

# APPENDIX

For a copy of "The Royal Society of New Zealand Act, 1933," and of Rules relating to Admission, Duties, Proceedings, Awards, etc., see *Transactions*, vol. 65, pp. 468-495.

## LIST OF AWARDS

### AWARD OF THE HECTOR MEMORIAL MEDAL AND PRIZE

1912. L. Cockayne, C.M.G., Ph.D., F.R.S., F.R.S.N.Z., F.L.S.—For researches in New Zealand botany.
1913. Sir Thomas H. Easterfield, K.B.E., M.A., Ph.D., F.R.S.N.Z.—For researches in chemistry.
1914. E. Best, F.R.S.N.Z.—For researches in New Zealand ethnology.
1915. P. Marshall, M.A., D.Sc., F.R.S.N.Z., F.G.S.—For researches in New Zealand geology.
1916. Lord Rutherford of Nelson, O.M., D.Sc., F.R.S., F.R.S.N.Z.—For researches in physics.
1917. C. Chilton, M.A., D.Sc., M.B., C.M., F.R.S.N.Z., F.L.S.—For researches in zoology.
1918. T. F. Cheeseman, F.R.S.N.Z., F.L.S., F.Z.S.—For researches in New Zealand systematic botany.
1919. P. W. Robertson, M.A., M.Sc., Ph.D., F.R.S.N.Z.—For researches in chemistry.
1920. S. Percy Smith, F.R.S.N.Z., F.R.G.S.—For researches in New Zealand ethnology.
1921. R. Speight, M.A., M.Sc., F.R.S.N.Z., F.G.S.—For work in New Zealand geology.
1922. C. Coleridge Farr, D.Sc., F.R.S., F.R.S.N.Z.—For research in physical science and more particularly work in connection with the magnetic survey of New Zealand.
1923. G. V. Hudson, F.R.S.N.Z., F.E.S.—For researches in New Zealand entomology.
1924. D. Petrie, M.A., F.R.S.N.Z.—For researches in New Zealand botany.
1925. B. C. Aston, F.R.S.N.Z., F.R.I.C.—For the investigation of New Zealand chemical problems.
1926. H. D. Skinner, C.B.E., M.A., D.Sc., F.R.S.N.Z.—For research in ethnology.
1927. C. A. Cotton, D.Sc., Hon. LL.D., F.R.S.N.Z., F.G.S.—For researches in the geomorphology of New Zealand.
1928. D. M. Y. Somerville, M.A., D.Sc., F.R.S.N.Z.—For his general mathematical work and particularly for his investigations in non-Euclidean geometry.
1929. G. M. Thomson, F.R.S.N.Z., F.L.S.—For researches on the acclimatisation of animals in New Zealand and on the natural history of New Zealand fishes.
1930. J. E. Holloway, L.Th., D.Sc., F.R.S., F.R.S.N.Z.—For researches in the life-histories of New Zealand Pteridophytes.
1931. W. P. Evans, C.B.E., M.A., Ph.D., F.R.S.N.Z.—For research in pure and applied chemistry.
1932. Te Rangī Hiroa (P. H. Buck), M.D., Ch.B. (N.Z.), F.R.S.N.Z.—For researches in Maori ethnology.
1933. W. N. Benson, B.A., D.Sc., F.R.S.N.Z., F.G.S., and J. Marwick, M.A., D.Sc., F.R.S.N.Z.—For researches in New Zealand geology.
1934. G. E. Weatherburn, M.A., D.Sc.—For outstanding original work in mathematics, especially in the use of vector analysis.

1935. Sir William B. Benham, K.B.E., M.A., D.Sc., F.R.S., F.R.S.N.Z.—For original researches in New Zealand zoology.
1936. W. R. B. Oliver, D.Sc., F.R.S.N.Z., F.Z.S.—For research in New Zealand botany.
1937. J. R. Hosking, B.Sc., Ph.D.—For research in the chemistry of New Zealand plants.
1938. H. W. Williams, M.A., Litt.D., F.R.S.N.Z.—For researches in ethnology.
1939. J. A. Bartrum, M.Sc., F.R.S.N.Z.—For researches in geology.
1940. D. B. Macleod, M.A., D.Sc., F.R.S.N.Z.—For outstanding work in molecular physics.
1941. H. J. Finlay, D.Sc., F.R.S.N.Z.—For researches on mollusca and foraminifera.
1942. H. H. Allan, M.A., D.Sc., F.R.S.N.Z., F.L.S.—For researches in New Zealand botany.
1943. L. H. Briggs, D.Sc. (N.Z.), D.Phil. (Oxon), F.R.S.N.Z., F.N.Z.I.C., F.C.S.—For researches in chemistry.
1944. J. C. Anderson, M.B.E., F.R.S.N.Z.—For researches in ethnology.
1945. J. Henderson, M.A., D.Sc., F.R.S.N.Z.—For researches in New Zealand geology.
1946. H. G. Forder, M.A. (Cantab.)—For original contributions to mathematics, especially his treatise "The Calculus of Extension."
1947. A. W. B. Powell, F.R.S.N.Z.—For outstanding and long-continued researches on Mollusca.
1948. G. H. Cunningham, C.B.E., D.Sc., Ph.D., F.R.S., F.R.S.N.Z.—For researches in mycological botany.
1949. R. A. Robinson, Ph.D., D.Sc. (Birm.), F.R.I.C., F.N.Z.I.C.—For researches in physical chemistry.
1950. Ernest Beaglehole, M.A. (N.Z.), Ph.D., D.Litt. (Lond.), F.R.S.N.Z.—For researches in Polynesian ethnology.
1951. F. J. Turner, D.Sc. (N.Z.), F.R.S.N.Z., F.G.S.—For researches in metamorphic geology.
1952. K. E. Bullen, M.A., B.Sc. (N.Z.), M.A. (Melb.), Sc.D. (Cantab.)—For research in seismology.
1953. L. E. Richdale, M.A., D.Sc., F.R.S.N.Z.—For researches in bird behaviour.
1954. Mrs. Watson Smith (Lucy May Cranwell), F.R.S.N.Z.—For researches in botany.
1955. F. B. Shorland, Ph.D., D.Sc. (Liv.), F.R.S.N.Z., F.N.Z.I.C.—For contributions to chemistry of fats.
1956. R. S. Duff, M.A., D.Sc., F.R.A.I.—For contributions to science of anthropology, and in particular researches in the material culture of the moa hunters.
1957. H. W. Wellman, M.A., D.Sc.—For research in New Zealand geology.
1958. A. G. McLellan, Ph.D. (Edin.), M.Sc.—For theoretical work on the physical properties of fluids.
1959. H. B. Fell, M.Sc. (N.Z.), Ph.D. (Edin.)—For outstanding researches in Echinoderm embryology and systematics.
1960. E. E. Chamberlain, D.Sc.—For outstanding researches in New Zealand plant virology.

AWARD OF THE HUTTON MEMORIAL MEDAL

1911. Sir William B. Benham, K.B.E., M.A., D.Sc., F.R.S., F.R.S.N.Z.—For researches in New Zealand zoology.
1914. L. Cockayne, C.M.G., Ph.D., F.R.S., F.R.S.N.Z., F.L.S.—For researches in the ecology of New Zealand plants.
1917. P. Marshall, M.A., D.Sc., F.R.S.N.Z., F.G.S.—For researches in New Zealand geology.

1920. J. E. Holloway, L.Th., D.Sc., F.R.S., F.R.S.N.Z.—For researches in New Zealand pteridophytic botany.
1923. J. A. Thomson, M.A., D.Sc., F.R.S.N.Z., F.G.S.—For researches in geology.
1926. C. Chilton, M.A., D.Sc., LL.D., M.B., C.M., F.R.S.N.Z., F.L.S.—For his continuous researches on the amphipodous crustacea of the Southern Hemisphere
1929. G. V. Hudson, F.R.S.N.Z., F.E.S.—For research in entomology.
1932. J. A. Bartrum, M.Sc., F.R.S.N.Z.—For researches in geology.
1935. G. H. Cunningham, C.B.E., D.Sc., Ph.D., F.R.S., F.R.S.N.Z.—For research in mycological botany.
1938. David Miller, Ph.D., M.Sc., F.R.S.N.Z., C.M.Z.S., F.R.E.S., F.L.S.N.S.W.—For researches in entomology.
1941. H. H. Allan, M.A., D.Sc., F.R.S.N.Z., F.L.S.—For botanical researches.
1944. W. N. Benson, D.Sc., F.R.S., F.R.S.N.Z.—For researches in New Zealand Geology.
1947. C. A. Cotton, D.Sc., Hon. LL.D., F.R.S.N.Z.—For researches on the geomorphology of New Zealand.
1950. W. R. B. Oliver, D.Sc. (N.Z.), F.R.S.N.Z.—On account of his zoological and botanical attainments.
1953. J. Marwick, M.A., D.Sc., F.R.S.N.Z.—For researches in palaeontology.
1956. C. A. Fleming, B.A., D.Sc., F.R.S.N.Z.—For researches in New Zealand palaeontology.
1959. L. R. Richardson, M.Sc., Ph.D. (McGill.), F.R.S.N.Z.—For research on the zoology of Cook Strait.

## GRANTS FROM THE HUTTON MEMORIAL RESEARCH FUND

1919. Miss M. K. Mestayer £10, for work on the New Zealand mollusca.
1923. Professor P. Marshall £40, for study of the Upper Cretaceous ammonites of New Zealand.
1927. Miss M. K. Mestayer £30, for research on brachiopoda and mollusca.
1928. Dr. C. Chilton £50, for research on New Zealand and Antarctic crustacea.
1928. Dr. H. J. Finlay £10, for research on New Zealand mollusca.
1932. Dr. F. J. Turner £30, for geological expedition to south-west portion of Otago.
1932. Mr. C. E. Christensen £25, for collecting hybrid plants at Hanmer.
1932. Mr. L. C. King £20, for geological study of tertiary rocks at Awatere Valley, Marlborough.
1932. Dr. O. H. Frankel £25, for cytological research.
1932. Waitemata Harbour Survey Committee £25, for ecological survey of Waitemata Harbour.
1933. Mr. G. M. Thomson £30, for preparation of illustrated catalogue of New Zealand crustacea.
1933. Mr. K. M. Ruddall £5, for zoological research on Little Barrier Island.
1934. Mr. L. C. King £25, for geological research in the Marlborough District.
1934. Messrs. R. A. Falla and A. W. B. Powell £40, for research on the molluscan and bird fauna of the Sub-Antarctic Islands of New Zealand.
1934. Dr. W. R. B. Oliver £50, for assistance in publishing a monograph on the genus *Coprosma*.
1935. Dr. P. Marshall £40, for purchase of microscope goniometer and field work in connection with mineral "tuhualite" of Mayor Island and the occurrence of the spheroidal granite of Karamea.
1935. Mr. H. Service £4 10s, for geological research at the Bluff.

1936. Mr. C. O. Hutton £30, for field study of the metamorphic and intrusive rocks of the Lake Wakatipu region.
1938. Dr. F. J. Turner £15, to defray cost of cutting oriented sections of Otago schists.
1939. Mr. L. E. Richdale £20, for expenses in connection with the ringing of birds.
1941. Dr. F. J. Turner £25, for research on the structural petrology of metamorphic rocks in Central Otago and Fiordland.
1941. Dr. S. N. Slater £10, for work on the poisonous constituents of tutu.
1942. Mr. L. E. Richdale £40, for ornithological research at Stewart Island.
1942. Dr. F. J. Turner £25, for structural petrology of metamorphic rocks.
1944. Mr. L. E. Richdale £20, for ornithological research at Stewart Island.
1944. Southland Branch Royal Society of N.Z. £40 towards cost of erecting hut on Whero Island for ornithological observation purposes.
1945. Miss L. B. Moore £10, for the study of marine algae on the Wellington Coast.
1945. Professor B. J. Marples £20, for investigation in vertebrate palaeontology at Duntroon.
1945. Miss Marion L. Fyfe £20, for the study at Coromandel of the frog *Leiopelma*.
1945. Dr. B. H. Mason £25, for research in geology in the Culverden district.
1946. Mrs. E. A. Hodgson £5 for the purchase of two books on hepaticae.
1946. Mr. J. B. Mackie £30, for research on the regional structure of the schists of Northern and Central Otago. (Grant subsequently relinquished on account of grantee's departure from New Zealand.)
1946. Mr. M. Te Punga £30, for work in connection with geological aspects of palaeobotany and petrography.
1946. Mr. R. J. McLaughlin £30, for geological work on the Haurangi Range area in the eastern portion of the Wellington Province.
1946. Mr. Te Punga £30, for work in connection with geological aspects of palaeobotany and petrography.
1947. Dr. H. B. Fell £4 10s, for research on the New Zealand Bronze Cuckoo.
1947. Dr. K. Wodzicki and Mr. C. A. Fleming £40, for a census of the gannet colonies of New Zealand.
1947. Mr. L. E. Richdale £30, for a gannet census of Solander Island.
1948. Dr. Greta B. Cone £50, for work on plankton organisms and larger fungi.
1948. Mr. M. H. Battey £30, for investigation of the igneous rocks and general geology of Cape Karikari area.
1949. Mr. B. van 't Woudt £42, for research on soil relationships of *Pinus radiata* in the State Forest Plantations on the acid pumice soils at Kaingaroa Plains.
1949. Mr. V. J. Cook £30, for research on cyperaceae.
1949. Professor L. R. Richardson and Mr. B. Bary £30, for the study by observation flights of the blooming of *Cyclotrichium* in the Wellington Harbour.
1949. Mr. D. R. McQueen £15, for research on the regeneration after fires in the *Nothofagus* forests of the Southern Tararuas.
1949. Messrs. A. W. P. Powell and R. Cooper £50, for an ecological survey of the Goulard Downs area, Nelson.
1949. Mr. W. H. Dawbin £40, for research on humpback whales at Norfolk Island.
1949. Mr. L. E. Richdale, transfer of grant for Solander Island gannet research to albatross and penguin research on the Otago Peninsula.

