



THE UNIVERSITY OF
MELBOURNE

THE UNIVERSITY OF MELBOURNE ARCHIVES

NAME OF COLLECTION	Dr. Kingsley Spencer Rowan
ACCESSION NO	1984.0006
CATEGORY	University, individuals
ACTIVITY	Academics - Botany
DATE RANGE	1942-1983
SIZE OF COLLECTION	1.68 metres. (14 archives boxes)
HISTORICAL NOTE	Dr. Rowan, a graduate of Melbourne and Cambridge, worked in the Commonwealth Scientific & Industrial Research Organisation and was awarded a Fullbright Scholarship before accepting the appointment in 1961 as senior lecturer in Botany. There he taught and pursued his research in plant physiology, specialising in phosphorus metabolism. Rowan was appointed Reader in 1966 and retired in 1983.
DATE OF TRANSFER	8 th February, 1984
ACCESS CONDITIONS	Access: Restricted
DATE	20 th February, 1984

UNIVERSITY OF MELBOURNE ARCHIVES

RECORDS RECEIVED INTO CUSTODY

NAME: Dr. Kingsley Spencer ROWAN

ADDRESS: Formerly Botany Department, University of Melbourne

MAIN ACTIVITY: Botanist (retired)

TRANSFEROR: Dr. Kingsley Spencer Rowan

DATE OF TRANSFER: 8 February 1984

GENERAL NOTE: Dr. Rowan, a graduate of Melbourne and Cambridge, worked in the Commonwealth Scientific & Industrial Research Organisation and was awarded a Fullbright Scholarship before taking up an appointment in 1961 as senior lecturer in Botany. There he taught and pursued his research in plant physiology, specialising in phosphorous metabolism. He was appointed Reader in 1966 and retired in 1983.

LIST OF RECORDS

1. STUDENT NOTES - Numbered Files 1947-1983
- Subject Files 1950-1980
2. CORRESPONDENCE - 1946-1949
3. LECTURE NOTES - Numbered Files 1961-1971
- Subject Files 1947- c.1970s
4. EXPERIMENTAL
RESULT BOOKS - 1942-1968
5. PUBLICATIONS - 1952-1981
(Journals and
Proceedings)

1984 February 20

-
1. STUDENT NOTES 1946 - 1949 1 Box
- Unit 1 1/1 'Respiration and Plants' published 1945
- 1/2 Plant Physiology
Practical Books 1946 (2 vols)
- 1/3 Statistical Methods for Research Workers 1949
2. CORRESPONDENCE AND NOTES
- Unit 2 2/1 Numbered Files 1947-1983 4 Boxes
*Numbers as given by KSR
- 2/1/12 Examination of theses 1964-1968
- 2/1/14 Botany School from Davis 1960-1961
- 2/1/15 Melbourne University 1951-1981
- 2/1/16 Recommendations for applications 1965-1983
- 2/1/17 Chair Applications 1969-1976
- 2/1/21 Scholarship Applications 1947-1977
- Unit 3 2/1/25 Seminars (notes) 1958-1979
- 2/1/26 Notes used at various seminars and meetings 1957-1974
- 2/1/26A Cambridge notes 1950-1952
- 2/1/27 Publications 1960-1962
- 2/1/27A USA 1952-1976
- Unit 4 2/1/28 Europe and Great Britain 1951-1979
- 2/1/29 Canberra mainly Dr. Shepherd 1954-1982
- 2/1/30 Conferences on Plant Growth
- 2/1/31 New Zealand, Asia, Dr. C. Kao 1955-1982
- 2/1/32 Australian 1954-1980
- 2/1/33 Australian Societies 1949-1983
- Unit 5 2/1/37 Research Grants: Federal Wheat Research Council 1962-1968

