, Scheelite, Wolframite.
- WEST ARM DISTRICT, near King's Table. Tantalite-columbite.
- WOLFRAM CAMP AND WOLFRAM CREEK. Beryl, Copiapite, Cupro-scheelite, Monazite, Scheelite, Wolframite.
- YENBERRIE [NEW WOLFRAM]. Wolframite.

24



W. M. P. 4/4. 22 (7/74) H. 25.

MS





## MINERAL RESOURCES SERIES.

---

- No. 1. Notes on Chromic Iron Ore, with a Register of New South Wales Localities, 1898. By J. E. Carne.
- No. 2. Notes on the Occurrence of Tungsten Ores in New South Wales, 1898. By J. E. Carne.
- No. 3. Notes on Gold Dredging, 1898. By J. B. Jaquet.
- No. 4. Notes on Bismuth Ores, 1898. By J. A. Watt.
- No. 5. Report on Wyalong Gold-field, 1899. By J. A. Watt.
- No. 6. The Copper Mining Industry, and the Distribution of Copper Ores in New South Wales, 1899. By J. E. Carne. 2nd Edition, 1908.
- No. 7. Mercury or Quicksilver in New South Wales, 1900. By J. E. Carne. 2nd Edition, 1913.
- No. 8. Report on the Hillgrove Gold-field, 1900. By E. C. Andrews.
- No. 9. Report on the Yalwal Gold-field, 1901. By E. C. Andrews.
- No. 10. Report on the Kiandra Lead, 1901. By E. C. Andrews.
- No. 11. Molybdenum, 1906. By E. C. Andrews.
- No. 12. Report on Drake Gold and Copper-field. 1908. By E. C. Andrews.
- No. 13. Report on the Forbes-Parkes Gold-fields, 1911. By E. C. Andrews.
- No. 14. The Tin Mining Industry and the Distribution of Tin Ores in New South Wales, 1911. By J. E. Carne.
- No. 15. The Tungsten Mining Industry in New South Wales, 1911. By J. E. Carne.
- No. 16. The Antimony-Mining Industry, and the Distribution of Antimony Ores in New South Wales, 1912. By J. E. Carne.
- No. 17. Report on the Cobar Copper and Gold-field, Part I, 1913. By E. C. Andrews.
- No. 18. The Canbelego, Budgery, and Budgerygar Mines. Part II of the Cobar Copper and Gold Fields. By E. C. Andrews.
- No. 19. Geological Survey of the Cargo Gold-field. By E. C. Andrews, and M. Morrison.
- No. 20. Report on the Ardlethan Tin-field. By J. R. Godfrey, B.A.
- No. 21. The Adelong Gold-field. By L. F. Harper.

---

Mineral Resources of New South Wales, 1901. By E. F. Pittman.  
The Coal Resources of New South Wales, 1912. By E. F. Pittman.

### MEMOIRS (GEOLOGY).

- No. 1. Geology of the Vegetable Creek Tin-mining Field, 1887. By T. W. E. David.
- No. 2. Iron Ore Deposits of New South Wales, 1901. By J. B. Jaquet.
- No. 3. The Kerosene Shale Deposits of New South Wales, 1903. By J. E. Carne.
- No. 4. Geology of the Hunter River Coal Measures, 1907. By T. W. E. David.
- No. 5. Geology of the Broken Hill Lode and the Barrier Ranges Silver-field, 1894. By J. B. Jaquet.
- No. 6. Geology and Mineral Resources of the Western Coal-fields, 1908. By J. E. Carne.
- No. 7. Geology and Mineral Resources of the Southern Coal-field, 1916. By L. F. Harper.