

COMMONWEALTH OF AUSTRALIA
DEPARTMENT OF SUPPLY

AUSTRALIAN NATIONAL ANTARCTIC RESEARCH EXPEDITIONS



ANARE INTERIM REPORTS

SERIES A

PUBLICATION No. 121

LIST OF PUBLICATIONS
RESULTING FROM THE WORK
OF
AUSTRALIAN NATIONAL ANTARCTIC
RESEARCH EXPEDITIONS
(TO DECEMBER 1970)

Compiled by
M. R. O. MILLETT

ISSUED BY THE ANTARCTIC DIVISION
DEPARTMENT OF SUPPLY, MELBOURNE
1972

PREFACE

The Antarctic Division of the Department of Supply has been responsible since 1968 for the general administration and logistic support of the organization known as the Australian National Antarctic Research Expeditions (ANARE). Previously, the Division had been attached, from 1949, to the Department of External Affairs. The Antarctic Division is responsible for the co-ordination of activities of various agencies which make up ANARE. These agencies include the Division itself, the Commonwealth Bureau of Meteorology (Department of the Interior), the Bureau of Mineral Resources, Geology and Geophysics (Department of National Development), the Division of National Mapping (Department of National Development), the Ionospheric Prediction Service Division (Department of the Interior), certain sections of the Departments of the Army, Navy and Air, the Division of Wildlife Research and other divisions of CSIRO, the Mawson Institute for Antarctic Research, the School of Public Health and Tropical Medicine of the University of Sydney and Commonwealth Department of Health, the Physics Department of the University of Tasmania, the Meteorology Department of the University of Melbourne, and from time to time a number of other university departments.

From the establishment of ANARE in 1947 to the end of 1970 some 880 papers and other publications have resulted from the work of these expeditions. Appendix 3 is a statistical table showing the numbers of publications according to the many scientific disciplines involved. While the Antarctic Division has itself published 116 reports, there have also been many more ANARE papers published in a wide range of some 130 scientific and technical journals and other periodicals. Approximately 350 authors or co-authors are named in this bibliography.

The Antarctic Division wishes to acknowledge with gratitude the contributions made over the years by its co-operating agencies. These have made possible the sum of the achievements of ANARE.

ARRANGEMENT OF ITEMS

Bibliographical items are arranged as follows:

- (1) Under the scientific disciplines listed;
- (2) Within (1), grouped as
 - (a) ANARE Reports,
 - (b) Papers,
 - (c) Maps,
 - (d) Books;
- (3) Within the grouping of (2), in the alphabetical order of the author's name, or joint authors' names, and in the chronological order of the senior author's listed publications.

The entry in brackets at the end of each bibliographical item is a reference code internal to the Antarctic Division which can be used when enquiring about individual items.

Appendices follow the bibliographical items, listing the Antarctic Division's reports in serial number order, the names of periodicals in which papers have been published, and a statistical table giving the number of papers published within each discipline.

Appendix 4 is a useful alphabetical list which is a cross reference of the names of every author and co-author: this will enable the reader to locate for each author the papers wholly or partly contributed by him, using the code numbering system employed throughout this report.

It is intended to issue at suitable intervals supplementary lists of items published from 1971 onwards in order to keep the present list up to date. Since 1971, an additional series of publications has been established, known as Antarctic Division Technical Notes. Particulars of these Notes will appear in future supplementary lists.

CONTENTS

	Code Prefix	Page
<u>PREFACE</u>		
<u>ARRANGEMENT OF ITEMS</u>		
<u>UPPER ATMOSPHERE PHYSICS</u>		1
Cosmic Rays 	UAC	1
Aurora etc. 	UAA	7
Ionosphere 	UAI	12
Upper Atmosphere Winds 	UAW	14
Very Low Frequency Emissions 	UAE	15
<u>METEOROLOGY</u>	M	16
<u>EARTH PHYSICS</u>		22
Geomagnetism 	EPM	22
Seismology 	S	23
Gravity Studies 	GR	23
<u>GEOLOGY</u>	G	24
<u>GEODESY, CARTOGRAPHY</u>	GC	27
<u>GLACIOLOGY</u>	GL	29
<u>OCEANOGRAPHY</u>		34
Physical Oceanography 	OP	34
Biological Oceanography 	OB	35
<u>BIOLOGY</u>		36
Microbiology 	BM	36
Botany 	BB	37
Zoology 	BZ	39
<u>MEDICAL SCIENCE</u>		50
Bacteriology 	MDB	50
Medicine, Physiology 	MDP	51
Psychology 	MDPS	53
<u>LOGISTICS</u>	L	54
<u>GEOGRAPHY, NARRATIVE AND GENERAL</u>	GNG	58
APPENDIX 1 List of ANARE Reports		65
APPENDIX 2 List of Periodicals etc.		72
APPENDIX 3 Statistical Table		76
APPENDIX 4 List of Authors and Co-Authors		77

UPPER ATMOSPHERE PHYSICS

COSMIC RAYS

ANARE REPORTS

- Bilson, J.R., and Jelleff, R.O. (1970). Cosmic Ray Records, Wilkes, 1968.
ANARE Data Reports (C) 2. Pub. No. 112. (UAC/85)
- Bowthorpe, M., and McKenzie, J.F. (1966). Cosmic ray records, Wilkes, 1964.
ANARE Data Reports (C) 2. Pub. No. 85. (UAC/68)
- Bowthorpe, M. (1967). Cosmic ray balloon measurements at high geomagnetic latitudes March 1964 through January 1965. *ANARE Interim Reports* (C) 2. Pub. No. 91. (UAC/73)
- Boyd, J.S., and Bowthorpe, M. (1967). Cosmic ray records, Wilkes, 1965.
ANARE Data Reports (C) 2. Pub. No. 94. (UAC/75)
- Cooke, D.J., and Phillips, J. (1966). Cosmic ray records, Mawson, 1963.
ANARE Data Reports (C) 2. Pub. No. 84. (UAC/67)
- Dunlop, R.E., and Trost, P.A. (1962). Cosmic ray records, Mawson, 1959.
ANARE Reports (C) 2. Pub. No. 63. (UCA/5)
- Ellyard, D., and Vrana, A. (1968). Cosmic ray records, Mawson, 1966. *ANARE Data Reports* (C) 2. Pub. No. 104. (UAC/77)
- Francey, R.F., and Cooke, D.J. (1966). Cosmic ray records, Mawson, 1964.
ANARE Data Reports (C) 2. Pub. No. 86. (UAC/69)
- Humble, J.E., and Dunlop, R.E. (1962). Cosmic ray records, Mawson, 1960.
ANARE Reports (C) 2. Pub. No. 64. (UAC/6)
- Jacka, F., Parsons, N.R., Ford, P.W., and Jacklyn, R.M. (1959). Cosmic ray studies at Macquarie Island and Heard Island, 1948-51. *ANARE Reports* (C) 2. Pub. No. 46. (UAC/1)
- Jacklyn, R.M. (1970). The sidereal daily variation of cosmic ray intensity with particular reference to observations at 40 m.w.e. underground.
ANARE Scientific Reports (C) 2. Pub. No. 114. (UAC/83)
- Jacklyn, R.M. and Parsons, N.R. (1960). Cosmic ray records, Mawson, 1956.
ANARE Reports (C) 2. Pub. No. 57. (UAC/2)
- Jelleff, R.O., and White, K.S. (1969). Cosmic ray records, Wilkes, 1967.
ANARE Scientific Reports (C) 2. Pub. No. 107. (UAC/80)
- Johns, D.H., and Jacklyn, R.M. (1960). Cosmic ray records, Mawson, 1957.
ANARE Reports (C) 2. Pub. No. 58. (UAC/3)
- Johns, D.H., and Trost, P.A. (1961). Cosmic ray records, Mawson, January 1958 to December 1958. *ANARE Reports* (C) 2. Pub. No. 62. (UAC/4)
- McInnes, B.A., Steuart, W.J., and Munro, J. (1961). Cosmic ray records, Macquarie Island, December 1956 to February 1959. *ANARE Reports* (C) 2. Pub. No. 61. (UAC/7)

- McNaughton, I.L.K., and Humble, J.E. (1963). Cosmic ray records, Mawson, 1961. *ANARE Reports* (C) 2. Pub. No. 63. (UAC/53)
- Parsons, N.R. (1958). Cosmic ray records, Mawson, 1955. *ANARE Reports* (C) 2. Pub. No. 45. (UAC/8)
- Parsons, N.R. (1957). The design and operation of ANARE cosmic ray recorder "C". *ANARE Interim Reports* No. 17. Pub. No. 36. (UAC/9)
- Phillips, J., and McNaughton, I.L.K. (1964). Cosmic ray records, Mawson, 1962. *ANARE Reports* (C) 2. Pub. No. 69. (UAC/54)
- Reilly, J.F., and Ellyard, D. (1969). Cosmic ray records, Mawson, 1967. *ANARE Data Reports* (C) 2. Pub. No. 106. (UAC/79)
- Seedsman, D., and McKenzie, J.F. (1965). Cosmic ray records, Wilkes, 1962 and 1963. *ANARE Data Reports* (C) 2. Pub. No. 77. (UAC/65)
- Vrana, A., and Francey, R.J. (1967). Cosmic ray records, Mawson, 1965. *ANARE Data Reports* (C) 2. Pub. No. 95. (UAC/74)
- Vrana, A., and Reilly, J.F. (1970). Cosmic ray records, Mawson, 1968. *ANARE Data Reports* (C) 2. Pub. No. 111. (UAC/84)
- White, K.S., and Boyd, J.S. (1968). Cosmic ray records, Wilkes, 1966. *ANARE Data Reports* (C) 2. Pub. No. 104. (UAC/76)

PAPERS

- Brown, R.R., Barcus, J.R., and Parsons, N.R. (1965). Balloon observations of auroral zone X-rays in conjugate regions. I. Slow time variations. *Journal of Geophysical Research* 70:2579. (UAC/61)
- Brown, R.R., Barcus, J.R., and Parsons, N.R. (1965). Balloon observations of auroral zone X-rays in conjugate regions. II. *Journal of Geophysical Research* 70:2599. (UAC/62)
- Brown, R.R., Barcus, J.R., Reid, J., and Parsons, N.R. (1965). Observations of long-period pulsations of electron precipitation in conjugate regions of the auroral zones. *Journal of Geophysical Research* 70:1246. (UAC/60)
- Burbury, D.W.P., and Fenton, K.B. (1952). The high latitude east-west asymmetry of cosmic rays. *Australian Journal of Scientific Research* 5 (A) (No. 1):47. (UAC/35)
- Caro, D.E., Law, P.G., and Rathgeber, H.D. (1948). Cosmic ray measurements made during the cruise of H.M.A.S. Wyatt Earp, 1947-48. *Australian Journal of Scientific Research* 1:261. (UAC/10)
- Cooke, D.J. (1965). Cosmic ray azimuthal asymmetry measurements at Mawson, Antarctica. *Il Nuovo Cimento* 39:43. (UAC/66)
- Edwards, P.J., Fenton, A.G., Fenton, K.B., Greenhill, J.G., and Parsons, N.R. (1962). Radiation enhancement following Johnston Island thermonuclear explosion. *Nature* 196:367. (UAC/47)

- Fenton, A.G., Fenton, K.B., and Rose, D.C. (1958). The variation of sea level cosmic ray intensity between 1954 and 1957. *Canadian Journal of Physics* 36:824. (UAC/41)
- Fenton, A.G., and Fuller, E.W. (1949). Further experiments with an adjustable Geiger-Müller counter. *Proceedings of the Physical Society* 62:32. (UAC/42)
- Fenton, A.G., and Jacklyn, R.M. (1959). A vertical differential cosmic ray telescope at Macquarie Island. Antarctic Symposium, Buenos Aires. (UAC/11)
- Fenton, A.G., and Jacklyn, R.M. (1959). A brief increase observed at sea level during a solar cosmic ray outburst, July 1959. Antarctic Symposium, Buenos Aires. (UAC/12)
- Fenton, A.G., Jacklyn, R.M., and Taylor, R.B. (1961). Cosmic ray observations at 42m w.e. underground at Hobart, Tasmania. *Il Nuovo Cimento*, Serie X, 22:285. (UCA/36)
- Fenton, A.G., McCracken, K.G., Parsons, N.R., and Trost, P.A. (1956). Cosmic ray increase observed at high southern latitudes on 23 February 1956. *Nature* 177:1173. (UCA/13)
- Fenton, A.G., McCracken, K.G., Rose, D.C., and Wilson, B.G. (1959). The onset times of Forbush-type cosmic ray intensity decreases. *Canadian Journal of Physics* 37:470. (UAC/43)
- Fenton, A.G., McCracken, K.G., Rose, D.C., and Wilson, B.G. (1959). Cosmic ray asymmetries observed during the onset of Forbush-type decreases. Proceedings of the International Union of Pure and Applied Physics Cosmic Ray Conference, Moscow, 1959. (UAC/45)
- Fenton, A.G., McCracken, K.G., Rose, D.C., and Wilson, B.G. (1959). Transient decreases in cosmic ray intensity during the period October 1956 to January 1958. *Canadian Journal of Physics* 37:569. (UAC/44)
- Fenton, G.A. (1963). Intensity variations and effective primary spectrum for mesons observed at approximately 40m w.e. underground at Hobart, Tasmania. Proceedings of the Jaipur Conference on Cosmic Rays 2:185. (UAC/56)
- Fenton, A.G. (1963). Cosmic ray research at Hobart, Tasmania. Proceedings of the Jaipur Conference on Cosmic Rays 2:191. (UAC/59)
- Fenton, A.G., and Rose, D.C. (1958). Change in sea level cosmic-ray intensity between 1954 and 1957. *Bulletin of the American Physical Society* 3:220. (UAC/46)
- Ford, P.W. (1958). Printing register. *Review of Scientific Instruments* 29:728. (UAC/14)
- Greenhill, J.G., Phillips, J., Fenton, K.B., Fenton, A.G., and Bowthorpe M. (1966). The neutron flux in the upper atmosphere during the 1964 solar minimum. Proceedings of the International Conference on Cosmic Rays, London, 1965. p.538. (UAC/70)

- Hopper, V.D. (1969). Neutron monitor measurements on *Nella Dan*, January 1969. University of Melbourne RAAF Academy Research Report No. 41. (UAC/78)
- Jacklyn, R.M. (1954). The barometer coefficient and air mass effects on cosmic rays at Macquarie Island. *Australian Journal of Physics* 7:315. (UAC/15)
- Jacklyn, R.M. (1955). Cosmic rays and air mass effects at Macquarie Island. *Australian Journal of Physics* 8:190. (UAC/16)
- Jacklyn, R.M. (1956). Diurnal variation of the barometer coefficient for cosmic rays at Hobart, Tasmania. *Australian Journal of Physics* 9:505. (UAC/17)
- Jacklyn, R.M. (1959). Recurrence tendencies associated with short-term cosmic-ray east-west asymmetry at Mawson. Antarctic Symposium, Buenos Aires. (UAC/18)
- Jacklyn, R.M. (1959). Short-term east-west cosmic-ray asymmetry decreases at high southern latitudes. Antarctic Symposium, Buenos Aires. (UAC/19)
- Jacklyn, R.M. (1959). Short-term east-west cosmic-ray asymmetry maxima at high southern latitudes. Antarctic Symposium, Buenos Aires. (UAC/20)
- Jacklyn, R.M. (1959). The 27-day type of intensity variation and cosmic-ray east-west asymmetry variations at Mawson, Antarctica. Antarctic Symposium, Buenos Aires. (UCA/21)
- Jacklyn, R.M. (1962). The apparent sidereal and anti-sidereal daily variations of cosmic-ray intensity. *Il Nuovo Cimento* 24:1034. (UAC/37)
- Jacklyn, R.M. (1963). The apparent sidereal daily variations of cosmic-ray intensity at 42m w.e. underground at Hobart, Tasmania. I. Results of observations in 1958. *Il Nuovo Cimento* 30:40. (UAC/52)
- Jacklyn, R.M. (1963). A solar anisotropy in cosmic radiation, viewed from a terrestrial frame of reference. *Nature* 200:1306. (UAC/55)
- Jacklyn, R.M. (1963). Evidence for a genuine sidereal daily variation of cosmic-ray intensity at 40m w.e. underground at Hobart, in 1961. Proceedings of the Jaipur Conference on Cosmic Rays 2:345. (UAC/57)
- Jacklyn, R.M. (1965). The apparent sidereal daily variation of cosmic ray intensity at $\sim 40\text{m}$ w.e. at Hobart, Tasmania. II. Results of observations from 1958 to 1962. *Il Nuovo Cimento* 36:1135. (UAC/63)
- Jacklyn, R.M. (1965). A two-way sidereal anisotropy versus seasonal modulation. Proceedings of the Ninth International Conference on Cosmic Rays, London, 1965. p.141. (UAC/71)
- Jacklyn, R.M. (1967). Cosmic ray astronomy at Hobart. *Proceedings of the Astronomical Society of Australia* I(1):29. (UAC/72)
- Jacklyn, R.M., Duggal, S.P., and Pomerantz, M.A. (1969). Solar diurnal anisotropy of cosmic rays. *Nature* 223:601. (UAC/81)

- Jacklyn, R.M., Duggal, S.P., and Pomerantz, M.A. (1970). The spectrum of the cosmic ray solar diurnal anisotropy. *Acta Physica Academiae Scientiarum Hungaricae* 29, Suppl.2, Proceedings of 11th International Conference on Cosmic Rays, Budapest 1969, 47-54. (UAC/86)
- Jacklyn, R.M., and Fenton, A.G. (1955). The diurnal variation of the cosmic-ray east-west difference at Macquarie Island. Proceedings of the Mexico Conference on Cosmic Rays. (UAC/22)
- Jacklyn, R.M., and Fenton, A.G. (1957). Changes in the high latitude east-west asymmetry of cosmic rays. *Physical Review* 106:809. (UAC/23)
- Jacklyn, R.M., and Humble, J.E. (1965). The upper limiting primary rigidity of the cosmic ray solar anisotropy. *Australian Journal of Physics* 18:451. (UAC/64)
- Jacklyn, R.M. and Vrana, A. (1969). Recent evidence concerning the sidereal anisotropy in the charged primary cosmic radiation. *Proceedings of the Astronomical Society of Australia* 1:278. (UAC/82)
- Law, P.G., McKenzie, C.D., and Rathgeber, H.D. (1949). Cosmic-ray measurements between Australia and Japan. *Australian Journal of Scientific Research (A)* 2:493. (UAC/24)
- McCracken, K.G. (1959). The directional sensitivity of neutron monitors. Antarctic Symposium, Buenos Aires. (UAC/25)
- McCracken, K.G. (1959). Determination of the site of a cosmic ray modulating mechanism from a knowledge of the directional sensitivity of cosmic ray detectors. Antarctic Symposium, Buenos Aires. (UAC/26)
- McCracken, K.G. (1959). A correlation between the emission of white light and cosmic radiation by a solar flare. *Il Nuovo Cimento* 13:1081. (UAC/48)
- McCracken, K.G. (1959). Variations in the cosmic-ray rigidity spectrum. *Physical Review* 113:343. (UAC/50)
- McCracken, K.G. (1960). Energy dependence of transient changes in the primary cosmic-ray spectrum. *Physical Review* 117:1570. (UAC/51)
- McCracken, K.G., and Johns, D.H. (1959). The attenuation length of the high energy nucleonic component of the cosmic radiation near sea level. *Il Nuovo Cimento* 13:96. (UAC/27)
- McCracken, K.G., and Parsons, N.R. (1958). Unusual cosmic ray fluctuations observed at southern stations during October 21-24, 1957. *Physical Review* 112:1798. (UAC/28)
- Parsons, N.R. (1957). Zenith angle sensitivity of a cubical meson telescope. *Review of Scientific Instruments* 28:265. (UAC/29)
- Parsons, N.R. (1957). The solar daily variation of cosmic-ray meson intensity at $\lambda = 52^{\circ}\text{S}$ and $\lambda = 73^{\circ}\text{S}$. *Australian Journal of Physics* 10:387. (UAC/30)
- Parsons, N.R. (1957). Directional measurements of the daily variation of cosmic-ray meson intensity at $\lambda = 73^{\circ}\text{S}$. *Australian Journal of Physics* 10:462. (UAC/31)

- Parsons, N.R. (1960). Phase changes in the daily variation of the cosmic ray nucleonic component. *Tellus* 12:450. (UAC/32)
- Parsons, N.R. (1960). Effects of short-term world-wide modulations of the primary cosmic radiation on observed daily intensity variations. *Journal of Geophysical Research* 65:3159. (UAC/33)
- Parsons, N.R., and Fenton, A.G. (1957). Solar daily cosmic ray variations observed with meson telescopes at high southern latitudes. Proceedings of Varenna Conference on Cosmic Rays. (UAC/34)
- Parsons, N.R., Greenhill, J.G., Fenton, K.B., and Fenton, A.G. (1963). A neutron intensity increase observed at high altitude in association with an auroral x-ray event. Proceedings of Jaipur Conference on Cosmic Rays 2:38. (UAC/58)
- Phillips, J., and Parsons, N.R. (1962). Some experiments with a mobile neutron monitor. *Journal of the Physical Society of Japan* 17, Supp. A-II. International Conference on Cosmic Rays and the Earth Storm. Part II:519. (UAC/38)

UPPER ATMOSPHERE PHYSICS

AURORA, ETC.

ANARE REPORTS

- Jacka, F., and Ballantyne, J. (1955). Instruments and methods for auroral observations. *ANARE Interim Reports*, No. 11. Pub. No. 23. (UAA/1)
- Parsons, N.R., and Fenton, K.B. (1953). Observations of the Aurora Australis, Macquarie Island, May 1950 - April, 1951. *ANARE Interim Reports*, No. 5. Pub. No. 9. (UAA/2)
- Simonow, G.V., and Ballantyne, J. (1965). Auroral parallactic photography. Part 1. *ANARE Scientific Reports* (C) 3. Pub. No. 80. (UAA/69)
- Simonow, G.V. (1965). Auroral parallactic photography. Parts 2 and 3. *ANARE Scientific Reports* (C) 3. Pub. No. 80. (UAA/70)

PAPERS

- Anderson, K.A., Auger, C.D., Brown, R.R., and Evans, D.S. (1962). Simultaneous electron precipitation in the northern and southern auroral zones. *Journal of Geophysical Research* 67:4076. (UAA/63)
- Bond, F.R. (1960). Motion of the aurora and magnetic bays. *Australian Journal of Physics* 13:477. (UAA/3)
- Bond, F.R. (1960). A preliminary account of the auroral display of 15 July 1959 as recorded in Australia and at ANARE stations. Symposium on the July 1959 Events and Associated Phenomena, U.G.G.I. Monograph No. 7. (UAA/4)
- Bond, F.R. (1964). Auroral rays. *Nature* 203:1275. (UAA/65)
- Bond, F.R. (1967). Auroral poles. *Australian Journal of Physics* 20:473. (UAA/77)
- Bond, F.R. (1968). Magnetic and auroral conjugacy. *Annales de Géophysique* 24 (2):1. (UAA/81)
- Bond, F.R. (1969). Auroral morphological similarities at two magnetically conjugate stations: Buckles Bay and Kotzebue. *Australian Journal of Physics* 22:421. (UAA/85)
- Bond, F.R., and Cole, K.D. (1959). Motion of the aurora and magnetic bays. Part 1: Observations. Antarctic Symposium, Buenos Aires. (UAA/5)
- Bond, F.R., and Jacka, F. (1959). Location of the southern auroral zone. Antarctic Symposium, Buenos Aires. (UAA/6)
- Bond, F.R., and Jacka, F. (1960). Distribution of auroras in the southern hemisphere. *Australian Journal of Physics* 13:610. (UAA/7)
- Bond, F.R., and Jacka, F. (1962). Distribution of auroras in the southern hemisphere. II. Nightly probability of overhead aurora. *Australian Journal of Physics* 15:261. (UAA/47)

- Bond, F.R., and Jacka, F. (1963). Distribution of auroras in the southern hemisphere. III. Comparison with northern hemisphere. *Australian Journal of Physics* 16:514. (UAA/61)
- Bond, F.R. and Thomas, I.L. (1970). The southern auroral oval. *Australian Journal of Physics* 24:97. (UAA/90)
- Cole, K.D. (1959). Motion of the aurora and magnetic bays. Part II. Theoretical treatment. Antarctic Symposium, Buenos Aires. (UAA/8)
- Cole, K.D. (1959). Electro-hydromagnetic waves in a fully ionized gas - I. *Planetary and Space Science* 1:319. (UAA/9)
- Cole, K.D. (1959). Low-energy corpuscular radiation at high latitudes. *Nature* 183:738. (UAA/10)
- Cole, K.D. (1960). Solar terrestrial relationships. *Nature* 186:874. (UAA/11)
- Cole, K.D. (1960). A dynamo theory of the aurora and magnetic disturbance. *Australian Journal of Physics* 13:484. (UAA/12)
- Cole, K.D. (1961). Hydromagnetics and stellar structure. *Nature* 189:31. (UAA/13)
- Cole, K.D. (1961). Airglow and the south Atlantic geomagnetic anomaly. *Journal of Geophysical Research* 66:3064. (UAA/14)
- Cole, K.D. (1961). Electro-hydromagnetic waves in a fully ionized gas - II. *Planetary and Space Science* 5:292. (UAA/15)
- Cole, K.D. (1961). On solar wind generation of polar geomagnetic disturbance. *Geophysical Journal of the Royal Astronomical Society* 6:103. (UAA/16)
- Cole, K.D. (1962). Hydromagnetic radiation of the sun and its effect at the earth. *Journal of the Physical Society of Japan* 17, Supp. A-II. International Conference on Cosmic Rays and the Earth Storm. Part II:6. (UAA/30)
- Cole, K.D. (1962). Interaction of trapped radiation and the D₅ current system. *Journal of the Physical Society of Japan* 17, Supp. A-I. International Conference on Cosmic Rays and the Earth Storm. Part I:296. (UAA/31)
- Cole, K.D. (1962). Variation of upper atmosphere densities with solar activity. *Journal of the Physical Society of Japan* 17, Supp. A-I. International Conference on Cosmic Rays and the Earth Storm. Part I:183. (UAA/32)
- Cole, K.D. (1962). A note on partial criticisms of dynamo theory of magnetic disturbance. *Journal of Atmospheric and Terrestrial Physics* 24:541. (UAA/40)
- Cole, K.D. (1962). On Chamberlain's theory of auroral bombardment. *Astrophysical Journal* 136:677. (UAA/43)
- Cole, K.D. (1962). Joule heating of the upper atmosphere. *Australian Journal of Physics* 15:223. (UAA/35)

