THE UNIVERSITY OF MELBOURNE ARCHIVES

NAME OF PARBERY, DOUGLAS GEORGE (Dr)

COLLECTION:

ACCESSION NO: 103/15

CATEGORY: University, individuals **ACTIVITY:** Academics - Botany

DATE RANGE: 1958 - 2002

SIZE OF 2.21 metres

COLLECTION:

DATE OF 13 May 2003

TRANSFER:

ACCESS Partly restricted

CONDITIONS:

HISTORICAL Douglas George Parbery was born in Bega NSW. He took his B.Sc.Ag **NOTE:** at University of Sydney in 1958 and M.Agr.Sc(Plant Pathology) in

at University of Sydney in 1958 and M.Agr.Sc(Plant Pathology) in 1961 at the University of Queensland where he also worked as a demonstrator in biology. He transferred to University of Melbourne in the Faculty of Science from 1962 until 1969. In 1970 he transferred to the Faculty of Agriculture and Forestry where he was Dean for several years and retired in 1995 as Associate Professor. His specialty was Mycology and following his retirement he was appointed Senior Associate in Mycology and Plant Pathology. The collection includes

his 86 published academic papers.

DESCRIPTION: Correspondence, technical papers

LISTED BY: T J Hart DATE: 19 May 2003

Box Series No Description Dates
No

	1		
	1	Correspondence	
		The majority of the files include an index	
		of correspondents including dates and	
4	1.11	subjects	1065 1066
1	1/1	Correspondence	1965 - 1966
1	1/2	Correspondence Technical	1967
1	1/3	Correspondence	1967 -1968
1	1/4	Correspondence General	1969
1	1/5	Correspondence Technical	1970
1	1/6	Correspondence Leave - Conference	1971
1	1/7	Correspondence	1971
1	1/8	Correspondence	1972
2	1/9	Correspondence International Symposium	1973
		on Taxonomy of Fungi, Madras	
2	1/10	Correspondence	1973
2	1/11	Correspondence	1974
2	1/12	Correspondence	1975
2	1/13	Correspondence 1a	1975
2	1/14	Correspondence	1976
3	1/15	Correspondence Study Leave	1976 - 1977
3	1/16	Correspondence	1977
3	1/17	Correspondence	1978
3	1/18	Correspondence	1979
3	1/19	Correspondence Special Studies	1978
		Programme	
3	1/20	Correspondence	1980
4	1/21	Correspondence Part 1 Not held	1981
4	1/22	Correspondence Part 2	1981
4	1/23	Correspondence Part 3 Water Resources	1981
		Council/Water Research Foundation	
4	1/24	Correspondence	1982
4	1/25	Correspondence	1983
4	1/26	Correspondence Part 1	1984
4	1/27	Correspondence Part 2	1984
5	1/28	Correspondence Part 1	1985
5	1/29	Correspondence Part 2	1985
5	1/30	Correspondence Part 1	1986
5	1/31	Correspondence Part 2	1986
5	1/32	Correspondence	1987
5	1/33	Correspondence	1988
6	1/34	Correspondence Part 2	1987
O	1731	Correspondence Part 1	1988
6	1/35	Correspondence Part 2 Nos 121-180	1988
6	1/36	Correspondence Part 1 Nos 181-239	1989
6	1/30	Correspondence Part 2 Nos 240-285	1989
6	1/37	Correspondence Part 1	1990
6	1/36	Correspondence Part 2	1990
7	1/39	<u> </u>	
/	1/40	Correspondence	Jan 1991 - Aug 1991

 $^{2 \}quad E: \COLLECTION\ MANAGEMENT \Inventories \UMArchives \Lists (P-S) \Parbery,\ Douglas\ George\ (103\sim15). doc \quad Version\ 25\ October\ 201025\ October\ 20102$