1951. Dr. E. G. Turbott and Dr. T. E. Woodward £20, for an entomological survey at Three Kings Islands.
1951. Mr. Maxwell Gage £25, for research on the glaciers of Canterbury and Westland.
1951. Mr. E. D. Hatch, for assistance in the cost of drawings for his papers, £18 18s.
1951. Mr. F. J. F. Fisher £25, for a study of the cytogenetic relationships of the N.Z. species of *Ranunculus*.
1951. Dr. M. Laird £45, for a field trip to Norfolk Island to study protozoan parasites.
1951. Mr. J. D. Campbell £20, for collecting material for research in New Zealand Triassic and Jurassic Brachiopoda.
1952. Miss V. Jolly, £90, for apparatus and transport for an investigation on the plankton of New Zealand lakes.
1952. Mr. B. H. Mason, £100 for geological survey of igneous rocks in the Kaikoura Mountains.
1954. Mr. J. W. Dawson £40, collecting specimens of the genus *Anisotome* in the South Island and Stewart Island.
1954. Dr. Margaret Naylor £15, for work on algae.
1954. Mr. J. D. Campbell £20, for work on N.Z. Triassic and Jurassic Brachiopods.
1955. Dr. J. T. Salmon £25, for translation of a foreign paper.
1955. Mr. C. B. Trevarthen £30, for field study of marine biology round South Island Coast.
1955. Dr. Maxwell Gage £50, for research in the Pleistocene History of Canterbury and preparation of a map.
1955. Messrs. W. C. Clark and E. W. Dawson £15, for breeding biology of the white-fronted tern.
1955. Dr. R. L. Oliver £25, cost of sections and chemical analysis of igneous rocks from Campbell Island.
1956. Dr. M. H. Battley, £50, to assist in petrological study of the rocks of Dun Mountain, near Nelson.
1956. Dr. G. A. Bottomley £20, for launch transport in connection with research on the seiche phenomena of Lake Wakatipu.
1956. Dr. R. C. Cooper, £50, for expenses of further studies in variation of *Metrosideros*.
1956. Miss Aola Richards £27, for travelling expenses in studying the ecology and life history of cave wetas at Waitomo Caves.
1956. Dr. R. W. Balham £26 18s 10d, for the purchase of Kodachrome films for use in the Trans-Antarctic Expedition.
1956. Mr. J. C. Yaldwyn £25, for study of the bottom fauna of the Bay of Plenty.
1957. Dr. L. Gurr £80, for research on the Red-billed and Black-billed Gulls.
1957. Dr. C. Wallace £25, for research on the neural complex of Ascidians (revised object, field work).
1958. Mr. G. A. Knox and Dr. E. Godley, £30, for films for South Pacific Expedition to Chile.
1958. Mr. Jiro Kikkawa, £26, for study in productivity of birds in Lake McKerrow area.
1959. Mr. W. J. Phillipps, £18, for travelling expenses to study the skins of the Huia in museums throughout the country.
1959. Miss Ann Chapman, £50, for collection of plants and animals of Lake Monk, in Southern Fiordland.
1959. Mrs. Helen Hughes, £22, for field work on the pakihi bogs of the Westport District.

## AWARD OF THE HAMILTON MEMORIAL PRIZE

1923. J. G. Myers, D.Sc.  
 1926. H. J. Finlay, D.Sc., F.R.S.N.Z., and J. Marwick, D.Sc., F.R.S.N.Z.  
 1934. L. C. King, M.Sc., Ph.D.  
 1937. C. O. Hutton, M.Sc., Ph.D., F.G.S., F.M.S.Am.  
 1943. C. A. Fleming, B.A., M.Sc.  
 1947. Elizabeth J. Batham, M.Sc.  
 1951. Marshall Laird, M.Sc. (N.Z.), Ph.D.  
 1955. Richard K. Dell, B.A., M.Sc., Dip.Ed.  
 1959. Graeme R. Stevens, M.Sc.

## AWARD OF THE T. K. SIDEY SUMMER-TIME MEDAL AND PRIZE

1933. Lord Rutherford of Nelson, O.M., D.Sc., F.R.S., F.R.S.N.Z.  
 Special award to Mr. G. V. Hudson, F.R.S.N.Z., F.E.S.  
 1936. Sir Leonard Hill, Kt., M.B., LL.D.  
 1947. D. F. Martyn, Ph.D., D.Sc.  
 1951. V. A. Bailey, M.A., D.Phil. (Oxon.), F.I.P.—For contributions in the field of radiation.  
 1955. H. A. Whale, M.Sc., Ph.D.—For work on the Ionosphere and on radio propagation.  
 1959. J. H. Piddington, M.Sc., B.E., Ph.D.—For contributions in the field of radio-astronomy.

## AWARD OF THE E. R. COOPER MEMORIAL MEDAL AND PRIZE

1958. C. D. Ellyett, Ph.D. (Manc.), M.Sc.  
 1960. G. J. Fergusson, M.Sc., A.M.I.E.E.

# THE ROYAL SOCIETY OF NEW ZEALAND

ESTABLISHED UNDER AN ACT OF THE GENERAL ASSEMBLY OF NEW ZEALAND ENTITLED THE NEW ZEALAND INSTITUTE ACT, 1867; RECONSTITUTED UNDER THE NEW ZEALAND INSTITUTE ACT, 1903; CONTINUED UNDER THE NEW ZEALAND INSTITUTE ACT, 1906; AND RECONSTITUTED UNDER THE ROYAL SOCIETY OF NEW ZEALAND ACT, 1933.

## COUNCIL FOR 1960-61

### HONORARY PATRON:

His Excellency the Governor-General of New Zealand, LORD COBHAM

### EX OFFICIO:

The Honourable Minister for Scientific and Industrial Research,  
MR. P. N. HOLLOWAY

### PRESIDENT:

J. K. DIXON, M.Sc., Ph.D. (Lond.), D.I.C., F.R.I.C., F.N.Z.I.C.

### IMMEDIATE PAST PRESIDENT:

R. S. ALLAN, Ph.D. (Cantab.), D.Sc., F.R.S.N.Z.

### VICE-PRESIDENTS:

K. R. ALLEN, M.A. (Cantab.)

C. A. FLEMING, B.A., D.Sc., F.R.S.N.Z.

### GOVERNMENT REPRESENTATIVES:

1959. G. ARCHEY, C.B.E., M.A., D.Sc., F.Z.S., F.R.S.N.Z.

1959. F. R. CALLAGHAN, I.S.O., M.A., F.R.E.S.

1960. R. A. FALLA, C.M.G., M.A., D.Sc., F.R.S.N.Z.

1960. C. A. FLEMING, B.A., D.Sc., F.R.S.N.Z.

### ELECTED BY MEMBER BODIES:

Auckland Institute	.....	S. G. Brooker, M.Sc., F.N.Z.I.C.; A. W. B. Powell, D.Sc., F.R.S.N.Z.
Wellington Branch	.....	K. R. Allen, M.A. (Cantab.); M. A. F. Barnett, O.B.E., M.Sc., Ph.D. (Cantab.), F.Inst.P., F.R.S.N.Z.
Canterbury Branch	.....	C. D. Ellyett, Ph.D. (Manc.), M.Sc.; C. W. Collins, M.A., A.B.L.S. (Mich.), F.L.A.
Otago Branch	.....	G. T. S. Baylis, M.Sc., Ph.D. (Lond.), D.I.C.; W. Martin
Waikato Scientific Association	.....	F. Dorofaeff
Rotorua Branch	.....	J. Healy
Hawke's Bay Branch	.....	N. L. Elder, M.A. (Cantab.), F.R.G.S.
Nelson Branch	.....	Elsa B. Kidson, M.Sc., D.Sc., F.R.I.C., F.N.Z.I.C.
Southland Branch	.....	R. W. Willett, F.G.S.
Co-opted Member	.....	J. T. Salmon, M.Sc., D.Sc., F.R.S.N.Z., A.R.P.S., F.R.E.S.
Honorary Treasurer	.....	S. Cory-Wright, M.C., B.Sc. (Eng.), A.M.I.C.E., M.N.Z.I.E.
Fellows' Representative	Sir	Charles Cotton, K.B.E., D.Sc., F.G.S., F.R.S.N.Z.; Sir Ernest Marsden, K.B. M.C., D.Sc. (Manc.), Hon. D.Sc. (Oxon.), F.R.S., F.R.S.N.Z., M.I.E.E.

## OFFICERS FOR THE YEAR 1960-61.

PRESIDENT: J. K. Dixon, M.Sc., Ph.D. (Lond.), D.I.C., F.N.Z.I.C.

IMMEDIATE PAST-PRESIDENT: R. E. Allan, Ph.D. (Cantab), D.Sc., F.R.S.N.Z.

VICE-PRESIDENTS: K. R. Allen, M.A. (Cantab.).

C. A. Fleming, B.A., D.Sc., F.R.S.N.Z.

HONORARY TREASURER: S. Cory Wright, M.C., B.Sc. (Eng.), A.M.I.C.E.,  
M.N.Z.I.E.

HONORARY EDITOR: J. T. Salmon, D.Sc., F.R.S.N.Z., A.R.P.S., F.R.E.S.

HONORARY LIBRARIAN: L. R. RICHARDSON, M.Sc., Ph.D. (McGill), F.R.S.N.Z.

SECRETARY: Miss M. Wood, F.C.I.S., Royal Society of New Zealand,

Victoria University of Wellington, P.O. Box 196, Wellington, C.1.

Cable and Telegraphic Address: Royalsoc, Wellington.

## MEMBER BODIES.

Name of Society.	Secretary's Name and Address.	Date of Affiliation.
Auckland Institute .....	Dr. G. Archey, Institute and Museum, Auckland.	June 10, 1868.
Wellington Branch of the Royal Society of N.Z. ....	Mrs. K. R. Allen, P.O. Box 3085, Wellington.	June 10, 1868.
Canterbury Branch of the Royal Society of N.Z. ....	Mr. E. R. Mangin, Canterbury Museum, Christchurch.	October 22, 1868.
Otago Branch of the Royal Society of New Zealand .....	Mr. B. W. Campbell, P.O. Box 517, Dunedin.	October 18, 1869.
Nelson Branch of the Royal Society of New Zealand .....	Mr. A. Mahan, 99 Parker's Rd., Nelson.	December 20, 1883.
Hawke's Bay Branch of the Royal Society of New Zealand	Mrs. J. Winkley, The Museum, Napier.	March 31, 1875.
Southland Branch of the Royal Society of New Zealand .....	Mr. W. W. Bailey, 245 Tay St., Invercargill.	October 31, 1939.
Waikato Scientific Association	Mr. D. O'Hare, P.O. Box 908, Hamilton.	June 18, 1954.
Rotorua Branch of the Royal Society of New Zealand .....	Mr. G. E. Russell, 80 Lytton St., Rotorua.	November 16, 1954.

## FORMER MANAGER AND EDITOR

*(Under the New Zealand Institute Act, 1867.)*

1867-1903—Sir James Hector, M.D., K.C.M.G., F.R.S.

## PAST PRESIDENTS

- 1903-04—Hutton, Captain Frederick Wollaston, F.R.S.  
 1905-06—Hector, Sir James, M.D., K.C.M.G., F.R.S.  
 1907-08—Thomson, George Malcolm, F.R.S.N.Z., F.L.S.  
 1909-10—Hamilton, Augustus.  
 1911-12—Cheeseman, Thomas Frederick, F.R.S.N.Z., F.L.S., F.Z.S.  
 1913-14—Chilton, Charles, M.A., D.Sc., LL.D., F.R.S.N.Z., F.L.S., C.M.Z.S.  
 1915 —Petrie, Donald, M.A., Ph.D., F.R.S.N.Z.  
 1916-17—Benham, Sir William Blaxland, M.A., D.Sc., F.R.S., F.R.S.N.Z., F.Z.S.  
 1918-19—Cockayne, Leonard, C.M.G., Ph.D., F.R.S., F.R.S.N.Z., F.L.S.  
 1920-21—Easterfield, Sir Thomas Hill, M.A., Ph.D., F.R.S.N.Z., F.R.I.C., F.C.S.  
 1922-23—Kirk, Harry Borrer, M.A., F.R.S.N.Z.  
 1924-25—Marshall, Patrick, D.Sc., F.R.S.N.Z., F.G.S.  
 1926-27—Aston, Bernard Cracroft, F.R.S.N.Z., F.R.I.C., F.C.S.  
 1928 —Thomson, J. Allan, M.A., D.Sc., F.R.S.N.Z., F.G.S. (Mr. B. C. Aston re-appointed  
 May, 1928, *vice* Dr. J. Allan Thomson, deceased.)  
 1929-30—Farr, Clinton Coleridge, D.Sc., F.R.S., F.R.S.N.Z., F.P.S.L.  
 1931-32—Segar, Hugh William, M.A., F.R.S.N.Z.  
 1933-34—Speight, Robert, M.A., M.Sc., F.R.S.N.Z., F.G.S.  
 1935-36—Williams, Right Rev. Bishop, M.A., Litt.D. (Cantab. and N.Z.), F.R.S.N.Z.  
 1937-38—Evans, Professor W. P., C.B.E., M.A., Ph.D., F.R.S.N.Z., Hon. F.N.Z.I.C.  
 1939-40—Holloway, Rev. J. E., L.Th., D.Sc., F.R.S., F.R.S.N.Z.  
 1941-42—Archey, Gilbert, O.B.E., M.A., D.Sc., F.R.S.N.Z.  
 1943-45—Allan, H. H., M.A., D.Sc., F.R.S.N.Z., F.L.S.  
 1946-47—Benson, Professor W. N., B.A., D.Sc., F.R.S., F.R.S.N.Z., F.G.S.  
 1947 —Marsden, E., C.M.G., C.B.E., M.C., D.Sc., M.I.E.E., F.R.S., F.R.S.N.Z.  
 1948-50—Falla, R. A., M.A., D.Sc. (N.Z.), F.R.S.N.Z.  
 1950-52—Callaghan, F. R., M.A. (N.Z.), F.R.E.S.  
 1952-54—Oliver, W. R. B., D.Sc., F.R.S.N.Z.  
 1954-56—Miller, D., Ph.D., F.R.S.N.Z., C.M.Z.S.  
 1956-58—Briggs, L. H., D.Sc., D.Phil. (Oxon.), F.N.Z.I.C., F.R.S.N.Z.  
 1958-60—Allan, R. S., Ph.D. (Cantab.), D.Sc., F.R.S.N.Z.