- Cole, K.D. (1962). Magnetic bays at Macquarie Island. *Australian Journal of Physics* 15:277. (UAA/39)
- Cole, K.D. (1962). Orbital acceleration of satellites during geomagnetic disturbance. *Nature* 194:42. (UAA/42)
- Cole, K.D. (1962). A source of energy for the ionosphere. *Nature* 194:75. (UAA/41)
- Cole, K.D. (1962). Atmospheric blow-up at the auroral zone. *Nature* 194:761. (UAA/44)
- Cole, K.D. (1963). Motions of the aurora and radio-aurora and their relationships to ionospheric currents. *Planetary and Space Science* 10:129. (UAA/50)
- Cole, K.D. (1963). Damping of magnetospheric motions by the ionosphere. *Journal of Geophysical Research* 68:3231. (UAA/52)
- Cole, K.D. (1963). Some general theory of electron density irregularities in the ionospheric E-region. *Planetary of Space Science* 11:759. (UAA/53)
- Cole, K.D. (1963). Sifting of ions in the ionosphere. *Planetary and Space Science* 11:779. (UAA/54)
- Cole, K.D. (1963). Distribution of trapped particles in a magnetic field. *Planetary and Space Science* 11:1219. (UAA/59)
- Cole, K.D. (1963). Joule heating of the ionosphere over Halley Bay. *Nature* 199:444. (UAA/57)
- Cole, K.D. (1963). Distinguishing between the solar, the interplanetary and geomagnetic fields. *Nature* 199:897. (UAA/60)
- Cole, K.D. (1963). Polar geomagnetic disturbance. *Geophysical Journal of the Royal Astronomical Society* 8:268. (UAA/56)
- Cole, K.D. (1963). The directions of auroral rays. *Australian Journal of Physics* 16:32. (UAA/51)
- Cole, K.D. (1963). The directions of auroral rays. II. Methods of determination. *Australian Journal of Physics* 16:520. (UAA/58)
- Cole, K.D. (1963). Eccentric dipole co-ordinates. *Australian Journal of Physics* 16:423. (UAA/49)
- Cole, K.D. (1964). On the depletion of ionization in the outer magnetosphere during magnetic disturbances. *Journal of Geophysical Research* 69:3595. (UAA/64)
- Cole, K.D. (1965). Stable auroral red arcs, sinks for energy of D_{st} main phase. *Journal of Geophysical Research* 70:1689. (UAA/68)
- Cole, K.D., and Bond, F.R. (1961). Criticism of the theory of magnetic bays of Bless, Gartlein, Kimball, and Sprague. *Journal of Geophysical Research* 66:327. (UAA/17)
- Cole, K.D., and Jacka, F. (1961). Magnetic bays, auroral orientation, and isochasms. *Journal of Geophysical Research* 66:1584. (UAA/18)

- Cresswell, G.R. (1964). Sodium layer heights over Antarctica. *Australian Journal of Physics* 17:257. (UAA/62)
- Denholm, J.V. (1961). Some auroral observations inside the southern auroral zone. *Journal of Geophysical Research* 66:2105. (UAA/19)
- Denholm, J.V., and Bond, F.R. (1961). Orientation of polar auroras. *Australian Journal of Physics* 14:193. (UAA/20)
- Eather, R.H. (1964). The Antarctic aurorae. *Australian Photography* 15:34 (December Issue). (UAA/66)
- Eather, R.H., and Burrows, K.M. (1966). Excitation and ionization by auroral protons. *Australian Journal of Physics* 19:309. (UAA/74)
- Eather, R.H., and Jacka, F. (1966). Auroral absorption of cosmic radio noise. *Australian Journal of Physics* 19:215. (UAA/72)
- Eather, R.H., and Jacka, F. (1966). Auroral hydrogen emission. *Australian Journal of Physics* 19:241. (UAA/73)
- Eather, R.H., and Sandford, B.P. (1966). The zone of hydrogen emission in the night sky. *Australian Journal of Physics* 19:25. (UAA/71)
- Francis, R.J., Bennett, J.M., and Seedsman, D.L. (1966). Noctilucent clouds observed in Antarctica. *Nature* 211:398. (UAA/75)
- Francis, R.J., and Jacka, F. (1969). Studies on auroral emission using an image intensifier. *Journal of Atmospheric and Terrestrial Physics* 31:327. (UAA/84)
- Hajkowicz, L.A. (1968). Indirect evidence of daytime aurora at conjugate points. *Journal of Atmospheric and Terrestrial Physics* 30:1649. (UAA/82)
- Hajkowicz, L.A. (1969). The role of post-breakup pulsating aurora in conjugate point absorption increases. *Journal of Atmospheric and Terrestrial Physics* 31:1365. (UAA/86)
- Hajkowicz, L.A. (1970). Conjugate riometer studies of auroral zones cosmic noise absorption. *Australian Journal of Physics* 23:187. (UAA/87)
- Hajkowicz, L.A. (1970). Absorption increases at the auroral zone conjugate areas during geomagnetically disturbed periods. *Planetary and Space Science* 18:1005. (UAA/88)
- Jacka, F. (1953). The southern auroral zone as defined by the position of homogeneous arcs. *Australian Journal of Physics* 6:219. (UAA/21)
- Jacka, F., and Bond, F.R. (1967). Optical and auroral morphology. Symposium Birkeland, September 1967. (UAA/79)
- Jacka, F. (1954). Variations of intensity of the aurora at Macquarie Island. *Australian Journal of Physics* 7:477. (UAA/22)
- Jacka, F. (1957). Advice on auroral observations. Auroral Data Centre, Melbourne. (UAA/24)

- Jacka, F. (1961). Association of auroras in the northern and southern hemispheres. *Annals of the IGY* 11:145. (UAA/67)
- Kilfoyle, B.P. (1968). Antarctic sightings of noctilucent and nacreous clouds. *Nature* 218:154. (UAA/80)
- Kilfoyle, B.P., and Jacka, F. (1968). Geomagnetic L co-ordinates. *Nature* 220:773. (UAA/83)
- Leinbach, H., Schmidt, R.J., and Brown, R.R. (1970). Conjugate observations of an electron precipitation event associated with the sudden commencement of a magnetic storm. *Journal of Geophysical Research* 75:7099. (UAA/89)
- Major, G. (1954). The association of pulsating and flaming auroras with complete ionospheric absorption at Macquarie Island. *Australian Journal of Physics* 7:471. (UAA/25)
- Nilsson, C.S., and Weiss, A.A. (1962). Radio echo observations of meteors in the Antarctic. *Australian Journal of Physics* 15:1. (UAA/46)
- O'Brien, B.J. (1958). Energy spectrum of particles bombarding the Earth. *Nature* 182:521. (UAA/26)
- O'Brien, B.J. (1958). Energy spectrum of particles bombarding the Earth. Australian Atomic Energy Symposium. Section 4:512. (UAA/33)
- O'Brien, B.J. (1960). Southern-hemisphere observations of sodium emission throughout twilight. *Journal of Geophysical Research* 65:137. (UAA/27)
- O'Brien, B.J., and de la Harpe, G. (1960). Portable airglow photometer. *Journal of Scientific Instruments* 37:54. (UAA/28)
- Schaeffer, R.C. (1967). Ionospheric no-echo occurrences. *Nature* 214:376. (UAA/76)
- Schaeffer, R.C. (1967). The relation of auroral 'flat-type' sporadic-E to magnetic disturbance. *Journal of Atmospheric and Terrestrial Physics* 29:1511. (UAA/78)
- Schaeffer, R.C., and Jacka, F. (1971). The 6300 \AA and 5577 \AA emissions at Macquarie Island. *Journal of Atmospheric and Terrestrial Physics* 33:229. (UAA/91)
- Shaw, J.E. (1959). Outline of a theory of magnetic separation of auroral particles and the origin of the S_D field. *Planetary and Space Science* 2:49. (UAA/29)

UPPER ATMOSPHERE PHYSICS

IONOSPHERE

ANARE REPORTS

- Callow, D.R.L. (1956). Hourly measurements of ionospheric characteristics, Macquarie Island, 1955. *ANARE Interim Reports* No. 13. Pub. No. 27. (UAI/1)
- Cohen, D.S. (1952). Hourly measurements of ionospheric characteristics, Macquarie Island, 1950. *ANARE Interim Reports* No. 2. Pub. No. 4. (UAI/2)
- Dowden, R.L. (1957). Hourly measurements of ionospheric characteristics, Macquarie Island, 1956. *ANARE Interim Reports* No. 18. Pub. No. 41. (UAI/3)
- Firmstone, T.F. (1955). Hourly measurements of ionospheric characteristics, Macquarie Island, 1954. *ANARE Interim Reports* No. 12. Pub. No. 24. (UAI/4)
- Jeffrey, Z.R. (1953). Hourly measurements of ionospheric characteristics, Macquarie Island, 1951. *ANARE Interim Reports* No. 6. Pub. No. 10. (UAI/5)
- Little, A.S. (1956). Hourly measurements of ionospheric characteristics, Macquarie Island, 1953. *ANARE Interim Reports* No. 10. Pub. No. 26. (UAI/6)
- Major, G. (1956). Hourly measurements of ionospheric characteristics, Macquarie Island, 1952. *ANARE Interim Reports* No. 9. Pub. No. 25. (UAI/7)

PAPERS

- Brice, N.M. (1958). Note on short range echoes on ionospheric recorders. *Journal of Atmospheric and Terrestrial Physics* 13:179. (UAI/8)
- Brice, N.M. (1958). Variations in ionospheric F-region characteristics. *Australian Journal of Physics* 11:587. (UAI/9)
- Dowden, R.L. (1957). Short-range echoes observed on ionospheric recorders. *Journal of Atmospheric and Terrestrial Physics* 11:111. (UAI/10)
- Dowden, R.L. (1959). The temperature of the ionospheric D-region in the auroral zone as measured by radio frequency thermal radiation. Antarctic Symposium, Buenos Aires. (UAI/11)
- Dowden, R.L. (1960). Ionospheric thermal radiation at radio frequencies in the auroral zone. *Journal of Atmospheric and Terrestrial Physics* 18:8. (UAI/15)
- Dowden, R.L. (1961). Simultaneous observations of VLF noise ("hiss") at Hobart, Tasmania, and Macquarie Island. *Journal of Geophysical Research* 66:1587. (UAI/12)

- McInnes, B.A. (1961). A study of ionospherics at Macquarie Island. *Australian Journal of Physics* 14:218. (UAI/16)
- Major, G. (1955). D-layer ionospheric echoes at Macquarie Island. *Nature* 175:862. (UAI/13)
- Shaw, J.E. (1959). A theory of the origin and geomagnetic control of two types of high latitude E_S . *Planetary and Space Science* 2:56. (UAI/14)

UPPER ATMOSPHERE PHYSICS

UPPER ATMOSPHERE WINDS

PAPERS

- Elford, W.G. (1959). Wind measurements at Mawson in the 75-110 km region. Antarctic Symposium, Buenos Aires. (UAW/1)
- Elford, W.G. *and* Murray, E.L. (1960). Upper atmosphere wind measurements in the Antarctic. Proceedings of Space Science Symposium, Nice. (UAW/2)

UPPER ATMOSPHERE PHYSICS

VERY LOW FREQUENCY EMISSIONS

PAPERS

- Crouchley, J. (1961). A study of whistling atmospherics. I. Occurrence. *Australian Journal of Physics* 14:22. (UAE/1)
- Crouchley, J., and Brice, N.M. (1960). A study of "chorus" observed at Australian stations. *Planetary and Space Science* 2:238. (UAE/2)

METEOROLOGY

ANARE REPORTS

- Gibbs, W.J., Gotley, A.V., and Martin, A.R. (1950). Meteorology: Heard and Macquarie Islands, 1948. Part 1 (a) Results. *ANARE Reports* (D) 1, Pub. No. 1. (M/1)
- Gibbs, W.J., Gotley, A.V., and Martin, A.R. (1951). Meteorology: Heard and Macquarie Islands, 1948. Part 1 (b) Analysed charts. *ANARE Reports* (D) 1. Pub. No. 2. (M/2)
- Gibbs, W.J., Gotley, A.V., and Martin, A.R. (1952). Meteorology: Heard and Macquarie Islands, 1948. Part 1 (c) Discussion. *ANARE Reports* (D) 1. Pub. No. 5. (M/3)
- Commonwealth Bureau of Meteorology (1953). Meteorology: Heard and Macquarie Islands, 1949. *ANARE Reports* (D) 2. Pub. No. 13. (M/4)
- Commonwealth Bureau of Meteorology (1953). Meteorology: Heard and Macquarie Islands, 1950. *ANARE Reports* (D) 3. Pub. No. 14. (M/5)
- Commonwealth Bureau of Meteorology (1953). Meteorology: Heard and Macquarie Islands, 1951. *ANARE Reports* (D) 4. Pub. No. 15. (M/6)
- Commonwealth Bureau of Meteorology (1955). Meteorology: Heard and Macquarie Islands, 1952. *ANARE Reports* (D) 5. Pub. No. 20. (M/7)
- Commonwealth Bureau of Meteorology (1955). Meteorology: Heard and Macquarie Islands, 1953. *ANARE Reports* (D) 6. Pub. No. 21. (M/8)
- Commonwealth Bureau of Meteorology (1957). Meteorology: Mawson, Heard and Macquarie Islands, 1954. *ANARE Reports* (D) 7. Pub. No. 38. (M/9)
- Commonwealth Bureau of Meteorology (1958). Meteorology: Mawson and Macquarie Island, 1955. *ANARE Reports* (D) 8. Pub. No. 44. (M/10)
- Commonwealth Bureau of Meteorology (1959). Meteorology: Mawson and Macquarie Island, 1956. *ANARE Reports* (D) 9. Pub. No. 50. (M/11)
- Commonwealth Bureau of Meteorology (1960). Meteorology: Mawson, Davis, Taylor and Macquarie Island, 1957. *ANARE Reports* (D) 10. Pub. No. 54. (M/12)
- Commonwealth Bureau of Meteorology (1961). Meteorology: Mawson, Davis, Taylor and Macquarie Island, 1958. *ANARE Reports* (D) 11. Pub. No. 60. (M/13)
- Commonwealth Bureau of Meteorology (1963). Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1959. *ANARE Reports* (D) 12. Pub. No. 66. (M/14)
- Commonwealth Bureau of Meteorology (1963). Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1960. *ANARE Reports* (D) 13. Pub. No. 67. (M/75)
- Commonwealth Bureau of Meteorology (1964). Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1961. *ANARE Reports* (D) 14. Pub. No. 68. (M/77)

- Commonwealth Bureau of Meteorology (1965). Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1962. *ANARE Data Reports (D) 15*. Pub. No. 81. (M/82)
- Commonwealth Bureau of Meteorology (1966). Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1963. *ANARE Data Reports (D) 16*. Pub. No. 87. (M/83)
- Commonwealth Bureau of Meteorology (1967). Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1964. *ANARE Data Reports (D) 17*. Pub. No. 92. (M/84)
- Commonwealth Bureau of Meteorology (1968). Meteorology: Macquarie Island, Mawson and Wilkes 1965. *ANARE Data Reports (D) 18*. Pub. No. 98. (M/85)
- Commonwealth Bureau of Meteorology (1969). Meteorology: Macquarie Island, Mawson and Wilkes, 1966. *ANARE Data Reports (D) 19*. Pub. No. 109. (M/87)
- Commonwealth Bureau of Meteorology (1970). Meteorology: Macquarie Island, Mawson and Wilkes, 1967. *ANARE Data Reports (D) 20*. Pub. No. 113. (M/88)

PAPERS

- Albrecht, H.J., and Dingle, R. (1957). Measurements of solar radiation at Mawson, Antarctica, 1954. *Geofisica Pura e Applicata-Milano* 38:222. (M/15)
- Ball, F.K. (1956). The theory of strong katabatic winds. *Australian Journal of Physics* 9:373. (M/51)
- Ball, F.K. (1957). The katabatic winds of Adélie Land and King George V Land. *Tellus* 9:201. (M/52)
- Ball, F.K. (1960). Winds on the ice slopes of Antarctica. In "Antarctic Meteorology", (Pergamon Press: London). p.9. (M/16)
- Berson, F.A., and Radok, U. (1960). Antarctic surges and the zonal circulation. In "Antarctic Meteorology", (Pergamon Press: London). p.193. (M/17)
- Bird, I., Cresswell, G., Humble, J., Norris, D., and Bigg, E.K. (1961). Atmospheric ice nuclei in high southern latitudes. *Journal of Meteorology* 18:563. (M/18)
- Borland, R. (1953). Weather news from the outposts. Meteorological observations at Heard Island. *Australian Meteorological Magazine* 4:30. (M/59)
- Clarke, R.H. (1954). Frontal analysis over the Southern Ocean. *Australian Meteorological Magazine* 5:33. (M/60)
- Clarke, R.H. (1960). An attempt to deduce the effect of Antarctica on the temperature of middle latitudes by a controlled model experiment. In "Antarctic Meteorology", (Pergamon Press: London). p.221. (M/19)

- Commonwealth Bureau of Meteorology (1947). Report on the meteorological aspects of the Southern Ocean reconnaissance flights carried out by the Royal Australian Air Force on 12, 14 and 15 March, 1947. *Weather Development and Research Bulletin* (Commonwealth Bureau of Meteorology) 9:3. (M/57)
- Dalziel, K. (1955). Rawin measurements at Heard Island. *Australian Meteorological Magazine* 10:47. (M/20)
- Dingle, W.J.R. (1955). Extract from report by W.J.R. Dingle on year's operation at Mawson. *Australian Meteorological Magazine* 10:57. (M/61)
- Garriock, A. (1955). Cross section of Southern Ocean cyclone from observations at Kerguelen and Heard Islands. *Australian Meteorological Magazine* 10:71. (M/22)
- Gibbs, W.J. (1949). A period of analysis for the Southern Ocean and its implication in southern hemisphere circulation. *Weather Development and Research Bulletin* (Commonwealth Bureau of Meteorology, Melbourne) 12:5. (M/23)
- Gibbs, W.J. (1950). Meteorology at Heard and Macquarie Islands. *Australian Meteorological Magazine* 79:168. (M/24)
- Gibbs, W.J. (1958). Some problems associated with synoptic meteorology of the Southern Ocean and Antarctica. Symposium on Antarctic Meteorology. C.S.A.G.I., Moscow, 1958. (M/66)
- Gibbs, W.J. (1960). Antarctic synoptic analysis. In "Antarctic Meteorology". (Pergamon Press: London). p.84. (M/70)
- Gibbs, W.J. (1959). Meteorological aspects of International Geophysical Year in Antarctica. *Australian Meteorological Magazine* 27:6. (M/25)
- Gibbs, W.J. (1959). Jet streams in high southern latitudes. Antarctic Symposium, Buenos Aires. (M/26)
- Gibbs, W.J. (1960). International Antarctic Analysis Centre. *Polar Record* 10:86. (SCAR Bulletin 4 January 1960). (M/27)
- Gotley, A.V. (1950). Discussion and use of Antarctic analysis during a voyage of H.M.A.S. Australia. *Weather Development and Research Bulletin* (Commonwealth Bureau of Meteorology, Melbourne). 16:32. (M/28)
- Hannan, F.T., and Dingle, W.J.R. (1958). Operation of Australian meteorological stations in Antarctica, 1957. *Australian Meteorological Magazine* 32:1. (M/64)
- Hannay, A.K. (1960). Cold outbreaks in southern Australia in relation to sub-Antarctic circulations. In "Antarctic Meteorology". (Pergamon Press: London). p.153. (M/29)
- Karelsky, S. (1960). The surface circulation over Southern Ocean, southern Indian Ocean, Australasia and southern Pacific Ocean regions during 1957 and 1958. In "Antarctic Meteorology". (Pergamon Press: London). p.293. (M/30)

- Kerr, I.S. (1957). Atmospheric circulation around the Antarctic. Presented at ANZAAS Conference January, 1957. (M/63)
- Kraus, E.B. (1960). Problems of long term interaction between the Antarctic and temperate latitudes. In "Antarctic Meteorology" (Pergamon Press: London). p.145. (M/31)
- Krichak, O.G. (1958). The characteristic features of the atmospheric circulation over the Antarctic and their relationship with the processes in the southern hemisphere. Symposium on Antarctic Meteorology. CSAGL Moscow, 1958. (M/68)
- Langford, J.C. (1948). A study of some cyclo-genesis and cold outbreak. *Weather Development Research Bulletin* (Commonwealth Bureau of Meteorology, Melbourne) 11:47. (M/32)
- Langford, J.C. (1950). Some aspects of Southern Ocean analysis. *Weather Development Research Bulletin* (Commonwealth Bureau of Meteorology, Melbourne) 16:5. (M/33)
- Langford, J.C. (1957). Southern Ocean analysis with special reference to the period December 1954 - March 1955. *Australian Meteorological Magazine* 16:1. (M/62)
- Langford, J.C. (1960). Aspects of circulation and analysis of the Southern Ocean. In "Antarctic Meteorology" (Pergamon Press: London.) p.256. (M/34)
- Law, P.G. (1959). Antarctic physics. Presented at ANZAAS Conference - Perth, August, 1959. (M/69)
- Lied, N.T. (1964). Stationary hydraulic jumps in a katabatic flow near Davis, Antarctica, 1961. *Australian Meteorological Magazine* 47:40. (M/79)
- Lied, N.T. (1968). A note on limitations imposed by weather on the use of helicopters and light fixed wing aircraft in Antarctica. Some forecasting considerations. Commonwealth Bureau of Meteorology Note No. 14. (M/86)
- Lloyd, S.H. (1952). The movement of depressions over southern waters. *Australian Meteorological Magazine* 1:29. (M/35)
- Loewe, F. (1950). Foehn effects near the Balleny Islands, Antarctica. *Weather* 5:152. (M/37)
- Loewe, F., and Radok, U. (1950). A meridional aerological cross section in the south-west Pacific. *Journal of Meteorology* 7:58. (M/38)
- Loewe, F., and Radok, U. (1955). A wave cloud at Heard Island. *Weather* 10:78. (M/39)
- Loewe, F., Radok, U., and Grant, A. (1952). Eine säkulare Klimaänderung in südlichen Indischen Ozean? *Berichte des Deutschen Wetterdienstes in der U.S.-Zone* 42:11. (M/40)
- McRae, J.N. (1960). Air mass temperatures in the troposphere over Macquarie Island. *Australian Meteorological Magazine* 27. (M/42)

- Nather, K.B. (1960). Katabatic winds south of Mawson, Antarctica. In "Antarctic Meteorology". (Pergamon Press: London.) p.317. (M/41)
- Mellor, M., and Radok, U. (1959). Some properties of drifting snow. In "Antarctic Meteorology". (Pergamon Press: London.) p.333. (M/71)
- Mitchell, L.R. (1950). Arctic or Antarctic and Polar Fronts. *Weather Development and Research Bulletin* (Commonwealth Bureau of Meteorology, Melbourne) 15:40. (M/58)
- Norris, D.J., and Funk, J.P. (1961). Radiation observations at Mawson, Antarctica. *Australian Journal of Applied Science* 12:148. (M/43)
- Phillpot, H.R. (1959). The International Antarctic Analysis Centre, Melbourne. Antarctic Symposium, Buenos Aires. (M/44)
- Phillpot, H.R. (1962). Mean westerly jet streams in the southern hemisphere. Antarctic Research, Geophysical Monograph No. 7, American Geophysical Union. (Also issued as International Antarctic Analysis Centre Technical Report No. 2.) (M/80)
- Phillpot, H.R. (1962). Meteorology of Antarctica. Paper prepared for ANZAAS Section "P": Geography and Oceanography. Jubilee Congress, Sydney, August, 1962. (M/56)
- Phillpot, H.R. (1963). Some aspects of the climate of Antarctica. *Polar Record* 11:737. (Also issued as International Antarctic Analysis Centre Technical Report No. 2.) (M/74)
- Phillpot, H.R. (1964). The climate of the Antarctic. Biologie Antartique: Premier Symposium Organisé par le SCAR, Paris 2-8 Septembre 1962. Comptes-rendus. (Ed. R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris), p.73. (M/78)
- Phillpot, H.R. (1964). The springtime accelerated warming phenomenon in the Antarctic stratosphere. International Antarctic Analysis Centre Technical Report No. 3. (M/81)
- Schwerdtfeger, W. (1958). Comparison of the relation between surface wind speed and temperature in the southern parts of the Ross Sea and Weddell Sea. *Australian Meteorological Magazine* 23:51. (M/65)
- Shaw, P.J.R. (1955). Some effects of topography on weather observations at Heard Island. *Australian Meteorological Magazine* 10:34. (M/46)
- Shaw, P.J.R. (1957). Climate at Mawson during 1955. *Australian Meteorological Magazine* 18:1. (M/45)
- Shaw, P.J.R. (1960). Local winds in the Mawson area. In "Antarctic Meteorology". (Pergamon Press: London.) p.3. (M/47)
- Shaw, P.J.R. (1962). A note on the prevalence of the katabatic wind of Antarctica. *Australian Meteorological Magazine* 36:41. (M/53)
- Streten, N.A. (1960). A note on observations at Mawson and field stations in Mac.Robertson Land in 1960. *Australian Meteorological Magazine* 34:45. (M/50)

- Streten, N.A. (1962). Notes on weather conditions in Antarctica (with particular reference to the western part of Australian Antarctic Territory). *Australian Meteorological Magazine* 37:1. (M/55)
- Streten, N.A. (1962). Some peculiarities of ice formation in Mac.Robertson Land. *Australian Meteorological Magazine* 37:29. (M/54)
- Streten, N.A. (1963). Some observations of Antarctic katabatic winds. *Australian Meteorological Magazine* 42:1. (M/76)
- Treloar, H.M. (1960). Cold-streams from Antarctica and Southern Ocean latitudes reaching Melbourne and some effects on Australian weather. In "Antarctic Meteorology". (Pergamon Press: London.) p.176. (M/48)
- Wexler, H. (1958). Season and secular temperature changes in Antarctica. Symposium on Antarctic Meteorology. CSAGI Moscow, 1958. (M/67)
- Widdows, E.I. (1960). Extract from reports on meteorological operations at Mawson during 1959. *Australian Meteorological Magazine* 31:32. (M/49)

EARTH PHYSICS

GEOMAGNETISM

ANARE REPORTS

- Brooks, J.A. (1957). Magnetic observations at Heard Island, 1953. *ANARE Reports* (C) 1. Pub. No. 34. (EPM/1)
- Ingall, L.N. (1956). Magnetic observations at Heard Island, 1952. *ANARE Reports* (C) 1. Pub. No. 28. (EPM/2)
- Jacka, F. (1953). Magnetic observations at Heard, Kerguelen and Macquarie Islands, 1947-51. *ANARE Reports* (C) 1. Pub. No. 17. (EPM/3)
- Lodwick, K.B. (1958). Magnetic observations at Heard Island, 1954. *ANARE Reports* (C) 1. Pub. No. 42. (EPM/4)
- McGregor, P.M. (1956). Magnetic observations at Macquarie Island, 1952. *ANARE Reports* (C) 1. Pub. No. 31. (EPM/5)
- McGregor, P.M. (1960). Magnetic observations at Mawson, 1956. *ANARE Reports* (C) 1. Pub. No. 52. (EPM/6)
- Oldham, W.H. (1959). Magnetic observations at Mawson, 1955. *ANARE Reports* (C) 1. Pub. No. 48. (EPM/7)
- Pinn, J.D. (1960). Field magnetic observations in Antarctica. *ANARE Reports* (C) 1. Pub. No. 53. (EPM/8)
- Robertson, C.S. (1958). Magnetic observations at Macquarie Island, 1954. *ANARE Reports* (C) 1. Pub. No. 43. (EPM/9)
- Tenni, P.B., and Brooks, J.A. (1957). Magnetic observations at Macquarie Island, 1953. *ANARE Reports* (C) 1. Pub. No. 37. (EPM/10)

PAPERS

- Chamberlin, N.G. (1952). Observations of terrestrial magnetism at Heard, Kerguelen and Macquarie Islands. 1947-1948. *Bureau of Mineral Resources Australia Reports* No. 5. (EPM/14)
- Cole, K.D., and Simonow, G.V. (1963). A ready method for finding eccentric dipole time. *Nature* 199:1279. (EPM/16)
- Rayner, J.M. (1959). Geomagnetic work of the Bureau of Mineral Resources. Antarctic Symposium, Buenos Aires. (EPM/11)
- Robertson, C.S. (1959). Study of magnetic bays at Macquarie Island. Antarctic Symposium, Buenos Aires. *Bureau of Mineral Resources Australia Records* 1959/127. (EPM/12)
- Robertson, C.S. (1960). Magnetic bays at Macquarie Island. *Australian Journal of Physics* 13:470. (EPM/13)
- Simonow, G.V. (1963). Geomagnetic time. *Geophysical Journal* 8:258. (EPM/15)
- Varne, R., Gee, R.D., and Quilty, P.G.J. (1969). Macquarie Island and the cause of oceanic linear magnetic anomalies. *Science* 166:230. (EPM/17)

SEISMOLOGY

PAPERS

Browne-Cooper, P.J., Small, G.R., and Whitworth, R. (1967). Probable local seismicity at Wilkes, Antarctica. *New Zealand Journal of Geology and Geophysics* 10:443.