Box No	Series No	Description	Dates
7	1/41	Correspondence	Aug 1991 - Dec 1991
7	1/42	Correspondence Part 1	1992
7	1/43	Correspondence Part 2	1992
7	1/44	Correspondence Part 1 Nos 1-92	1993
8	1/45	Correspondence Part 2 Nos 93-162	1993
8	1/46	Correspondence Part 3 Nos 163-304	1993
8	1/47	Correspondence	1994
8	1/48	Correspondence Part 1 Nos 1-90	1995
8	1/49	Correspondence Part 2 Nos 91-150	1995
8	1/50	Correspondence Part 3 Nos 151-203	1995
9	1/51	Correspondence Part 1 Nos 1-60	1996
9	1/52	Correspondence Part 2 Nos 61-120	1996
9	1/53	Correspondence Part 3 Nos 121-127	1996
_		Correspondence Part 1 Nos 1-70	1997
9	1/54	Correspondence	1998 - 2003
9	1/55	Correspondence - Mostly Technical	1958 - 1963
		Setting-up classes	
9	1/56	Correspondence Technical	1964 - 1965
9	1/57	Correspondence Personal & Confidential	1959 - 1970
10	1.50	[Restricted access]	1066 1070
10	1/58	Correspondence Personal	1966 - 1978
10	1/59	Correspondence Alice Wu	1974 - 1975
10	1/60	[Restricted access]	1070 1071
10	1/60	Correspondence re Review of work on	1970 - 1971
10	1/61	biodeterioration in Australia	1962 - 1973
10	1/01	Correspondence Private & Confidential - Examiners Reports & References for	1902 - 1973
		Graduates & PQs	
		[Restricted access]	
	2	Curriculum Vitae	
10	2/1	Curriculum Vitae	2003
	3	Papers submitted by D G Parbery as	
10	271	course work University of Sydney	1057 1050
10	3/1	Papers submitted	1957 - 1958
	4	Journal Papers	
		Off-prints and copies of Parbery's	
		Published academic papers numbered	
		consecutively (See appendix for listing)	
10	4/1	Journal papers No 1-46	1960 - 1978
10	4/2	Journal papers No 46-86	1980 - 2002
	5	Book Chapters, Book Reviews & other	
10	5/1	Book Chapters, Book Reviews & other	
10	5/2	Tasmanian talk	
10	5/3	Fusurium Illustrations	

Box No	Series No	Description	Dates
	6	Strathfieldsaye Estate	
11	6/1	Data Development	1976 - 1985
11	6/2	Farm Reports	1985 - 1998
11	6/3	Miscellaneous	
11	6/4	"The University Farms" audio tape	4 Sep 1985
	7	Conferences & Congresses	
11	7/1	British Mycological Society	Sep 1978
11	7/2	Various	1967 - 1981
11	7/3	International Congress of Plant	1983
		Pathology, Melbourne:	
12	7/4	Various	1989 - 1994
12	8	Miscellaneous items	
12	9	Diaries	
	10	Photographs	
OSBA 209	10/1	Wetter Farming Train	1920s
12	10/-	Other photographs unlisted	

Box Series No Description

Dates

No

APPENDIX

CURRICULUM VITAE:

DOUGLAS GEORGE PARBERY

AD 2003

PERSONAL DETAILS

Date and Place of Birth: 27th May, 1935; Bega, NSW

Private Address: 24 Churchill St, Mont Albert, Vic. 3227.

University Address: Department of Agriculture and Resource Management,

Faculty of Agriculture, Forestry and Horticulture,

University of Melbourne, Parkville, Vic. 3052.

Maritial Status: Married

Position at Retirement: Associate Professor

Present Position: Senior Associate in Mycology and Plant Pathology

SUMMARY OF EDUCATION AND EMPLOYMENT

1954-1958 University of Sydney

Faculty of Agriculture, B.Sc.Agr 1958

1959-1961 University of Queensland

Faculty of Science; Demonstrator in Botany Faculty of Agriculture; M.Agr.Sc.(Plant Pathology)

1962-1995 University of Melbourne

Faculty of Science: Lecturer in Plant Pathology; Ph.D.