## HONORARY MEMBERS

	Elected
Aitken, Alexander Craig, M.A., D.Sc., F.R.S., University of Edinburgh	1940
Bohr, Professor Niels H. D., Universitets Institut for Teoretisk Fysik, Copenhagen, Denmark	1946
Bruun, Anton Fr., D.Sc., Zoological Museum of the University, Krystalgade, Copenhagen, Denmark	1952
Burnet, Professor Sir Macfarlane, M.D., Ph.D., Sc.D., D.Sc., F.R.S., F.R.C.P., F.R.A.C.P., The Walter and Eliza Hall Institute of Medical Research, Univ. of Melbourne, Melbourne, Victoria	1960
Cockcroft, Sir John, 31 Sedley Taylor Road, Cambridge, England	1953
Darwin, Sir Charles G., K.B.E., M.C., M.A., Sc.D., Hon. Sc.D., Hon. LL.D., F.R.S., Newnham Grange, Cambridge, England	1956
Clark, Professor Wilfred E. le Gros, Dept. of Human Anatomy, University Museum Oxford	1954
Cockroft, Sir John, 31 Sedley Taylor Rd., Cambridge, England	1953
Compton, Professor A. H., Ph.D., Sc.D., LL.D., University of Chicago, Chicago, U.S.A.	1934
Conant, Dr. J. B., U.S. High Commissioner for Germany, Mehlemer Aue, Bad Godesberg, Germany	1953
Dale, Sir Henry, D.Litt., Hon. D.Sc. (Cantab.), F.R.S., 54 Campdenhill Court, London, W.8.	1952
Darwin, Sir Charles G., K.B.E., M.C., M.A., Sc.D. Hon. Sc.D., Hon. LL.D., F.R.S., Newnham Grange, Cambridge	1956
Fleming, J. A., D.Sc., Director of Department of Terrestrial Magnetism, 52+1 Broad Branch Road, N.W. Washington, D.C., U.S.A.	1939
Gatenby, J. B., M.A., Ph.D., B.Sc., D.Sc., Professor of Zoology and Comparative Anatomy, University, Dublin	1934
Jeffreys, Sir Harold, M.A. (Cantab.), D.Sc. (Durham), F.R.S., St. John's College, Cambridge University	1943
Jenness, Dr. Diamond, M.A., Division of Anthropology, National Museum of Canada, Ottawa	1941
Mackintosh, Dr. N. A., National Institute of Oceanography, Wormley, Near Godalming, Surrey, England	1953
Mayr, Dr. Ernst, American Museum of Natural History, Central Park West at 79th Street, New York 24	1950
Millikan, Professor Robert A., Ph.D., LL.D., Sc.D., California Institute of Technology, Pasadena, California	1944
Murphy, Robert Cushman, Ph.D. (Brown), D.Sc. (San Marcos), Department of Birds, American Museum of Natural History, New York, U.S.A.	1946
Oliphant, Professor Sir Marcus, K.B.E., M.A., Ph.D. (Cantab. Hon. LL.D. (St. Andrews), Hon. D.Sc. (Melbourne, Belfast, Birmingham, N.S. Wales), Australian National University, G.P.O. Box 4, Canberra, A.C.T.	1960
Pantin, Carl F. A., Sc.D., Dept. of Zoology, University of Cambridge, Downing Street, Cambridge	1955
Raman, Sir Chandrasekharav, M.A., Ph.D., LL.D., D.Sc., F.R.S., Professor Indian Institute of Science, Bangalore	1956
Rivett, Sir David, K.C.M.G., M.A., B.Sc. (Oxon.), D.Sc. (Melb.), F.R.S., Council for Scientific and Industrial Research, Melbourne	1937
Robinson, Sir Robert, Kt., M.A., D.Sc., F.R.S., 170 Piccadilly, London, W.1.	1939
Russell, Sir John, D.Sc., F.R.S., Director of Rothamsted Experiment Station, Harpenden	1928
Skottsberg, Professor C., D.Sc., Apote Karegatan 8, Goteborg C. Sweden	1938
Smith, Sir Sydney, Rector, University of Edinburgh, Edinburgh	1956
Tilley, Dr. C. E., Dept. of Mineralogy and Petrology, University of Cambridge, England	1950
Yonge, Professor C. M., C.B.E., D.Sc., F.R.S., Professor of Zoology, University of Glasgow	1955

FORMER HONORARY MEMBERS

	Elected		Elected
Agardh, Dr. J. G. ....	1900	Hemsley, Dr. W. Botting, F.R.S. ....	1913
Agassiz, Professor Louis ....	1870	Hill, Sir Arthur W., K.C.M.G.,	
Andrews, E. C., B.A., F.G.S. ....	1934	Sc.D., D.Sc., F.R.S. ....	1928
Arber, Dr. E. A. Newell ....	1914	Hochstetter, Dr. Ferdinand von ....	1870
Armstrong, Prof. H. E., F.R.S. ....	1927	Hooker, Sir J. D., F.R.S. ....	1870
Avebury, Lord, P.C., F.R.S. ....	1900	Hopkins, Sir Frederick Gowland,	
Baird, Professor Spencer F. ....	1877	O.M., F.R.S. ....	1937
Balfour, Prof. I. Bayley, F.R.S. ....	1914	Howard, Lelland O., Ph.D., Sc.D.,	
Batson, Professor W., F.R.S. ....	1915	M.D., LL.D. ....	1944
Beddard, Dr. F. E., F.R.S. ....	1906	Howes, G. B., F.R.S. ....	1901
Beneden, Professor J. P. van ....	1888	Huxley, Thomas H., F.R.S. ....	1872
Berggren, Dr. S. ....	1876	Jagger, Dr. T. A. ....	1927
Bledisloe, The Rt. Hon. Viscount	1954	Jeans, Sir James H., F.R.S. ....	1929
Bowen, Sir George Ferguson,		Klotz, Professor Otto J. ....	1903
G.C.M.G. ....	1873	Keith, Sir Arthur, Kt., M.D.,	
Brady, Dr. G. S., F.R.S. ....	1906	F.R.C.S. ....	1939
Bragg, Professor Sir William, O.M.,		Langley, S. P. ....	1896
K.B.E., F.R.S. ....	1923	Lindsay, W. L., M.D. ....	1871
Bruce, Dr. W. S. ....	1910	Liversidge, Professor A., F.R.S. ....	1890
Buck, Sir Peter ....	1934	Lotsy, Dr. J. P. ....	1927
Butler, Sir Edwin, F.R.S. ....	1939	Lydekker, Richard, F.R.S. ....	1896
Carpenter, Dr. W. B., F.R.S. ....	1883	Lyell, Sir Charles, F.R.S. ....	1873
Chapman, Frederick, A.L.S. ....	1932	McCoy, Professor Sir F. ....	1888
Chree, Dr. Charles, F.R.S. ....	1924	McLauchlan, Robert ....	1874
Clarke, Rev. W. B., F.R.S. ....	1876	Malinowski, Bronislaw, Ph.D.	
Codrington, Rev. R. H., D.D. ....	1894	(Cracow), D.Sc. (Lond.)	1936
Comrie, Dr. L. J. ....	1945	F.R.S. ....	
Curie, Madame Marie ....	1927	Marshall, Sir Guy A. K., C.M.G.,	
Darwin, Charles, M.A., F.R.S. ....	1871	F.R.S. ....	1933
Darwin, Sir George, F.R.S. ....	1909	Massart, Professor Jean ....	1916
David, Professor T. Edgeworth,		Masseo, George ....	1900
F.R.S. ....	1904	Masson, Sir D. Orme, F.R.S. ....	1928
Davis, J. W. ....	1891	Mawson, Sir Douglas, B.E., D.Sc.,	
Davis, Professor W. Morris ....	1913	F.R.S. ....	1920
Dendy, Dr. A., F.R.S. ....	1907	Mellor, J. W., D.Sc. ....	1919
Diels, Professor L., Ph.D. ....	1907	Meyrick, E., F.R.S. ....	1907
Drury, Captain Byron ....	1870	Milne, J., F.R.S. ....	1906
Eddington, Sir Arthur Stanley,		Mitten, William, F.R.S. ....	1895
O.M., Kt., F.R.S. ....	1943	Mortensen, Theodor, Ph.D.	1927
Einstein, Professor Albert, F.R.S. ....	1924	The Most Noble the Marquis of	
Ellery, R. L. J., F.R.S. ....	1883	Normanby ....	1880
Etheridge, Professor R., F.R.S. ....	1876	Mueller, Dr. Ferdinand von, F.R.S.	1870
Ettingshausen, Baron von ....	1888	Muller, Professor Max, F.R.S. ....	1878
Eve, H. W., M.A. ....	1901	Newton, Alfred, F.R.S. ....	1874
Filhol, Dr. H. ....	1875	Nordstedt, Professor Otto ....	1890
Finsch, Professor Otto ....	1870	Owen, Professor Richard, F.R.S. ....	1870
Fleming, Six Alexander, Kt. ....	1945	Pickard-Cambridge, Rev. O. H. ....	1873
Flower, Professor W. H., F.R.S. ....	1870	Richards, Rear-Admiral G. H. ....	1870
Fraser, Sir James G., Kt., O.M.,		Riley, Professor C. V. ....	1890
D.C.L., F.R.S. ....	1920	Rolleston, Professor G., M.D., F.R.S.	1875
Garrod, Professor A. H., F.R.S. ....	1878	Ross, Sir Ronald ....	1929
Goebel, Professor Dr. Carl von ....	1901	Rutherford, Lord, F.R.S. ....	1904
Goldschmidt, Richard Benedikt,		Sars, Professor G. O. ....	1902
Ph.D. (Heidelberg), Hon.		Schmidt, Professor J. ....	1930
M.D. (Kiel), Hon. D.Sc.		Slater, Dr. P. L., F.R.S. ....	1875
(Madrid) ....	1948	Seward, Sir Albert, F.R.S. ....	1928
Goodale, Prof. G. L., M.D., LL.D.	1891	Sharp, Dr. D. ....	1877
Gray, Dr. J. E., F.R.S. ....	1871	Sharp, R. B., F.R.S. ....	1885
Gray, Professor Asa ....	1885	Smuts, Rt. Hon. Field Marshal	1942
Gregory, Professor J. W., F.R.S. ....	1920	Stebbing, Rev. T. R. R., F.R.S. ....	1907
Grey, Sir George, K.C.B. ....	1872	Stokes, Vice-Admiral J. L. ....	1872
Gunther, Dr. A., F.R.S. ....	1873	Tenison-Woods, Rev. J. E. ....	1878
Gutenberg, Dr. B. ....	1945	Thiselton-Dyer, Sir W. T., F.R.S.	1894
Haddon, Dr. A. C., F.R.S. ....	1925	Thomson, Prof. Wyville, F.R.S. ....	1874
Haldane, J. S., M.A., M.D., LL.D.,		Thomson, Sir Arthur ....	1928
F.R.S. ....	1928	Thomson, Sir William, F.R.S. ....	1883
Hall, Sir Alfred D., K.C.B., M.A.,		Tillyard, R. J., F.R.S. ....	1935
D.Sc., F.R.S. ....	1920	Wallace, Sir A. R., F.R.S. ....	1885
Haswell, Prof. W. A., F.R.S. ....	1914	Weld, Frederick A. ....	1877
Hedley, Charles ....	1924	Wilckens, Dr. Otto ....	1936
		Woods, Henry, M.A., F.R.S., F.G.S.	1920

## FELLOWS OF THE ROYAL SOCIETY OF NEW ZEALAND

## ORIGINAL FELLOWS

(See *New Zealand Gazette*, 20th November, 1919.)

- §†\* Aston, Bernard Cracroft, F.R.I.C., F.C.S.  
 §\*† Benham, Sir William Blaxland, K.B.E., M.A., D.Sc., F.R.S., F.Z.S.  
 §\* Best, Elsdon  
 §†\* Cheeseman, Thomas Frederick, F.L.S., F.Z.S.  
 §††\* Chilton, Charles, M.A., D.Sc., LL.D., M.B., C.M., F.L.S., C.M.Z.S.  
 §††\* Cockayne, Leonard, C.M.G., Ph.D., F.R.S., F.L.S.  
 §†\* Easterfield, Sir Thomas Hill, K.B.E., M.A., Ph.D., F.R.I.C., F.C.S.  
 §†\* Farr, Clinton Coleridge, D.Sc., F.P.S.L., F.R.S.  
 § Hogben, George, C.M.G., M.A., F.G.S.  
 §†\* Hudson, George Vernon, F.E.S.  
 §† Kirk, Harry Borrer, M.A.  
 §††\* Marshall, Patrick, M.A., D.Sc., F.G.S., F.R.G.S., F.E.S.  
 §†\* Petrie, Donald, M.A., Ph.D.  
 §\* Rutherford of Nelson, Lord, O.M., D.Sc., Ph.D., LL.D., F.R.S.  
 §† Segar, Hugh William, M.A.  
 §\* Smith, Stephenson Percy, F.R.G.S.  
 §†\* Speight, Robert, M.A., M.Sc., F.G.S.  
 § Thomas, Sir Algernon Phillips Withiel, K.C.M.G., M.A., F.L.S.  
 §†\* Thomson, Hon. George Malcolm, F.L.S., M.L.C.  
 §†† Thomson, James Allan, M.A., D.Sc., A.O.S.M., F.G.S.