(S/1)

GRAVITY STUDIES

(No publications as yet)

GEOLOGY

ANARE REPORTS

- Crohn, P.W. (1959). A contribution to the geology and glaciology of the western part of Australian Antarctic Territory. *ANARE Reports (A) 3*. Pub. No. 49. (Also published as *Bureau of Mineral Resources Australia Bulletin 52*). (G/1)
- McLeod, I.R., and Gregory, C.M. (1966). Geological investigations along the Antarctic coast between longitudes 108°E and 166°E. *ANARE Scientific Reports (A) 3*. Pub. No. 83. (Also published as *Bureau of Mineral Resources Australia Report 78*). (G/37)
- Swaine, D.J. (1957). The trace element of some soils and rock from Macquarie Island, South Pacific Ocean. *ANARE Reports (A) 3*. Pub. No. 39. (G/2)
- Trail, D.S. (1970). Geological traverses on the Mac.Robertson Land and Kemp Land coast. *ANARE Interim Reports (A) 3*. Pub. No. 116. (Also published as *Bureau of Mineral Resources Australia Report 135*). (G/41)
- Trail, D.S., McLeod, I.R., Cook, P.J., and Wallis, G.R. (1967). Geological investigations by the Australian National Antarctic Research Expeditions, 1965. *ANARE Scientific Reports (A) 3*. Pub. No. 100. (Also published as *Bureau of Mineral Resources Australia Report 118*). (G/39)

PAPERS

- Balme, B.E., and Playford, G. (1967). Late Permian plant microfossils from the Prince Charles Mountains. *Review of Micropalaeontology 10*:179. (G/42)
- Bennett, A.J.R., and Taylor, G.H. (1970). Coals from the vicinity of the Prince Charles Mountains. Symposium on Antarctic Geology and Solid Earth Geophysics, Oslo, August 1970. (G/49)
- Crespin, I. (1960). Some recent Foraminifera from Vestfold Hills, Antarctica. *Scientific Reports of Tohoku University, Second Series (Geology) special volume 4*:19. (G/4)
- Dallwitz, W.B. (1968). Co-existing sapphire and quartz in granulite from Enderby Land, Antarctica. *Nature 219*:476. (G/43)
- Fleming, C.A. (1957). A new species of fossil *Chlamys* from the Drygalski Agglomerate of Heard Island, Indian Ocean. *Journal of the Geological Society of South Australia 5*:13. (G/44)
- Harding, R.R., and McLeod, I.R. (1967). Age of dolerite dykes in the Vestfold Hills, Antarctica. *Nature 215*:149. (G/38)
- Irving, E., Stephenson, P.J., and Major, A. (1965). Magnetism in Heard Island rocks. *Journal of Geophysical Research 70*:3421. (G/35)
- Kisaki, K. (1970). The sequence of metamorphism and deformation in the Mawson charnockite of East Antarctica. Symposium on Antarctic Geology and Solid Earth Geophysics, Oslo, August 1970. (G/50)

- Lambeth, A.J. (1952). A geological account of Heard Island. *Journal and Proceedings of the Royal Society of New South Wales* 86:14. (G/15)
- McCarthy, W.R., and Trail, D.S. (1964). The high-grade metamorphic rocks of the Mac.Robertson Land and Kemp Land Coast. In "Antarctic Geology". (Ed. R.J. Adie). (North-Holland: Amsterdam). p.473. (G/23)
- McKinnon, G.W. (1960). Structure of Antarctica. *Australian Journal of Science* 23:50. (G/5)
- McLeod, I.R. (1964). The saline lakes of the Vestfold Hills, Princess Elizabeth Land. In "Antarctic Geology". (Ed. R.J. Adie). (North-Holland: Amsterdam) p.65. (G/20)
- McLeod, I.R. (1964). Geological observations in Oates Land. In "Antarctic Geology". (Ed. R.J. Adie). (North-Holland: Amsterdam). p.482. (G/21)
- McLeod, I.R. (1964). An outline of the geology of the sector from 45°E to 80°E, Antarctica. In "Antarctic Geology". (Ed. R.J. Adie). (North-Holland: Amsterdam). p.237. (G/22)
- McLeod, I.R. (1965). Antarctica- geology and mineral resources. Eighth Commonwealth Mining and Metallurgical Congress, Australia and New Zealand, 1965. Handbook for Australia and New Zealand. p.165. (G/36)
- McLeod, I.R. (1970). Bibliography of reports on geology, geomorphology and glacial geology resulting from Australian work in Antarctica. *Bureau of Mineral Resources, Geology and Geophysics Report* 146. (G/40)
- Medvecky, A. (1970). Geology of the Beaver Lake area, Prince Charles Mountains. Symposium on Antarctic Geology and Solid Earth Geophysics, Oslo, August 1970. (G/50)
- Mawson, D. (1950). Basaltic lavas of the Balleny Islands: A.N.A.R.E. Report. *Transactions of the Royal Society of South Australia* 73:223. (G/13)
- Segnit, E.R. (1957). Sapphire-bearing rocks from Mac.Robertson Land. *Mineralogical Magazine* 31:690. (G/11)
- Stephenson, P.J. (1964). Some geological observations on Heard Island. In "Antarctic Geology". (Ed. R.J. Adie). (North-Holland: Amsterdam). p.14. (G/18)
- Trail, D.S. (1963). Low grade metamorphic rocks from the Prince Charles Mountains, East Antarctica. *Nature* 197:548. (G/14)
- Trail, D.S. (1964). The glacial geology of the Prince Charles Mountains. In "Antarctic Geology". (Ed. R.J. Adie). (North-Holland: Amsterdam). P.143. (G/28)
- Trail, D.S. (1964). Schist and granite in the southern Prince Charles Mountains. In "Antarctic Geology". (Ed. R.J. Adie). (North-Holland: Amsterdam). p.492. (G/29)
- Trail, D.S., and McLeod, I.R. (1960). Geology of Enderby Land. *American Geographical Society Antarctic Map Folio Series*, Folio 12, Sheet 11. (G/45)

- Trail, D.S., and McLeod, I.R. (1969). Geology of the Lambert Glacier region. *American Geographical Society Antarctic Map Folio Series*, Folio 12, Sheet 12. (G/46)
- Von der Borch, C.C., and Oliver, R.L. (1968). Comparison of heavy minerals in marine sediment with mainland rock outcrops along the coast of Antarctica between longitudes 40°E and 150°E. *Sedimentary Geology* 2:77. (G/47)
- Webb, A.W., McDougall, I., and Cooper, J.A. (1964). Potassium-argon dates from Vincennes Bay region and Oates Land, Antarctica. In "Antarctic Geology". (Ed. R.J. Adie). (North-Holland: Amsterdam). p.597. (G/30)
- White, Mary E. (1970). Permian flora from the Beaver Lake area, Prince Charles Mountains, Antarctica. In *Palaeontological Papers*, 1969. *Bureau of Mineral Resources Australia Bulletin* 126. (G/48)

GEODESY, CARTOGRAPHY

PAPERS

- Cook, D. (1961). Coastal mapping in Antarctica. *Australian Surveyor* 18:466. (GC/1)
- Lambert, B.P., and Law, P.G. (1959). A new map of the coastline of Oates Land and Eastern King George V Land. Antarctic Symposium, Buenos Aires. (GC/2)
- Law, P.G. (1957). Antarctic cartography. *Cartography* 2:1. (GC/3)

MAPS

- Antarctic Division (1963). Map of Antarctica: Scientific Stations. (GC/17)
- Antarctic Division (1964). Map of Antarctica: Scientific Stations. (GC/18)
- Department of the Interior, National Mapping Office. (1956). Antarctica, 1:10:000,000 Series, Azimuthal Equidistant Projection. Second Edition (revised). (GC/5)
- Division of National Mapping, Department of National Development. (1958). Vestfold Hills, Australian Antarctic Territory; 1:100,000 Series, Polyconic Projection, September, 1958. (GC/6)
- Division of National Mapping, Department of National Development. (1958). Australian Antarctic Territory. 1:2,000,000 Series, Polyconic Projection, First Edition, August, 1958. (GC/7)
- Division of National Mapping, Department of National Development (1962-). Australian Antarctic Territory, 1:250,000 Series, Universal Transverse Mercator Projection:
- Tange Promontory (SQ38-39/14), August 1962.
 - Simpson Peak (SQ38-39/15), August 1962.
 - Mount Riiser-Larsen (SQ38-39/11), March 1963.
 - Mount Codrington & Proclamation Island (SQ38-39/12 & Part 8), March 1964.
 - McLeod Nunataks (SQ38-39/16), March 1964.
 - Mawson (SQ40-41/15), June 1964.
 - Oxygarden Group (SQ40-41/10), May 1966.
 - Law Promontory (SQ40-41/14), May 1966.
 - Hansen Mountains (SR40-41/2), June 1966.
 - Nye Mountains (SR38-39/3), June 1966.
 - Mount Henderson and Anniversary Nunataks (SQ40-41/16 and part SR40-41/4), March 1967.
 - Aker Peaks and Cape Borley (SQ40-41/9 and part 5), September 1967.
 - Rayner Peak and Dismal Mountains (SQ40-41/13 and part SR40-41/1), October, 1967.
 - Grove Mountains (SS43-45/1 and part 5), December 1968.

- Law Dome and Cape Poinsett (SQ49-5D/10 and part 6), December 1968.
 Vincennes Bay (SQ49-50/9), March 1969.
 Stinear Nunataks (SR41-42/6), May 1969.
 Scullin Monolith (SQ41-42/15), March 1970.
 Bjerko Peninsula (SR41-42/16), March 1970.
 Church Mountain (SR41-42/3), March 1970.
 Crohn Massif (SR41-42/10), March 1970. (GC/9)
- Division of National Mapping, Department of National Development (1963).
 Australian Antarctic Territory; Mac.Robertson Land; Framnes Mts.,
 1:000,000 Series, Universal Transverse Mercator Projection,
 December 1963. (GC/10)
- Division of National Mapping, Department of National Development (1964). Heard
 Island, 1:50,000 Series, Universal Transverse Mercator Projection,
 1964. (GC/11)
- Division of National Mapping, Department of National Development (1965).
 Antarctica, 1:20,000,000, Polar Stereographic Projection. First
 Edition. (GC/19)
- Division of National Mapping, Department of National Development (1969).
 Antarctica, 1:10,000,000, Polar Stereographic Projection, 4th
 Edition. (GC/21)
- Division of National Mapping, Department of National Development (1971).
 Macquarie Island, 1:50,000, Universal Transverse Mercator
 Projection (Inset Plan of Northern Portion at 1:7,000). (GC/22)
- Hydrographic Branch, Department of the Navy (1949). Chart Aus. 08, Heard
 Island, 1:83,000 Series, Mercator Projection. (GC/8)
- Hydrographic Service, Royal Australian Navy (1961). Chart Aus. 600, Plans in
 the Australian Antarctic Territory: Approaches to Mawson, 1:20,000
 Series; Horseshoe Harbour, 1:5,000 Series: Approaches to Davis,
 1:20,000 Series, Gnomonic Projection, November 1961. (GC/12)
- Hydrographic Service, Royal Australian Navy (1961). Chart Aus. 601, Approaches
 to Wilkes Station, 1:50,000 Series, Mercator Projection, November
 1962. (GC/13)
- Hydrographic Service, Royal Australian Navy (1963). Chart Aus. 401, Australia
 to Antarctica, 1:8,500,000 Series, Mercator Projection, May 1963. (GC/15)
- Hydrographic Service, Royal Australian Navy (1964). Chart Aus. 606, Heard
 Island, 1:75,000 Series, Mercator Projection, 1964. (GC/14)
- Hydrographic Service, Royal Australian Navy (1965). Chart Aus. 402, Casey Bay
 to Cape Darnely, 1:1,000,000, Mercator Projection, September 1965. (GC/20)

GLACIOLOGY

ANARE REPORTS

- Blake, J.R. (1961). Solar halos in Antarctica. *ANARE Reports (A) 4*. Pub. No. 59. (GL/1)
- Budd, W.F. (1966). Glaciological studies in the region of Wilkes, Antarctica, 1961. *ANARE Scientific Reports (A) 4*. Pub. No. 88. (GL/50)
- Budd, W.F. (1969). The dynamics of ice masses. *ANARE Scientific Reports (A) 4*. Pub. No. 108. (GL/69)
- Landon Smith, I.H., and Woodberry, B. (1965). The photoelectric metering of wind-blown snow. *ANARE Interim Reports (A) 4*. Pub. No. 79. (GL/48)
- McLaren, W.A. (1968). A study of the local ice cap near Wilkes, Antarctica. *ANARE Scientific Reports (A) 4*. Pub. No. 103. (GL/65)
- McLeod, I.R. (1967). Glaciological observations in Enderby, Kemp and Mac.Robertson Lands, Antarctica. *ANARE Interim Reports (A) 4*. Pub. No. 90. (GL/55)
- Mellor, M. (1960). Sea ice measurements at Mawson and Davis, 1954-58. *ANARE Interim Reports*, No. 19. Pub. No. 55. (GL/2)
- Mellor, M. (1967). Mass economy of Antarctica: measurements, Mawson, 1957. *ANARE Scientific Reports (A) 4*. Pub. No. 97. (GL/60)
- Weller, G.E. (1967). Radiation fluxes over an Antarctic ice surface, Mawson 1961-62. *ANARE Scientific Reports (A) 4*. Pub. No. 96. (GL/58)
- Weller, G.E. (1968). The heat budget and heat transfer processes in Antarctic plateau ice and sea ice. *ANARE Scientific Reports (A) 4*. Pub. No. 102. (GL/64)
- Wishart, E.R. (1965). A new photoelectric drift snow gauge. *ANARE Interim Reports (A) 4*. Pub. No. 79. (GL/49)

PAPERS

- Allen, G.A., and Whitworth, R. (1970). Ice thickness determination at Wilkes. In (Ed. Gow, A.J., et al.) (1970). Publication No. 86 of IASH and SCAR. International Symposium on Antarctic Glaciological Exploration (ISAGE), 1968. p.405. (GL/75)
- Black, H.P., and Budd, W. (1964). Accumulation in the region of Wilkes, Wilkes Land, Antarctica. *Journal of Glaciology* 5:3. (GL/35)
- Budd, G.M., and Stephenson, P.J. (1970). Recent glacier retreat on Heard Island. In (Ed. Gow, A.J. et al.) (1970). Publication No. 86 of IASH and SCAR. International Symposium on Antarctic Glaciological Exploration (ISAGE), 1968. p.449. (GL/77)
- Budd, W.F. (1963). Glaciology of the Budd coast and its hinterland - a progress report. IGY World Data Centre A: Glaciology. American Geographical Society, New York, No. 13, p.33. (GL/36)

- Budd, W.F. (1965). Glaciological survey of the Amery Ice Shelf. *Antarctic* 4:158. (GL/54)
- Budd, W.F. (1966). The dynamics of the Amery Ice Shelf. *Journal of Glaciology* 6:335. (GL/51)
- Budd, W.F. (1966). The drifting of nonuniform snow particles. *Studies in Antarctic Meteorology: Antarctic Research Series* 9:59. (GL/56)
- Budd, W.F. (1967). Ablation from an Antarctic ice surface. Physics of Snow and Ice. Proceedings of the International Conference on Low Temperature Science, 1966, Vol. I, Part 1. (GL/62)
- Budd, W.F. (1968). The longitudinal velocity profile of large ice masses. Commission of Snow and Ice, General Assembly of Bern. Publication No. 79, p.58. (GL/66)
- Budd, W.F. (1970). The Wilkes ice-cap project. In (Ed. Gow A.J., et al.). Publication No. 86 of IASH and SCAR International Symposium on Antarctic Glaciological Exploration (ISAGE), 1968. p.414. (GL/76)
- Budd, W.F. (1970). The longitudinal stress and strain-rate gradients in ice masses. *Journal of Glaciology* 9:19. (GL/70)
- Budd, W.F. (1970). Ice flow over bedrock perturbations. *Journal of Glaciology* 9:29. (GL/71)
- Budd, W.F., Dingle, W.R.J., and Radok, U. (1966). The Byrd snow drift project: outline of results. *Studies in Antarctic Meteorology: Antarctic Research Series* 9:71. (GL/57)
- Budd, W.F., Janssen, D., and Radok, U. (1970). The extent of basal melting in Antarctica. *Polarforschung* Bd. 6, Jg. 39, 1969, Nr1, p.293, 1970. (GL/82)
- Budd, W.F., Landon Smith, I.H., and Wishart, E. (1967). The Amery Ice Shelf. Physics of Snow and Ice. Proceedings of the International Conference on Low Temperature Science, 1966, Vol. I, Part 1. (GL/63)
- Collins, B.G., and Sumner, C.J. (1963). An instrument for measuring vertical temperature profiles in small boreholes. *Geofisica Pura e Applicata* 54:77. (GL/37)
- Dingle, W.R.J., and Radok, U. (1961). Antarctic snow drift and mass transport. International Association of Scientific Hydrology (UGGL). Pub. No. 55, p.77. (GL/3)
- Goodspeed, M.J. (1958). Preliminary report on measurements of ice thickness on the Antarctic ice cap by seismic and gravimetric methods. *Bureau of Mineral Resources Australia Records* 1958/40. (GL/4)
- Goodspeed, M.J., and Jesson, E.E. (1959). Australian ice thickness measurements in Antarctica by seismic and gravity methods 1957-59. *Bureau of Mineral Resources Australia Records* 1959/128. (GL/5)
- Janssen, D., and Radok, U. (1961). Transient temperature distribution in ice caps and ice shelves. International Association of Scientific Hydrology. Pub. No. 55:112. (GL/40)

- Jenssen, D., and Radok, U. (1963). Heat conduction in thinning ice sheets. *Journal of Glaciology* 4:387. (GL/39)
- Jesson, E.E. (1959). Preliminary report of ice thickness measurements on the Antarctic ice cap by seismic and gravimetric methods (1958-59). *Bureau of Mineral Resources Australia Records* 1959/74. (GL/6)
- Jewell, F. (1962). Wilkes ice thickness measurements, Antarctica, 1961. *Bureau of Mineral Resources Australia Records* 1962/162. (GL/34)
- Kizaki, K. (1969). Ice-fabric study of the Mawson region, East Antarctica. *Journal of Glaciology* 8:253. (GL/68)
- Kizaki, K. (1969). Fabric analysis of surface ice near Casey Range, East Antarctica. *Journal of Glaciology* 8:375. (GL/72)
- Lambeth, A.J. (1951). Heard Island geography and glaciology. *Proceedings of the Royal Society of New South Wales* 84:92. (GL/7)
- Lambeth, A.J., (1951). Methods used in the preparation of snow and ice for petrological examination. *The Microscope* 8:126. (GL/8)
- Landon Smith, I.H. (1963). Bericht über glaziologische Untersuchungen des Amery-Schelfeises in der Antarktis. *Polarforschung* 5:190. (GL/44)
- Law, P.G. (1961). Iceberg accumulations as coastal features in Antarctica. *Polar Record* 10:414. (GL/30)
- Law, P.G. (1961). Terminology for Antarctic ice features. *Journal of Glaciology* 3:1165. (GL/31)
- Law, P.G. (1967). Movement of the Amery ice shelf. *Polar Record* 13:439. (GL/52)
- Lied, N.T. (1963). Notes on sastrugi and snow dune observations, ANARE satellite station, Vestfold Hills, 1961. *Australian Meteorological Magazine* 40:35. (GL/38)
- Loewe, F. (1948). Die Entstehung Kuppelformiger Eisberge. *Polarforschung*, Bd. 2, 19 Jg. Heft, 1/2/297. (GL/10)
- Loewe, F. (1949). An observation of "ball ice". *Journal of Glaciology* 1:340. (GL/11)
- Loewe, F. (1949). The formation of dome-shaped icebergs. *Journal of Glaciology* 1:282. (GL/12)
- Loewe, F. (1956). Notes on firn temperatures and ablation in Mac.Robertson Land, Antarctica. *Journal of Glaciology* 2:725. (GL/33)
- McLaren, A. (1966). Ice cap study, Wilkes, Antarctica. *Antarctic* 4:393. (GL/53)
- Mather, K.B. (1962). Further observations on sastrugi, snow dunes and the pattern of surface winds in Antarctica. *Polar Record* 11:158. (GL/32)
- Mather, K.B., and Goodspeed, M.J. (1959). Australian Antarctic ice thickness measurements and sastrugi observations, Mac.Robertson Land, 1957-58. *Polar Record* 9:436. (GL/16)

- Mellor, M. (1958). Australian glaciological contributions in Antarctica. *Journal of Glaciology* 3:279. (GL/17)
- Mellor, M. (1958). Photogrammetric flow measurements on Antarctic glaciers. *Transactions of the American Geophysical Union* 39:1158. (GL/18)
- Mellor, M. (1958). Antarctic geophysics. *Tellus* 10:498. (GL/19)
- Mellor, M. (1959). Ice flow in Antarctica. *Journal of Glaciology* 3:377. (GL/20)
- Mellor, M. (1959). Variations of the ice margins in East Antarctica. *Geographical Journal* 125:230. (GL/21)
- Mellor, M. (1959). Creep tests on Antarctic glacier ice. *Nature* 184:717. (GL/23)
- Mellor, M. (1959). Mass balance studies in Antarctica. *Journal of Glaciology* 3:522. (GL/24)
- Mellor, M. (1960). Gauging Antarctic drift snow. "Antarctic Meteorology" (Pergamon Press: London). p.347. (GL/25)
- Mellor, M. (1960). Antarctic ice terminology: ice dolines. *Polar Record* 10:92. (GL/26)
- Mellor, M. (1960). Temperature gradients in the Antarctic ice sheet. *Journal of Glaciology* 3:773. (GL/27)
- Mellor, M., and McKinnon, G.W. (1960). The Amery Ice Shelf and its hinterland. *Polar Record* 10:30. (GL/28)
- Mellor, M., and Radok, U. (1960). Some properties of drifting snow. In "Antarctic Meteorology" (Pergamon Press: London). p.333. (GL/29)
- Mellor, M. (1963). Glaciology at Melbourne University, Australia - CREEL Trip report supplement. IGY World Data Center A: Glaciology. American Geographical Society, New York, No. 13, p.33. (GL/42)
- Radok, U. (1969). Antarctic ice cores. *Australian Journal of Science* 32:255. (GL/73)
- Radok, U., Jenssen, D., and Budd, W. (1970). Steady-state temperature profiles in ice sheets. In (Ed. Gow, A.J., et al.) (1970). Publication No. 86 of IASH and SCAR. International Symposium on Antarctic Glaciological Exploration (ISAGE) 1968. p.152. (GL/74)
- Schwerdtfeger, P. (1970). Sea Ice: Antarctic aspects. In (Ed. Gow, A.J., et al.) (1970). International Symposium on Antarctic Glaciological Exploration (ISAGE), 1968. Publication No. 86 of IASH and SCAR P.511. (GL/81)
- Weller, G.E. (1967). The effect of absorbed solar radiation on the thermal diffusion in Antarctic fresh-water ice and sea ice. *Journal of Glaciology* 6:859. (GL/59)
- Weller, G.E. (1968). Heat-energy transfer through a four-layer system: air, snow, sea ice, sea water. *Journal of Geophysical Research* 73:1209. (GL/61)

- Weller, G.E. (1968). The annual heat energy transfer above and inside Antarctic blue ice. Commission of Snow and Ice, General Assembly of Bern. Pub. No. 79, p.417. (GL/67)
- Weller, G., and Schwerdtfeger, P. (1970). Thermal properties and heat transfer processes of the snow of the central Antarctic plateau. In (Ed. Gow, A.J., *et al.*) (1970). Publication No. 86 of IASH and SCAR. International Symposium on Antarctic Glaciological Exploration (ISAGE), 1968. p.284. (GL/78)
- Wishart, E.R. (1970). Electrification of Antarctic drifting snow. In (Ed. Gow, A.J., *et al.*). Publication No. 86 of IASH and SCAR. International Symposium on Antarctic Glaciological Exploration (ISAGE), 1968. p.316. (GL/80)