-
- Unit 5 2/1/38 Research Grants: Australian Meat Research Committee and Rural Credits 1964-1969
- 2/1/41 J.W. Anderson 1962-1980
- 2/1/42 Cambridge: St. Joans College and Botany School especially Dr. Barker (Ph.D Supervisor) 1949-1979
- 2/1/43 Dr. Peter Saenger 1970-1979
- 2/1/45 CSIRO Dr. Barry Glasson 1961-1969
-
- 2/2 Subject Files 1950-1982 2 Boxes
-
- Unit 6 2/2/1 Professor Sir Rutherford Robertson while in CSIRO 1950-1965
- 2/2/2 Professor J.F. Turner now AG. CHEM. Sydney formerly CSIRO 1954-1959
- 2/2/3 Old papers 1956-1966
- 2/2/4 Dr. G. Everson. Environmental Science. Q.I.T. 1964-1966
- 2/2/5 History of Faculty of Science notes 1961-1968
- 2/2/6 Graduate Students 1964-1966
- 2/2/7 Graduate Students 1964-1982
- 2/2/7 Vicki Brown: Port Philip Bay project 1976-1977
- 2/2/8 ANZAAS: 1977 Section 12: General 1976-1977
- 2/2/9 ANZAAS: 1977 Section 12: KSR
-
- Unit 7 2/2/10 Fulbright Scholarship 1958-1964
- 2/2/11 Vegetable crops U.C. Davis California 1958-1961
- 2/2/12 Bioassays of growth substances in cantaloupe, Davis 1960
- 2/2/13 CSIRO Division of food preservation 1950-1965
- 2/2/14 CSIRO Head Office 1953-1963
- 2/2/15 Harlanpratt U.C. Davis California U.S.A. 1956-1965

3. LECTURE NOTES 3 boxes

3/1 Numbered Files 1960-1968

Unit 8 3/1/1 Metabolism (old Pt. II) c. 1963-1968

3/1/2 Growth (old Pt. II) c. 1962-1968

3/1/3 Plant Physiology (old Pt. II) c. 1961-1965

3/1/4 Plant Physiology (Pts. II and III) c. 1960

3/2 Subject Files

3/2/1 Botany III: Undergraduate Project 1947

3/2/2 Botany Part II: Phycology Class Sheets 1962

Unit 9 3/2/3 Botany Part II: Reference lists and practical sheets c. 1960

3/2/4 Transpiration Notes c. 1960s-1970s

3/2/5 Biochemistry General 1947-1971

3/2/6 Morphogenesis c. 1960s-1970s

3/2/7 Photosynthesis c. 1960s-1970s

3/2/8 Water Relation c. 1960s

3/2/9 Hormones c. 1960s-1970s

3/2/10 Enzymes c. 1960s-1970s

3/2/11 Growth and nutrition c. 1960s-1970s

3/2/12 Water 1973

3/2/13 PHS (Photosynthesis) 1972

Unit 10 3/2/14 Marine c. 1970s

3/2/15 Growth Substances c. 1970s

3/2/16 Germination c. 1970s

3/2/17 Synthesis, carbohydrate c. 1970s

3/2/18 Cell membranes, structures, organelles c. 1970s

- Unit 10 3/2/19 Growth c. 1970s
- 3/2/20 Enzyme Kinetics c. 1970s
- 3/2/21 Respiration c. 1970s
- 3/2/22 Regulation c. 1970s
- 3/2/23 Nitrogen - Protein synthesis Nucleic Acid c. 1977
- 3/2/24 Biology c. 1971-1977
- 3/2/25 Ion uptake (includes practical notes)
(Botany 202) c.1972-1976
- 3/2/26 Respiration (Botany Part III) c. 1960s-1970s
- 3/2/27 Pigments (Botany Part III) c. 1960s-1970s

4. EXPERIMENTAL RESULT BOOKS

- Unit 11 4/1 Mary Todd Warburg results 1942
- 4/2 Hanly, Rowan & Turner (Aust. J. Biol. Sci. 5, 64) 1952
- 4/3 Shepherd & Rowan (Aust. J. Pl. Physiol.) 1968
(Extraction of IAA).
- 4/4 Rowan, comparison of response of wheat leaf pieces to
GA. EXPT. 15 & 16 GA₁ - GA₃
19 & 20 GA₃ - GA₄
- Undated.

5. PUBLICATIONS

3 Boxes

- Unit 12 5/1 Australian Society of Plant Physiologists
Annual General Meetings programmes and abstracts undated (2 volumes),
1961, 1964, 1965, 1967 - 1970, 1972 -1980
- Unit 13 5/2 American Society of Plant Physiologists
Bulletin Nos. 25, 26, 29-31, 33. 1970-1979
- 5/3 Australian Biochemical Society. Ordinary General Meeting 1963.

- Unit 13 5/4 CSIRO Division of Horticultural Research Report 1979-1981
- Unit 14 5/5 U.C. Davis Department of Vegetable Crops California Newsletter 1966-1970
- 5/6 Misc. proceedings and abstracts 1954-1981
- 5/7 Translations (papers) 1952-1955