(1970, in Industrial Mycology)

1970-1995 <u>Faculty of Agriculture and Forestry</u>

1970 Lecturer in Plant Pathology

1971-1978 Senior Lecturer

1979-1995 Reader/Associate Professor

1979-1980 Deputy Dean

1981-1983 Dean

1984-1995 Reader/Associate Professor

31/12/1995 Retired

1996-present Senior Associate in Mycology and Plant Pathology

AWARDS

1976 British Council Award - for study of leaf surface ecology of leaf

pathogens.

1980 Commonwealth Foundation Award - to attend Aberdeen

Symposium on phyllosphere ecology

Box Series No Description

Dates

No

1965-1995

OVERSEAS EXPERIENCE

Research grants for various programs.

Prolonged Periods of Study/Work

1968 Study leave (12 mths): University College, North Wales, Bangor (1

month); Biodeterioration Information Centre, University of Aston in Birmingham (2 months); Museum Nationale d'Histoire Naturelle, Paris (6 weeks); Natural History Museum, Stockholm (2 months); Centraalbureau voor Schimmelcultures, Baarn, Holland (1 month); Commonwealth Mycological Institute, Kew, England (6 months).

Mainly study of the aviation kerosene fungus.

1971 Biodeterioration Symposium, Lunteren, Holland(1 wk);

Bundesanstalt für Materialprüfung, Berlin (1 wk); First International Mycological Congress, Exeter, (1wk); Commonwealth Mycological Institute (2 months).

1976-1977 Study Leave (12 months); Botany Department, University of Aberdeen(4

months); Botany Department University of Cambridge (8 months).

Phylloplane study.

1987-1988 Technischer Hochschule, Zurich (1 month); 14th International Botanical

Congress, Berlin (2 weeks); Department of Applied Biology, Cambridge University (5 months) - to gather information on pasture diseases in

preparation for writing a book on the subject.

1994, Jan-June Royal Botanic Garden, Edinburgh. Collecting information for chapter

on ergots for above book on pasture diseases. Commonwealth Bureau of Agriculture (CAB) International recommended a whole book on the

ergots.

Other Visits

1973 One of 40 Western Scientists invited to present the highlights of the First

International Mycological Congress to a gathering of Indian Scientists in

Madras who were unable to attend Exeter in 1971 (3 weeks).

1975 Hassanudin University, Ujang Pandang, Sulawesi, Indonesia to give

short course in Plant Pathology to a group of University Staff and to report on the teaching of plant pathology in the region. ADAB

sponsored (6 weeks).

1980 3rd International Symposium on the Ecology of Leaf Surface Micro-

organisms, University of Aberdeen (2 weeks).

1985 Australasian Plant Pathology Congress, Auckland, New Zealand

TEACHING EXPERIENCE AND RESPONSIBILITIES

Undergraduate Teaching Commitments

Coordination plus Lectures

<u>Plant Pathology</u>: (4th year B.Agr.Sc) A course of 36 lectures and 36 hr of practical instruction to from 10 to 20 students. This course was taught in varying forms from 1962 to 1995.

Box Series No Description No

<u>Forest Protection</u>: (2nd year B.For Sc.) A course of 36 lectures and 36 hr of practical instruction to 40 to 47 students, taught 4th year then 2nd year from 1985 to 1995.

Dates

Resource Use and Conservation: (4th years B.Agr Sc. and B.For.Sc.) A course 20 hr of lectures and 16 hr of seminars to 60 to 70 final year students. I developed the course and gave 8 lectures for the first 6 years. Thereafter I contributed four introductory lectures and assisted with coordination. 1970 -1985.

Lectures Only

<u>Plant Production</u>: (3rd year B.Agr.Sc.) A section of 12 lectures and 18 hr of practical classes on plant pathology given to 50 - 60 students in varying forms and lengths from 1970 to 1995.