OCEANOGRAPHY

PHYSICAL OCEANOGRAPHY

PAPERS

- Barber, H.N., Dadswell, H.E., and Ingle, H.D. (1959). Transport of driftwood from South America to Tasmania and Macquarie Island. *Nature* 184: 203. (OP/1)
- Crooks, A.D. (1960). Oceanic observations in Antarctic waters, *M.V. Magga Dan*, 1959. Oceanographical Station List 44. Division of Fisheries and Oceanography, C.S.I.R.O., Aust. (OP/2)
- Law, P.G. (1961). The edge of the Antarctic continental shelf. *Polar Record* 10:415. (OP/3)
- Loewe, F. (1950). Some observations in the surface layers of Antarctic waters. *Marine Observer* 20:152. (OP/4)
- Loewe, F. (1957). A note on the sea-water temperatures at Macquarie Island. *Australian Meteorological Magazine* 19:60. (OP/5)

OCEANOGRAPHY

BIOLOGICAL OCEANOGRAPHY

ANARE REPORTS

- Bunt, J.S. (1960). Introductory studies of hydrology and plankton, Mawson, June 1956 - February 1957. *ANARE Reports* (B) 3. Pub. No. 56. (OB/1)
- Ealey, E.H.M., and Chittleborough, R.G. (1956). Plankton, hydrology and marine fouling at Heard Island. *ANARE Interim Reports* No. 15. Pub. No. 30. (OB/2)

PAPERS

- Bunt, J.S. (1955). The importance of bacteria and other microorganisms in the sea-water at Macquarie Island. *Australian Journal of Marine and Freshwater Research* 6:60. (OB/3)
- Bunt, J.S. (1959). Marine studies in the inshore waters of Antarctica near Mawson, 1956. *Nature* 183:1541. (OB/4)
- Ealey, E.H.M. (1954). (Letter to the editor of *Journal du Conseil International pour l'Exploration de la Mer* 19 (3).) (Deals with net plankton determination.) (OB/8)
- Hurley, D.E. (1961). Pelagic Hyperiid (Crustacea: Amphipoda) collected by the *Magga Don* between Australia and Antarctica, with some notes on their distribution. *New Zealand Journal of Science* 4:597. (OB/7)
- Manguin, E. (1954). Diatomées marines provenant de l'Ile Heard (ANARE). *Révue Algologique*, N.S.T.I., fasc. 1 (April 1954). (OB/9)
- Wood, E.J.F. (1959). An unusual diatom from the Antarctic. *Nature* 184:1962. (OB/5)
- Wood, E.J.F. (1960). Antarctic phytoplankton studies. *Proceedings of the Linnean Society of New South Wales* 85:215. (OB/6)

BIOLOGY

MICROBIOLOGY

PAPERS

- Bunt, J.S. (1954). Notes on the bacteria belonging to the Rhodobacteriineae Breed, Murray and Hitchens, and the Chlamydo bacteriales Buchanan occurring at Macquarie Island. *Proceedings of the Linnean Society of New South Wales* 79:63. (BM/2)
- Bunt, J.S. (1954). A comparative account of the terrestrial diatoms of Macquarie Island. *Proceedings of the Linnean Society of New South Wales* 79:34. (BM/1)
- Bunt, J.S. (1954). The effect of freezing and thawing on the surface structure of certain soils at Macquarie Island. *Australian Journal of Science* 17:36. (BM/8)
- Bunt, J.S. (1955). Microscopic and submacroscopic organisms in the soils of the Macquarie Island ecosystem. Ph.D. thesis, University of Sydney. (BM/9)
- Bunt, J.S. (1955). A note on the faecal flora of some antarctic birds and mammals at Macquarie Island. *Proceedings of the Linnean Society of New South Wales* 80:44. (BM/3)
- Bunt, J.S., and Rovira, A.D. (1955). Microbiological studies of some sub-antarctic soils. *Journal of Soil Science* 6:119. (BM/4)
- Bunt, J.S., and Rovira, A.D. (1955). The effect of temperature and heat treatment on soil metabolism. *Journal of Soil Science* 6:129. (BM/7)
- Bunt, J.S., and Tchan, Y.T. (1955). Estimation of protozoan population in soils by direct microscopy. *Proceedings of the Linnean Society of New South Wales* 80:148. (BM/5)
- Cameron, A.S. (1968). The isolation of a Psittacosis-Lymphogranuloma Venereum (PL) agent from an emperor penguin (*Aptenodytes forsteri*) chick. *Australian Journal of Experimental Biology and Medical Science* 46:647. (BM/10)
- Moore, B.W., and Cameron, A.S. (1969). Chlamydia antibodies in Antarctic fauna. *Avian Diseases* 13:681. (BM/11)
- Soucek, Z., and Mushin, R. (1970). Gastrointestinal bacteria of certain Antarctic birds and mammals. *Applied Microbiology* 20:561. (BM/12)
- Tchan, Y.T., and Bunt, J.S. (1954). Direct microscopy for study and count of soil protozoa. *Nature* 174:656. (BM/6)

BIOLOGY

BOTANY

ANARE REPORTS

- Bunt, J.S. (1965). Observations on the fungi of Macquarie Island. *ANARE Scientific Reports* (B) 2. Pub. No. 78. (BB/14)
- Clifford, H.T. (1953). The mosses of Macquarie Island and Heard Island. *ANARE Reports* (B) 2. Pub. No. 11. (BB/1)
- Filson, R.B. (1966). The lichens and mosses of Mac.Robertson Land. *ANARE Scientific Reports* (B) 2. Pub. No. 82. (BB/17)
- Taylor, B.W. (1955). The flora, vegetation and soils of Macquarie Island. *ANARE Reports* (B) 2. Pub. No. 19. (BB/2)

PAPERS

- Ashton, D.H. (1965). Regeneration pattern of *Poa foliosa* Hook F. on Macquarie Island. *Proceedings of the Royal Society of Victoria* 79:215. (BB/15)
- Ashton, D.H., and Gill, A.M. (1965). Pattern and process in a Macquarie Island feldmark. *Proceedings of the Royal Society of Victoria* 79:235. (BB/16)
- Bunt, J.S. (1956). Living and fossil pollen from Macquarie Island. *Nature* 177:339. (BB/3)
- Clifford, H.T. (1957). New records for Antarctic mosses. *Australian Journal of Science* 20:115. (BB/4)
- Costin, A.B., and Moore, D.M. (1960). The effects of rabbit grazing on the grasslands of Macquarie Island. *Journal of Ecology* 48:729. (BB/5)
- Dodge, C.W., and Rudolph, E.D. (1955). Lichenological notes on the flora of the Antarctic continent and the sub-Antarctic islands. I-IV. *Annals of the Missouri Botanical Garden* 42:131. (BB/6)
- Gillham, M. (1961). Modification of sub-Antarctic flora on Macquarie Island by sea birds and sea elephants. *Proceedings of the Royal Society of Victoria* 74:1. (BB/7)
- Hatt, H.H. (1949). Vitamin C content of an old antiscorbutic: the Kerguelen cabbage. *Nature* 164:1081. (BB/8)
- Hatt, H.H. and Szmer, A.Z. (1953). The seed fat of the Kerguelen cabbage (*Pringlea antiscorbutica*). *Journal of the Science of Food and Agriculture* 6:273. (BB/12)
- Jenkin, J.F. and Ashton, D.H. (1970). Productivity studies on Macquarie Island vegetation. In "Antarctic Ecology". (Ed. M.W. Holdgate). (Academic Press: London). pages 851-863. (BB/18)
- Moore, D.M. (1960). Chromosome numbers of flowering plants from Macquarie Island. *Botaniska Notiser* 113:185. (BB/9)

- Moore, D.M. (1964). Experimental taxonomic studies in Antarctic floras. In *Biologie Antarctique: Premier Symposium Organisé par le SCAR, Paris, 2-8 Septembre 1962. Comptes-rendus.* (Ed R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris). p.195. (BB/13)
- Taylor, B.W. (1954). An example of long distance dispersal. *Ecology* 35:569. (BB/10)
- Taylor, B.W. (1955). Terrace formation on Macquarie Island. *Journal of Ecology* 43:133. (BB/11)

BIOLOGY

ZOOLOGY

ANARE REPORTS

- Brown, K.G. (1957). The Leopard Seal at Heard Island, 1951-54. *ANARE Interim Reports* No. 16. Pub. No. 35. (BZ/9)
- Brown, K.G. (1964). The insects of Heard Island. *ANARE Reports* (B) 1. Pub. No. 73. (BZ/126)
- Chittleborough, R.G., and Ealey, E.H.M. (1953). Seal marking at Heard Island, 1949. *ANARE Interim Reports* No. 1. Pub. No. 3. (BZ/10)
- Downes, M.C., and Gwynn, A.M. (1955). Penguin marking at Heard Island, 1951 and 1953. *ANARE Interim Reports* No. 8. Pub. No. 18. (BZ/11)
- De Meillon, B. (1952). The fleas of sea birds in the Southern Ocean. *ANARE Reports* (B) 1. Pub. No. 6. (BZ/1)
- Downes, M.C., Ealey, E.H.M., Gwynn, A.M., and Young, P.S. (1959). The birds of Heard Island. *ANARE Reports* (B) 1. Pub. No. 51. (BZ/2)
- Evans, A.J. (1970). Some aspects of the ecology of a calanoid copepod, *Pseudoboeckella brevicaudata* Brady 1875, on a subantarctic island. *ANARE Scientific Reports* (B) 1. Pub. No. 110. (BZ/183)
- Gibbney, L.F. (1957). The seasonal reproductive cycle of the female Elephant Seal (*Mirounga leonina* Linn.) at Heard Island. *ANARE Reports* (B) 1. Pub. No. 32. (BZ/3)
- Gwynn, A.M. (1953). The status of the Leopard Seal at Heard Island and Macquarie Island, 1948-50. *ANARE Interim Reports* No. 3. Pub. No. 7. (BZ/12)
- Gwynn, A.M. (1953). Notes on the Fur Seals at Macquarie Island and Heard Island. *ANARE Interim Reports* No. 4. Pub. No. 8. (BZ/13)
- Gwynn, A.M. (1953). The egg-laying and incubation periods of Rockhopper, Macaroni and Gentoo Penguins. *ANARE Reports* (B) 1. Pub. No. 16. (BZ/4)
- Hughes, A.M. (1955). A new genus and species of Hyadesid Mite (*Algophagus antarcticus*) from Heard Island. *ANARE Reports* (B) 1. Pub. No. 22. (BZ/5)
- Kott, P. (1957). Some tunicates from Macquarie Island and Heard Island. *ANARE Reports* (B) 1. Pub. No. 40. (BZ/6)
- Kramp, P.L. (1957). Some jellyfish from Macquarie and Heard Island. *ANARE Reports* (B) 1. Pub. No. 33. (BZ/7)
- Watson, K.C. (1967). The terrestrial Arthropoda of Macquarie Island. *ANARE Scientific Reports* (B) 1. Pub. No. 99. (BZ/160)
- Zumpt, F. (1952). The ticks of sea birds. *ANARE Reports* (B) 1. Pub. No. 6. (BZ/8)

PAPERS

- Alexander, C.P. (1962). Insects of Macquarie Island: Diptera: Tipulidae. *Pacific Insects* 4:939. (BZ/83)
- Atyeo, W.T. (1963). New species and records of Bdellidae from Macquarie and the Auckland Islands (Acarina). *Pacific Insects* 5:445. (BZ/84)
- Béchervaise, J. (1954). Birds of Heard Island. *Victorian Naturalist* 71:71. (BZ/81)
- Béchervaise, J. (1967). Contrast in seals. *Victorian Naturalist* 84:33. (BZ/148)
- Beck, A.B. (1956). The copper content of the liver and blood of some vertebrates. *Australian Journal of Zoology* 5:1. (BZ/14)
- Brown, A.D. (1966). Breeding biology of the Snow Petrel *Pagodroma nivea* (Forster). *ANARE Scientific Reports* (B) 1. Pub. No. 89. (BZ/147)
- Brown, K.G. (1952). Observations on the newly born Leopard Seal. *Nature* 170:982. (BZ/15)
- Brundin, L. (1962). Insects of Macquarie Island: Diptera: Chironomidae. *Pacific Insects* 4:945. (BZ/85)
- Bryden, M.M. (1964). Insulating capacity of the subcutaneous fat of the Southern Elephant Seal. *Nature* 203:1299. (BZ/133)
- Bryden, M.M. (1966). Twin foetuses in the Southern Elephant Seal, *Mirounga leonina* (L.). *Papers and Proceedings of the Royal Society of Tasmania* 100:89. (BZ/144)
- Bryden, M.M. (1967). Testicular temperature in the southern elephant seal, *Mirounga leonina* (Linn.). *Journal of Reproduction and Fertility* 13:583. (BZ/155)
- Bryden, M.M. (1968). Development and growth of the southern elephant seal (*Mirounga leonina*) (Linn.). *Papers and Proceedings of the Royal Society of Tasmania*. 102:25. (BZ/159)
- Bryden, M.M. (1968). Lactation and suckling in relation to early growth of the southern elephant seal, *Mirounga leonina* (L.). *Australian Journal of Zoology* 16:739. (BZ/166)
- Bryden, M.M. (1968). Control of growth in two populations of elephant seals. *Nature* 217:1106. (BZ/167)
- Bryden, M.M. (1969). Relative growth of the major body components of the southern elephant seal, *Mirounga leonina* (L.). *Australian Journal of Zoology* 17:153. (BZ/169)
- Bryden, M.M. (1968). Growth and function of the subcutaneous fat of the elephant seal. *Nature* 220:597. (BZ/171)
- Bryden, M.M. (1969). Growth of the southern elephant seal, *Mirounga leonina* (Linn.). *Growth* 33:69. (BZ/175)

- Bryden, M.M. (1969). Regulation of relative growth by functional demand: its importance in animal production. *Growth* 33:143. (BZ/178)
- Bryden, M.M. (1970). Utilization of the meat of elephant seals. *Proceedings of the Australian Society of Animal Production* 8:106. (BZ/187)
- Bryden, M.M., and Lim, G.H.K. (1969). Blood parameters of the southern elephant seal (*Mirounga leonina*, linn.) in relation to diving. *Comparative Biochemistry and Physiology* 28:139. (BZ/170)
- Bryden, M.M., and Stokes, G.B. (1969). Metabolism of fatty acids in the southern elephant seal *Mirounga leonina* (L.). *Canadian Journal of Biochemistry* 47:757. (BZ/179)
- Budd, G.M. (1961). The biotopes of Emperor Penguin rookeries. *Emu* 61:171. (BZ/16)
- Budd, G.M. (1961). A dwarf egg of the Emperor Penguin. *Emu* 61:203. (BZ/17)
- Budd, G.M. (1961). Some notes on immature Emperor Penguins. *Emu* 61:204. (BZ/18)
- Budd, G.M. (1962). Population studies in rookeries of the Emperor Penguin *Aptenodytes forsteri*. *Proceedings of the Zoological Society of London* 139:365. (BZ/75)
- Budd, G.M. (1964). Sledging to the Emperors. *Animals* 4:390. (BZ/135)
- Budd, G.M. (1968). Population increase in the King Penguin, *Aptenodytes patagonica*, at Heard Island. *Auk* 85:689. (BZ/168)
- Budd, G.M. (1970). Further population growth in Heard Island penguins. *Auk* 87:366. (BZ/186)
- Budd, G.M., and Downes, M.C. (1965). Recolonization of Heard Island by the King Penguin, *Aptenodytes patagonica*. *Emu* 64:302. (BZ/132)
- Budd, G.M., and Downes, M.C. (1969). Population increase and breeding in the Kerguelen Fur Seal, *Arctocephalus tropicalis gazella* at Heard Island. *Mammalia* 33:58. (BZ/173)
- Bull, P.C. (1960). Parasites of the European Rabbit *Oryctolagus cuniculus* (L.) on some sub-Antarctic islands. *New Zealand Journal of Science* 3:258. (BZ/19)
- Bunt, J.S. (1954). The soil-inhabiting nematodes of Macquarie Island. *Australian Journal of Zoology* 2:264. (BZ/20)
- Cameron, A.S. (1969). The Auster Emperor Penguin rookery, 1965. *The Emu* 69:103. (BZ/177)
- Carrick, R. (1956). The wildlife of Macquarie Island. *Australian Museum Magazine* 12 (8):1. (BZ/21)
- Carrick, R. (1959). The contribution of banding to Australian bird ecology. In "Biogeography and Ecology in Australia." (W. Junk: Den Haag). p.369. (BZ/22)

- Carrick, R. (1960). Conservation of nature in the Antarctic. *SCAR Bulletin* 6:66. (also *Polar Record* 10:299). (BZ/23)
- Carrick, R. (1964). Southern Elephant Seals as subjects for ecological research. In *Biologie Antarctique: Premier Symposium Organisé par le SCAR, Paris 2-8 Septembre 1962. Comptes-rendus.* (Ed. R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris). p.421. (BZ/113)
- Carrick, R. (1964). Problems of conservation in and around the Southern Ocean. In *Biologie Antarctique: Premier Symposium Organisé par le SCAR, Paris 2-8 Septembre 1962. Comptes-rendus.* (Ed. R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris). p.589. (BZ/114)
- Carrick, R., Csordas, S.E., and Ingham, S.E. (1962). Studies on the Southern Elephant Seal, *Mirounga leonina* (L.). IV. Breeding and development. *C.S.I.R.O. Wildlife Research* 7:161. (BZ/77)
- Carrick, R., Csordas, S.E., Ingham, S.E., and Keith, K. (1962). Studies on the Southern Elephant Seal, *Mirounga leonina* (L.). III. The annual cycle in relation to age and sex. *C.S.I.R.O. Wildlife Research* 7:119. (BZ/76)
- Carrick, R., and Ingham, S.E. (1960). Ecological studies of the Southern Elephant Seal, *Mirounga leonina* (L.), at Macquarie Island and Heard Island. *Mammalia* 24:325. (BZ/25)
- Carrick, R., and Ingham, S.E. (1962). Studies on the Southern Elephant Seal, *Mirounga leonina* (L.). I. Introduction to the series. *C.S.I.R.O. Wildlife Research* 7:89. (BZ/74)
- Carrick, R., and Ingham, S.E. (1962). Studies on the Southern Elephant Seal, *Mirounga leonina* (L.). II. Canine tooth structure in relation to function and age determination. *C.S.I.R.O. Wildlife Research* 7:102. (BZ/75)
- Carrick, R., and Ingham, S.E. (1962). Studies on the Southern Elephant Seal, *Mirounga leonina* (L.), V. Population dynamics and utilization. *C.S.I.R.O. Wildlife Research* 7:198. (BZ/78)
- Carrick, R., and Ingham, S.E. (1967). Antarctic sea-birds as subjects for ecological research. *JARE Scientific Reports*, Special Issue No.1, p.151. (Proceedings of Symposium on Pacific-Antarctic Sciences, Tokyo, 1966). (BZ/152)
- Carrick, R., and Ingham, S.E. (1970). Ecology and population dynamics of Antarctic sea birds. In "Antarctic Ecology", 1. (Academic Press: London). p.505. (BZ/196)
- Carrick, R., Keith, K., and Gwynn, A.M. (1960). Fact and fiction on the breeding of the Wandering Albatross. *Nature* 188:112. (BZ/24)
- Carrick, R. *et al.* (1956 onwards). Annual reports of the Australian bird-banding scheme. *C.S.I.R.O. Wildlife Research*. (BZ/26)
- Chittleborough, R.G., and Ealey, E.H.M. (1950). Bird-ringing at Heard Island during 1949. *Emu* 50:102. (BZ/27)

- Colless, D.H. (1962). Insects of Macquarie Island. Diptera: Sciaridae. *Pacific Insects* 4:955. (BZ/86)
- Common, I.F.B. (1962). Insects of Macquarie Island. Lepidoptera: Pyralidae: Scopariinae. *Pacific Insects* 4:975. (BZ/87)
- Csordas, S.E. (1958). Breeding of the Fur Seal, *Arctocephalus forsteri* Lesson, at Macquarie Island. *Australian Journal of Science* 21:87. (BZ/28)
- Csordas, S.E. (1962). The Kerguelen Fur Seal on Macquarie Island. *Victorian Naturalist* 79:226. (BZ/88)
- Csordas, S.E. (1963). Leopard Seals on Macquarie Island. *Victorian Naturalist* 79:358. (BZ/111)
- Csordas, S.E. (1963). Sea Lions on Macquarie Island. *Victorian Naturalist* 80:32. (BZ/112)
- Csordas, S.E. (1963). The history of Fur Seals on Macquarie Island. *Victorian Naturalist* 80:255. (BZ/128)
- Csordas, S.E. (1964). Seal marking experiment at Macquarie Island. *Victorian Naturalist* 80:318. (BZ/129)
- Csordas, S.E. (1964). Wandering Elephant Seal. *Victorian Naturalist* 80:336. (BZ/131)
- Csordas, S.E. (1965). A few facts about the Southern Elephant Seal. *Victorian Naturalist* 82:70. (BZ/136)
- Csordas, S.E. (1966). Congenital penis malformation in Southern Elephant Seals (*Mirounga leonina* L.): *Journal of Mammalogy* 47:731. (BZ/149)
- Csordas, S.E., and Ingham, S.E. (1965). The New Zealand Fur Seal, *Arctocephalus forsteri* (Lesson), at Macquarie Island, 1949-1964. *C.S.I.R.O. Wildlife Research* 10:83. (BZ/141)
- Dalenius, P., and Wilson, O. (1958). On the soil fauna of the Antarctic and of the sub-Antarctic islands. The Oribatidae (Acari). *Arkiv för Zoologi* 11:393. (BZ/82)
- Dell, R.K. (1964). Land snails from sub-Antarctic islands. *Transactions of the Royal Society of New Zealand (Zoology)* 4:167. (BZ/116)
- Dell, R.K. (1964). Marine Mollusca from Macquarie and Heard Islands. *Records of the Dominion Museum* 4:267. (BZ/127)
- Downes, M.C. (1952). Arctic Terns in the sub-Antarctic. *Emu* 52:306. (BZ/29)
- Downes, M.C. (1953). Ringed Giant Petrels. *Notornis* 5:184. (BZ/30)
- Downes, M.C. (1955). Size variation in eggs and young of the Macaroni Penguin. *Emu* 55:19. (BZ/31)
- Downes, M.C., Gwynn, A.M., and Howard, P.F. (1954). Banding of Giant Petrels at Heard and Macquarie Islands. *Emu* 54:257. (BZ/32)

- Dunnet, G.M. (1961). Fleas from Macquarie Island, with a description of a new species of *Parapsyllus* Enderlein. *Proceedings of the Royal Entomological Society of London*(B) 30:43. (BZ/33)
- Dunnet, G.M. (1962). Insects of Macquarie Island. Siphonaptera. *Pacific Insects* 4:972. (BZ/110)
- Dunnet, G.M. (1964). Distribution and host relationships of fleas in the Antarctic. *Biologie Antarctique: Premier Symposium Organisé par le SCAR, Paris 2-8 Septembre 1962. Comptes-rendus.* (Ed. R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris). p.223. (BZ/122)
- Eadie, J., and Kirk, R.L. (1952). The sodium concentration in the blood cells and plasma of the Elephant Seal. *Australian Journal of Science* 15:26. (BZ/80)
- Ealey, E.H.M. (1954). Ecological notes on the birds of Heard Island. *Emu* 54:91. (BZ/34)
- Ealey, E.H.M. (1954). Analysis of stomach contents of some Heard Island birds. *Emu* 54:204. (BZ/35)
- Eastop, V.F. (1962). Insects of Macquarie Island. Hemiptera: Homoptera: Aphididae. *Pacific Insects* 4:937. (BZ/89)
- Edmonds, S.J. (1955). Acanthocephala collected by the Australian National Antarctic Research Expedition on Heard Island and Macquarie Island during 1948-50. *Transactions of the Royal Society of South Australia* 78:141. (BZ/36)
- Fain, A. (1962). Insects of Macquarie Island. Acarina: Trombidiformes: Ereyenetidae. *Pacific Insects* 4:921. (BZ/90)
- Fell, H.B., and Clark, H.E. (1959). *Anareaster*, a new genus of Asteroidea from Antarctica. *Transactions of the Royal Society of New Zealand* 87:185. (BZ/37)
- Forster, R.R. (1962). Insects of Macquarie Island. Araneida (Spiders). *Pacific Insects* 4:917. (BZ/91)
- Gibbney, L.F. (1953). Delayed implantation in the Elephant Seal. *Nature* 172:590. (BZ/38)
- Gibson, J.D. (1959). Fork-tailed Swift at Macquarie Island. *Emu* 59:64. (BZ/39)
- Gilchrist, A. (1952). Occurrence of the Snow Petrel at Heard Island. *Emu* 52:201. (BZ/40)
- Gressitt, J.L. (1962). Insects of Macquarie Island. Introduction. *Pacific Insects* 4:905. (BZ/92)
- Gwynn, A.M. (1953). Some additions to the Macquarie Island list of birds. *Emu* 53:150. (BZ/41)
- Hardy, D.E. (1962). Insects of Macquarie Island. Diptera: Coelopidae. *Pacific Insects* 4:963. (BZ/93)