## FELLOWS ELECTED

	Date
Adams, William Edgar, M.Sc., B.Med.Sc., M.B., Ch.B. (N.Z.), Ph.D. (Leeds)	1959
§††* Allan, Harry Howard, M.A., D.Sc., F.L.S. ....	1928
Allan, Robin Sutcliffe, M.Sc. (N.Z.), Ph.D. ....	1940
* Andersen, Johannes Carl, M.B.E. ....	1923
† Archey, Gilbert, O.B.E., M.A., D.Sc., F.Z.S. ....	1932
Askew, Henry Oscar, M.A., Ph.D., D.I.C., F.R.I.C., F.N.Z.I.C., F.C.S.	1939
Barnett, Miles Aylmer Fulton, O.B.E., M.Sc. (N.Z.), Ph.D. (Cantab.)	1947
§*† Bartrum, John Arthur, M.Sc. ....	1928
Bastings, Lyndon, D.Sc. (N.Z.), M.Sc. (Cantab.), F.Inst.P., F.R.S.N.Z.	1953
* Beaglehole, Ernest, M.A. (N.Z.), Ph.D., D.Litt. (Lond.)	1947
Bell, Muriel E., M.D., Ch.B., F.R.S.M., F.N.Z.I.C. ....	1952
§††* Benson, William Noel, B.A., D.Sc., F.R.S., F.G.S., F.R.G.S.	1926
† Briggs, Lindsay Heathcote, D.Sc. (N.Z.), D.Phil. (Oxon), F.N.Z.I.C., F.C.S.	1942
§ Brown, J. Macmillan, M.A., LL.D. ....	1925
§* Buck, Peter H. (Te Rangi Hiroa), M.D., Ch.B. (N.Z.)	1925
§ Chalklin, Francis C., D.Sc., Ph.D. (Lond.)	1951
Chamberlain, Edwin Edinborough, M.Sc., D.Sc.	1959
† Cotton, Sir Charles Andrew, D.Sc., Hon. LL.D., A.O.S.M., F.G.S.	1921
*† Cunningham, Gordon Herriot, C.B.E., D.Sc., Ph.D., F.R.S.	1929
Curtis, Kathleen M., M.A., D.I.C., D.Sc., F.L.S.	1936
§ Denham, Henry George, M.A., D.Sc., Ph.D.	1933
§ Donovan, William, M.Sc., F.R.I.C.	1938
†* Duff, Roger Shepherd, M.A., D.Sc.	1952
Eccles, John C., M.B., B.S. (Melb.), M.A., D.Phil. (Oxon), F.R.S., F.R.A.C.P.	1950
Edson, Norman Lowther, M.B., Ch.B. (N.Z.), Ph.D. (Cantab.)	1948
§†* Evans, William Percival, C.B.E., M.A., Ph.D., Hon. F.N.Z.I.C.	1930

\* Hector Medallist. † Hutton Medallist. ‡ Past President. § Deceased.

†	Falla, Robert Alexander, M.A., D.Sc.	1941
	Fell, Howard Barraclough, M.Sc. (N.Z.), Ph.D., D.Sc. (Edin.)	1960
§*	Finlay, Harold John, D.Sc.	1939
†	Fleming, Charles Alexander, B.A., M.Sc., D.Sc.	1952
*	Forder, Henry George, M.A. (Cantab.)	1947
	Frankel, Otto H., D.Sc. (N.Z.), D.Agr. (Berlin)	1948
	Grange, Leslie Issott, D.Sc., A.O.S.M.	1942
§*	Henderson, John, M.A., D.Sc., B.Sc. (in Engineering)	1929
§	Hilgendorf, Frederick William, M.A., D.Sc.	1921
††*	Holloway, John Ernest, L.Th., D.Sc., F.R.S.	1921
	Holloway, John Thorpe, M.Sc.	1959
	Hutton, Colin Osborne, M.Sc. (N.Z.), Ph.D. (Cantab.), F.G.S.	1945
§	Kidson, Edward, O.B.E., M.A., D.Sc.	1931
§	Laing, Robert Malcolm, M.A., B.Sc.	1922
	Laws, Charles R., D.Sc.	1950
§	Maclaurin, James Scott, D.Sc., F.C.S.	1926
*	Macleod, Donald Bannerman, M.A., D.Sc.	1935
	Marples, Brian John, M.A. (Oxon.), M.Sc. (Manc.)	1953
†*	Marsden, Sir Ernest, C.M.G., C.B.E., M.C., D.Sc., F.R.S.	1922
†*	Marwick, John, M.A., D.Sc.	1935
††	Miller, David, M.Sc., Ph.D., C.M.Z.S.	1931
	Moore, Lucy Beatrice, M.Sc. (N.Z.)	1947
§	Morgan, Percy Gates, M.A., F.G.S., A.O.S.M.	1922
§††*	Oliver, Walter Reginald Brook, D.Sc.	1927
	Ongley, Montague, M.A., B.Sc. (N.Z.)	1948
§	Page, Robert Owen, D.Sc. (N.Z.), A.R.I.C., F.N.Z.I.C.	1949
§	Park, James, Hon.M.Inst.M.M.Lond., F.G.S.	1921
§	Percival, Edward, B.Sc. (Leeds)	1952
§	Philpot, Alfred, F.E.S.	1930
*	Powell, Arthur William Baden	1940
†	Richardson, Lawrence Robert, M.Sc., Ph.D. (McGill)	1959
*	Richdale, Launcelot Eric, M.A., D.Sc.	1955
	Rigg, Sir Theodore, M.A., M.Sc., F.R.I.C.	1932
*	Robertson, Philip W., M.A., M.Sc. (N.Z.), M.A. (Oxon.), Ph.D. (Leipzig), F.N.Z.I.C.	1950
§	Sainsbury, G. O. K., F.L.S.	1956
	Salmon, John Tenison, D.Sc. (N.Z.), A.R.P.S., F.R.E.S.	1949
	Seelye, Frederick Thomas, A.O.S.M.	1944
*	Shorland, Francis B., M.Sc. (N.Z.), Ph.D., D.Sc. (Liverpool), F.N.Z.I.C.	1951
§	Simpson, George	1949
*	Skinner, Henry Devenish, C.B.E., M.A., D.Sc.	1927
*	Smith, Lucy May (née Cranwell), M.A., F.L.S.	1944
§	Smith, William Herbert Guthrie	1924
§*	Sommerville, Duncan McLaren Young, M.A., D.Sc., F.R.S.E., F.R.A.S.	1922
	Soper, Frederick George, C.B.E., Ph.D., D.Sc. (Wales), F.R.I.C., F.N.Z.I.C.	1949
§	Stead, Edgar F.	1948
	Taylor, Norman Hargrave	1956
§	Tillyard, Robin John, M.A., D.Sc., F.R.S., F.L.S., F.E.S.	1924
*	Turner, Francis John, D.Sc., F.G.S.	1938
*	Wellman, Harold William, M.Sc.	1954
	Whitehead, Hugh R., D.Sc. (Leeds), A.R.I.C.	1950
†*§	Williams, Herbert William, Rt. Rev. Bishop, M.A., Litt.D.	1923

\* Hector Medallist. † Hutton Medallist. ‡ Past President. § Deceased.

INSTITUTION TO WHICH PUBLICATIONS OF THE ROYAL SOCIETY  
OF NEW ZEALAND ARE SENT

**AFRICA**

Durban Museum, Natal.  
 South African Public Library, Capetown.  
 Geological Society of South Africa, Johannesburg.  
 Geological Survey Union of South Africa, Pretoria.  
 Gordon Memorial College, Khartoum.  
 Memoria de Museu Dr. Alvaro de Castro, Portuguese East Africa.  
 Natal Museum, Pietermaritzburg.  
 National Museum, Blomfontein.  
 Rhodesia Museum, Bulawayo.  
 Royal Society of South Africa, Capetown.  
 Societe des Sciences Natureles du Maroc, Rabat.  
 South African Association for the Advancement of Science, Johannesburg.  
 South African Museum, Capetown.  
 Transvaal Museum, Pretoria.  
 University College, Nigeria.

**AUSTRALIA.**

**Canberra.**

Bureau of Mineral Resources, Geology and Geophysics.  
 Division of Plant Industry, C.S.I.R.O.  
 Parliament of the Commonwealth.

**New South Wales.**

Agricultural Department, Sydney.  
 Australian Museum Library, Sydney.  
 Australian and N.Z. Association for the Advancement of Science, Sydney.  
 Botanic Gardens, Sydney.  
 Department of Mines, Sydney.  
 Engineering Institute of New South Wales, Newcastle.  
 Fisheries Section C.S.I.R.O., Cronulla.  
 Institution of Engineers, Sydney.  
 Linnean Society of New South Wales, Sydney.  
 Public Library, Sydney.  
 Royal Society of New South Wales, Sydney.  
 Royal Zoological Society of New South Wales, Sydney.  
 University Library, Sydney.

**Queensland.**

Geological Survey, Brisbane.  
 North Queensland Naturalists' Club, Cairns.  
 Queensland Museum, Brisbane.  
 Royal Society of Queensland, Brisbane.  
 University of Queensland, Brisbane.

**South Australia.**

Royal Society of South Australia, Adelaide.  
 South Australian Museum, Adelaide.  
 University Library, Adelaide.  
 Waite Agricultural Research Institute, Adelaide.

**Tasmania.**

Mines Department, Hobart.  
 Public Library of Tasmania, Hobart.  
 Queen Victoria Museum, Launceston.  
 Royal Society of Tasmania, Hobart.

**Victoria.**

Australian Institute of Mining Engineers, Melbourne.  
 Council for Scientific and Industrial Research Organisation, East Melbourne.  
 Geological Survey of Victoria, Melbourne.  
 Legislative Library, Melbourne.  
 National Herbarium of Victoria, South Yarra.  
 National Museum, Melbourne.  
 Public Library, Melbourne.

- Royal Society of Victoria, Melbourne.  
 University Library, Melbourne.  
 Victorian Naturalists' Club, Melbourne.
- Western Australia.**  
 Geological Survey Office, Perth.  
 Royal Society of Western Australia, Perth.  
 University of Western Australia, Nedlands.
- AUSTRIA.**  
 Akademie der Wissenschaften in Wien, Vienna.  
 Naturhistorisches Hofmuseum, Vienna.
- BELGIUM.**  
 Academie Royale des Sciences des Lettres et des Beaux-Arts de Belgique, Brussels.  
 Institut Royal Colonial Belge, Brussels.  
 Musee Royal d'Histoire Naturelle de Belgique, Brussels.  
 Societe Geologique de Belgique, Universite, Liege.  
 Societe Royal de Botanique de Belgique, Brussels.  
 Societe Scientifiques de Vauxelles, Louvain.
- BORNEO.**  
 Sarawak Museum, Kuching.
- CEYLON.**  
 Colombo Museum.
- CHINA.**  
 Biological Laboratory, Science Society of China, Chungking.  
 Institute of Botany, Academia Sinica, Shanghai.  
 Lingnan Science Journal, Lingnan University, Canton.  
 National Library of Peking.  
 National Research Institute of Biology, Accademia Sinica, Nanking.
- CZECHOSLOVAKIA.**  
 Ceskoslovanska Zoologicke, Prague.  
 Faculty of Science, Carolin University, Prague.  
 Entomological Department National Museum, Prague.  
 l'Universite Palacky, Oloumoue.  
 Ustredni Ustav Geologicky, Prague.
- DENMARK.**  
 Dansk Geologisk Forening, Copenhagen.  
 Danmarks Geologiske Undersoegelse, Copenhagen.  
 Dansk Naturhistorisk Forening, Copenhagen.  
 Det Kongelige Danske Videnskabernes Selskab, Copenhagen.
- FINLAND.**  
 Abo Akademi, Abo.  
 Finska Vetenskaps Societeten, Helsingfors.  
 Geologiska Kommissionen i Finland, Helsingfors.  
 Societas Zoologica Botanica Fennica, Helsingfors.  
 Societe de Geographie de Finland, Helsingfors.
- FIJI.**  
 The Fiji Society, Suva.
- FRANCE.**  
 Fédération des Sociétés de Sciences Naturelles, Paris.  
 Musée d'Histoire Naturelle, Paris.  
 Société de Chimie Industrielle, Paris.  
 Société des Océanistes, Musée de l'Homme, Paris.  
 Société Linnéenne de Bordeaux, Bordeaux.  
 Société des Sciences Physiques et Naturelles, Bordeaux.  
 Société Linnéenne de Normandie, Caen.  
 Société Zoologique de France, Paris.  
 Université de Besançon, Doubs.  
 Université de Grenoble, Grenoble.
- GERMANY.**  
 Bayerische Akademie der Wissenschaften, München.  
 Bremer Wissenschaftliche Gesellschaft, Bremen.  
 Deutsche Akademie der Wissenschaften, Berlin.  
 Deutsches Entomologisches Institut, Berlin.

Deutsches Kolonial und Uebersee Museum, Bremen.  
 Deutsches Museum für Landerkunde in Leipzig, Leipzig.  
 Gesellschaft der Wissenschaften, Göttingen.  
 Kaiserlich Leopoldinischen Deutschen Akademie der Naturforscher zu Halle.  
 Naturforschende Gesellschaft, Freiburg.  
 Naturhistorische Gesellschaft, Hannover.  
 Naturhistorischer Verein, Bonn.  
 Naturhistorisches Museum, Hamburg.  
 Naturhistorische-Medizinischer Verein, Heidelberg.  
 Naturwissenschaftlicher Verein, Bremen.  
 Naturwissenschaftlicher Verein, Karlsruhe 1 B.  
 Preussische Geologische Landesanstalt, Berlin.  
 Sächsische Akademie der Wissenschaften, Leipzig.  
 Senckenbergische Naturforschende Gesellschaft, Frankfurt-am-Main.  
 Thüringische Botanische Gesellschaft, Jena.