Microbiology: (3rd year B.Agr.Sc.) Two lectures given on fungi to 50 students 1985 - 1995.

Plant Pathology (3rd year B.Sc.) One to two lectures to 15 students 1988 - 1990.

Engineering: (4th year B.Eng.). Two lectures given on plant ecology and ecosystems. 1980 - 1990.

Other Educational Contributions

<u>Farm Work Experience</u>: (1st to 4th year B.Agr.Sc.) I was responsible for supervising the Faculty's practical farm work experience requirement the 240 enrolled studentsduring 1972 - 1995.

Project: (4th year B.Agr.Sc.) The supervision of final year students conducting short research project. 1969 - 1995.

Excursions: Most years I accompanied students on one or more field excursions.

<u>Miscellaneous:</u> In the absence of other staff I was asked to provide lectures in courses such as the Introduction to Agriculture (year 1) and Scientific Communication.(year 2).

Post-Graduate Teaching and Supervision

Ph.D.

I supervised the following Ph.D. candidates:-

Beilharz, Vyrna.C. (1994) - Cercosporoid fungi of Australian native plants.(with H.J Swart [UoM] and I.C. Pascoe[DAV]).

Burgess, D.R. (1995) - *Sclerotinia minor* in sunflowers: onset of disease and bioprotection with *Gliocladium virens*. (with I.J. Porter [DAV])

Collett, Olga (1999) - Interaction between wood-inhabiting fungi, soil microorganisms and a quaternary ammonium copper compounds. (with G.A. Johnstone [CSIRO])

Edwards, Jacqueline (1999) - Mint rust (*Puccinia menthae*) on peppermint - epidemiology, and chemical control (with G.M. Halloran)

Gardner, W.K. (1981) - The soil-root interface of *Lupinus albus* L. (with D. Barber, DAV)

Kellock, A.W. (1975) - Root rot of subterranean clover. (with L.L. Stubbs)

Lenné, Jillian.M (1978) - Studies on the biology and taxonomy of Colletotrichum species.

Mattner, S.W. (1999) - The impact of rust on competition of ryegrass in the pasture sward.

Morgan, Wendy C. (1975) - Effects of Pseudopeziza leaf spot on the physiology and growth of lucerne.

O'Connor, J.A. (1983) - Effects of ozone and sulphur dioxide on Australian native plants. (stood in for W. Strauss, UoM, following his death).

Pang, E.C.K. (1992) - Genetic and pathological studies of black leg (*Leptosphaeria maculans*) on rapeseed (*Brassica napus*). (with G.M. Halloran).

Williamson, M.A (Anna) (1986) - Antagonistic interactions between *Colletotrichum graminicola* and yeasts on maize leaves (with N.J. Fokkema, Baarn, Holland).

Masters

Research Degrees: The following candidates were supervised:-

Box Series No Description

No

Dates

Afolabi J.F. (1994) - Variation in *Colletotrichum* isolates associated w

Afolabi, J.F. (1994) - Variation in *Colletotrichum* isolates associated with ripe rots of fruit and vegetables. M. Agr. Sc. (with D. Guest).

Asirifi, K-N, (1991) - Investigation of the impact of organic matter on the infection of vegetable species with Sclerotinia sclerotiorum. M.Agr. Sc. (with W.C. Morgan, DAV).

Bretag, T.W.* (1984) - Studies of ergot in wheat. M.Agr. Sc.

Dooley, L.B. (1975) - Studies on the mycoflora of pasture hay. M. Agr. Sc.

Edgerton, J.P. (1972) Decline of subterranean clover in Victoria. M. Agr. Sc.

Harris, A.R.* (1982) - Studies in *Xiphinema index* and other dagger nematodes on grapevines in Victoria. M. Agr. Sc.

Kollmorgon, J.F.* (1977) - *Fusarium avenaceum* associated with wheat cropping in the Victorian Wimmera. M. Ag. Sc.