- Hitchcock, W.B., and Carrick, R. (1959). Fifth annual report of the Australian bird-banding scheme. *C.S.I.R.O. Wildlife Research* 5:52. (BZ/42)
- Howard, P.F. (1954). ANARE bird banding and seal marking. *Victorian Naturalist* 71:73. (BZ/44)
- Howard, P.F. (1954). Banding of the Black-browed Albatross at Heard Island and Macquarie Island. *Emu* 54:256. (BZ/43)
- Howard, P.F. (1956). Banding of Giant Petrels at Heard and Macquarie Islands - II. *Emu* 56:401. (BZ/45)
- Ingham, S.E. (1957). Elephant Seals on the Antarctic Continent. *Nature* 180:1215. (BZ/46)
- Ingham, S.E. (1959). Banding of Giant Petrels by the Australian National Antarctic Research Expeditions 1955-58. *Emu* 59:189. (BZ/47)
- Ingham, S.E. (1960). The status of seals (Pinnipedia) at Australian Antarctic stations. *Mammalia* 24:422. (BZ/48)
- Ingham, S.E. (1962). New records for Australian Antarctic stations. *Emu* 62:126. (BZ/50)
- Ingham, S.E. (1964). Antarctic biological research since 1945. *Biologie Antarctique: Premier Symposium Organisé par le SCAR, Paris 2-8 Septembre 1962. Comptes-rendus.* (Ed. R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris). p.39. (BZ/121)
- Ingham, S.E. (1967). Branding elephant seals for life-history studies. *Polar Record* 13:447. (BZ/151)
- Jamieson, B.G.M. (1968). *Macquaridrilus*: a new genus of Tubificidae (Oligochaeta) from Macquarie Island. University of Queensland Papers, Department of Zoology, 3 (5). (BZ/197)
- Kalnenas, K. (1952). Ascorbic acid levels in the plasma of some Antarctic birds and mammals. *Nature* 169:836. (BZ/52)
- Keith, K., and Hines, M.P. (1958). New and rare species of birds at Macquarie Island during 1956 and 1957. *C.S.I.R.O. Wildlife Research* 3:50. (BZ/53)
- Kenny, R., and Haysom, N. (1962). Ecology of rocky shore organisms at Macquarie Island. *Pacific Science* 16:245. (BZ/54)
- Kerry, K.R. (1969). Intestinal disaccharidase activity in a monotreme and eight species of marsupials (with an added note on the disaccharidases of five species of sea birds). *Comparative Biochemistry and Physiology* 29:1015. (BZ/176)
- Kerry, K.R., and Messer, M. (1968). Intestinal glycosidases of three species of seals. *Comparative Biochemistry and Physiology* 25:437. (BZ/161)
- Knightley, R. (1951). Love dance of the Wanderer. *Wild Life* 14:130. (BZ/55)
- Knightley, R. (1952) Penguins are a funny people. *Wild Life* 15:11. (BZ/56)

- Kohn, M.A. (1962). Insects of Macquarie Island. Diptera: Dolichopodidae. *Pacific Insects* 4:959. (BZ/94)
- Lindholm, E. (1952). Bar-tailed Godwit at Macquarie Island. *Emu* 52:213. (BZ/57)
- Ling, J.K. (1965). Hair growth and moulting in the Southern Elephant Seal, *Mirounga leonina* (Linn.). In *Biology of the Skin and Hair Growth: Proceedings of a Symposium held at Canberra, Australia, 22-28 August 1964.* (Angus and Robertson: Sydney). (BZ/138)
- Ling, J.K. (1965). Functional significance of sweat glands and sebaceous glands in seals. *Nature* 208:560. (BZ/143)
- Ling, J.K. (1966). The skin and hair of the Southern Elephant Seal, *Mirounga leonina* (Linn.). I. The facial vibrissae. *Australian Journal of Zoology* 14:855. (BZ/146)
- Ling, J.K. (1968). The skin and hair of the Southern Elephant Seal, *Mirounga leonina* (L.). III. Morphology of the adult integument. *Australian Journal of Zoology* 16:629. (BZ/164)
- Ling, J.K., and Nicholls, D.G. (1963). Immobilization of Elephant Seals using succinylcholine chloride. *Nature* 200:1021. (BZ/120)
- Ling, J.K., Nicholls, D.G., and Thomas, C.D.B. (1967). Immobilization of Southern Elephant Seals with succinylcholine chloride. *Journal of Wildlife Management* 31:468. (BZ/156)
- Ling, J.K., and Thomas, C.D.B. (1967). The skin and hair of the Southern Elephant Seal, *Mirounga leonina* (L.). II. Pre-natal and early post-natal development and moulting. *Australian Journal of Zoology* 15:349. (BZ/150)
- Lugg, D.J. (1966). Annual cycle of the Weddell Seal in the Vestfold Hills, Antarctica. *Journal of Mammalogy* 47:317. (BZ/145)
- MacKenzie, D. (1968). The birds and seals of the Bishop and Clerk Islets, Macquarie Island. *Emu* 67:241. (BZ/163)
- Mawson, P.M. (1953). Parasitic Nematoda collected by the Australian National Antarctic Research Expedition: Heard Island and Macquarie Island, 1948-51. *Parasitology* 43:291. (BZ/58)
- Merilees, W.J. (1969). Longevity of Dominican Gulls. *Australian Bird Banders*. September 1969, p.60. (BZ/182)
- Merilees, W.J. (1970). A record of the Macaroni Penguin. *Emu* 70:88. (BZ/185)
- Merilees, W.J. (1970). A blue bottle in the sub-Antarctic. *Victorian Naturalist* 87:216. (BZ/189)
- Merilees, W., and Burn, R. (1969). *Archidoris kerguelensis* Bergh the first record of a nudibranch from Macquarie Island. *Victorian Naturalist* 86:138. (BZ/172)
- Murray, M.D. (1958). Ecology of the louse *Lepidophthirus macrorhini* Enderlein 1904 on the Elephant Seal *Mirounga leonina* (L.). *Nature* 182:404. (BZ/59)

- Murray, M.D. (1962). The Wandering Albatross: a brief review of studies in progress. *Australian Natural History* 14:75. (BZ/134)
- Murray, M.D. (1964). Ecology of the ectoparasites of seals and penguins. *Biologie Antarctique: Premier Symposium Organise par le SCAR, Paris 2-8 Septembre 1962. Comptes-rendus.* (Ed. R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris). p.241. (BZ/95)
- Murray, M.D. (1967). Ectoparasites of Antarctic seals and birds. *JARE Scientific Reports*, Special Issue No. 1, p.185. (Proceedings of Symposium on Pacific-Antarctic Sciences, Tokyo, 1966). (BZ/153)
- Murray, M.D., and Nicholls, D.G. (1968). Studies on the ectoparasites of seals and penguins. I. The ecology of the louse *Lepidophthirus macrorhini* Enderlein of the Southern Elephant Seal *Mirounga leonina* (L.). *Australian Journal of Zoology* 13:437. (BZ/137)
- Murray, M.D., Orton, M.N., and Cameron, A.S. (1967). The Antarctic flea. *Glaciopsyllus antarcticus* Smit and Dunnet. *Antarctic Research Series* 10:393. (BZ/158)
- Murray, M.D., Smith, M.S.R., and Soucek, Z. (1965). Studies on the ectoparasites of seals and penguins. Part II. The ecology of the louse *Antaretophthirus ogmorhini* Enderlein on the Weddell Seal *Leptomychotes weddelli* Lesson. *Australian Journal of Zoology* 13:761. (BZ/142)
- Murray, M.D., and Vestgens, W.J.M. (1967). Studies on the ectoparasites of seals and penguins. III. The distribution of the tick *Ixodes uriae* White and the flea *Parapsyllus magellanicus heardi* de Meillon on Macquarie Island. *Australian Journal of Zoology* 15:715. (BZ/154)
- Nicholls, D.G. (1970). Dispersal and dispersion in relation to the birthsite of the southern elephant seal, *Mirounga leonina* (L.) of Macquarie Island. *Mammalia* 34(4):3. (BZ/193)
- Nurse, F.R. (1963). Marine Tricladida from Macquarie Island. *Memoirs of the National Museum of Victoria* No. 26:157. (BZ/97)
- Orton, M.N. (1963). A brief survey of the fauna of the Windmill Islands, Wilkes Land, Antarctica. *Emu* 63:14. (BZ/98)
- Orton, M.N. (1963). Movements of young Giant Petrels bred in Antarctica. *Emu* 63(3):260. (BZ/99)
- Orton, M.N. (1968). Notes on Antarctic petrels *Thalassoica antarctica*. *Emu* 67:225. (BZ/162)
- Orton, M.N. (1970). Birds in Australia's Antarctica. *The Bird Lover*, 1970: 10. (BZ/188)
- Pawson, D.L. (1962). A new Sea Cucumber from Macquarie Island. *Transactions of the Royal Society of New Zealand (Zoology)* 2(7):47. (BZ/79)
- Pawson, D.L. (1968). Some holothurians from Macquarie Island. *Transactions of the Royal Society of New Zealand (Zoology)* 10:141. (BZ/165)

- Sabrosky, C.W. (1962). Insects of Macquarie Island. Diptera: Chloropidae, Milichiidae. *Pacific Insects* 4:973. (BZ/102)
- Serventy, D.L. (1952). White Egret at Macquarie Island. *Emu* 52:66. (BZ/60)
- Penney, R.L. (1964). The Adélie Penguin's faithfulness to territory and mate. *Biologie Antarctique: Premier Symposium Organisé par le SCAR, Paris 2-8 Septembre 1962. Comptes-rendus.* (Ed. R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris). p.401. (BZ/124)
- Quate, L.W. (1962). Insects of Macquarie Island. Diptera: Psychodidae. *Pacific Insects* 4:958. (BZ/101)
- Shaughnessy, P.D. (1969). Transferrin polymorphism and population structure and the Weddell Seal *Leptonychotes weddelli* (Lesson). *Australian Journal of Biological Sciences* 22:1581. (BZ/181)
- Shaughnessy, P.D. (1970). Serum proteins of two sibling species of Giant Petrel (*Macronectes* spp.). *Comparative Biochemistry and Physiology* 33:721. (BZ/184)
- Shaughnessy, P.D. (1970). Serum protein variation in southern fur seals, *Arctocephalus* spp., in relation to their taxonomy. *Australian Journal of Zoology* 18:331. (BZ/190)
- Shaughnessy, P.D. (1970). Ontogeny of haemoglobin in the royal penguin *Eudyptes chrysolophus schlegeli*. *Journal of Embryology and Experimental Morphology* 24:425. (BZ/191)
- Shaughnessy, P.D. (1970). The genetics of plumage phase dimorphism of the Southern Giant Petrel *Macronectes giganteus*. *Heredity* 25:501. (BZ/192)
- Shipp, E., Keith, K., Hughes, R.L., and Myers, K. (1963). Reproduction in a free-living population of domestic rabbits, *Oryctolagus cuniculus* (L.), on a sub-Antarctic island. *Nature* 200:858. (BZ/115)
- Simpson, K.G. (1965). The dispersal of regurgitated pumice gizzard-stones by the Southern Skua at Macquarie Island. *Emu* 65:119. (BZ/140)
- Simpson, K.G. (1965). First record of a grey plover at Macquarie Island. *Emu* 65:77. (BZ/139)
- Slack-Smith, R.J. (1962). A small collection of fish from Macquarie Island. *Memoirs of the National Museum of Victoria* 25:13. (BZ/61)
- Smit, F.G.A.M., and Dunnet, G.M. (1962). A new genus and species of flea from Antarctica (Siphonaptera: Ceratophyllidae). *Pacific Insects* 4:895. (BZ/103)
- Smithers, C.M. (1962). Insects of Macquarie Island. Psocoptera: Philotarsidae. *Pacific Insects* 4:929. (BZ/105)
- Stannard, L.J., Jr. (1962). Insects of Macquarie Island. Thysanoptera: Thripidae. *Pacific Insects* 4:933. (BZ/104)
- Vestgens, W.J.M. (1963). Remains of the extinct Banded Rail at Macquarie Island. *Emu* 62:249. (BZ/106)

- Von Keler, S. (1954). The Mallophaga from *Eudyptes chrysolophus* Brand and *E. cristatus* Miller. *Proceedings of the Royal Entomological Society, London* (B) 23:49. (BZ/62)
- Wallwork, J.A. (1963). The Oribatei (Acari) of Macquarie Island. *Pacific Insects* 5:721. (BZ/117)
- Warham, J. (1961). A Spine-tailed Swift at Macquarie Island. *Emu* 61:189. (BZ/63)
- Warham, J. (1962). The biology of the Giant Petrel *Macronectes giganteus*. *Auk* 79:139. (BZ/64)
- Warham, J. (1963). The Rockhopper Penguin *Eudyptes chrysocome* at Macquarie Island. *Auk* 80:228. (BZ/107)
- Warham, J. (1964). Breeding behaviour in Procellariiformes. Biologie Antarctique: Premier Symposium Organisé par le SCAR, Paris 2-8 Septembre 1962. Comptes-rendus. (Ed. R. Carrick, M. Holdgate, J. Prévost). (Hermann: Paris). p.381. (BZ/123)
- Warham, J. (1964). Marked Sooty Shearwaters *Puffinus griseus* in the Northern Hemisphere. *Ibis* 106:390. (BZ/174)
- Warham, J. (1967). The white-headed petrel, *Pterodroma lessoni* at Macquarie Island. *Emu* 76:1. (BZ/157)
- Warham, J. (1969). Notes on some Macquarie Island birds. *Notornis* 16:190. (BZ/180)
- Willing, R.L. (1958). Feeding habits of Emperor Penguins. *Nature* 182:194. (BZ/65)
- Willing, R.L. (1958). Australian discoveries of Emperor Penguin rookeries in Antarctica during 1954-57. *Nature* 182:1393. (BZ/66)
- Winter, G., and Nunn, W.J. (1950). The component fatty acids of Elephant Seal oil. *Journal of the Science of Food and Agriculture* No. 1:18. (BZ/67)
- Winter, G., and Nunn, W.J. (1950). The component fatty acids of Elephant Seal oil: the distribution in the body. *Journal of the Science of Food and Agriculture* No. 10:311. (BZ/68)
- Winter, G., and Nunn, W.J. (1950). The composition of Leopard Seal blubber fat. *Journal of the Science of Food and Agriculture* No. 10:314. (BZ/69)
- Winter, G., and Nunn, W.J. (1953). The composition of the blubber fat of Crabeater Seal. *Journal of the Science of Food and Agriculture* No. 9:439. (BZ/70)
- Winter, G., and Nunn, W.J. (1953). The component fatty acids of Elephant Seal oil: variations and relationship to blubber fats of other seals. *Journal of the Science of Food and Agriculture* No. 9:442. (BZ/71)
- Wirth, W.W. (1962). Insects of Macquarie Island. Diptera: Ephydriidae. *Pacific Insects* 4:971. (BZ/108)
- Womersley, H., and Strandtmann, R.W. (1963). On some free living prostigmatic mites of Antarctica. *Pacific Insects* 5:451. (BZ/119)
- Yoshimoto, C.M. (1962). Insects of Macquarie Island. Hymenoptera: Diapriidae. *Pacific Insects* 4:973. (BZ/109)

MEDICAL SCIENCE

BACTERIOLOGY

PAPERS

- Cameron, A.S. (1970). Staphylococcal epidemiology in Antarctica. *Journal of Hygiene* 68:43. (MDB/2)
- Cameron, A.S., and Moore, B.W. (1968). The epidemiology of respiratory infection in an isolated Antarctic community. *Journal of Hygiene* 66:427. (MDB/1)

MEDICAL SCIENCE

MEDICINE, PHYSIOLOGY

ANARE REPORTS

- Budd, G.M. (1964). General acclimatization to cold in men studied before, during and after a year in Antarctica. *ANARE Reports* (B) 4. Pub. No. 70. (MDP/11)

PAPERS

- Budd, G.M. (1962). Acclimatization to cold in Antarctica as shown by rectal temperature response to a standard cold stress. *Nature* 193:886. (MDP/4)
- Budd, G.M. (1962). A polio-like illness in Antarctica. *Medical Journal of Australia* 1 March. p.482. (MDP/5)
- Budd, G.M. (1962). Select general practice - Antarctica. *Sydney University Medical Journal* 51:20. (MDP/6)
- Budd, G.M. (1963). Many challenges for the medical practitioner in the Antarctic. *Health* 13:41. (MDP/10)
- Budd, G.M. (1964). Scientific problems for Antarctic doctors. *Image: Medical Photo Reports Roche*. p.9. (MDP/12)
- Budd, G.M. (1965). Effects of cold exposure and exercise in a wet cold Antarctic climate. *Journal of Applied Physiology* 20:417. (MDP/15)
- Budd, G.M. (1966). Skin temperature, thermal comfort, sweating, clothing and activity of men sledging in Antarctica. *Journal of Physiology* 186:201. (MDP/20)
- Budd, G.M., and Warhaft, N. (1966). Body temperature, shivering, blood pressure and heart rate during standard cold stress in Australia and Antarctica. *Journal of Physiology* 186:216. (MDP/21)
- Budd, G.M., and Warhaft, N. (1966). Cardiovascular and metabolic responses to noradrenaline in man, before and after acclimatization to cold in Antarctica. *Journal of Physiology* 186:233. (MDP/22)
- Budd, G.M., Hicks, K.E., Lugg, D.J., Murray, L.G., and Wigg, D.R. (1969). Thermal discomfort in the Antarctic and sub-Antarctic. *Medical Journal of Australia* 27 December. p.1285. (MDP/25)
- Budd, G.M., and Warhaft, N. (1970). Urinary excretion of adrenal steroids, catecholamines and electrolytes in man, before and after acclimatization to cold in Antarctica. *Journal of Physiology* 210:799. (MDP/27)
- Csordas, S.E. (1958). The problem of nutrition in Antarctic expeditions. The Dietetic Association Report, Victoria. (MDP/2)
- Elkington, E.J. (1968). Finger blood flow in Antarctica. *Journal of Physiology* 199:1. (MDP/24)

- Hicks, K.E. (1965). Changes in blood-clotting time, serum-cholesterol level, and plasma-prothrombin index in Antarctica. *Lancet* 22 January. p.30. (MDP/13)
- Hicks, K.E. (1966). Body weight, skin-fold thickness, blood pressure, pulse rate and oral temperature in Antarctica. *Medical Journal of Australia* 15 January. p.86. (MDP/17)
- Hicks, K.E. (1967). Changes in the blood-clotting mechanism, serum lipids, and basal blood pressure in Antarctica. *Clinical Science* 33:527. (MDP/23)
- Law, P.G. (1957). Nutrition in the Antarctic. The Annie B. Cunningham Memorial Lecture of the Royal Australian College of Physicians, *Medical Journal of Australia* 18 May. p.676. (MDP/3)
- Law, P.G. (1966). An offer of adventure. *Australian Health Education Advisory Digest* (AHEAD) 3(4):11. (MDP/18)
- Lugg, D.J. (1965). Thermal comfort in Antarctica. *Medical Journal of Australia* 30 October. p.746. (MDP/16)
- Lugg, D.J. (1966). Anaesthetics in Antarctica. *Polar Record* 13:187. (MDP/19)
- Lugg, D.J. (1970). Medical practice: Antarctica. *AMA Gazette* July 9. p.6. (MDP/26)
- Palmai, G. (1962). Thermal comfort and acclimatization to cold in a sub-Antarctic environment. *Medical Journal of Australia* 6 January. p.9. (MDP/7)
- Palmai, G. (1962). Diurnal and seasonal variations in deep body temperature. *Medical Journal of Australia* 22 December. p.989. (MDP/8)
- Palmai, G. (1962). Skin-fold thickness in relation to body weight and arterial blood pressure. *Medical Journal of Australia* 7 July. p.13. (MDP/9)
- Pardoe, R. (1965). A ruptured intracranial aneurysm in Antarctica. *Medical Journal of Australia* 6 March. p.344. (MDP/14)
- Southcott, R.V., Chesterfield, N.J., and Lugg, D.J. (1971). Vitamin A content of the liver of huskies and some seals from Antarctic and sub-Antarctic regions. *Medical Journal of Australia* 6 February. p.311. (MDP/28)

MEDICAL SCIENCE

PSYCHOLOGY

PAPERS

- Gault, V., and Palmai, G. (1961). Psychological observations on an isolated group in Antarctica. Bulletin of the Congress of the British Psychological Society. (MDPS/5)
- Law, P.G. (1959). Psychological aspects of life at an Antarctic station. Antarctic Symposium, Buenos Aires. (MDPS/1)
- Law, P.G. (1960). Personality problems in Antarctica. Stawell Oration. *Medical Journal of Australia* 20 February. p.273. (MDPS/2)
- Law, P.G. (1960). Some psychological aspects of life at an Antarctic station. *Discovery* 21:431. (MDPS/3)
- Law, P.G. (1962). The selection of men for Antarctic expeditions. World Health Organization Conference on Medicine and Public Health in the Arctic and Antarctic, Geneva. (MDPS/6)
- Law, P.G. (1963). The mental strains of Antarctic solitude. *UNESCO Courier*. 16th Year (No. 6).p.26. (MDPS/4)
- Owens, A.G. (1966). The assessment of individual performance in small Antarctic groups. Part I: OIC's rating scales. Research Report No. 3/66. I Psychological Research Unit, Australian Military Forces. (MDPS/8)
- Owens, A.G. (1967). The assessment of individual performance in small Antarctic groups. Part II: Ratings on the Leary international checklist. Research Report No. 9/67. I Psychological Research Unit, Australian Military Forces. (MDPS/9)
- Owens, A.G. (1967). The assessment of performance in small Antarctic groups. Part III: Interpersonal checklist items. Research Report No. 10/67. I Psychological Research Unit, Australian Military Forces. (MDPS/10)
- Owens, A.G. (1968). Some biographical correlates of assessed performance in small Antarctic groups. Research Report No. 12/68. I Psychological Research Unit, Australian Military Forces. (MDPS/11)
- Palmai, G. (1962). Psychological aspects of transient populations in the sub-Antarctic. World Health Organization Conference on Medicine and Public Health in the Arctic and Antarctic, Geneva. (MDPS/7)

LOGISTICS

PAPERS

- Ballantyne, J., and Nisbet, J. (1963). A light-weight portable hut for field use. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.197. (L/S)
- Black, H.P. (1962). A new type of blizzard mask. *Polar Record* 11:199. (L/1)
- Black, H.P. (1962). A navigation device for steering vehicles in featureless terrain. *Polar Record* 11:296. (L/2)
- Black, H.P. (1963). A navigation device for steering vehicles on the polar ice-cap. *Journal of the Institute of Navigation* 16:375. (L/28)
- Black, H.P. (1963). A blizzard visor for improved vision. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.520. (L/6)
- Black, H.P. (1963). A method of navigating over featureless snow surfaces. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.660. (L/7)
- Brown, A.M. (1965). Mass materials: ice. Australian Architectural Students' Association Convention, Melbourne. (L/29)
- Brown, A.M. (1968). Integration of power, heating and water supplies applied at Australian Antarctic stations. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):159. (L/36)
- Brown, A.M., De Mole, D., and Gamble, J.A. (1968). Structural design of an elevated station. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):113. (L/33)
- Brown, A.M., and Smith, F.A. (1968). Experience with Nodwell RN110B tracked carrier. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):321. (L/40)
- Brown, A.M., and Smith, F.A. (1968). A small caravan for Antarctic traverses. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):329. (L/41)
- Dalton, R.F.M. (1963). The operation of Beaver aircraft for Antarctic operations. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.46. (L/8)
- Dalton, R.F.M. (1963). The equipping of a Beaver aircraft for Antarctic operations. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.60. (L/9)
- Dalton, R.F.M. (1968). Marking of airstrips in Antarctica. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):440. (L/42)

- De Mole, D., Smith, G.D.P., and Brown, A.M. (1968). Tests on building panels for structural strength and fire resistance. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):178. (L/39)
- Hedges, L., and Jacka, F. (1963). A simple design for a portable catamaran. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.657. (L/10)
- Jacka, F. (1963). A light-weight insulating field mattress. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.516. (L/11)
- Kefford, J.F. (1956). Food storage in Antarctica. *C.S.I.R.O. Food Preservation Quarterly* 16:47. (L/4)
- Law, P.G. (1963). Mooring aircraft in Antarctica against strong winds. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.73. (L/12)
- Law, P.G. (1963). The ANARE pocket medical kit. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.515. (L/13)
- Law, P.G. (1963). The use of woollen garments in Antarctica. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.517. (L/14)
- Law, P.G. (1965). Techniques of living, transport and communication. In "Antarctica: a New Zealand Antarctic Society Survey." (Ed. T. Hatherton). (Methuen: London). (L/3)
- Law, P.G. (1967). Development of techniques of logistic support for expeditionary activities. *Annals of the IGY* 44:145. (L/30)
- Law, P.G., and McMahon, P.F. (1963). The organization of supplies for an Antarctic station. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.507. (L/15)
- Law, P.G., and McMahon, P.F. (1963). The ANARE field ration pack. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.512. (L/16)
- Linton-Smith, N. (1968). Australian experience with clothing in Antarctica. Records of the Antarctic Treaty Meeting of Experts on Logistics, Tokyo, Japan. (2):S96. (L/45)
- Linton-Smith, N. (1968). Field training in Australia for Antarctic expeditions. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):532. (L/46)
- McMahon, P.F. (1963). The ANARE uniform. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.525. (L/17)
- Melbourne, W.H., and Styles, D.F. (1967). Wind tunnel tests on a theory to control Antarctic drift accumulation around buildings. Proceedings of the International Research Seminar: Wind effects on Buildings and Structures, Ottawa, 1967. p.135. (L/47)

- Smethurst, N.R. (1963). The economics of a D4 tractor train traverse. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.641. (L/18)
- Smethurst, N.R., and Dalton, R.F.M. (1963). The design of field caravans. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.395. (L/19)
- Smith, F.A. (1963). An economical snow-melting and central heating system. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.210. (L/20)
- Smith, F.A. (1963). The performance of D4 tractors on plateau traverses. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.375. (L/21)
- Smith, F.A. (1963). The snow-trac, a useful scout vehicle. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.388. (L/22)
- Smith, G.D.P. (1963). An incinerator latrine. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.202. (L/23)
- Smith, G.D.P. (1963). Sea water for fire-fighting in Antarctica. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.206. (L/24)
- Smith, G.D.P. (1968). Accommodation for a temporary station on the Amery Ice Shelf. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):130. (L/34)
- Smith, G.D.P. (1968). Project planning, programming and site construction of an Antarctic station. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):140. (L/35)
- Smith, G.D.P. (1968). Experience in concreting in Antarctica. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):171. (L/38)
- Smith, G.D.P., and Gamble, J.A. (1968). Mooring bollards for ships in 100 knot (51 M/SEC) winds. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):481. (L/43)
- Smith, G.D.P., and Lugg, D.J. (1968). An Antarctic surgery: some design factors. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):532. (L/37)
- Styles, D.F. (1968). Icebreaker operations in Antarctic sea ice. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):490. (L/44)
- Styles, D.F., Brown, A.M., Smith, G.D.P., and Lukinovic, Z. (1963). Australian design and construction of Antarctic buildings. Symposium on Antarctic Logistics. National Academy of Sciences, Washington, D.C. p.175. (L/25)

Styles, D.F., *and* Melbourne, W.H. (1968). Outline design of a station to minimize drift accumulation. Records of the Antarctic Treaty Meeting of Experts on Logistics. Ministry of Education, Tokyo, Japan. (2):90.