#### GREAT BRITAIN.

##### England.

Bodleian Library, Oxford University, Oxford.  
 British Association for the Advancement of Science, London.  
 British Glaciological Society, Kent.  
 British Museum Library, London.  
 British Museum of Natural History, South Kensington.  
 Cambridge Philosophical Society, Cambridge.  
 Clifton College, Bristol.  
 Commonwealth Institute of Entomology, London.  
 Department of Scientific and Industrial Research, London.  
 Dominions Office, London.  
 Geological Society, London.  
 Geological Survey of the United Kingdom, London.  
 Geologists' Association, London.  
 High Commissioner for New Zealand, London.  
 Imperial Institute, London.  
 Institution of Civil Engineers, London.  
 Leeds Geological Association.  
 Linnean Society, London.  
 Literary and Philosophical Society, University of Leeds.  
 Literary and Philosophical Society, Manchester.  
 Liverpool Literary and Philosophical Society, Liverpool.  
 Liverpool University, Liverpool.  
 Marine Biological Association of the United Kingdom, Plymouth.  
 "Nature," Editor of, London.  
 Norfolk and Norwich Naturalist Society, Norwich.  
 North of England Institute of Mining and Mechanical Engineers, Newcastle-upon-Tyne.  
 Patent Office Library, London.  
 Royal Anthropological Institute of Great Britain and Ireland, London.  
 Royal Empire Society, London.  
 Royal Gardens, Kew.  
 Royal Society, London.  
 Royal Statistical Society, London.  
 Sedwick Museum, Cambridge.  
 Subject Index to Periodicals, Library Association, London.  
 University Library, Cambridge.  
 University of Durham, Newcastle-upon-Tyne.  
 Victoria Institute Philosophical Society of Great Britain, Croydon, Surrey.  
 Victoria Institute, Manchester.  
 Zoological Society, London.

##### Northern Ireland.

Belfast Naturalists' Field Club, Belfast.

##### Scotland.

Geological Society, Glasgow.  
 Natural History Society, Glasgow.  
 Philosophical Society of Glasgow.  
 Rowett Research Institute, Aberdeen.  
 Royal Botanic Garden, Edinburgh.  
 Royal Physical Society, Edinburgh.

Royal Scottish Geographical Society, Edinburgh.  
Royal Society, Edinburgh.  
University Library, Edinburgh.

HOLLAND.

Geological Institute, Univ. of Amsterdam.  
Hollandsche Maatschappij der Wetenschappen, Haarlem.  
Instituut Voornde Tropen, Amsterdam.  
Koninklijke Akademie van Wetenschappen, Amsterdam.  
Musee Teyler, Haarlem.  
Nederlandsche Entomologische Vereeniging, Amsterdam.  
Rijks Geologisch-Mineralogisch Museum, Leiden.

HUNGARY.

Budapest University, Budapest.  
Magyar Tudományos Akademia, Budapest.  
Zoological Department, National Museum, Budapest.

INDIA.

Academy of Sciences, Allahabad.  
Anthropological Society, Bombay.  
Asiatic Society of Bengal, Calcutta.  
Geological Survey of India, Calcutta.  
Imperial Department of Agriculture, Pusa.  
Indian Agricultural Institute, New Delhi.  
National Institute of Sciences of India, New Delhi.

INDONESIA.

Kon. Batavia Genootschap van Wetenschappen, Batavia.  
Society of Natural Science, Java.

IRELAND.

Geological Survey Office, Dublin.  
Royal Irish Academy, Dublin.  
Royal Society, Dublin.

ISRAEL.

Jewish National and University Library, Jerusalem.

ITALY.

Instituto di Entomologia della R. Università, Bologna.  
Istituto di Zoologia della R. Università di Genova, Genoa.  
International Institute of Agriculture, Rome.  
Laboratoire di Zoologia ed Agraria, Portici.  
Musei Civico di Storia Naturale, Genova.  
Museo di Zoologia della R. Università, Institute e Museo, Torino.  
R. Accademia dei Lincei, Rome.  
R. Accademia di Scienze, Lettere, ed Arti, Modena.  
R. Ufficio Geologico, Rome.  
Società Botanica Italiana, Firenze.  
Società Geografica Italiana, Rome.  
Società Toscana de Scienze Naturali, Pisa.  
Stazione Zoologica de Napoli.

JAPAN.

Higher Education and Science Bureau, Ministry of Education, Tokio.  
National Research Council of Japan, Tokio.  
Institute of Insect Control, Kyoto University, Kosobe.  
Institute of Polytechnics, Osaka City University, Osaka.  
Ohara Institute for Agricultural Biology, Okayama-Ken.  
Takeuchi Entomological Laboratory, Kyoto.  
Science Council of Japan.  
Tohoku University, Sendai.

LUXEMBOURG.

Institut G. D. Luxembourg, Section des Sciences Naturelles, Luxembourg.

MALAY STATES.

Raffles Museum, Singapore.

## NEW ZEALAND.

Agricultural College, Lincoln.  
 Alexander Turnbull Library, Wellington.  
 American Legation, Wellington.  
 Auckland Institute, Auckland.  
 Auckland Museum, Auckland.  
 Biological Laboratory, Auckland University, Auckland.  
 Biological Laboratory, Canterbury University, Christchurch.  
 Biological Laboratory, University of Otago, Dunedin.  
 Biological Laboratory, Victoria University, Wellington.  
 Canterbury Branch R.S.N.Z., Christchurch.  
 Canterbury Museum, Christchurch.  
 Canterbury University College, Christchurch  
 Cawthron Institute, Nelson.  
 Department of Agriculture, Wellington.  
 Department of Scientific and Industrial Research, Wellington.  
 Dominion Museum, Wellington.  
 Dunedin Athenaeum, Dunedin.  
 Executive Library, Parliament Buildings, Wellington.  
 Forestry Department, Wellington.  
 General Assembly Library, Wellington.  
 Hawke's Bay Branch Royal Society of N.Z., Napier.  
 Massey Agricultural College, Palmerston North.  
 New Zealand Geographical Society, Auckland University, Auckland.  
 New Zealand Geological Survey, Wellington.  
 New Zealand Institute of Foresters, Whakarewarewa, Rotorua.  
 New Zealand Institute of Surveyors, Wellington.  
 New Zealand Oceanographic Institute, Wellington.  
 Nelson College, Nelson.  
 Nelson Institute, Nelson.  
 Otago Branch R.S.N.Z., Dunedin.  
 Otago Museum, Dunedin.  
 Otago School of Mines, Dunedin.  
 Polynesian Society, Wellington.  
 Portobello Fish Hatchery, Dunedin.  
 Public Library, Auckland.  
 Public Library, Christchurch.  
 Public Library, Dunedin.  
 Public Library, Invercargill.  
 Reefton School of Mines, Reefton.  
 Southland Branch, Royal Society N.Z., Invercargill.  
 Southland Museum, Invercargill.  
 Auckland University, Auckland.  
 University of Otago, Dunedin.  
 Victoria University of Wellington.  
 Wanganui Museum, Wanganui.  
 Wanganui Public Library, Wanganui.  
 Wellington Branch R.S.N.Z., Dominion Museum, Wellington.  
 Zoology Department, Victoria University, Wellington.

## NORTH AMERICA.

**Canada.**

Advisory Research Council, Ottawa.  
 Department of Agriculture, Ottawa.  
 French Canadian Assoc. for the Advancement of Science, Montreal.  
 Geological and Natural History Survey of Canada, Ottawa.  
 Hamilton Scientific Association, Hamilton.  
 Nova Scotian Research Foundation, Halifax, Nova Scotia.  
 New Brunswick Museum, St. John's, N.B.  
 Royal Canadian Institute, Toronto.  
 Royal Society of Canada, Ottawa.  
 University of Montreal, Quebec.

**United States.**

Academy of Natural Sciences, Iowa.  
 Academy of Natural Sciences, Philadelphia.  
 Academy of Natural Sciences, San Francisco.

Acquisitions Division, Albert R. Mann Library, Ithaca.  
Alan Hancock Foundation, Los Angeles.  
American Academy of Arts and Sciences, Kansas City.  
American Geographical Society, New York.  
American Journal of Science (Editors), Connecticut.  
American Midland Naturalist, Indiana.  
American Museum of Natural History, New York.  
American Philosophical Society, Philadelphia.  
Arnold Arboretum, Harvard University, Jamaica Plains.  
Astronomical Society of the Pacific, San Francisco.  
Bingham Oceanographic Laboratory, Connecticut.  
Brooklyn Botanical Gardens, New York.  
Buffalo Museum of Science, New York.  
California State Fisheries Laboratory.  
Chemical Abstracts, Ohio.  
Chicago Natural History Museum, Illinois.  
Cincinnati Society of Natural History, Ohio.  
College of Agriculture, Davis.  
Connecticut Academy, New Haven.  
Department of Agriculture, Washington.  
Eaton Memorial Library, Tufts College, Massachusetts.  
Franklin Institute, Philadelphia.  
Iowa State College of Agriculture and Mechanical Arts, Ames, Iowa.  
Johns Hopkins University, Baltimore.  
Forsyth Library, Kansas State College, Kansas.  
Leland Stanford Junior University, California.  
Lloyd Library, 309 West Court Street, Cincinnati, Ohio.  
Geological Library, Louisiana State University, Baton Rouge 3, Louisiana.  
Louisiana State University, Baton Rouge 3.  
Marine Biological Laboratory, Wood's Hole, Mass.  
Meade Natural History, Tulane University, New Orleans.  
Experiment Station, Michigan, East Lansing.  
Division of Mines, State of California, San Francisco.  
Missouri Botanical Gardens, St. Louis, Mo.  
Museum of Comparative Zoology, Cambridge, Mass.  
National Academy of Sciences, B, and 21st Streets, Washington D.C.  
New York Academy of Sciences, New York 21, N.Y.  
New York Botanical Gardens, Bronx Park, New York City.  
New York State Library, Albany, New York.  
Main Library, Ohio State University, Ohio.  
Oklahoma Academy of Sciences, University of Oklahoma, Norman, Oklahoma.  
Oklahoma Geological Survey, Norman.  
Palaeontological Research Institution, Ithaca, New York.  
Pennsylvania State College.  
Princeton University, New Jersey.  
Rancho Santa Ana Botanic Garden, 1500N College Avenue, Claremont, California.  
Rochester Academy of Sciences, New York.  
Smithsonian Institution, Washington 25 D.C.  
U.S. Atomic Energy Commission, National Laboratory, Oak Ridge, P.O. Box P, Tennessee.  
United States Geological Survey, Washington.  
General Library, University of California, Berkeley 4.  
Library, University of California, 405 Hilgard Avenue, Los Angeles.  
University of Chicago, Chicago, Illinois.  
University of Florida Library, Gainesville, Florida.  
University of Illinois, Urbana, Illinois.  
University of Kansas, Lawrence.  
University of Miami Marine Laboratory, Florida.  
University of Michigan, Ann Arbor.  
University of Minnesota, Minneapolis.  
University of Missouri, Columbia.  
University of Montana, Missoula, Montana.  
State University of New Mexico, Albuquerque.  
University of North Carolina, Chapel Hill.  
University of Oklahoma, Norman.  
University of Oregon, Eugene.  
University of Washington, Oceanographic Laboratories, Seattle.

University of Washington, Seattle.  
 Virginia Geological Survey, Charlottesville.  
 Wagner Free Institute of Science of Philadelphia.  
 Wisconsin Academy of Sciences, Arts, and Letters, Madison.

**Hawaii.**

Bernice Pauahi Bishop Museum, Honolulu 35, Territory of Hawaii.  
 Hawaiian Historical Society, Honolulu.  
 University of Hawaii, P.O. Box 18, Honolulu 10.  
 Hawaiian Volcano Observatory, National Park P.O., Hawaii.

**NORWAY.**

Botaniska Museum, Universitet, Oslo.  
 Directorate of Fisheries, Postboks 226, Bergen.  
 Tromso Museum, Tromso.  
 University of Bergen, Bergen.  
 University of Oslo, Oslo.

**PHILIPPINE ISLANDS.**

Scientific Library Division, Institute of Science and Technology, Manila.  
 National Research Council, Science Building, Herran Street, Manila.

**POLAND.**

Polish Academy, 17 Slawkowska, Cracow.  
 Polish Museum of Zoology, Wilcza 64, Warsaw.  
 Poznan Society of Friends of Science, Poznan.  
 University Maria Curie-Sklodowska, Plac Litewski 5, Lublin.

**PORTUGAL.**

Estação Agronomia Nacional, Quinta Da Aldeia, Sacavem.  
 Estudos da Estacao de Melhoramento de Plantas, Elvas.  
 Instituto Botanico da Faculdade de Ciencias de Lisboa, Lisbon.  
 Instituto Botanico Universidad de Coimbra, Coimbra.

**SPAIN.**

Instituto de Biologia Aplicada, Universidad de Barcelona, Barcelona.  
 Instituto Botanico "Antonio Jose Cavanilles," Madrid.  
 Junta de Ciencias Naturales, Apartado 593, Barcelona.  
 Real Academia de Ciencias exactes fisicas Y naturales, Madrid.

**SWEDEN.**

Botaniska Tradgarden, Goteborg.  
 Entomologiska Department, Museum of Natural History, Stockholm 50.  
 Geological Survey of Sweden, Stockholm.  
 Goteborgs Etnografiska Museum, N. Hamnagatan 12, Gothenburg.  
 Matematisk-Naturvetenskapliga, Stockholms Hogskala.  
 Natural History Museum, Goteborg 11.  
 Royal Academy of Sciences, Stockholm.  
 Royal Society of Arts and Sciences, Box 5096, Goteborg 5.  
 Svenska Naturskydds Foreningen, Stockholm.  
 Svenska Sallskapet for Antropologi och Geografi, Stockholms Hogskala, Drottninggaten 116, Stockholm.  
 Svenska Valloch Mosskultur Foreningen, Ultana, Uppsala.  
 Universitetsbiblioteket, Uppsala.  
 University Library, Lund.

**SWITZERLAND.**

Conservatoire et Jardin Botanique, Institut de Botanique systématique de l'Université, Geneva.  
 Société de Physique et d'Histoire Naturelle de Genève.  
 Naturforschende Gesellschaft, Basel.  
 Naturforschende Gesellschaft, Bern.  
 Zentralbibliothek Zurich Tausch-Stelle der Naturforschende Gesellschaft, Zurich.