Kotonya, Lizzie.A. (1993) - The pathogenesis of *Septoria apiicola* on celery (*Apium graveolens* L.). M. Agr. Sc.

McDonald, G.* (1981) - Aspects of the ecology of the common banded mosquito *Culex annulirostris* Skuse a major vector of Murry Valley Encephalitis Virus. M.Agr.Sc.

Meagher, J.W.* (1970) - Cereal cyst nematode in Victoria. M.Agr. Sc.

Mondal, A-H. (1990) - Spore matrix and spore bahaviour of Colletotrichum musae. M. Agr. Sc.

Murphy, G.D.* (1985) - Control of the black cricket *Teleogryllus commodus* (Walker) (Orthoptera: Gryllidae).

Mwanza, E.J.M. (1986) S study on damping-off in a regeneration mixed eucalypt forest. M. For. Sc. (with J.D. Kellas).

Njuguna, Jane (1995) - The cross-infection of maize and sesbania by *Sclerotium rolfsii* and its control. M.For. Sc.

Osmalak, J.A.H.M.* (1984) - Aspects of the control of tomato big bud disease and the vector *Orosius argentatus* (Evans) in Victoria. M.Agr. Sc.

Paul, A.R. (1966) - Criteria of species in the genus Helminthosporium. M.Sc.

Price, R. D.* (1967) - Stunted patches and deadheads in Victoria wheat crops. M.Agr. Sc.

Smith, P.R.* (1966) - The control of parsnip canker caused by *Itersonilia pastinacae*. M. Agr. Sc.

Sunardi, (1986) - Study towards the effective inoculation of regrowth *Leucaena leucophila* with vesicular-arbuscular mycorrhiza. M. For Sc.

Wan Zainun Bt. Hj. W. Nik (1975) - Studies of seed-borne fungi in tropical pasture legume species. M.Agr. Sc.

Yulianti, Titiek (1996) - Biology and epidemiology of sclerotial fungi on cotton. M.Agr. Sc.

* These were "external Masters degrees" where a supervisor was appointed to ensure that the standard of thesis presentation was adequate.

<u>Course Work Degrees</u>: In alternate years I give a series of 8 lectures on the effects of pollution on plants to 15 to 25 candidates for the degrees of Master of Applied Science and Master of Environmental Engineering. 1970 - 1995. In 1997 and 1998 I provided 3hr of lectures.

Post-Graduate Diploma

<u>Crop and Pasture Pathology:</u> A course conducted each year for students enrolled in the Graduate Diploma of Agriculture. 1988 -1995.

On-going Education

Workshops on fungus Identification:- In the early 1970's I organised and ran two workshops on fungus identification. These were well attended and successful. Now, with the run-down of teaching taxonomic mycology in Australian, few graduate with the required skills. In consequence I was invited to organised and ran a workshop in Perth in 1993 by the WA Branch of the Australasian Plant Pathology Society.

RESEARCH FIELDS AND ACTIVITIES

Diseases of pasture and fodder species

Box Series No Description No

Dates

Information was gathered for lectures and preparation of a book on diseases of pasture species which cause health problems in livestock. This was the subject of my study leave in Cambridge in 1987 and in Edinburgh in 1994.

One PhD program was conducted investigating the impact of infection of perennial ryegrass with rust on its competative ability and persistence within the sward.

The Biology, Taxonomy and Importance of Ergots

This book arose out of the research conducted during my work at Edinburgh in 1994, and on the advice of the publisher, has taken precedence over the above.

The ecology of plant pathogenic fungi

The role of the mucilaginous matrix in regulating spore survival, germination and appressorium formation and in the general biology of fungi is a significant interest.

Saprophytic soil fungi and the durability of wood preservatives

The change from chrome - copper - arsenitic compounds to organo-metallic compounds in wood preservation has raised the prospect of preservative failure in the field. This is being investigated through a CSIRO based project.