(L/52)

GEOGRAPHY, NARRATIVE AND GENERAL

ANARE REPORTS

- Budd, G.M. (1964). The ANARE 1963 Expedition to Heard Island. *ANARE Reports* (A) 1. Pub. No. 74. (GNG/99)
- Cumpston, J.S. (1969). Macquarie Island. *ANARE Scientific Reports* (A) 1. Pub. No. 93. (GNG/120A)
- Law, P.G. (1959). The Vestfold Hills. *ANARE Reports* (A) 1. Pub. No. 47. (GNG/1)
- Law, P.G. (1964). The exploration of Oates Land, Antarctica. *ANARE Reports* (A) 1. Pub. No. 71. (GNG/95)
- Law, P.G., and Burstall, T. (1953). Heard Island. *ANARE Interim Reports* No. 7. Pub. No. 12. (GNG/2)
- Law, P.G., and Burstall, T. (1956). Macquarie Island. *ANARE Interim Reports* No. 14. Pub. No. 29. (GNG/3)
- McKinnon, G.W. (1965). Gazetteer of the Australian Antarctic Territory. *ANARE Interim Reports* Pub. No. 75. (GNG/100)
- Millett, M.R.O. (1965). List of publications resulting from the work of Australian National Antarctic Research Expeditions. *ANARE Interim Reports* Pub. No. 76. (This list has been revised to contain entries up to 1970 inclusive. This latest and present edition has the code number (GNG/134)). (GNG/101)
- Styles, D.F. (1964). Coastal exploration of Kemp and Enderby Lands, Antarctica. *ANARE Reports* (A) 1. Pub. No. 72. (GNG/67)

BOOKS

- Béchervaise, J.M. (1959). "Antarctica". Australian Explorers Series (Oxford University Press: Melbourne). (GNG/4)
- Béchervaise, J.M. (1961). "The Far South". (Angus and Robertson: Melbourne). (GNG/81)
- Béchervaise, J.M. (1963). "Blizzard and Fire: a Year at Mawson, Antarctica". (Angus and Robertson: Melbourne). (GNG/129)
- Brown, P.L. (1957). "Twelve Came Back". (Hale: London). (GNG/5)
- Dalziel, K. (1955). "Penguin Road". (Angus and Robertson: Sydney). (GNG/6)
- Dovers, R. (1957). "Huskies". (Bell: London). (GNG/7)
- Gillham, M. (1967). "Sub-Antarctic Sanctuary: Summertime on Macquarie Island". (Reed: Wellington). (GNG/130)
- Law, P.G., and Béchervaise, J.M. (1957). "ANARE: Australia's Antarctic Outposts". (Oxford University Press: Melbourne). (GNG/8)
- Scholes, A. (1949). "Fourteen Men". (Cheshire: Melbourne). (GNG/9)
- Scholes, A. (1953). "The Seventh Continent". (Allen and Unwin: London). (GNG/10)

Thomson, R.B. (1969). "The Coldest Place on Earth". (Reed: Wellington). (GNG/131)

PAPERS

- Antarctic Division (1958). Australians in the Antarctic. Illustrated Brochure. (GNG/11)
- Antarctic Division (1961). Australians in the Antarctic. Illustrated Brochure. (GNG/12)
- Antarctic Division (1962). List of publications, Biology (including Medicine) resulting from the work of ANARE. Prepared at the request of the Australian Academy of Science, Canberra, for distribution at SCAR Symposium on Antarctic Biology, Paris, September, 1962. (GNG/78)
- Antarctic Division (1962). Antarctica. Commonwealth Trades Alphabet, 1962 Edition, Sydney. p.26. (GNG/69)
- Antarctic Division (1962). ANARE. Australian Social Studies Project Aids, 1962 Edition. Australasian Social Studies: Melbourne. p.74. (GNG/71)
- Antarctic Division (1963). Australia and Other Nations in Antarctica. Australian Social Studies Project Aids, 1963 Edition. Australasian Social Studies: Melbourne. p.32. (GNG/79)
- Antarctic Division (1964). Man's Best Friend in Antarctica; The Coast of Oates Land; The Plateau from Wilkes to Vostok. Australasian Social Studies: Melbourne. p.22. (GNG/97)
- Antarctic Division (1965). Antarctica - some Geographical Notes; Antarctic Birds and Seals; Australians in Antarctica - Living, Working and Learning. Australian Social Studies Project Aids, 1965 Edition. Australasian Social Studies: Melbourne. (GNG/98)
- Antarctic Division (1965). Australian Antarctic Activities 1963-64. *Polar Record* 12:595. (GNG/84)
- Antarctic Division (1966). Australian activities in the Antarctic and sub-Antarctic, 1964-65. *Polar Record* 13:316. (GNG/109)
- Antarctic Division (1966). Antarctica. Australian Social Studies Project Aids, 1966 Edition. Australian Social Studies: Melbourne. p.98. (GNG/110)
- Antarctic Division (1967). Men of the frozen south. Australian Social Studies Project Aids, 1967 Edition. Australian Social Studies: Melbourne. p.68. (GNG/111)
- Antarctic Division (1967). Australian activities in the Antarctic and sub-Antarctic, 1965-66. *Polar Record* 13:614. (GNG/114)
- Antarctic Division (1968). Australian activities in the Antarctic and sub-Antarctic, 1966-67. *Polar Record* 89:198. (GNG/117)
- Antarctic Division (1968). The Antarctic Story. Australian Social Studies Project Aids 1968 Edition. Australian Social Studies: Melbourne. p.94. (GNG/119)

- Antarctic Division (1969). Life below zero. Australian Social Studies Project Aids, 1969 Edition. Australian Social Studies: Melbourne. p.86. (GNG/120)
- Antarctic Division (1969). Australian activities in the Antarctic and sub-Antarctic, 1967-68. *Polar Record* 14:820. (GNG/121)
- Antarctic Division (1970). Science of the South Pole; Southern survey. Australian Social Studies Project Aids, 1970 Edition. Australian Social Studies: Melbourne. p.54. (GNG/125)
- Antarctic Names Committee of Australia (1957 - 1970). New and Revised Names in the Australian Antarctic Territory, ANCA Papers 57/1, 57/2, 58/1, 58/2, 58/3, 60/2, 60/3, 61/1, 61/3, 62/1, 62/2, 63/1, 64/1. (Consolidated and published in McKinnon, G.W. (1965). Gazetteer of the Australian Antarctic Territory. *ANARE Interim Reports*. Pub. No. 76 (GNG/101)); 64/2, 64/3, 65/1, 65/2, 65/3, 65/4, 66/1, 66/2, 66/3, 69/1, 70/1, 70/2. (GNG/96)
- Armitage, A. (1953). Antarctica. *Wild Life* 18:350. (GNG/14)
- Béchervaise, J. (1959). The Antarctic yields its secrets. *Hemisphere* 3:1. (GNG/103)
- Béchervaise, J. (1962). A problem of weather, Big Ben, Heard Island: reconnaissances by members of the 1953 Australian National Antarctic Research Expedition. *Journal of the Fell and Rock Climbing Club* (G.B.) 19:225. (GNG/102)
- Budd, G.M. (1964). Heard Island Expedition, 1963. *Polar Record* 12:193. (GNG/82)
- Budd, G.M. (1970). Heard Island reconnaissance, 1969. *Polar Record* 95:335. (GNG/128)
- Burstall, T. (1950). The Australian automatic weather station on Lewis Islet, Wilkes Land. *Polar Record* 9:342. (GNG/15)
- Campbell, S.A.C. (1949). Australian aims in the Antarctic. *Polar Record* 5:317. (GNG/16)
- Campbell, S.A.C. (1952). Sea and air navigation. In "The Antarctic To day". (Ed. F. A. Simpson). (Reed: Wellington). p.237. (GNG/17)
- Campbell-Drury, A. (1970). Photographing in Antarctica. Antarctic Division: reprint of manual issued in 1966. (GNG/124)
- Corry, M. (1966). The vast continent of Antarctica. *Roadlines* 2(4):5. (GNG/113)
- Cresswell, G. (1961). Explorer on two wheels. *The Motor Cycle* 107:652. (GNG/70)
- Deacock, W. (1963). Epic climb of Heard Island's Big Ben. *BP Accelerator*, No. 220:4. (GNG/85)
- Gale, D'A. T. (1964). Two voyages to Antarctica with the Australian National Antarctic Research Expeditions, 1961 and 1962. *Survey Review* 18:221 and 260. (GNG/104)
- Garbett, F.W. (1953). Down south to adventure. *The Digest of World Reading* 16(9):21. (GNG/18)

- Gerrand, C.E.M. (1953). Australia's white shadow in the south. *BP Accelerator*, No. 162. (GNG/19)
- Hayne, R. (1970). Assignment Antarctica. *Professional Photography in Australia* Jan.-Feb. p.14. (GNG/122)
- Hösel, J. (1970). Teeming beaches of Macquarie Island. *Walkabout* 36(1): 2527. (GNG/123)
- Jacka, P. (1958). ANARE and the International Geophysical Year. *Professional Officers' Association Chronicle*, No. 132:8. (GNG/21)
- Law, P.G. (1951). Australian National Antarctic Research Expedition, 1948-50. *Polar Record* 6:80. (GNG/22)
- Law, P.G. (1962). Through the pack ice. In "The Antarctic Today". (Ed. F.A. Simpson). (Reed: Wellington). p.231. (GNG/23)
- Law, P.G. (1952). The National Antarctic Research Expedition. *Walkabout* 18:10. (GNG/24)
- Law, P.G. (1952). Developments in Antarctic research. *Australian Journal of Science* 15:1. (GNG/25)
- Law, P.G. (1953). The A.N.A.R. Expedition 1950-51. *Polar Record* 6:667. (GNG/26)
- Law, P.G. (1954). The Australian Antarctic Expedition to Mac.Robertson Land, 1954. *Geographical Journal* 120:409. (GNG/27)
- Law, P.G. (1955). The A.N.A.R. Expeditions, 1952-54. *Polar Record* 1:400. (GNG/28)
- Law, P.G. (1955). Antarctic exploration: achievements 1954-55. *Walkabout* 21:10. (GNG/29)
- Law, P.G. (1955). Australian National Antarctic Research Expeditions, 1954-55. *Polar Record* 7:497. (GNG/60)
- Law, P.G. (1956). Australia's part in the IGY in Antarctica. *Proceedings of the Royal Society of Victoria* 69:12. (GNG/30)
- Law, P.G. (1956). Australian National Antarctic Research Expeditions, 1955-56. *Polar Record* 8:258. (GNG/59)
- Law, P.G. (1956). Australian National Antarctic Research Expedition, 1955. *Geographical Journal* 122:31. (GNG/57)
- Law, P.G. (1957). Australian National Antarctic Research Expedition, 1956-57. *Polar Record* 8:533. (GNG/31)
- Law, P.G. (1957). A note on the terminology of ice tongues. *Polar Record* 8:375. (GNG/32)
- Law, P.G. (1957). ANARE buildings in Antarctica. *Polar Record* 8:329. (GNG/33)
- Law, P.G. (1957). The International Geophysical Year. *Melbourne University Magazine*. (GNG/34)
- Law, P.G. (1957). They chart the last unknown continent. *Australia Today*. October, p.51. (GNG/35)

- Law, P.G. (1957). The IGY and Commerce. This Business of Science, Lecture Series, Melbourne Chamber of Commerce. Mimeo. (GNG/43)
- Law, P.G. (1958). Australian geophysical research. *Bulletin of the Institute of Physics* 9:262. (GNG/36)
- Law, P.G. (1958). Australian National Antarctic Research Expedition, 1957-58. *Polar Record* 9:251. (GNG/37)
- Law, P.G. (1958). Australian coastal exploration in Antarctica, 1956. *Geographical Journal* 124:11. (GNG/38)
- Law, P.G. (1959). The IGY in Antarctica. *Australian Journal of Science* 21:285. (GNG/39)
- Law, P.G. (1959). The Antarctic voyage of M.V. Thala Dan, 1958. *Geographical Journal* 125:326. (GNG/40)
- Law, P.G. (1959). Recent exploration by the ANARE in the Australian sector of Antarctica. Antarctic Symposium, Buenos Aires. (GNG/41)
- Law, P.G. (1960). Australian National Antarctic Research Expedition, 1958-59. *Polar Record* 10:55. (GNG/42)
- Law, P.G. (1961). ANARE coastal exploration in Antarctica, 1959. *Geographical Journal* 127:427. (GNG/44)
- Law, P.G. (1961). Australian National Antarctic Research Expeditions, 1959-60. *Polar Record* 10:397. (GNG/52)
- Law, P.G. (1961). Helicopters to the rescue. *Walkabout*, August 10. (GNG/53)
- Law, P.G. (1962). Australian National Antarctic Research Expedition, 1960. *Polar Record* 11:184. (GNG/54)
- Law, P.G. (1962). New ANARE Landings in Australian Antarctic Territory, 1960. *Geographical Journal* 128(2):174. (GNG/55)
- Law, P.G. (1962). The Exploration of Oates Land. *Proceedings of the Royal Geographical Society of Australia (S.A. Branch)* 63:23. (GNG/65)
- Law, P.G. (1962). Australia and the Antarctic. John Murtagh Macrossan Memorial Lecture, 1960. University of Queensland Press. (GNG/45)
- Law, P.G. (1962). Possible future developments in Antarctica. *Institute of Engineers, Australia, Bulletin* 124:12. (GNG/77)
- Law, P.G. (1962). Resources and uses of Antarctica. ANZAAS paper, Section P, Geography and Oceanography, Jubilee Congress, August 1962, Sydney. (GNG/73)
- Law, P.G. (1962). Mapping the unknown lands of Antarctica. Literary Supplement, *The Age*, Melbourne, March 24:17. (GNG/56)
- Law, P.G. (1963). The responsibilities of service. *Matilda* 41a:103. (GNG/90)
- Law, P.G. (1963). Resources of Australian Antarctica. *Professional Officers' Association Chronicle*, No. 187, August 1963. (GNG/63)

- Law, P.G. (1964). Australian National Antarctic Research Expeditions, 1961-1962. *Polar Record* 12:183. (GNG/64)
- Law, P.G. (1964). Australian National Antarctic Research Expeditions, 1962-63. *Polar Record* 12:183. (GNG/83)
- Law, P.G. (1964). Antarctica - 1984. Sir John Morris Memorial Lecture, 1964. Adult Education Board of Tasmania. (GNG/95)
- Law, P.G. (1965). Australian activities in Antarctica. Eighth Commonwealth Mining and Metallurgical Congress, Australia and New Zealand. Handbook for Australia and New Zealand. p.164. (GNG/107)
- Law, P.G. (1966). Last inter-continental air link. *Walkabout* 32(3):27. (GNG/105)
- Law, P.G. (1966). Probing the mysteries of Antarctica. *Hemisphere* 10(6):2. (GNG/106)
- Law, P.G. (1966). Antarctica since the IGY. *Australia Today* (Special number of *The Australian Traveller*, October, 1965). p.62. (GNG/108)
- Law, P.G. (1967). Geography in the Antarctic. *Australian Geographer* 10:145. (GNG/112)
- Law, P.G. (1967). Antarctic research. *Australian Journal of Science* 30:158. (GNG/115)
- Law, P.G. (1968). Antarctica - nature's unique scientific laboratory. *Australian Natural History* 16:97. (GNG/118)
- Law, P.G., and Burstall, T. (1952). Australian Antarctic research. In "The Antarctic Today". (Ed. F.A. Simpson). (Reed: Wellington). p.297. (GNG/46)
- Loewe, F. (1953). Geschichte und Arbeiten der französischen Antarktis-Expedition nach Adelieland 1948 bis 1952. *Naturwissenschaftliche Rundschau* 6:231. (GNG/47)
- McKinnon, G.W. (1962). Physiography of Antarctica. ANZAAS paper, section P, Geography and Oceanography. Jubilee Congress, Sydney, August, 1962. (GNG/74)
- McKinnon, G.W. (1961). Provisional Gazetteer of the Australian Antarctic Territory. The Antarctic Names Committee of Australia. Paper 61/2. (GNG/61)
- Martin, A.R. (1952). Meteorology in the Antarctic. In "The Antarctic Today". (Ed. F.A. Simpson). (Reed: Wellington). p.251. (GNG/48)
- Mather, K.B. (1958). Caravanning - but it's no holiday. *BP Accelerator*, June, p.13. (GNG/49)
- Millett, M.R.O. (1960). Antarctica - its importance to Australia and international development. *ANAPRESS*, Oct.-Nov. p.21. (GNG/50)
- Millett, M.R.O. (1962). Australian National Antarctic Research Expeditions: Careers. *Shore Weekly Record* (Sydney). Careers Supplement No. 39. (GNG/58)
- Millett, M.R.O. (1970). The development of Australia's activity in Antarctica. *Antarctic* 5:420. (GNG/126)

- Moyes, M.H. (1962). Three stories of lesser known Antarctic journeys. ANZAAS paper, Section P, Geography and Oceanography, Jubilee Congress, Sydney, August 1962. (GNG/76)
- Royal Society of Victoria (1956). Symposium on IGY, Melbourne. Speakers: H.R.H. The Duke of Edinburgh, Professor Marcus Oliphant, Professor Sir Douglas Mawson, Dr. D.F. Martyn, Phillip Law, and Professor E.S. Hills. (GNG/51)
- Stephenson, P.J. (1963). Snow cave. *Heybōb*: University of Queensland Bushwalking Club Magazine 5:15. (GNG/91)
- Styles, D.F. (1962). Human Geography in Antarctica. ANZAAS paper, Section P, Geography and Oceanography. Jubilee Congress, Sydney, August 1962. (GNG/75)
- Thomson, R.B. (1963). Antarctic journey. *Ski Australia* 4(6):28. (GNG/88)
- Thomson, R.B. (1963). New Zealander visits Vostok. *Antarctic* 3:292. (GNG/92)
- Thomson, R.B. (1964). Wilkes-Vostok seismic traverse, 1962-63. *Polar Record* 12:192. (GNG/94)

APPENDIX 1

ANARE SCIENTIFIC REPORTS, DATA REPORTS AND INTERIM REPORTS
(Listed in Chronological Order of Publication)

The following reports, published by the Antarctic Division, have already been listed separately under their respective scientific disciplines in the preceding pages. The list which follows is provided to show the chronological order of publication of Antarctic Division publications and serves as a useful reference list for ordering reports in terms of their publication serial number.

CATEGORY OF REPORT

Prior to 1965 and to Publication No. 74, ANARE REPORTS were published in two categories - ANARE REPORTS (AR) and ANARE INTERIM REPORTS (AIR). ANARE INTERIM REPORTS also bore an Interim Report serial number (I.R.) but these serial numbers were discontinued at I.R.19. The category (AR) is no longer issued and has been superseded by the categories ANARE SCIENTIFIC REPORTS (ASR) and ANARE DATA REPORTS (ADR). On the accompanying list of ANARE REPORTS the category to which each report belongs is indicated by the appropriate abbreviation (AR), (AIR), (ASR) or (ADR).

Pub. No.	Year of Pub.	Discipline	Title	Author	Category of Report
1	1950	Meteorology	Meteorology: Heard and Macquarie Islands, 1948 Part 1 (a) Results	W.J. Gibbs, A.V. Gotley <i>and</i> A.R. Martin	(AR)
2	1951	Meteorology	Meteorology: Heard and Macquarie Islands, 1948 Part 1 (b) Analysed charts	W.J. Gibbs, A.V. Gotley <i>and</i> A.R. Martin	(AR)
3	1951	Zoology	Seal marking at Heard Island, 1949 (I.R.1)	R.G. Chittleborough <i>and</i> E.H. Ealey	(AIR)
4	1952	Upper Atmosphere Physics	Hourly measurements of ionospheric characteristics, Macquarie Island, 1950 (I.R.2)	D.S. Cohen	(AIR)
5	1952	Meteorology	Meteorology: Heard and Macquarie Islands, 1948 Part 1 (c) Discussion	W.J. Gibbs, A.V. Gotley <i>and</i> A.R. Martin	(AR)
6	1952	Zoology	The fleas of sea birds in the Southern Ocean	B. de Meillon	(AR)
			The ticks of sea birds	F. Zumpt	(AR)
7	1953	Zoology	The status of the Leopard Seal at Heard and Macquarie Islands 1948 (I.R.3)	A.M. Gwynn	(AIR)
8	1953	Zoology	Notes on the fur seals at Macquarie Island and Heard Island (I.R.4)	A.M. Gwynn	(AIR)
9	1953	Upper Atmosphere Physics	Observations of the Aurora Australis, Macquarie Island, May 1950-April 1951 (I.R.5)	N.R. Parsons <i>and</i> K.B. Fenton	(AIR)
10	1953	Upper Atmosphere	Hourly measurements of ionospheric characteristics, Macquarie Island, 1951 (I.R.6)	Z.R. Jeffrey	(AIR)

Pub. No.	Year of Pub.	Discipline	Title	Author	Category of Report
11	1953	Botany	The Mosses of Macquarie and Heard Islands	H.T. Clifford	(AR)
12	1953	Geography	Heard Island (I.R.7)	P.G. Law <i>and</i> T. Burstall	(AIR)
13	1953	Meteorology	Meteorology: Heard and Macquarie Islands, 1949	Commonwealth Bureau of Meteorology	(AR)
14	1953	Meteorology	Meteorology: Heard and Macquarie Islands, 1950	Commonwealth Bureau of Meteorology	(AR)
15	1953	Meteorology	Meteorology: Heard and Macquarie Islands, 1951	Commonwealth Bureau of Meteorology	(AR)
16	1953	Zoology	The egg-laying and incubation periods of Rockhopper, Macaroni and Gentoo Penguins	A.M. Gwynn	(AR)
17	1953	Terrestrial Magnetism	Magnetic observations at Heard, Kerguelen and Macquarie Islands, 1947-51	F. Jacka	(AR)
18	1955	Zoology	Penguin marking at Heard Island, 1951 and 1953 (I.R.8)	M.C. Downes <i>and</i> A.M. Gwynn	(AIR)
19	1955	Botany	The flora, vegetation and soils of Macquarie Island	B.W. Taylor	(AR)
20	1955	Meteorology	Meteorology: Heard and Macquarie Islands, 1952	Commonwealth Bureau of Meteorology	(AR)
21	1955	Meteorology	Meteorology: Heard and Macquarie Islands, 1953	Commonwealth Bureau of Meteorology	(AR)
22	1955	Zoology	A new genus and species of hyadesid mite, <i>Alqophagus antarcticus</i> , from Heard Island	A.Margaret Hughes	(AR)
23	1955	Upper Atmosphere Physics	Instruments and methods for auroral observation (I.R.11)	F. Jacka <i>and</i> J. Ballantyne	(AIR)
24	1955	Upper Atmosphere Physics	Hourly measurements of ionospheric characteristics, Macquarie Island 1954 (I.R.12)	T.F. Firmstone	(AIR)
25	1956	Upper Atmosphere Physics	Hourly measurements of ionospheric characteristics, Macquarie Island, 1952 (I.R.9)	G. Major	(AIR)
26	1956	Upper Atmosphere Physics	Hourly measurements of ionospheric characteristics, Macquarie Island, 1953 (I.R.10)	A.S. Little	(AIR)
27	1956	Upper Atmosphere Physics	Hourly measurements of ionospheric characteristics, Macquarie Island, 1955 (I.R.13)	D.R.L. Callow	(AIR)
28	1956	Terrestrial Magnetism	Magnetic observations at Heard Island, 1952	L.N. Ingall	(AR)

Pub. No.	Year of Pub.	Discipline	Title	Author	Category of Report
29	1956	Geography	Macquarie Island (I.R.14)	P.G. Law <i>and</i> T. Burstall	(AIR)
30	1956	Zoology	Plankton, hydrology and marine fouling at Heard Island (I.R.15)	E.H.M. Ealey <i>and</i> R.G. Chittleborough	(AIR)
31	1956	Terrestrial Magnetism	Magnetic observations at Macquarie Island, 1952	R.G. McGregor	(AR)
32	1957	Zoology	The seasonal reproductive cycle of the female Elephant Seal <i>Mirounga leonina</i> Linn., at Heard Island	L.F. Gibbney	(AR)
33	1957	Zoology	Some jellyfish from Macquarie Island and Heard Island	P.L. Kramp	(AR)
34	1957	Terrestrial Magnetism	Magnetic observations at Heard Island, 1953	J.A. Brooks	(AR)
35	1957	Zoology	The Leopard Seal at Heard Island, 1951-54 (I.R.16)	K.G. Brown	(AIR)
36	1957	Cosmic Rays	The design and operation of ANARE cosmic ray recorder "C" (I.R.17)	N.R. Parsons	(AIR)
37	1957	Terrestrial Magnetism	Magnetic observations at Macquarie Island, 1953	P.B. Tenni <i>and</i> J.A. Brooks	(AR)
38	1957	Meteorology	Meteorology: Mawson, Heard and Macquarie Islands, 1954	Commonwealth Bureau of Meteorology	(AR)
39	1957	Geology	The trace element of some soils and rock from Macquarie Island, South Pacific Ocean	D.J. Swaine	(AR)
40	1957	Zoology	Some tunicates from Macquarie Island and Heard Island	P. Kott	(AR)
41	1957	Upper Atmosphere Physics	Hourly measurements of ionospheric characteristics, Macquarie Island, 1956 (I.R.18)	R.L. Dowden	(AIR)
42	1958	Terrestrial Magnetism	Magnetic observations at Heard Island, 1954	K.B. Lodwick	(AR)
43	1958	Terrestrial Magnetism	Magnetic observations at Macquarie Island, 1954	C.S. Robertson	(AR)
44	1958	Meteorology	Meteorology: Mawson and Macquarie Island, 1955	Commonwealth Bureau of Meteorology	(AR)
45	1958	Cosmic Rays	Cosmic ray records, Mawson, 1955	N.R. Parsons	(AR)
46	1959	Cosmic Rays	Cosmic ray studies at Macquarie Island and Heard Island, 1948-51	F. Jacka, N.R. Parsons, P.W. Ford <i>and</i> R.M. Jacklyn	(AR)