**U.S.S.R.**

Academy of Sciences, Leningrad.  
 Botanic Gardens, University of Moscow, Moscow.  
 Institute of Marine Fisheries and Oceanography, V. Krasnosyelskaya 17, Moscow 40.  
 Kiev Society of Naturalists, Academy of Sciences of the Ukrainian S.S.R., Korolenko St., Kiev.  
 Komarov Botanical Institute, Academy of Sciences, Leningrad.

Russian Entomological Society, Zoological Museum of the Academy of Sciences, Leningrad.  
Scientific Library of Moscow State University, c/o Int. Book Exchange, Moscow 56.  
Société des Naturalistes de Moscow, Mohavia 9, Moscow.  
State University, Voronezh c/o U.S.S.R. Society of Cultural Relations with Foreign  
Countries, Malaya Nitiskaya, Moscow 69.  
University of Central Asia, Tashkent Malaya Nitiskaya, Moscow 69.

**WEST INDIES-**

Institute of Jamaica, Kingston.  
Universidad de Santo Domingo, Ciudad Trujillo Republica Dominicans.

**SOUTH AMERICA.**

**Argentine Republic.**

Academia Nacional de Ciencias, Córdoba.  
Argentine Society of Geographical Studies, Buenos Aires.  
Direction General de Minas, Geologia e Hidrologia, Buenos Aires.  
Facultad de Ciencias Exactes, Fisicas y Naturales, University of Buenos Aires.  
La Plata Museum, Buenos Aires.  
Museo Argentino de Ciencias Naturales " Bernardino Rivadavia," Avenida Angel Gallardo  
470, Buenos Aires.  
Sociedad Científica Argentina, Calla Santa Fe 1145, Buenos Aires.

**Brazil.**

Escola de Minas, Rio de Janeiro.  
Department of Zoology, Faculty of Philosophy, Universidade de Sao Paulo, Caixa Postal  
2926, Sao Paulo.  
Departamento De Zoologia, Secretaria do Agricultura, Caixa Postal 7472, Sao Paulo.  
Faculdade Nacional de Filosofia, Avenida Presidente Antonio Carlos 40, Rio de Janeiro.  
Instituto Oswaldo Cruz, Rio de Janeiro.  
Ministerio da Agricultura, Rio de Janeiro.  
Museu Nacional, Rio de Janeiro.

**Mexico.**

Instituto Geologico, Mexico.

**Venezuela.**

Universidad Central de Venezuela, Caracas.

**Uruguay.**

Museo de Historia Natural, Casilla de Corero, 399, Montevideo.

SERIAL PUBLICATIONS RECEIVED BY THE LIBRARY OF THE  
ROYAL SOCIETY OF NEW ZEALAND

AFRICA

- Durban Museum, Natal: *Annals, Novitates, Report.*  
 Geological Society of South Africa: *Transactions, Proceedings.*  
 Gold Coast Geological Survey: *Report.*  
 Geological Survey of Tanganyika: *Records Bulletin, Reports.*  
 Natal Museum, Pietermaritzburg: *Annals.*  
 National Museum, Bloemfontein: *Navorsings, Research Reports.*  
 Nigerian Field Society, Nigeria: *Nigeria Field.*  
 Royal Society of South Africa: *Transactions.*  
 Société de Sciences du Maroc: *Travaux de Inst. cher Zool., Botanic, Geol., Geog., General.*  
*Bulletin, Compte Rendu var Scienca, Memoires.*  
 South African Museum: *Annals, Report.*  
 South African Association for the Advancement of Science: *Journal of Science.*  
 Transvaal Museum: *Annals, Reports, Bulletins.*  
 Union of South Africa, Mines Department: *Memoirs, Bulletins.*

AUSTRALIA

- Australasian Antarctic Expedition: *Reports.*  
 Australasian Institute of Mining and Metallurgy: *Proceedings.*  
 Australian and New Zealand Association for the Advancement of Science: *Reports.*  
 Australian National Antarctic Expedition: *Reports.*  
 Australian National Research Council: *Science Abstracts.*  
 Commonwealth of Australia: Bureau of Mineral Resources: *Bulletins, Reports, Pamphlets.*  
 Commonwealth National Library: *Annual Catalogue of Australian Publications.*  
 Commonwealth Organization Scientific and Industrial Research: *Journal, Circular, Reports,*  
*Pamphlets, Bulletins, Oceanographic Lists, etc.*  
 Department of the Interior: *Palaeontological Bulletin.*  
 Institution of Engineers: *Journal, Transactions, Selected Papers.*
- New South Wales.**  
 Australian Museum: *Records, Annual Reports, Memoirs.*  
*Critical Revision of the Genus Eucalyptus.*  
 Department of Agriculture: *Agricultural Gazette, Reports, Science Bulletin, Contributions*  
*National Herbarium.*  
 Department of Fisheries: *Annual Report.*  
 Department of Mines and Geological Survey: *Annual Report.*  
 Linnean Society: *Proceedings.*  
 Parliamentary Publications: *Legislative Digest.*  
 Public Health Publications: *Report.*  
 Royal Society of New South Wales: *Journal and Proceedings, Monographs.*  
 Royal Zoological Society: *Australian Zoologist, Proceedings.*  
 Sydney University: *Reprints, Monographs.*

**Queensland.**

- Geological Survey of Queensland: *Publication.*  
 Queensland Government: *Mining Journal.*  
 Queensland Museum: *Memoirs.*  
*Queensland Naturalist, Brisbane.*  
*North Queensland Naturalist, Cairns.*  
 Queensland Geographical Society of Australia: *Journal, Report Great Barrier Reef Committee.*  
 Royal Society of Queensland: *Proceedings.*  
 University of Queensland: *Papers.*

**South Australia.**

- Adelaide Chamber of Commerce: *Annual Report.*  
 Mines Department: *Bulletin, Annual Report, Review of Mining Operations.*  
 Public Library, Museum, and Art Gallery: *Annual Report, Records.*  
 Royal Society of South Australia: *Transactions, Memoirs.*  
 University of Adelaide: *Publications, Journal Experimental Biology and Medical Science,*  
*Collected Papers.*  
 Waite Agricultural Research Institute, University of Adelaide: *Report.*

**Tasmania.**

- Department of Mines: *Bulletin, Annual Report.*  
 Queen Victoria Museum, Launceston: *Records, Annual Reports.*  
 Royal Society of Tasmania: *Papers and Proceedings.*

**Victoria.**

Australian Council for Aeronautics: *Research Reports*.  
 Field Naturalists' Club: *Victorian Naturalist*.  
 Mines Department and Geological Survey: *Annual Report, Bulletin, Records, Journal, Memoirs*.  
 National Herbarium of Victoria: *Muelieria*.  
 National Museum: *Memoirs, Annual Reports, Year Book, Handbook*.  
 Public Library Museum, and Art Gallery: *Annual Report*.  
 Royal Society of Victoria: *Proceedings*.  
 University of Melbourne: *Collected Papers*.

**Western Australia.**

Department of Mines: *Bulletin*.  
 Geological Survey: *Annual Report, Bulletins*.  
 Royal Society of Western Australia: *Journal and Proceedings*.

**AUSTRIA**

Akademie der Wissenschaften in Wien: *Sitzungsberichte, Monatshefte for chemie*.  
 Geologische Bundesanstalt: *Abhandlungen, Jahrbuch*.  
 Geologische Reichsanstalt: *Verhandlungen, Jahrbuch*.  
 Naturhistorische Museums: *Annalen*.  
 Zoologisch-Botanisch Gesellschaft, Wien: *Verhandlungen*.

**BELGIUM**

Académie Royale de Belgique: *Bulletin de la Classe des Sciences, Annuaire*.  
 Institut Royal Colonial Belge: *Bulletin*.  
 Musée Royal D'Histoire Naturelle de Belgique: *Memoires, Annales, Resultats Scientifiques du Voyages aux Indes Orientales Néerlandaises*.  
 Société Géologique de Belgique, Liège: *Annales, Bulletin, Memoirs*.  
 Société Royale de Botanique de Belgique: *Bulletin*.  
 Société Royale Zoologique de Belgique: *Annales*.  
 Société Scientifique de Brussels: *Annales*.

**CEYLON**

*Ceylon Journal of Science*.  
 Colombo Museum: *Spolia Zeylanica, Reports*.

**CHINA**

Academia Sinica: *Botanic Bulletin*.  
 Fan Memorial Institute of Biology: *Bulletin, Report*.  
 Lingnan University: *Chinese Jour. Experimental Biology, Lingnan Science Journal*.  
 National Research Institute of Biology: *Sinensia*.  
 Shanghai Science Institute: *Bulletin, Journal*.  
 Science Society of China, Shanghai: *Transactions, Contributions (Zoology), (Botany)*.

**CZECHOSLOVAKIA**

Carolina University, Prague: *Acta, Studies*.  
 Deutschen Naturwissenschaftlich-medizinischer Verein für Bohem, Prague: *Lotos*.  
 Geological Survey of Czechoslovakia: *Sbornik, Anthropolozikum*.  
 National Museum (Entomological), Prague: *Sbornik*.  
 Societe Zoologique Tchecoslovaque de Prague: *Memoirs, Acta, Vestnik*.  
 Societe Royale des Sciences de Boheme, Prague: *Memoirs, Compte-Rendu*.  
 Universitatis Palackianae Olomucensis: *Acta*.

**DENMARK**

Académie Royale des Sciences et des Lettres de Danemark: *Skrifter, Meddelelser*.  
 Danmarks Geologiske Undersogelse, Copenhagen: *Publications*.  
 Dansk Geologisk Forening, Kobenhavn: *Meddelelser*.  
 Dansk Naturhistorisk Forening i, Kobenhavn: *Viden, Meddelelser*.  
 Zoological Museum, Copenhagen: *Danish-Ingolf Expedition*.

**EGYPT**

Ministry of Finance: *Geological Publications*.

**FINLAND**

Academia Aboensis, Abo: *Humaniora, Acta A.B.*  
 Finska Vetenskaps Societeten, Helsingfors: *Bidrag*.  
 Geologique Commissionen de Finland: *Bulletin*.

Societas pro Fauna et Flora Fennica: *Memoranda: Acta, Meddellan.*  
 Societe de Geographie de Finland: *Fennica, Acta.*  
 Societas Scientiarum Fennicae: *Acta, Öfversigt; Bidrag, Arsbok, Commentations.*  
 Soc. Zool. Bot. Fennica, Helsinki: "*Vanamo*", *Annales.*

## FIJI

The Fiji Society, Suva: *Trans. & Proc. of the Fiji Soc.*

## FRANCE

*Chimie et Industrie*, Paris.  
 Musée d'Histoire Naturelle, Paris: *Bulletin, Nouvelle Archives.*  
 Société Astronomique de France: *Bulletin.*  
 Société de Géographie: *Bulletin.*  
 Société Linnéenne de Bordeaux: *Actes.*  
 Société Linnéenne de Normandie, Caen: *Bulletin.*  
 Société des Oceanistes, Paris: *Journal.*  
 Société des Sciences Physiques et Naturelles, Bordeaux: *Memoires, Proces-Verbeaux.*  
 Société Zoologique de France: *Bulletin.*  
 Travaux de Biologie Générales, Paris: *L'Année Biologique.*  
 University of Grenoble: *Annals.*  
 Université de Besançon: *Annales Scientifiques.*

## GERMANY

Akademie der Wissenschaften, Leipzig: *Berichte, Abhandlungen.*  
 Bayerische Akademie der Wissenschaften, Munich: *Sitzungsberichte.*  
 Berlin Mathematische Gesellschaft, Göttingen: *Sitzungsberichte.*  
 Botanischer Garten und Museum, Berlin-Dahlem: *Notizblatt.*  
 Botanischer Verein der Provinz Brandenburg: *Verhandlungen.*  
 Bremer Wissenschaften Gesellschaft: *Schriften, Abhandlungen, Jahrbuch.*  
 Deutsche Akademie der Halle: *Leopoldina.*  
 Deutsche Akademie der Wissenschaften, Berlin: *Sitzungsberichte, Abhand., Annalen.*  
 Deutsches Entomolog Museum: *Mitteilungen, Arbeiten, Beiträge.*  
 Deutsches Kolonial-und-Ueberssee Museum, Bremen: *Veröffentlichungen.*  
 Gesellschaft der Wissenschaften zu Göttingen: *Nachrichten, Mitteilungen, Jahrbichte.*  
 Hamburg University: *Publications.*  
 Institut Grand-Ducal de Luxembourg: *Archives.*  
 Museum für Landestände zu Leipzig: *Veröffentlichungen.*  
 Museum für Völkerkunde, Dresden: *Abhandlungen, Berichte.*  
 Museum für Natur-Völker u. Handelskunde, Bremen: *Veröffentlichungen.*  
 Naturforschende Gesellschaft, Freiburg: *Berichte.*  
 Naturhistorisch-Medizinscher Verein, Heidelberg: *Verhandlungen.*  
 Naturhistorische Gesellschaft, Hanover: *Jahresberichte, Beihefte.*  
 Naturhistorisches Museum in Hamburg: *Mitteilungen.*  
 Naturhistorischer Verein der Preussischen Rheinlande und Westfalens, Bonn: *Verhandlungen, Sitzungsberichte, Decheniana.*  
 Naturkundliche Forschung in Sudwestdeutschland: *Beitrage.*  
 Naturwissenschaftler Verein in Hamburg: *Verhandlungen, Adhandlungen.*  
 Naturwissenschaftlicher Verein, Bremen: *Abhandlungen.*  
 Naturwissenschaftlicher Verein für Schleswig-Holstein: *Schriften.*  
 Oberrheinischer Geologischer Verein, Tübingen: *Jahrbuch und Mitteilungen.*  
 Physikalisch-Oekonomische Gesellschaft, Königsberg: *Schriften.*  
 Preussische Geologische Landesanstalt, Berlin: *Jahrbuch.*  
 Senckenbergische Naturforschende Gesellschaft, Frankfurt-am-Main: *Natur und Museum, Berichte, Senckenbergiana.*  
 Thüringische Botanische Gesellschaft, Univ. Jena: *Mitteilungen.*  
 Verein für Vaterländischen Naturkunde in Wurtenburg, Stuttgart: *Jahreshefte.*  
 Zoologisches Museum, Berlin: *Mitteilungen, Berichte.*  
 Zoologisches Staatsinstitut und Museum, Hamburg: *Mitteilungen, Entomologische Mitteilungen.*