The role of disease in competition between pasture species

A PhD project on the investigation of the impact of infection of ryegrass by the rust fungus *Puccinia coronata* on competition between and productivity of ryegrass and subterranean clover has uncovered an enhanced allelopathy in ryegrass infected with rust..

Grass endophytes

A great deal of information has been complied on the interactions between a wide range of grasses and their endophytes. Some of this will be published in the book on ergots to which the endophytes are related.

Powdery Scab of Potato

A range of projects has been conducted on this topic over the years

Control of Sclerotinia and Sclerotium Species

Four projects on the biological control of *Sclerotinia sclerotiorum* and *Sclerotium rolfsii* in in a range of horticultural species using various organic soil amendments have been completed. A number of papers are still to be written.

Pathogenesis of Septoria apiicola

A MAgrSc project was based on a study of the infection process of *S.apiicola* in celery in an attempt to determine the nature of the pathogen and the manner in which it affects celery productivity and quality.

Cercosporoid Parasites of Australian native Plants

Cercosporoid fungi infect a wide range of Australian native plants which are being used increasingly for commercial purposes, increasing the need for identification of the parasites and for organise control programs, especially in the export cut flower trade. This PhD project was run in conjunction with AgVic.

Box Series No Description

Dates

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Historical Profiles of Austalian Plant Pathologists.

Five of these have already been published and others are being developed.

MAJOR COMMITTEES AND ADMINISTRATIVE EXPERIENCE

National and International Committees

<u>Forest Research Working Group 7</u> (Forest Pathology advisory group to the Australian Forestry Council). Member 1974 - 1995, Chairman 1986 - 1989.

Quarantine Advisory Commitee; 1972-1974, 1980-1982, 1990-1992.

SEC Loy Yang Advisory Panel; Advised on setting up a programme to monitor changes in the environment of the then proposed power station. 1972-1973.

<u>Science and Technology Reference Group:</u> Available to advise the Baker Committee during its review of agricultural research in Victoria (AIAS Member). 1989 - 1990.

<u>Farming Consultative Committee (of the Upper Yarra Valley & Dandenong Ranges Authority)</u>: I am the University of Melbourne's nominee to this committee from September 1992 - 1994 when the authority was dissolved following the creation of new shires.

University and Inter-institutional Committees

Faculty of Agriculture and Forestry; 1979-1983, Deputy Dean 1979-1980, Dean 1981-1983.

Faculty of Music; 1983-1988

Faculty of Science 1989-1992.

Academic Committee of Academic Board; 1984-1986

Board of Management for Strathfieldsaye Instutute; 1979-1990.

Strathfieldsaye Farm Management Committee; Chairman 1979-1990.

Creswick Affiliation Working Group; Faculty Liason Officer, 1979-1980.

<u>Victorian University and Secondary Education Board</u> (VUSEB), Chairman of the Standing Committee on Agricultural and Environmental Science and Chairman of Examiners; 1974-1976.

Victorian Institute of Secondary Education (VISE); Chairman as above, 1977-1979.

Joint Liason Committee on Extension; Chairman 1979-1982.

Scientific Advisory Panel; to the Baker Committee Review of Research in the Victorian Department of Agriculture and Rural Affairs, 1989-1990.

La Trobe University Board of Studies for Agriculture,; 1984-1985,1990 - 1993.

Victorian College of Agriculture and Horticulture (VCAH); Academic Board;1990

VCAH Higher Degree and Research Committee; 1990 - 1991.

Joint Editor, News Letter - VCAH and UNIMEL 1992-. Designed to assist amalagamation.

Box Series No Description No

Dates

Centre for the Study of Australian Agricultural History - Convener, exploratory meeting, 1995-1996

PROFESSIONAL COMMITEMENTS.

Professional and Learned Societies

<u>ANZAAS</u>, Secretary to the Organising Committee of the Botany Section, Melbourne 1967; Member of the committee for 1978.

International Plant Pathology Society (IPPS); Corresponding Member for APPS, 1989-.1992

Australasian Mycology Society (AMS); Member 1994-present.