Pub. No.	Year of Pub.	Discipline	Title	Author	Category of Report
47	1959	Marrative	The Vestfold Hills	P.G. Law	(AR)
48	1959	Terrestrial Magnetism	Magnetic observations at Mawson 1955	W.H. Oldham	(AR)
49	1959	Geology	A contribution to the geology and glaciology of the western part of Australian Antarctic Territory	P.W. Crohn	(AR)
50	1959	Meteorology	Meteorology: Mawson and Macquarie Island, 1956	Commonwealth Bureau of Meteorology	(AR)
51	1959	Zoology	The birds of Heard Island	M.C. Downes, E.H.M. Ealey, A.M. Gwynn <i>and</i> P.S. Young	(AR)
52	1960	Terrestrial Magnetism	Magnetic observations at Mawson 1956	P.M. McGregor	(AR)
53	1960	Terrestrial Magnetism	Field magnetic observations in Antarctica	J.D. Pinn	(AR)
54	1960	Meteorology	Meteorology: Mawson, Davis, Taylor and Macquarie Island, 1957	Commonwealth Bureau of Meteorology	(AR)
55	1960	Glaciology	Sea ice measurements at Mawson and Davis, 1954-58 (1.R.19)	M. Mellor	(AIR)
56	1960	Oceanography	Introductory studies of hydrology and plankton at Mawson, June 1956 to February 1957	J.S. Bunt	(AR)
57	1960	Cosmic Rays	Cosmic ray records, Mawson, 1956	R.M. Jacklyn <i>and</i> N.R. Parsons	(AR)
58	1960	Cosmic Rays	Cosmic ray records, Mawson, 1957	D.H. Johns <i>and</i> R.M. Jacklyn	(AR)
59	1961	Glaciology	Solar halos in Antarctica	J.R. Blake	(AR)
60	1961	Meteorology	Meteorology: Mawson, Davis, Taylor and Macquarie Island, 1958	Commonwealth Bureau of Meteorology	(AR)
61	1961	Cosmic Rays	Cosmic ray records, Macquarie Island, December 1956 to 1959	B.A. McInnes, W.J. Steuart <i>and</i> J. Munro	(AR)
62	1961	Cosmic Rays	Cosmic ray records, Mawson, January 1958 to December 1958	D.H. Johns <i>and</i> P.A. Trost	(AR)
63	1962	Cosmic Rays	Cosmic ray records, Mawson, 1959	R.E. Dunlop <i>and</i> P.A. Trost	(AR)
64	1962	Cosmic Rays	Cosmic ray records, Mawson, 1960	J.E. Humble <i>and</i> R.E. Dunlop	(AR)
65	1963	Cosmic Rays	Cosmic ray records, Mawson, 1961	I.L.K. McNaughton <i>and</i> J.E. Humble	(AR)

Pub. No.	Year of Pub.	Discipline	Title	Author	Category of Report
66	1963	Meteorology	Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1959	Commonwealth Bureau of Meteorology	(AR)
67	1963	Meteorology	Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1960	Commonwealth Bureau of Meteorology	(AR)
68	1964	Meteorology	Meteorology: Davis, Macquarie Island, Mawson and Wilkes, 1961	Commonwealth Bureau of Meteorology	(AR)
69	1964	Cosmic Rays	Cosmic ray records, Mawson, 1962	J. Phillips <i>and</i> I.L.K. McNaughton	(AR)
70	1964	Physiology, Medicine	General acclimatization to cold of men studied before, during and after a year in Antarctica	G.M. Budd	(AR)
71	1964	Narrative	The exploration of Oates Land, Antarctica	P.G. Law	(AR)
72	1964	Narrative	Coastal exploration of Kemp and Enderby Lands, Antarctica	D.F. Styles	(AR)
73	1964	Zoology	The insects of Heard Island	K.G. Brown	(AR)
74	1964	Narrative	The ANARE 1963 expedition to Heard Island	G.M. Budd	(AR)
75	1965	Geography	Gazetteer of the Australian Antarctic Territory	G.W. McKinnon	(AIR)
76	1965	General	List of publications resulting from the work of Australian National Antarctic Research Expeditions (to December 1964)	M.R.O. Millett	(AIR)
77	1965	Cosmic Rays	Cosmic ray records, Wilkes, 1962 and 1963	D. Seedsman <i>and</i> J.F. McKenzie	(ADR)
78	1965	Botany	Observations on the fungi of Macquarie Island	J.S. Bunt	(ASR)
79	1965	Glaciology	The photoelectric metering of windblown snow: a new photoelectric snow gauge	I.H. Landon Smith B. Woodberry <i>and</i> E.R. Wishart	(AIR)
80	1965	Upper Atmosphere Physics	Auroral parallactic photography	G.V. Simonow <i>and</i> J. Ballantyne	(ASR)
81	1965	Meteorology	Meteorology: Davis, Mawson, Wilkes and Macquarie Island, 1962	Commonwealth Bureau of Meteorology	(ADR)
82	1966	Botany	The lichens and mosses of Mac.Robertson Land	R.B. Filson	(ASR)*
83	1966	Geology	Geological investigations along the Antarctic Coast between longitudes 108°E and 166°E	I.R. McLeod <i>and</i> C.M. Gregory	(ASR)

Pub. No.	Year of Pub.	Discipline	Title	Author	Category of Report
84	1966	Cosmic Rays	Cosmic ray records, Mawson, 1963	D.J. Cooke <i>and</i> J. Phillips	(ADR)
85	1966	Cosmic Rays	Cosmic ray records, Wilkes, 1964	M. Bowthorpe <i>and</i> J.F. McKenzie	
86	1966	Cosmic Rays	Cosmic ray records, Mawson, 1964	R.J. Francey <i>and</i> D.J. Cooke	(ADR)
87	1966	Meteorology	Meteorology: Davis, Macquarie Island, Mawson <i>and</i> Wilkes 1963	Commonwealth Bureau of Meteorology	(ADR)
88	1966	Glaciology	Glaciological studies in the region of Wilkes, Eastern Antarctica, 1961	W.F. Budd	(ASR)
89	1966	Zoology	The breeding biology of the Snow Petrel <i>Pagodroma nivea</i> (Forster)	D.A. Brown	(ASR)
90	1967	Glaciology	Glaciological observations in Enderby, Kemp <i>and</i> Mac.Robertson Lands	I.R. McLeod	(AIR)
91	1967	Cosmic Rays	Cosmic ray balloon measurements at high geomagnetic latitudes, March, 1964 through January, 1965	M. Bowthorpe	(AIR)
92	1967	Meteorology	Meteorology: Davis, Macquarie Island, Mawson <i>and</i> Wilkes, 1964	Commonwealth Bureau of Meteorology	(ADR)
93	1967	Narrative	Macquarie Island	J.S. Cumpston	(ASR)*
94	1967	Cosmic Rays	Cosmic ray records, Wilkes, 1965	J.S. Boyd <i>and</i> M. Bowthorpe	(ADR)
95	1967	Cosmic Rays	Cosmic ray records, Mawson 1965	A. Vrana <i>and</i> R.J. Francey	(ADR)
96	1967	Glaciology	Radiation fluxes over an antarctic ice surface	G.E. Weller	(ASR)
97	1967	Glaciology	A study of factors governing the mass economy of Antarctica	M. Mellor	(ASR)
98	1967	Meteorology	Meteorology: Macquarie Island, Mawson <i>and</i> Wilkes, 1965	Commonwealth Bureau of Meteorology	(ADR)
99	1967	Zoology	The terrestrial arthropoda of Macquarie Island	K.C. Watson	(ASR)
100	1967	Geology	Geological investigations by the Australian National Antarctic Research Expeditions, 1965	D.S. Traill, I.R. McLeod, P.J. Cook <i>and</i> G.R. Wallis	(ASR)
101	1969	Glaciology	Ice thickness measurements in Mac.Robertson Land, 1957-59	K.F. Fowler	(ASR)
102	1968	Glaciology	The heat budget and heat transfer processes in antarctic plateau ice and sea ice	G.E. Weller	(ASR)

Pub. No.	Year of Pub.	Discipline	Title	Author	Category of Report
103	1968	Glaciology	A study of the local ice cap near Wilkes, Antarctica	W.A. McLaren	(ASR)
104	1968	Cosmic Rays	Cosmic ray records, Wilkes, 1966	K.S. White <i>and</i> J.S. Boyd	(ADR)
105	1968	Cosmic Rays	Cosmic ray records, Mawson, 1966	D. Ellyard <i>and</i> A. Vrana	(ADR)
106	1968	Cosmic Rays	Cosmic ray records, Mawson, 1967	J.F. Reilly <i>and</i> D. Ellyard	(ADR)
107	1968	Cosmic Rays	Cosmic ray records, Wilkes,	R.O. Jelleff <i>and</i> K.S. White	(ADR)
108	1969	Glaciology	The dynamics of ice masses	W.F. Budd	(ASR)
109	1969	Meteorology	Meteorology: Macquarie Island, Mawson and Wilkes 1966	Commonwealth Bureau of Meteorology	(ADR)
110	1970	Zoology	Some aspects of the ecology of a calanoid copepod, <i>Pseudoboeckella brevicaudata</i> Brady 1875, on a subantarctic island	A.J. Evans	(ASR)
111	1970	Cosmic Rays	Cosmic ray records, Mawson, 1968	A. Vrana <i>and</i> J.F. Reilly	(ADR)
112	1970	Cosmic Rays	Cosmic ray records, Wilkes, 1968	J.R. Bilson <i>and</i> R.O. Jelleff	(ADR)
113	1970	Meteorology	Meteorology: Macquarie Island, Mawson and Wilkes, 1967	Commonwealth Bureau of Meteorology	(ADR)
114	1970	Cosmic Rays	The sidereal daily variation of cosmic ray intensity, with particular reference to observations at 40 m.w.e. underground	R.M. Jacklyn	(ASR)
115	1970	Cosmic Rays	Cosmic ray records, Mawson, 1969	G.Cooper <i>and</i> A. Vrana	(ADR)
116	1970	Geology	ANARE 1961 geological traverses on the Mac.Robertson Land and Kemp Land coast	D.S. Trail	(ASR)

* A book with hard cover. This is obtainable only by purchase direct from the Australian Government Publishing Service, Canberra, A.C.T. 2600.

APPENDIX 2

NAMES OF SCIENTIFIC AND TECHNICAL PERIODICALS, AND OF OTHER SOURCES,
WHICH CONTAIN THE FOREGOING PUBLICATIONS RESULTING FROM
THE WORK OF ANARE

A. SCIENTIFIC AND TECHNICAL PERIODICALS

(Note: Most of these periodicals are listed in "The World List of Scientific Periodicals" (Butterworths: London))

American Geographical Society Antarctic Map Folio Series
ANARE Data Reports
ANARE Interim Reports
ANARE Scientific Reports
ANARE Reports
Animals
Annales de Géophysique
Annals of the International Geophysical Year
Annals of Missouri Botanical Garden
Antarctic
Antarctic Research, Geophysical Monographs, American Geophysical Union
Antarctic Research Series
Applied Microbiology
Arkiv för Zoologi
Astrophysical Journal
Auk
Australian Bird Bander
Australian Geographer
Australian Journal of Applied Science
Australian Journal of Experimental Biology and Medical Science
Australian Journal of Marine and Freshwater Research
Australian Journal of Physics
Australian Journal of Science
Australian Journal of Scientific Research
Australian Journal of Zoology
Australian Meteorological Magazine
Australian Museum Magazine
Australian Natural History
Australian Photography
Australian Surveyor
Avian Diseases
Bericht des Deutschen Wissenschaftlichen in der U.S. Zone
Bird Lover
Botanisker Notiser
Bulletin American Physical Society
Bureau of Mineral Resources Australia Bulletin
Bureau of Mineral Resources Australia Report
Canadian Journal of Biochemistry and Physiology
Canadian Journal of Physics
Cartography
Clinical Science
Comparative Biochemistry and Physiology
C.S.I.R.O. Wildlife Research
Diebetic Association Report, Victoria
Discovery
Ecology
Emu
Food Preservation Quarterly

Geographical Journal
Geophysical Journal
Geophysical Journal Royal Astronomical Society
Geofisica Pura e Applicata
Growth: A Journal for Studies of Development and Increase Health
Heredity
Ibis
International Antarctic Analysis Centre Technical Reports
International Association of Scientific Hydrology Publication
IGY World Data Centre A: Glaciology
JARE Scientific Reports
Journal of Applied Physiology
Journal of Atmospheric and Terrestrial Physics
Journal du Conseil: Conseil Permanent International pour l'Exploration de la Mer
Journal of Ecology
Journal of Embryology and Experimental Morphology
Journal of the Geological Society of South Australia
Journal of Geophysical Research
Journal of Glaciology
Journal of Hygiene
Journal of Mammalogy
Journal of Meteorology
Journal of the Physical Society of Japan
Journal of Physiology
Journal and Proceedings of the Royal Society of New South Wales
Journal of Reproduction and Fertility
Journal of the Royal Astronomical Society of Canada
Journal of the Science of Food and Agriculture
Journal of Scientific Instruments
Journal of Soil Science
Journal of Wildlife Management
Lancet
Mammalia
Marine Observer
Medical Journal of Australia
Memoirs of the National Museum of Victoria
Microscope
Mineralogical Magazine and Journal of the Mineralogical Society
Nature
Naturwissenschaften Rundschau
New Zealand Journal of Science
No tornis
Nuovo Cimento
Oceanographical Station Lists. C.S.I.R.O. Division of Fisheries and Oceanography
Pacific Insects
Pacific Science
Papers and Proceedings of the Royal Society of Tasmania
Parasitology
Physical Review
Planetary and Space Science
Polarforschung
Polar Record
Proceedings of the Australian Society of Animal Production
Proceedings of the Astronomical Society of Australia

Proceedings of the Linnean Society of New South Wales
Proceedings of the Physical Society
Proceedings of the Royal Entomological Society of London
Proceedings of the Royal Society of Victoria
Proceedings of the Zoological Society of London
Professional Photography in Australia
Record of the Dominion Museum, Wellington
Review of Micropalaentology
Review of Scientific Instruments
Revue algologique
Science
SCAR Bulletin
Sedimentary Geology
Studies in Antarctic Meteorology: Antarctic Research Series
Survey Review
Sydney University Medical Journal
TAAF: Terres Australes et Antarctiques Françaises
Tellus
Transactions American Geophysical Union
Transactions of the Royal Society of New Zealand
Transactions of the Royal Society of South Australia
Victorian Naturalist
Weather
Weather Development and Research Bulletin (Commonwealth Bureau of Meteorology)
Wild Life: Australian Nature Magazine

B. MAGAZINES OF A MORE GENERAL CHARACTER

AHEAD: Australian Health Education Digest
AMA Gazette
Anapress
Australian Social Studies, Project Aids
Australia To-day (The Australian Traveller)
BP Accelerator
Commonwealth Trades Alphabet
Digest of World Reading
Hemisphere
Heybob (University of Queensland)
Image: Medical Photo Reports Roche
Journal of the Fell and Rock Climbing Club (U.K.)
The Age: Literary Supplement
Matilda
Motor Cycle
Professional Officers' Association Chronicle
Roadlines
Shore Weekly Record (Sydney)
Ski Australia
UNESCO Courier
Walkabout

C. PUBLISHERS OF BOOKS

Academic Press: London
Allen and Unwin: London
Angus and Robertson: Sydney, Melbourne
Bell: London
Cheshire: Melbourne
Hale: London
Hermann: Paris
W. Junk: Den Haag
W. and J. Mackay: Chatham, Kent
Methuen: London
Ministry of Education: Tokyo
North-Holland: Amsterdam
Oxford University Press: Melbourne, Sydney
Pergamon Press: London
Reed: Wellington

APPENDIX 3

NUMBERS OF ANARE PUBLICATIONS TO 1970
ACCORDING TO DISCIPLINE

Discipline	Code	Reports	Papers	Maps	Books	Total
Cosmic Rays	UAC	25	58	-	-	83
Aurora etc.	UAA	4	79	-	-	83
Ionosphere	UAI	7	8	-	-	15
Upper Atmosphere Winds	UAW	-	2	-	-	2
Very Low Frequency Emissions	UAE	-	2	-	-	2
Meteorology	M	22	62	-	-	84
Geomagnetism	EPM	10	7	-	-	17
Seismology	S	-	1	-	-	1
Gravity	GR	-	-	-	-	-
Geology	G	5	28	-	-	33
Geodesy, Cartography	GC	-	2	37	-	39
Glaciology	GL	11	60	0	0	71
Physical Oceanography	OP	-	5	-	-	5
Biological Oceanography	OB	2	7	-	-	9
Microbiology	MB	1	12	-	-	12
Botany	BB	4	14	-	-	18
Zoology	BZ	16	188	-	-	204
Bacteriology	MDB	-	2	-	-	2
Medicine, Physiology	MDP	1	26	-	-	27
Psychology	MDPS	-	11	-	-	11
Logistics	L	-	44	-	-	44
Geography, Narrative, General	GNG	9	100	-	11	120
Total	-	116	718	37	11	882

APPENDIX 4

NAMES OF AUTHORS AND CO-AUTHORS

(Note: All author names are included. As the publication code number is included, a cross reference is provided. To find the papers written by any author or co-author, refer to the appropriate discipline prefix and number at the extreme right of each page).

Albrecht, H.J. M/15 (with R. Dingle)
 Alexander, C.P. BZ/83
 Allen, G.A. GL/75 (with R. Whitworth)
 Anderson, K.A. UAA/63 (with C.D. Auger, R.R. Brown and D.S. Evans)
 Antarctic Names Committee of Australia GNG/96
 Armitage, T. GNG/14
 Ashton, D.H. BB/15, 16 (with A.M. Gill), BB/18 (with J. Jenkin)
 Atyeo, W.T. BZ/84
 Auger, C.D. UAA/63 (with K.A. Anderson, R.R. Brown and D.S. Evans)
 Antarctic Division of Department of External Affairs, later of Department of Supply,
 GC/17, 18, GNG/11, 12, 69, 71, 78, 79, 84, 97, 98, 109, 110, 111, 114, 117,
 119, 120, 121, 125, 127
 Ball, F.K. M/16, 51, 52
 Ballantyne, J. UAA/1 (with F. Jacka), 69 (with G.V. Simonow), L/5 (with J. Nisbet)
 Balme, B.E. G/42 (with P.E. Playford)
 Barber, H.N. OP/1 (with H.E. Dadswell and H.D. Ingle)
 Barcus, J.R. UAC/60 (with R.R. Brown, J. Reid and N.R. Parsons), 61 (with R.R. Brown
 and N.R. Parsons), 62 (with R.R. Brown and N.R. Parsons)
 Béchervaise, J. BZ/81, 148, GNG/4, 8 (with P.G. Law), 81, 102, 103, 129
 Beck, A.B. BZ/14
 Bennett, A.J.R. G/49 (with G.H. Taylor)
 Bennett, I. GNG/132
 Bennett, J.M. UAA/75 (with R.J. Francis and D.L. Seedsman)
 Berson, F.A. M/17 (with U. Radok)
 Bigg, E.K. M/18 (with I. Bird, G. Creswell, J.E. Humble and D. Norris)
 Bilson, J.R. UAC/85 (with R.O. Jelleff)
 Bird, I. M/18 (with G. Creswell, J.E. Humble, D. Norris and E.K. Bigg)
 Black, H.P. GL/35 (with W. Budd), L/1, 2, 6, 7, 28
 Blake, J.R. GL/1
 Bond, F.R. UAA/3, 4, 5 (with K.D. Cole), 6 (with F. Jacka), 7 (with F. Jacka),
 17 (with K.D. Cole), 20 (with J.V. Denholm), 47 (with F. Jacka), 61 (with
 F. Jacka), 65, 77, 79 (with F. Jacka), 81, 85, 90 (with I.L. Thomas)
 Borland, R. M/59
 Bowthorpe, M. UAC/68 (with J.F. McKenzie), 70 (with J.G. Greenhill, J. Phillips,
 K.B. Fenton and A.G. Fenton), 73, 74 (with J.S. Boyd)
 Boyd, J.S. UAC/75 (with M. Bowthorpe), 76 (with K.S. White)
 Brice, N.M. UAI/8, 9, UAE/2 (with J. Crouchley)
 Brooks, J.A. EPM/1, 10 (with P.B. Tenni)
 Brown, A.D. BZ/147
 Brown, A.M. L/25 (with D.F. Styles, G.D.P. Smith, and Z. Lukinovic), 29, 33 (with
 D. DeMole, and J.A. Gamble), 36, 39 (with D. De Mole, and G.D.P. Smith),
 40 (with F.A. Smith), 41 (with F.A. Smith)
 Brown, K.G. BZ/9, 15, 126
 Brown, P.L. GNG/5
 Brown, R.R. UAC/60 (with J.R. Barcus, J. Reid, and N.R. Parsons), 61 (with
 J.R. Barcus, and N.R. Parsons), 62 (with J.R. Barcus, and N.R. Parsons), UAA/
 63 (with K.A. Anderson, C.D. Auger, and R.S. Evans), 89 (with H. Leinbach, and
 R.J. Schmidt)
 Brundin, L. BZ/85
 Bryden, M.M. BZ/133, 144, 155, 159, 166, 167, 169, 170 (with G.H.K. Lim), 171, 175,
 178, 179 (with G.B. Stokes), 187, 194

- Budd, G.M. GL/77 (with P.J. Stephenson), BZ/16, 17, 18, 73, 175, 132 (with M.C. Downes), 168, 173 (with M.C. Downes), 186, MDP/4, 5, 6, 10, 11, 12, 15, 20, 21 (with N. Warhaft), 22 (with N. Warhaft), 25 (with K.E. Hicks, D.J. Lugg, L.G. Murray, and D.R. Wigg), 27 (with N. Warhaft), GNG/82, 99, 128
- Budd, W.F. GL/35 (with H.P. Black), 36, 51, 54, 56, 57 (with W.R.J. Dingle, and U. Radok), 62, 63 (with I.H. Landon Smith, and E. Wishart), 66, 69, 70, 71, 74 (with U. Radok, and D. Henssen), 76, 82 (with D. Jenssen, and U. Radok)
- Bull, P.C. 8Z/19
- Bunt, J.S. OB/1, 3, 4, BM/1, 2, 3, 4 (with A.D. Rovira), 5 (with Y.T. Tchan), 6 (with Y.T. Tchan), 7 (with A.D. Rovira), 8, 9, BB/3, 14, BZ/20
- Burbury, D.W.P. UAC/35 (with K.B. Fenton)
- Burn, R. BZ/172 (with W. Merilees)
- Burstall, T. GNG/2 (with P.G. Law), 3 (with P.G. Law, 15, 46 (with T. Burstall)
- Callow, D.R.L. UAI/1
- Cameron, A.S. BM/10, 11 (with B.W. Moore), BZ/158 (with M.D. Murray, and M.N. Orton), 177, MDB/1 (with B.W. Moore), 2
- Campbell, S.A.C. GNG/16, 17
- Campbell-Drury, A. GNG/124
- Caro, D.E. UAC/10 (with P.G. Law, and H.D. Rathgeber)
- Carrick, R. BZ/21, 22, 23, 24 (with K. Keith, and A.M. Gwynn), 25 (with S.E. Ingham), 26 (et al.), 42 (with W.B. Hitchcock), 74 (with S.E. Ingham), 75 (with S.E. Ingham), 76 (with S.E. Csordas, S.E. Ingham, and K. Keith), 77 (with S.E. Csordas, and S.E. Ingham), 78 (with S.E. Ingham), 113, 114, 152 (with S.E. Ingham), 196 (with S.E. Ingham)
- Chamberlin, N.G. EPM/14
- Chittleborough, R.G. OB/2 (with E.H.M. Ealey), BZ/10 (with E.H.M. Ealey), 27 (with E.H.M. Ealey)
- Clark, H.E. BZ/37 (with H.B. Fell)
- Clarke, R.H. M/19, 60
- Clifford, H.T. BB/1, 4
- Cohen, D.S. UAI/2
- Cole, K.D. UAA/6 (with F.R. Bond), 8, 9, 10, 11, 12, 13, 14, 15, 17 (with F.R. Bond), 18 (with F. Jacka), 30, 31, 32, 35, 39, 40, 43, 41, 42, 44, 49, 50, 51, 52, 53, 54, 56, 57, 58, 59, 60, 64, 68, EFM/16 (with G.V. Simonow)
- Colless, D.H. BZ/86
- Collins, B.G. GL/37 (with C.J. Sumner)
- Common, I.F.B. BZ/87
- Commonwealth Bureau of Meteorology M/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 57, 75, 77, 82, 83, 84, 85, 87, 88
- Cook, D. GC/1
- Cook, P.J. G/39 (with D.S. Trail, I.R. McLeod, and G.R. Wallis)
- Cooke, D.J. UAC/66, 67 (with J. Phillips), 69 (with R.F. Francey)
- Cooper, J.A. G/30 (with A.W. Webb, and I. McDougall)
- Corry, M. GNG/113
- Costin, A.B. BB/5 (with D.M. Moore)
- Crespin, I. G/4
- Cresswell, G.R. UAA/62, M/18 (with I. Bird, J.E. Humble, D. Norris, and E.K. Bigg), GNG/70
- Crohn, P.W. G/1, 22 (with I.R. McLeod)
- Crooks, A.D. OP/2
- Crouchley, J. UAE/1, 2 (with N.M. Brice)
- Csordas, S.E. BZ/28, 76 (with R. Carrick, S.E. Ingham, and K. Keith), 77 (with R. Carrick, and S.E. Ingham), 88, 111, 112, 128, 129, 131, 136, 141 (with S.E. Ingham), 149, MDP/2
- Cumpston, J.S. GNG/120A
- Dadswell, H.E. OP/1 (with H.N. Barber, and H.D. Ingle)
- Dalenius, P. BZ/82 (with O. Wilson)
- Dallwitz, W.B. G/43