## GREAT BRITAIN AND IRELAND

Belfast Naturalists' Field Club: *Irish Naturalists' Journal.*  
 Botanical Society of Edinburgh: *Transactions and Proceedings.*  
 British Antarctic Expedition: *Reports.*  
 British Association for the Advancement of Science: *Reports to 1931.*  
 British Astronomical Association: *Journal, Memoirs, List of Members.*  
 British Ecological Society: *Journal* (Vols. 1-7, 10-20).  
 British Glaciological Society: *Journal of Glaciology.*  
 British Museum: *Publications and Expeditions.*  
 Cambridge Philosophical Society: *Proceedings, Biological Review.*

- Cambridge University, School of Agriculture: *Memoirs*.  
 Cockle Park Agricultural Experimental Station, Northumberland: *Bulletin*.  
 Colonial Resources, London: *Geol. & Mineral Resources, Plant & Animal Research Products, Bulletin*.  
 Commonwealth Institute of Entomology: *Review of Applied Entomology*.  
 Cranmore Ethnographical Museum: *Eihnologica*.  
 Department of Scientific and Industrial Research: *Publications, Discovery Committee Reports*.  
 Dove Marine Laboratory: *Annual Report*.  
 Edinburgh Geological Society: *Transactions*.  
 Empire Marketing Board: *Report*.  
 Fauna Preservation Society: *Journal* now "Oryx".  
 Geological Department, Glasgow University: *Papers, Monographs*.  
 Geological Society of London: *Quarterly Journal of Geology*.  
 Geological Survey of Great Britain and Ireland: *Memoirs, Summary of Progress, Bulletin*.  
 Geologists' Association: *Proceedings*.  
 Geographical Society of Ireland, Dublin: *Pamphlet, Memoirs*.  
 Hull University: Dept. of Zoology and Oceanography: *Bulletin, Marine Ecology*.  
 Imperial Bureau of Genetics: *Quarterly Bulletin*.  
 International Council of Scientific Unions: *Reports*.  
 International Society of Medical Hydrology: *Archives*.  
 Leeds Philosophical and Literary Society: *Proceedings*.  
 Leeds Geological Association: *Transactions*.  
 Linnean Society: *Journal, Proceedings, List of Members*.  
 Liverpool Biological Society: *Proceedings*.  
 Manchester Literary and Philosophical Society: *Memoirs and Proceedings*.  
 Marine Biological Association: *Journal*.  
 Marine Biological Station, Port Erin: *Annual Report*.  
 Marlborough College Natural History Society: *Report*  
*Monthly Science News*.  
 National Oceanographic Council: *Annual Report, Commonwealth Oceanographic Conference*.  
 Natural History Society of Glasgow: *Glasgow Naturalist*.  
 Norfolk and Norwich Naturalists' Society: *Transactions*.  
 Rothamsted Experiment Station: *Report*.  
 Royal Anthropological Institute of Great Britain and Ireland: *Journal*.  
 Royal Botanic Gardens: *Notes*.  
 Royal Dublin Society: *Scientific and Economic Proceedings*.  
 Royal Empire Society: *United Empire*.  
 Royal Geographical Society: *Geographical Journal*.  
 Royal Irish Academy: *Proceedings, A.B.C., Minutes*.  
 Royal Philosophical Society of Glasgow: *Proceedings*.  
 Royal Physical Society of Edinburgh: *Proceedings*.  
 Royal Scottish Geographical Society: *Magazine*.  
 Royal Society of Edinburgh: *Transactions, Proceedings, Year Book*.  
 Royal Society of Literature: *Transactions*.  
 Royal Society of London: *Transactions, Proceedings, Year Book, Biographical Memoirs, Notes & Records*.  
 Royal Statistical Society: *Journal, Supplement*.  
 Scottish National Antarctic Expedition: *Scientific Results*.  
 University of Birmingham: *Calendar*.  
 University of Durham Philosophical Society: *Proceedings*.  
 University of Oxford: *Calendar*.  
 Victoria Institute: *Journal of Transactions*.  
 Victoria and Albert Museum: *Review of the Principal Acquisitions*.  
 Yorkshire Bulletin of Economic and Social Research: *Yorkshire Bulletin*.  
 Zoological Society of London: *Proceedings, Transactions, List of Fellows*.

## HOLLAND

- Geological Institute, University of Amsterdam: *Mededeeling*.  
 Kong. Akademie Van Wetenschappen, Amsterdam: *Proceedings, Verhandelingen*.  
 Leidsche Geologische, Leiden: *Mededelingen*.  
 Musée Teyler, Haarlem: *Archives*.  
 Nederlandsch Aardrijkskundig Genootschap, Amsterdam: *Tijdschrift, Geograph. Meded.*  
 Nederlandsche Entomologische Vereeniging, Amsterdam: *Tijdschrift, Berichten Verslagen*.  
 Rijks Ethnographisch Museum, Leiden: *Katalog, Verslag*.

Société Hollandaise des Sciences: *Archives Néerlandaises, Sciences Exactes, Acta, Phonetique Experimentale.*  
 Teyler's Godgeleerd Genootschap: *Verhandlingen.*

## HUNGARY

Academia Scientiarum Hungaricae: *Actas.*  
 Botanisches Institute Museum, Szeged: *Folio cryptogamica.*  
 Hungarian National Museum: *Annals.*  
 Magyar Tudományos Akademia, Budapest: *Ertesito, Berichte, Amzeiger.*  
 Universitatis Budapestinensis: *Index Horti Botanici.*

## INDIA

Academy of Sciences, Allahabad: *Bulletin, Proceedings.*  
 Anthropological Society, Bombay: *Journal.*  
 Asiatic Society of Bengal: *Journal and Proceedings, Year Book, Memoirs.*  
 Botanical Survey of India: *Records, Reports.*  
 Geological Survey of India: *Records, Memoirs, Palaeontologia Indica, Bulletins.*  
 Imperial Department of Agriculture, Pusa: *Report.*  
 Madras Fisheries Department: *Reports.*  
 National Institute of Sciences of India, Calcutta: *Proceedings.*

## INDONESIA

Bataviaasch Genootschap van Kunsten en Wetenschappen, Batavia: *Tijdschrift, Verhandelingen, Jaarboek.*  
 Indo Pacific Fisheries Council, F.A.O.: *Proceedings & Publications.*  
 Kon. Natuurkundige Vereeniging in Nederlandsche-Indie: *Naturkundig Tijdschrift, Indonesian Journal of Natural Sciences, Chronica Natur.*  
 Scientific Research in Indonesia: *Bulletin, Journal, O.S.R. News, etc.*

## INTERNATIONAL

International Astronomical Union, Zurich: *Bulletin Mitteilungen.*  
 International Council of Scientific Unions: *Reports, etc.*  
 International Union for the Protection of Nature: *Bulletin.*  
 Union Géographique Internationale: *Rapport, Bulletin Géodesique.*

## ISRAEL

The Jewish National and University Library: *Bulletin of Research Council.*

## ITALY

Accademia Scientifica Veneto-Trentino Istriana, Padova: *Atti.*  
 Comitato Nazionale Italiano: *Bollettino.*  
*Giornale Botanico Italiano.*  
 Istituto di Entomologia di Bologna: *Bollettino.*  
 Laboratorio di Zoologia generale e agraria, Portici: *Bollettino.*  
 Musei Civico Storia Naturale, Genova: *Annali, Doriana Memoire.*  
 Musei di Zoologia ed Anatomia comparata R. Università di Torino: *Bollettino.*  
 Reale Accademia dei Lincei, Roma: *Rendiconti, Atti.*  
 R. Società Geografica Italiana: *Bollettino.*  
 R. Ufficio Geologico d'Italia: *Bollettino.*  
 Società Africana d'Italia, Naples: *Bollettino.*  
 Società Botanico Italiana, Firenze: *Bollettino.*  
 Società Toscana di Scienze Naturali, Pisa: *Memoirs, Processi verbali.*  
 Zoologia e Anatomia Comparata Musci Università Genova: *Bollettino.*  
 R. Laboratoria di Entomologia Agraria de Portici: *Bollettino.*  
 Reale Accademia di Scienze Modena: *Memoirs.*

## JAPAN AND FORMOSA

Geological Survey of Japan: *Report, Miscellaneous publications.*  
 Japan Academy, Tokyo: *Proceedings.*  
 Japan Society for Promotion of Scientific Research: *Palao Tropical Biol. Station, Studies.*  
 Kyoto University: *Memoirs.*  
 National Research Council: *Report, Journals, Records of Oceanographic Works.*  
 Ohara Institute, Okayama: *Berichte, Reports.*  
 Research Institute for Natural Resources, Tokyo: *Miscellaneous Reports.*  
 Taihoku University: *Memoirs, Transactions.*  
 Takeuchi Entomological Laboratory, Kyoto: *Tenthredo Acta Entomol.*  
 Tohoku University, Sendai: *Science Report, Annual Reports.*

Tokyo Bunrika Daigaku: *Science Reports*.  
 University of Tokyo: *Journal of the Faculty of Science*.  
 Zoological Society of Japan: *Annotations Zoologicae Japonenses*.

## NEW ZEALAND

American Embassy: *U.S.A. To-day, Voice*.  
 Auckland Acclimatization Society: *Annual Report*.  
 Auckland Institute and Museum: *Records, Bulletins, Handbooks*.  
 Auckland University College: *Calendar*.  
 Canterbury Agricultural College: *Calendar, Annual Report, Tech. Bulletins*.  
 Canterbury Chamber of Commerce: *Agricultural Bulletin*.  
 Canterbury Museum: *Records, Bulletin*.  
 Canterbury University College: *Calendar*.  
 Cape Expedition Series: *Reports*.  
 Carter Observatory: *Astron. Bulletin, Reprint Series*.  
 Cawthron Institute: *Publications, Annual Reports, Cawthron Lectures*.  
 Dairy Research Institute: *Publications, Annual Report*.  
 Department of Agriculture: *Journal*.  
 Department of Scientific and Industrial Research: *Bulletins, Section Publications*.  
 Dominion Museum: *Monographs, Bulletins, Records, Handbooks*.  
 Entomological Society of New Zealand: *N.Z. Entomologist*.  
 Forest and Bird Protection Society: *Forest and Bird*.  
 Geological Survey: *Bulletins, Annual Reports, Memoirs*.  
 Department of Scientific and Industrial Research: *N.Z. Journal of Geology and Geophysics*;  
*N.Z. Journal of Agricultural Research*; *N.Z. Journal of Science*.  
 Marine Department: *Bulletin, Report, Fisheries Bulletin*.  
 Massey Agricultural College: *Calendar, Bulletins, Farming annuals*.  
 New Zealand Forest Service: *Reports, Bulletins, Leaflets, Forestry Research*.  
 N.Z. Association of Scientists: *N.Z. Science Review*.  
 N.Z. Geographical Society: *New Zealand Geographer, Record*.  
 N.Z. Institute of Chemistry: *Journal*.  
 N.Z. Institute of Foresters: *Journal of Forestry*.  
 Polynesian Society: *Journal*.  
 University of Otago: *Calendar, Proceedings Otago Medical School Year Book*.  
 Victoria University: *Zoological Publications, Psychological Publications*. Biological Society of  
 V.U.: *Tuatara*.  
 Wellington Botanical Society: *Bulletins*.  
 Wild Life Branch, Internal Affairs Department, Wellington: *Publications, Bulletins*.  
 Wheat Research Institute: *N.Z. Wheat Review*.

## NORTH AMERICA

## Canada.

Association Canadienne-Française pour L'Avancement des Sciences: *Annales de L'ACFAS*.  
 Canadian Arctic Expedition, 1913-18: *Reports*.  
 Chemical and Allied Industry, Canada: *Chem. Canada*.  
 Dominion Astrophysical Observatory: *Publications*.  
 Department of Agriculture: *Reports, Bulletins, Circulars, Entomol. Publications*.  
 Department of the Interior: *Natural Resources Division: Reports, Bulletins*. Forestry Branch:  
*Reports*. Canadian National Parks. Dominion Observatory: *Publications*.  
 Department of Mines, Province of Quebec: *Laboratory Branch*.  
 Mines Department: *Geological Survey Branch: Memoirs, Economic Geology, Summary Reports,*  
*Bulletins*. Mines Branch: *Annual Report, Memoranda Series*.  
 National Research Council: *Report, Review of Activities, Research News*.  
 Natural History Society New Brunswick: *Annual Report*.  
 Nova Scotia Institute of Science: *Proceedings and Transactions*.  
 Royal Canadian Institute, Toronto: *Transactions*.  
 Royal Society of Canada: *Transactions*.  
 University of Montreal: *Contributions A.B.C.*

## United States of America.

Academy of Natural Sciences, Philadelphia: *Proceedings, Year Book, Notulae Naturae*.  
 Alan Hancock Foundation: *Occas. Papers, Pacific Expedition Reports*.  
 American Academy of Arts and Sciences: *Proceedings*.  
 American Geographical Society: *Geographical Review*  
 American Journal of Botany.