Australasian Plant Pathology Society (APPS); Foundation Member; 1963-present.

<u>APPS Planning Committee</u> for the 4th International Plant Pathology Congress, Melbourne 1983; Member responsible for the opening ceremony and for the day-to-day Administration.

APPS Workshops;

<u>May 1975</u> – Three-day work shop to familiarise Australian Plant Pathologists with new approaches to the classification and identification of Deuteromycete fungi

<u>May 1978</u> – Three-day workshop to assist Plant Pathologist with the study and identification of Ascomycetes.

April 1993 – Four-day workshop on the identification of fungi imperfecti, Perth

<u>Australian Institute of Agricultural Science (AIAS)</u>; Victorian Branch Committee Member 1978-1983, 1988-1991; Branch President 1989-90.

AIAS Policy Group, 1989-1990.

Australian Grasslands Society, 1986-1994.

British Mycological Society, 1962-present

International Biodeterioration Society; 1968-1978.

Victorian Working Group on the Greenhouse Effect, Club of Rome, 1989-1990.

Editorial Post

Member, Editorial Board, Australian Journal of Experimental Agriculture, 1991-1993.

Senior Editor, Australasian Plant Pathology, 1990-1993.

Member of the Editorial Board of Mycological Research 1996-2000

Research Council

A member of the Australian Tobacco Research & Development Council 1986-1993.

Consultancies

Shell Oil Co. of Australia Ltd; I was retained to advise on the source of contamination of aviation fuel by fungi, 1966-1971. Invited to attend a meeting of Shell representatives with the British Aircraft Corporation at Weybridge, UK in 1968.

Box Series No Description No

Dates

Qantas and TAA (later Australian Airlines); to advise on control of fungal growths in aircraft fuel tanks, 1971-73.

British Airways; Discussions with staff at Weybridge, UK, on approaches to controlling growth in fuel tanks, 1968,

Singapore Airlines; Similar to the above, 1976.

A legal Firm In Sydney; The cause of a fatal crash through alleged negligence in fuel system maintenance, 1982.

Melbourne Supreme Court; Advisor to Legal firm representing the complainant in Smith vs DuPont, 1974 -1986.

Melbourne Magistrate's Court; Required as an expert witness regarding payment of disease inspection tax by interstate vegetable growers, 1983

Werribee Magistrate's Court; Required as expert witness in action by grower against nurseryman, 1987.

<u>Warrnambool County Court</u>; Retained by Legal firm representing farmer victims of Ash Wednesday fires as expert witness on the origin and direction of two separate fires. 1983-1986.

<u>Burnie County Court</u>; Retained as expert witness by Legal Firm representing the complainant in Perfecta vs Agserve, over inadequate advice on the control of neck rot in onions, 1986-1988.

Melbourne Supreme Court: Expert witness in a case involving the alleged introduction of bacterial wilt of potatoes onto a farm near Leeton NSW in a shipment of non-certified seed potatoes, 1993-1994.

RCA Plant Technologies Pty Ltd. Investigation of the cause of death of pine cuttings in their nursery at Walwa, March 1995. Follow-up investigation late 1996

Slater & Gordon, Portagallo/dePasqualle dispute. Retained as expert witness in case alleging club-root

outbreak due to negligence in nursery, 1997-1998.

Best Hooper Portagallo/Singh. Retained at expert witness in case alleging club-root outbreak at Kinglake

due to negligence in nursery, 1998-2001.

COMMUNITY SERVICE

Treasurer of the Caravan Street Kindergarten Management Committee, 1969-1970.

President of the Caravan Street Kindergarten Management Committee, 1971-1972.

Secretary of the 5th Box Hill Scout Troop Committee of Management, 1973-1976, and general helper for many years more.

Secretary, Emerald Tourist Railway Board, the body responsible for running the Puffing Billy Railway, 1984-present Member of the Puffing Billy Preservation Society, and a safeworker volunteer on a weekly basis, 1986 - present

Public Lectures on the biology of fungi, and other topics, when asked. E.G. Victorian Orchid Society on Mycorrizas in 1980, Gould League on Mushrooms and Toadstool 1989.