Dalton, R.F.M. L/8, 9, 19 (with N.R. Smethurst), 42
 Dalziel, K. M/20, GNG/6
 Deacock, W. GNG/85
 Dell, R.K. BZ/116, 127
 De Meillon, B. BZ/1
 De Mole, D. L/33 (with A.M. Brown, and J.A. Gamble), 39 (with G.D.P. Smith, and A.M. Brown)
 Denholm, J.V. UAA/19, 20 (with F.R. Bond)
 Dingle, W.R.J. M/15 (with H.J. Albrecht), 16, 64 (with F.T. Hannan), GL/3 (with U. Radok), 57 (with W.F. Budd and U. Radok)
 Division of National Mapping, Department of National Development, formerly National Mapping Office of Department of the Interior GC/5, 6, 7, 9, 10, 11, 19, 21, 22
 Dodge, C.W. BB/6 (with E.D. Rudolph)
 Dovers, R. GNG/7
 Dowden, R.L. UAI/3, 10, 11, 12, 15
 Downes, M.C. BZ/2 (with E.H.M. Ealey, A.M. Gwynn, and P.S. Young), 11 (with A.M. Gwynn), 29, 30, 31, 32 (with A.M. Gwynn, and P.F. Howard), 132 (with G.M. Budd), 173 (with G.M. Budd)
 Duggal, S.P. UAC/82 (with R.M. Jacklyn, and M.A. Pomerantz), 86 (with R.M. Jacklyn, and M.A. Pomerantz)
 Dunlop, R.E. UAC/5 (with P.A. Trost), 6 (with J. Humble)
 Dunnet, G.M. BZ/33, 103 (with F.G.A.M. Smit), 110, 122
 Eadie, J. BZ/80 (with R.L. Kirk)
 Ealey, E.H.M. OB/2 (with R.G. Chittleborough), 8, BZ/2 (with M.C. Downes, A.M. Gwynn, and P.S. Young), 10 (with R.G. Chittleborough), 27 (with R.G. Chittleborough), 34, 35
 Easthop, V.F. BZ/89
 Eather, R.H. UAA/66, 71 (with B.P. Sandford), 72 (with F. Jacka), 73 (with F. Jacka), 74 (with K.M. Burrows)
 Edinburgh, Prince Philip, Duke of GNG/51
 Edmonds, S.J. BZ/36
 Edwards, P.J. UAC/47 (with A.G. Fenton, K.B. Fenton, J.G. Greenhill, and N.R. Parsons)
 Elford, W.G. UAW/1, 2 (with E.L. Murray)
 Elkington, E.J. MDP/24
 Ellyard, D. UAC/77 (with A. Vrana), 79 (with J.F. Reilly)
 Evans, A.J. BZ/183
 Evans, D.S. UAA/63 (with K.A. Anderson, C.D. Auger, and R.R. Brown)
 Fain, A. BZ/90
 Fell, H.B. BZ/37 (with H.E. Clark)
 Fenton, A.G. UAC/11 (with R.M. Jacklyn), 12 (with R.M. Jacklyn), 13 (with K.G. McCracken, N.R. Parsons, and P.A. Trost), 22 (with R.M. Jacklyn), 23 (with R.M. Jacklyn), 34 (with N.R. Parsons), 36 (with R.M. Jacklyn, and R.B. Taylor), 41 (with K.B. Fenton, and D.C. Rose), 42 (with E.W. Fuller), 43 (with K.G. McCracken, D.C. Rose, and B.G. Wilson), 44 (with K.G. McCracken, D.C. Rose, and B.G. Wilson), 45 (with K.G. McCracken, D.C. Rose, and B.G. Wilson), 47 (with P.J. Edwards, K.B. Fenton, J.G. Greenhill, and N.R. Parsons), 56, 58 (with J.G. Greenhill, K.B. Fenton, and N.R. Parsons), 59, 70 (with J.G. Greenhill, J. Phillips, K.B. Fenton, and M. Bowthorpe)
 Fenton, K.B. UAC/35 (with D.W.P. Burbury), 41 (with A.G. Fenton, and D.C. Rose), 58 (with N.R. Parsons, J.G. Greenhill, and A.G. Fenton), 70 (with J.G. Greenhill, J. Phillips, A.G. Fenton, and M. Bowthorpe), UAA/2 (with N.R. Parsons)
 Filson, R.B. BB/17
 Firmstone, T.P. UAI/4
 Fleming, C.A. G/44
 Ford, P.W. UAC/1 (with F. Jacka, N.R. Parsons, and R.M. Jacklyn), 14
 Forster, R.R. BZ/91

Francey, R.F. UAC/69 (with D.J. Cooke), 74 (with A. Vrana)
 Francis, R.J. UAA/75 (with J.M. Bennett, and D.L. Seedsman), 84 (with F. Jacka)
 Fuller, E.W. UAC/43 (with A.G. Fenton)
 Gale, D'A. T. GNG/104
 Gamble, J.A. L/33 (with A.M. Brown, and D. De Mole), 43 (with G.D.P. Smith)
 Garbett, F.W. GNG/18
 Garriock, W.J. M/22
 Gault, V. MDPS/5 (with G. Palmai)
 Gee, R.D. EPM/17 (with R. Varne, and P.G.J. Quilty)
 Gerrand, C.E.M. GNG/19
 Gibbney, L.F. BZ/3, 38
 Gibbs, W.J. M/1 (with A.V. Gotley, and A.R. Martin), 2 (with A.V. Gotley, and
 A.R. Martin), 3 (with A.V. Gotley, and A.R. Martin), 23, 24, 25, 26, 27, 66, 70
 Gibson, J.D. BZ/39
 Gilchrist, A. BZ/40
 Gill, A.M. BB/16 (with D.H. Ashton)
 Gillham, M. BB/7, GNG/30
 Goodspeed, M.J. GL/4 (with E.E. Jesson), 16 (with K.B. Mather)
 Gotley, A.V. M/1 (with W.J. Gibbs, and A.R. Martin), 2 (with W.J. Gibbs, and
 A.R. Martin), 3 (with W.J. Gibbs, and A.R. Martin), 28
 Grant, A. M/40 (with F. Lowew, and U. Radok)
 Greenhill, J.G. UAC/47 (with P.J. Edwards, A.G. Fenton, K.B. Fenton, and
 N.R. Parsons), 58 (with N.R. Parsons, K.B. Fenton, and A.G. Fenton), 70 (with
 J. Phillips, K.B. Fenton, A.G. Fenton, and M. Bowthorpe)
 Gressitt, J.L. BZ/92
 Gwynn, A.M. BZ/2 (with M.C. Downes, E.H.M. Ealey, and P.S. Young), 4, 11 (with
 M.C. Downes), 12, 13, 24 (with R. Carrick, and K. Keith), 32 (with M.C. Downes,
 and P.F. Howard), 41
 Hajkowicz, L.A. UAA/82, 86, 87, 88
 Hannan, F.T. M/64 (with W.R.J. Dingle)
 Hannay, A.K. M/29
 Harding, R.R. G/38 (with I.R. McLeod)
 Hardy, D.E. BZ/93
 Hatt, H.H. BB/8, 12 (with A.Z. Szumer)
 Hayne, R. GNG/122
 Haysom, N. BZ/54 (with R. Kenny)
 Hedges, L. L/10 (with F. Jacka)
 Hicks, K.E. MDP/13, 17, 23, 25 (with G.M. Budd, D.J. Lugg, L.G. Murray, and D.R. Wigg)
 Hills, E.S. GNG/51 (et al.)
 Hines, M.P. BZ/53 (with K. Keith)
 Hitchcock, W.B. BZ/42 (with R. Carrick)
 Hopper, V.D. UAC/78
 Hüssel, J. GNG/123
 Howard, P.F. BZ/32 (with M.C. Downes, and A.M. Gwynn), 43, 44, 45
 Hughes, A.M. BZ/5
 Hughes, R.L. BZ/115 (with E. Shipp, K. Keith, and K. Myers)
 Humble, J.E. UAC/6 (with R.E. Dunlop), 53 (with I.L.K. McNaughton), 64 (with
 R.M. Jacklyn), M/18 (with I. Bird, G. Creswell, D. Norris, and E.K. Bigg)
 Hurley, D.E. OB/7
 Hydrographic Service, Department of the Navy, later Hydrographic Service of the Royal
 Australian Navy. GC/8, 12, 13, 14, 15, 22
 Ingall, L.N. EPM/2
 Ingham, S.E. BZ/25 (with R. Carrick), 46, 47, 48, 50, 74 (with R. Carrick), 75 (with
 R. Carrick), 76 (with R. Carrick, S.E. Csordas, and K. Keith), 77 (with
 R. Carrick, and S.E. Csordas), 78 (with R. Carrick), 121, 141 (with
 S.E. Csordas), 151, 152 (with R. Carrick), 196 (with R. Carrick)
 Ingle, H.D. OP/1 (with H.N. Barber and H.E. Dadswell)
 Irving, E. G/35 (with P.J. Stephenson and A. Major)

- Jacka, F. UAC/1 (with N.R. Parsons, P.W. Ford and R.M. Jacklyn), UAA/1 (with J. Ballantyne), 6 (with F.R. Bond), 7 (with F.R. Bond), 18 (with K.D. Cole), 22, 24, 47 (with F.R. Bond), 61 (with F.R. Bond), 67, 72 (with R.H. Eather), 73 (with R.H. Eather), 79 (with F.R. Bond), 83 (with B.P. Kilfoyle), 84 (with R.J. Francis), 91 (with R.C. Schaeffer), EPM/3, L/10 (with L. Hedges), 11, GNG/21
- Jacklyn, R.M. UAC/1 (with F. Jacka, N.R. Parsons, and P.W. Ford), 2 (with N.R. Parsons), 3 (with D.H. Johns), 11 (with A.G. Fenton), 12 (with A.G. Fenton), 36 (with A.G. Fenton, and R.B. Taylor), 15, 16, 17, 18, 19, 20, 21, 22 (with A.G. Fenton), 23 (with A.G. Fenton), 37, 52, 55, 57, 63, 64 (with J.E. Humble), 71, 72, 81 (with S.P. Duggal, and M.A. Pomerantz), 82 (with A. Vrana), 83, 86 (with S.P. Duggal, and M.A. Pomerantz)
- Jamieson, B.G.M. BZ/197
- Jeffrey, Z.R. UAI/5
- Jelleff, R.O. UAC/80 (with K.S. White), 85 (with J.R. Bilson)
- Jenkin, J.F. BB/18 (with D.H. Ashton)
- Jenssen, D. GL/39 (with U. Radok), 40 (with U. Radok), 74 (with U. Radok, and W.F. Budd), 82 (with W.F. Budd, and U. Radok)
- Jesson, E.E. GL/5 (with M.J. Goodspeed), 6
- Jewell, F. GL/34
- Johns, D.H. UAC/3 (with R.M. Jacklyn), 4 (with P.A. Trost), 27 (with K.G. McCracken)
- Kalnenas, K. BZ/52
- Karelsky, S. M/30
- Kefford, J.F. L/4
- Keith, K. BZ/24 (with R. Carrick, and A.M. Gwynn), 53 (with M.P. Hines), 76 (with R. Carrick, S.E. Csordas, and S.E. Ingham), 115 (with E. Shipp, R.L. Hughes, and K. Myers)
- Kenny, R. BZ/54 (with N. Haysom)
- Kerr, I.S. M/63
- Kerry, K.R. BZ/161 (with M. Messer), 176
- Kilfoyle, B.P. UAA/80, 83 (with F. Jacka)
- Kirk, R.L. BZ/80 (with J. Eadie)
- Kisaki, K. GL/68, 72, G/50
- Knightley, R. BZ/55, 56
- Kohn, M.A. BZ/94
- Kott, P. BZ/6
- Kramp, P.L. BZ/7
- Kraus, E.B. M/31
- Krichak, O.G. M/68
- Lambeth, A.J. GL/7, 8, G/15
- Lambert, B.P. GC/2 (with P.G. Law)
- Landon Smith, I.H. GL/44, 48 (with B. Woodberry), 63 (with W.F. Budd, and E. Wishart)
- Langford, J.C. M/32, 33, 34, 62
- Law, P.G. UAC/10 (with D.E. Caro, and H.D. Rathgeber), 24 (with C.D. McKenzie, and H.D. Rathgeber), M/69, GC/2 (with B.P. Lambert), 3, GL/30, 31, 52, OP/3, MDP/3, 18, MDPS/1, 2, 3, 4, 6, L/3, 12, 13, 15 (with F. McMahon), 16 (with F. McMahon), 30, GNG/1, 2 (with T. Burstall), 3 (with T. Burstall), 8 (with J.M. Béchervaise), 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46 (with T. Burstall), 51 (et al.), 53, 54, 55, 56, 57, 59, 60, 63, 64, 65, 73, 77, 83, 90, 93, 95, 105, 106, 107, 108, 112, 115, 118
- Leinbach, H. UAA/89 (with R.J. Schmidt, and R.R. Brown)
- Lied, N.T. GL/38, M/79, 86
- Lim, G.H.K. BZ/170 (with M.M. Bryden)
- Lindholm, E. BZ/57
- Ling, J.K. BZ/120 (with D.G. Nicholls), 138, 143, 146, 150 (with C.D.B. Thomas), 156 (with D.G. Nicholls and C.D.B. Thomas), 164
- Linton-Smith, N. L/45, 46

Little, A.S. UAI/6
 Lloyd, S.H. M/35
 Lodwick, K.B. EPM/4
 Loewe, F. M/37, 38 (with U. Radok), 39 (with U. Radok), 40 (with U. Radok, and A. Grant), GL/10, 11, 12, 33, OP/4, S, GNG/47
 Lugg, D.J. BZ/145, MDP/16, 19, 25 (with G.M. Budd, K.E. Hicks, L.G. Murray, and D.R. Wigg), 26, 29
 Lukinovic, Z. L/25 (with D.F. Styles, A.M. Brown, and G.D.P. Smith)
 McCarthy, W.R. G/23 (with D.S. Trail)
 McCracken, K.G. UAC/13 (with A.G. Fenton, N.R. Parsons, and P.A. Trost), 25, 26, 27 (with D.H. Johns), 28 (with N.R. Parsons), 43 (with A.G. Fenton, D.C. Rose, and B.G. Wilson), 44 (with A.G. Fenton, D.C. Rose and B.G. Wilson), 45 (with A.G. Fenton, D.C. Rose and B.G. Wilson), 48, 50, 51
 McDougall, I. G/30 (with A.W. Webb and J.A. Cooper)
 McGregor, P.M. EPM/5, 6
 McInnes, B.A. UAC/7 (with W.J. Steuart, and J. Munro), UAI/16
 McKenzie, C.D. UAC/24 (with P.G. Law, and H.D. Rathgeber)
 MacKenzie, D. BZ/163
 McKenzie, J.F. UAC/65 (with D. Seedsman), 68 (with M. Bowthorpe)
 McKinnon, G.W. G/5, GL/28 (with M. Mellor), GNG/61, 74, 100
 McLaren, A. GL/53, 65
 McLeod, I.R. G/20, 21, 22 (with P.W. Crohn), 36, 37 (with C.M. Gregory), 38 (with R.R. Harding), 39 (with D.S. Trail, P.J. Cook, and G.R. Wallis), 40, 45 (with D.S. Trail), 46 (with D.S. Trail), GL/55
 McMahon, P.F. L/15 (with P.G. Law), 16 (with P.G. Law), 17
 McNaughton, I.L.K. UAC/53 (with J.E. Humble), 54 (with J. Phillips)
 McRae, J.N. M/42
 Major, A. G/35 (with E. Irving, and P.J. Stephenson)
 Major, G. UAA/25, UAI/7, 13
 Manguin, E. OB/9
 Martin, A.R. M/1 (with A.V. Gotley, and W.J. Gibbs), 2 (with A.V. Gotley, and W.J. Gibbs), 3 (with A.V. Gotley, and W.J. Gibbs), GNG/48
 Martyn, D.F. GNG/51
 Mather, K.B. M/41, GL/16 (with M.J. Goodspeed), 32, GNG/49
 Mawson, Sir Douglas, GNG/51 (et al.)
 Mawson, P.M. BZ/58
 Medvecky, A. G/51
 Melbourne, W.H. L/47 (with D.F. Styles)
 Mellor, M. M/71 (with U. Radok), GL/2, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28 (with G.W. McKinnon), 29 (with U. Radok), 42, 60
 Merilees, W. BZ/172 (with R. Burn), 182, 185, 189
 Messer, M. BZ/161 (with K.R. Kerry)
 Millett, M.R.O. GNG/50, 58, 101, 126
 Mitchell, L.R. M/58
 Moore, B.W. BM/11 (with A.S. Cameron), MDB/1 (with A.S. Cameron)
 Moore, D.M. BB/5 (with A.B. Costin), 9, 13
 Moyes, M.H. GNG/76
 Munro, J. UAC/7 (with B.A. McInnes, and W.J. Steuart)
 Murray, E.L. UAW/2 (with W.G. Elford)
 Murray, L.G. MDP/25 (with G.M. Budd, K.E. Hicks, D.J. Lugg, and D.R. Wigg)
 Murray, M.D. BZ/59, 95, 134, 137 (with D.G. Nicholls), 142 (with M.S.R. Smith, and Z. Soucek), 153, 154 (with W.J.M. Vestgens), 158 (with M.N. Orton, and A.S. Cameron)
 Mushin, R. BM/12 (with Z. Soucek)
 Myers, K. BZ/115 (with E. Shipp, K. Keith, and R.L. Hughes)
 Nicholls, D.G. BZ/120 (with J.K. Ling), 137 (with M.D. Murray), 156 (with J.K. Ling, and C.D.B. Thomas), 194
 Nilsson, C.S. UAA/46 (with A.A. Weiss)

Nisbet, J. L/5 (with J. Ballantyne)
 Norris, D. M/18 (with I. Bird, G. Creswell, J.E. Humble, and E.K. Bigg), 43 (with J.P. Funk)
 Nunn, W.J. BZ/67 (with G. Winter), 68 (with G. Winter), 69 (with G. Winter), 70 (with G. Winter), 71 (with G. Winter)
 Nurse, F.R. BZ/97
 O'Brien, B.J. UAA/26, 27, 28 (with G. de la Harpe), 33
 Oldham, W.H. EPM/7
 Oliphant, M.L.O. GNG/51 (et al.)
 Orton, M.N. BZ/98, 99, 158 (with M.D. Murray, and A.S. Cameron), 162, 188
 Owens, A.G. MDPS/8, 9, 10, 11
 Palmi, G. MDP/7, 8, 9, MDPS/5 (with V. Gault), 7
 Pardoe, R. MDP/14
 Parsons, N.R. UAC/1 (with F. Jacka, P.W. Ford, and R.M. Jacklyn), 2 (with R.M. Jacklyn), 8, 9, 13 (with A.G. Fenton, K.G. McCracken, and P.A. Trost), 28 (with K.G. McCracken), 29, 30, 31, 32, 33, 34 (with A.G. Fenton), 38 (with J. Phillips), 47 (with P.J. Edwards, A.G. Fenton, K.B. Fenton, and J.G. Greenhill), 58 (with J.G. Greenhill, K.B. Fenton, and A.G. Fenton), 60 (with R.R. Brown, J.R. Barcus and J. Reid), 61 (with R.R. Brown, and J.R. Barcus), 62 (with R.R. Brown, and J.R. Barcus), UAA/2 (with K.B. Fenton)
 Pawson, D.L. BZ/79, 165
 Penney, R.L. BZ/124
 Phillips, J. UAC/38 (with N.R. Parsons), 54 (with I.L.K. McNaughton), 67 (with D.J. Cooke), 70 (with J.G. Greenhill, K.B. Fenton, A.G. Fenton, and M. Bowthorpe)
 Phillpot, H.R. M/44, 56, 74, 78, 80, 81
 Pinn, J.D. EPM/8
 Playford, P.E. G/42 (with B.E. Balme)
 Pomerantz, M.A. UAC/82 (with R.M. Jacklyn, and S.P. Duggal), 86 (with R.M. Jacklyn, and S.P. Duggal)
 Quate, L.W. BZ/101
 Quilty, P.G.J. EPM/17 (with R. Varne and R.D. Gee)
 Radok, U. M/17 (with F.A. Berson), 38 (with F. Loewe), 39 (with F. Loewe), 40 (with F. Loewe and A. Grant), 71 (with M. Mellor), GL/3 (with W.R.J. Dingle), 29 (with M. Mellor), 39 (with D. Jenssen), 40 (with D. Jenssen), 73, 74 (with D. Jenssen, and W.F. Budd), 82 (with W.F. Budd, and D. Jenssen)
 Rathgeber, H.D. UAC/10 (with D.E. Caro, and P.G. Law), 24 (with P.G. Law, and C.D. McKenzie)
 Rayner, J.M. EPM/11
 Reid, J. UAC/60 (with R.R. Brown, J.R. Barcus, and N.R. Parsons)
 Reilly, J.F. UAC/79 (with J.F. Reilly), 84 (with A. Vrana)
 Robertson, C.S. EPM/9, 12, 13
 Rose, D.C. UAC/41 (with A.G. Fenton, and K.B. Fenton), 43 (with A.G. Fenton, K.G. McCracken, and B.G. Wilson), 44 (with A.G. Fenton, K.G. McCracken, and B.G. Wilson), 46 (with A.G. Fenton)
 Rovira, A.D. BM/4 (with J.S. Bunt), 7 (with J.S. Bunt)
 Rudolph, E.D. BB/6 (with C.W. Dodge)
 Sabrosky, C.W. BZ/102
 Sandford, B.P. UAA/71 (with R.H. Eather)
 Schaeffer, R.C. UAA/76, 78, 91 (with F. Jacka)
 Schmidt, R.J. UAA/89 (with H. Leinbach, and R.R. Brown)
 Scholes, A. GNG/9, 10
 Schwerdtfeger, W. M/65, GL/78 (with G.E. Weller), 81
 Seedsman, D. UAC/65 (with J.F. McKenzie), UAA/75 (with R.J. Francis, and J.M. Bennett)
 Segnit, E.R. G/11
 Serventy, D.L. BZ/60
 Shaw, J.E. UAA/29, UAI/14

Shaw, P.J.R. M/45, 46, 47, 53
 Shipp, E. BZ/115 (with K. Keith, R.L. Hughes, and K. Myers)
 Shaughnessy, P.D. BZ/181, 184, 190, 191, 192, 195
 Simonow, G.V. UAA/69 (with J. Ballantyne), 70, EPM/16 (with K.D. Cole), 15
 Simpson, K.G. BZ/139, 140
 Slack-Smith, R.J. BZ/61
 Smethurst, N.R. L/18, 19 (with R.F.M. Dalton)
 Smit, F.G.A.M. BZ/103 (with G.M. Dunnet)
 Smith, F.A. L/20, 21, 22, 40 (with A.M. Brown), 41 (with A.M. Brown)
 Smith, G.D.P. L/23, 24, 25 (with D.F. Styles, A.M. Brown, and Z. Lukinovic), 34, 35, 37 (with D.J. Lugg), 38, 39 (with D. De Mole, and A.M. Brown), 43 (with J.A. Gamble)
 Smith, M.S.R. BZ/142 (with M.D. Murray, and Z. Soucek)
 Smithers, C.M. BZ/105
 Soucek, Z. BZ/142 (with M.D. Murray, and M.S.R. Smith), BM/12 (with R. Mushin)
 Stannard, L.J. (Jr.) BZ/104
 Stephenson, P.J. G/18, 35 (with E. Irving, and A. Major), GL/77 (with G.M. Budd), GNG/91
 Steuart, W.J. UAC/7 (with B.A. McInnes and J. Munro)
 Stokes, G.M. BZ/179 (with M.M. Bryden)
 Strandtmann, R.W. BZ/119 (with H. Womersley)
 Streten, N.A. M/50, 54, 55, 76
 Styles, D.F. L/25 (with A.M. Brown, G.D.P. Smith, and Z. Lukinovic), 44, 47 (with W.H. Melbourne), GNG/67, 75, 116 (with P.H. Sulzberger)
 Sulzberger, P.H. GNG/116 (with D.F. Styles)
 Sumner, C.J. GL/37 (with B.G. Collins)
 Swaine, D.J. G/2
 Szumer, A.Z. BB/12 (with H.H. Hatt)
 Taylor, B.W. BB/2, 10, 11
 Taylor, G.H. G/49 (with A.J.R. Bennett)
 Taylor, R.B. UAC/36 (with A.G. Fenton, and R.M. Jacklyn)
 Tehan, Y.T. BM/5 (with J.S. Bunt), 6 (with J.S. Bunt)
 Tenni, P.B. EPM/10 (with J.A. Brooks)
 Thomas, C.D.B. BZ/150 (with J.K. Ling), 156 (with J.K. Ling, and D.G. Nicholls)
 Thomas, I.L. UAA/90 (with F.R. Bond)
 Thomson, R.B. GNG/88, 92, 94, 131
 Trail, D.S. G/14, 23 (with W.R. McCarthy), 28, 29 (with W.R. McCarthy), 39 (with I.R. McLeod, P.J. Cook, and G.R. Wallis), 41, 45 (with I.R. McLeod), 46 (with I.R. McLeod)
 Treloar, H.M. M/48
 Trost, P. UAC/4 (with D.H. Johns), 5 (with R.E. Dunlop), 13 (with A.G. Fenton, K.G. McCracken, and N.R. Parsons)
 Varne, R. EPM/17 (with R.D. Gee, and P.G.J. Quilty)
 Vestgens, W.J.M. BZ/106, 154 (with M.D. Murray)
 Von der Borch, C.C. G/47 (with M.E. White)
 Vrana, A. UAC/74 (with R.J. Francey), 77 (with D. Ellyard), 82 (with R.M. Jacklyn), 84 (with J.F. Reilly)
 Von Keler, S. BZ/62
 Wallis, G.R. G/39 (with D.S. Trail, I.R. McLeod, and P.J. Cook)
 Wallwork, J.A. BZ/117
 Warhaft, N. MDP/21 (with G.M. Budd, 22 (with G.M. Budd, 27 (with G.M. Budd)
 Warham, J. BZ/63, 64, 107, 123, 157, 174, 180
 Watson, K.C. BZ/160
 Webb, A.W. G/30 (with I. McDougall, and J.A. Cooper)
 Weiss, A.A. UAA/46 (with C.S. Nilsson)
 Weller, G.E. GL/58, 59, 61, 64, 67, 78 (with P. Schwerdtfeger)
 Wexler, H. M/67
 White, K.S. UAC/76 (with J.S. Boyd), 80 (with R.O. Jelleff)

White, M.E. G/47 (with C.C. Von der Borch)
Whitworth, R. GL/75 (with G.A. Allen)
Widdows, E.I. M/49
Wigg, D.R. MDP/25 (with G.M. Budd, K.E. Hicks, D.J. Lugg, and L.G. Murray)
Willing, R.L. BZ/65, 66
Wilson, B.G. UAC/43 (with A.G. Fenton, K.G. McCracken, and D.C. Rose), 44 (with
A.G. Fenton, K.G. McCracken, and D.C. Rose), 45 (with A.G. Fenton,
K.G. McCracken, and D.C. Rose)
Wilson, O. BZ/82
Winter, G. BZ/67 (with W.J. Nunn), 68 (with W.J. Nunn), 69 (with W.J. Nunn), 70 (with
W.J. Nunn), 71 (with W.J. Nunn)
Wirth, W.W. BZ/108
Wishart, E.R. GL/49, 63 (with W.F. Budd, and I.H. Landon Smith), 80
Womersley, H. BZ/119 (with R.W. Strandtmann)
Wood, E.J.F. OB/5, 6
Woodberry, B. GL/48 (with I.H. Landon Smith)
Yoshimoto, C.M. BZ/109
Young, P.S. BZ/2 (with M.C. Downes, E.H.M. Ealey, and A.M. Gwynn)
Zumpt, F. BZ/8