*American Midland Naturalist.*

- American Museum of Natural History: *Bulletin, Novitates.*  
 American Philosophical Society: *Proceedings, Transactions, Memoirs, Year Book.*  
 Arnold Arboretum, Harvard: *Journal.*  
 Boston Society of Natural History: *Proceedings, Memoirs.*  
 Buffalo Society of Natural Sciences: *Bulletin.*  
 California Academy of Sciences: *Proceedings, Annual Reports, Occas. Paper.*  
 Chicago Natural History Museum: *Fieldiana, Annual Reports.*  
 Connecticut Academy of Arts and Sciences: *Transactions, Memoirs.*  
 Cornell University Experiment Station: *Memoirs, Bulletin.*  
 Cushman Laboratory, Sharon: *Contributions, Special Publications.*  
 Ecological Society of America *Ecology (17-25).*  
 Elisha Mitchell Scientific Society: *Journal.*  
 Experimental Station, Michigan Agricultural College: *Bulletins, Reports.*  
 Field Museum of Natural History: *Publications.*  
 Fish and Game Commission: *Report, Fish Bulletin, Cal. Fish and Game.*  
 Franklin Institute: *Journal.*  
*Gentes Herbarium, Ithica.*  
 Harriman Alaska Expeditions.  
 Industrial and Engineering Chemistry: *Journal, Analytical Edition.*  
 International Wild Life Protection: *Special Publication.*  
 International Telephone Telegraph Corporation, New York: *Electrical Communications.*  
 Inter-American Tropical Tuna Commission: *Bulletin, Annual Report.*  
 Illinois Natural History Survey: *Circular, Bulletin, Annual Report, Biol. Notes.*  
 Iowa State College, Ames: *Journal of Science.*  
 Johns Hopkins University: *Journal of Mathematics, Studies, Circular, American Journal of  
 Philology.*  
*Journal of Geology.*  
 Kansas Academy of Science: *Transactions.*  
 Library of Congress: *Report, Quarterly Journal.*  
 Lloyd Library, Cincinnati: *Lloydia.*  
 Louisiana Academy of Sciences: *Proceedings.*  
 Louisiana Geological Survey: *Geol. Bulletin, Water Resources Pamphlet.*  
 Marine Biological Laboratory, Wood's Hole: *Biological Bulletin.*  
 Marine Laboratory, University of Miami: *Bulletin, Contributions, Conservation Reports.*  
 Michigan Academy of Arts and Sciences: *Papers.*  
 Missouri Botanical Gardens: *Annals.*  
 Museum of Comparative Zoology, Harvard: *Bulletin, Memoirs, Reports, Breviora.*  
*Mycological Notes, Cincinnati.*  
 National Academy of Sciences: *Proceedings.*  
 National Geographic Society, Washington: *Magazine (Vols. 34-108).*  
 National Research Council: *Reprint and Circular, Annual Report.*  
 New York Academy of Sciences: *Annals, Transactions.*  
 New York Botanic Garden: *Journal, Bulletin, The Garden.*  
 New York State Museum: *Bulletin, Handbook.*  
 Oceanographic Laboratory, Yale University: *Journal Marine Research.*  
*Ohio Journal of Science.*  
 Oklahoma Academy of Sciences: *Proceedings Oklahoma of Sciences.*  
 Ohio State University: *Bulletin, Biological Survey Bulletins.*  
 Oregon State College: *Condon Lectures.*  
 Pacific Marine Fisheries Commission: *Annual Report, Bulletin.*  
 Palaeontological Research Institute: *Bulletins.*  
 Princeton University: *Reports of Princeton University Expeditions.*  
 Rancho Santa Ana Botanical Garden: *El Aliso.*  
 Rochester Academy of Sciences: *Proceedings.*  
 Smithsonian Institution: *Annual Report, Proceedings, War Background Studies, Miscellaneous  
 Collections, Contributions to Knowledge, Bulletin.* United States National Museum:  
*Bulletin, Proceedings.*  
 Stanford University, Dudley Herbarium: *Contributions.*  
 State College of Washington: *Bulletin, Research Studies.*  
 State Geological Survey, Kansas: *Bulletin.*  
 State of California: Dept. of Natural Resources: *Mining Inf. Series; Bulletin. Cal. Journal  
 Mines & Geol.*  
 State College of Washington: Agric. Experimental Station: *Bulletins.*  
 Sears Foundation for Marine Research, Bingham.  
 Seismological Society of America: *Bulletin.*

- Tufts College, Mass.: *Scientific Studies*.  
 Tulane University: *Tulane Studies in Zoology*.  
 U.S. Atomic Energy Commission: *Nuclear Science Abstracts*.  
 U.S. Department of Agriculture: *Journal, Year Book, Bulletins, Agric. Statistics*.  
 U.S. Geological Survey: *Bulletins, Circulars, Water Supply Papers, Monographs, Professional Papers*.  
 United States Naval Observatory: *Annual Report, Publications*.  
 University of California Agricultural Experiment Station: *Bulletin, Circular*.  
 University of California: *Memoirs, Bulletin Geology, Bulletin Zoology*. Scripps Institute of Oceanography: Technical Series.  
 University of Florida: *Bull. Florida State Museum Biological Sciences*.  
 University of Kansas: *Science Bulletin Circular, Palaeontological Cont.*  
 University of Michigan: *Contributions*.  
 University of Minnesota Agricultural Experiment Station: *Bulletin. Studies. Geological Survey: Studies, Bulletins*.  
 University of Missouri: *Quarterly of Research, Bulletin, Studies, School of Mines*.  
 University of New Mexico: *Bulletin, Publications in Biology*.  
 University of Oregon: *Publications*.  
 University of Pennsylvania: *Contributions from Zoological Laboratory*.  
 University of Washington: *Bulletins, Memoirs, Reports, The Trend*.  
 Vanderbilt Marine Museum: *Bulletin*.  
 Wagner Free Institute of Science, Philadelphia: *Bulletin*.  
 Wisconsin Academy of Sciences: *Transactions*.

**Hawaii.**

- Bernice Pauahi Bishop Museum: *Memoirs, Bulletin, Occasional Papers, Report, Insects of Micronesia, Special Publications*.  
 Hawaiian Historical Society: *Annual Report, Reprints*.  
 University of Hawaii: *Proc. Hawaiian Academy of Science, Pacific Science Research Publications, Occasional Papers*.

**NORWAY**

- Bergens Museum: *Arbok, Arsberetning, Skrifter*.  
 Norwegian Fishery Marine Investigations: *Skrifter*.  
 Norwegian Meteorological Institut, Oslo: *Jahrbuch*.  
 Norwegian North Polar Expedition.  
*Nyt Magazin for Naturvidenskaberne* (now *Nyt Mag. for Botanik*).  
 Scientific Results of Norwegian Antarctic Expeditions, 1927-28.  
 Tromso Museum: *Arshafter, Skrifter, Arsberetning, Astarte*.  
 University of Bergen: *Arbok, Arsmelding, Arsberetning, Publications Biological Station*.

**PACIFIC**

- Pacific Science Congress: *Proceedings, Reprints*.

**Tahiti.**

- Societe des Etudes Oceaniennes, Tahiti: *Bulletin*.

**PHILIPPINES**

- National Research Council: *Bulletin*.  
 Philippine Journal of Science.

**POLAND**

- Polska Akademia Navk, *Acta Biochemica, Archivum Hydrobiologie, Bulletins* (4 classes), *Nauka Polska*.  
 Académie Polonaise de Sciences et de Lettres: *Comptes Rendus, Bulletins*.  
 Société Botanique de Pologne: *Acta Societatis*.  
 Société Polonaise des Naturalises, Lwow: *Kosmos*.  
 University Marie Curie Sklodowska, Lublin: *Annals*.  
 Zoologici Musei Polonici Historiae Naturalis, Warsaw: *Annales, Prace Zoologiczne, Fragmenta Faunistica, Acta*.

**SPAIN AND PORTUGAL**

- Agronomica Nacional Sacavem: *Agronomia Lusitana*.  
 Instituto Botanico da Universidade de Coimbra (Portugal): *Boletin, Memorias*.  
 Instituto de Biologia Aplicada Barcelona: *Publications*.  
 Instituto Botanico; "Antonio Jose Cavanilles", Madrid; *Anales del Jardin Botanico*.  
 Instituto Botanico de Faculdade de Ciencias de Lisboa: *Trabalhos*.  
 Junta de Ciencias Naturales de Barcelona: *Publications*.  
 Melhoramento de Plantas Elvas: *Melhoramento*.  
 Portugaliae Acta Biologica, Lisboa: *Actas*.  
 Real Academia de Ciencias, exactes, fisicas, y naturales de Madrid: *Memoirs, Revista*.

## SOUTH AMERICA

**Argentine Republic.**

Academia Nacional de Ciencias: *Cordoba, Boletin.*  
 Direccion General de Minas Geologia Hidrologia: *Publications, Boletino.*  
 Museo Nacional de Historia Natural, Buenos Aires: *Anales.*  
 Sociedad Argentina de estudios Geograficos: *Gaea, Boletino.*  
 Ciencias Exactes, físicas y naturales, Buenos Aires: *Publications, Anales.*  
 Universidad Central de Venezuela: *Acta Biologica Venezuelica.*  
 Sociedad Cientifica Argentina: *Anales.*  
 Universidad Nacional de la Plata: *Revista, Boletim, Memoria, Anales.*

**Brazil.**

Instituto Biologico de Defesa Vegetal, Rio de Janeiro: *Revista Arquivos.*  
*Archivos Da Escola Agricultura Rio de Janeiro.*  
 Museu Nacional: *Boletim, Publications, Arquivos.*  
 Museu Paulista, Sao Paulo: *Revista.*  
 Observatorio de Rio de Janeiro: *Anuario.*  
 Instituto Oswaldo Cruz: *Memorias Monografias.*  
 Serviço Nacional de Pesquisas Agronomicas: *Boletim.*  
 Instituto Oceanografico da Universidade Sao Paulo: *Boletim, Cont. Avulsos.*  
 Ministerio do Trabalho Industria e Commercio: Instituto Nacional de Tecnologia: *Boletim do int. Publications, Anales.*  
 Fundaçao Getulio Vargas: *Summa Brasiliensis.*  
 Department de Zoologia (Secretaire da Agric.), Sao Paulo: *Arquivos Zool., Papers.*  
 Universidade de Sao Paulo: *Zoologia.*

**Mexico.**

Instituto Geologico de Mexico: *Bolletim, Anales.*

**Uruguay.**

Museo Nacional de Monte Video: *Anales, Comunicaciones Zoologiquas.*

## SWEDEN

*Botaniska Notiser, Lund.*  
 Botaniska Tradgard, Goteborg: *Acta Horti.*  
 Geological Institution of the University of Uppsala: *Bulletin.*  
 Geologiska Foreningens, Stockholm: *Forhandlingar.*  
 Gothenburg Museum: *Ethnologiska Studies, Zool. Meddelanden.*  
 Goteborgs Kungl. Vetenskap. Vitt. Sam.: *Handlingar, Bihang.*  
 Kungl. Fysiografiska Sallskapet, Lund: *Forhandlingar.*  
 Meteorologiska Institut Kungl. Univ. Uppsala: *Meddelanden.*  
 Statens Meteor.-Hydrografiska Anstalt: *Arbok, Meddelanden.*  
 Observatoire Météorologique de L'Université, Uppsala: *Bulletin Mensuel, Observations Seismo-graph.*  
 Kungl. Svenska Vetenskapskad.: *Arkiv, Handlingar, Arsbok, Les Prix Nobel, Skrifter.*  
 Sveriges Offentliga Bibliothek, Stockholm: *Accessions Katalog.*  
 Société Entomologique à Stockholm: *Tidskrift.*  
 Svenska Mosskultur Foreningens, Jonkoping: *Tidskrift.*  
 Svenska Naturskydds Foreningens, Stockholm: *Sveriges Natur, Arsbok.*  
 Svenska Sallskapet for Anthropologi och Geografi, Stockholm: *Annaler.*  
 Sveriges Geologiska Undersokning: *Arbok, Arsberattelse.*  
 University of Lund: *Arsskrift, Acta.*  
*Zoologiska Bedrag, Uppsala.*

## SWITZERLAND

Astronomische Mitt. der Eidgen Stern, Zurich: *Zeitschrift für Astrophysik.*  
 Conservatoire et Jardin Botaniques de la Ville de Geneve: *Candollea, Boissiera.*  
 Naturforschende Gesellschaft, Basel: *Verhandlungen.*  
 Naturforschende Gesellschaft, Bern: *Mittheilungen, Bibliographie.*  
 Naturforschende Gesellschaft, Zurich: *Vierteljahrsschrift, Neujahrsblatt.*  
 Société Vaudois des Sciences Naturelle, Lausanne: *Memoirs, Bulletin.*  
 Schweizerischen Naturforschenden Gesellschaft, Aarau: *Verhandlungen, Actes.*  
 Société de Physique et d'Histoire Naturelle, Geneve: *Compte Rendu, Mémoires, Archives des Sciences.*

U.S.S.R.

Academie des Sciences: Publications.

Arctic Institute of the U.S.S.R.: *Bulletin, Transactions, Problems of Arctic.*

Biological Station, Saratov: *Arbeiten, Hydrobiologische Zeitschrift.*

Institute for Scientific Exploration of the North: *Transactions.*

Institute of Fisheries and Oceanography, Moscow: *Transactions.*

Institut des Recherches Biologiques, Perm: *Travaux, Bulletin.*

Latvijas Universitates Botaniska Darza Rakste, Riga: *Acta.*

Musee Geologique Pierre le Grand, Leningrad: *Travaux, Problems of Soviet Geology.*

Societe des Naturalistes, Moscow: *Bulletin, Nouveaux Memoirs.*

Societe Entomologique de Russie, Leningrad: *Revue Russe d'Entomologie.*

University of Tartu, Dorpat (Esthonia): *Acta Commentationes.*

Universitatis Voronegiensis: *Acta.*

U.S.S.R. Society of Cultural Relations with Foreign Countries: *Voks, Bulletin.*

Ukraine Academy of Sciences, Kiev: *Geol. Journal, Botany Journal.*

**Central Asia.**

University of Central Asia, Tashkent: *Acta, Bulletin.*

YUGOSLAVIA

Natural Science Society: *Prirodoslovne Razprave.*