PUBLICATIONS

Chapters of Books

Parbery, D.G. (1977) Ch.4. Isolation and Identification of Fungal Biodeteriogens from Soil: *Biodeterioration Investigation Techniques*, (Ed. A.H. Walters), pp. 123-148, Barking, Applied Science Publishers.(xii + 346 pp).

Parbery, D.G. (1981) Biology of Anthracnoses on Leaf Surfaces, In *Microbial Ecology of the Phylloplane*, pp 135-154 (Ed. J.P. Blakeman), London Academic Press.

Box Series No Description No

Parbery, D.G. (1981) Ch.2. Pollutants and Plant Health, in *Air Pollution Control - Part IV*, pp 81 -123 (Eds. G.M. Bragg and W. Strauss), New York, Wiley-Interscience, (xi-356 pp).

Dates

- Connor, D.J., Parbery, D.G., and White, D.H. (1988). Ch. 6. An ecological analysis of Agriculture in Victoria, in *AIAS Guidebook to the Agriculture of Victoria*, pp 83-105 (Eds D.J. Connor and D.F. Smith), Melbourne Australian Inst. Agric. Sc., 231 pp.
- Pazoutova, Sylvie and Parbery, D.G. (1999) The taxonomy and phylogeny of *Claviceps*. In, *Ergot The Genus Claviceps* pp 57 77 (Eds Vladimír Kren and Ladislav Cvak), Harwood Academic Publishers.

Journal Papers

- 1. Langdon, R.F.N. and Parbery, D.G. (1960) Albinism in *Claviceps hirtella. Aust*ralian *Journal of Science* 23: 131.
- 2. Parbery, D.G. and Langdon, R.F.N. (1963) The imperfect state of *Phyllachora quadraspora* Tehon. *Australian Journal of Science* **25**: 409.
- 3. Parbery, D.G. (1963) Studies on graminicolous species of *Phyllachora*. 1 Ascospores their liberation and germination. . *Aust*ralian *Journal of Botany* **11**: 117-130.
- 4. Parbery, D.G. (1963) Studies on graminicolous species of *Phyllachora*. 2. Invasion of the host and development of the fungus. . *Australian Journal of Botany*. **11**: 131-140.
- 5. Parbery, D.G. and Langdon, R.F.N. (1963) Studies on graminicolous species of *Phyllachora*. 3. The relationship of certain scolecospores to species of *Phyllachora*. *Aust*ralian *Journal of Botany* 11:141-151.
- 6. Parbery, D.G. and Langdon, R.F.N. (1964) Studies on graminicolous species of *Phyllachora*. 4. Evaluation of the criteria of species. *Aust*ralian *Journal of Botany*. **12**(2): 265-2.
- 7. Parbery, D.G. (1967) Studies on graminicolous species of *Phyllachora* 5. A taxonomic monograph, . *Aust*ralian *Journal of Botany*. **15**: 271-375.
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- Parbery, D.G. (1968). The soil as a natural source of *Cladosporium resinae*. *Biodeterioration of Materials*, *Proceedings of the.First International Symposium.on Biodeterioration*, *Southampton*, pp 371-380.
- Parbery, D.G. (1971) "Montage" species: *Phyllachora* perfect states with attributed imperfect states of hyperparasites. Proceedings of the 1st International Mycological Congress, Exeter, U.K.
- Parbery, D.G.(1971). Ecological and genetic factors causing variation in *Cladosporium resinae*. *Biodeterioration of Materials* 2. *Proceedings of the 2nd International Symposium on Biodeterioration, Lunteren, Holland*; pp 19-26.
- Parbery, D.G.(1971). Soilborne pathogens: A critical evaluation of isolation techniques. *Australian Plant Pathology Conference*, *Hobart*, *Working Papers* pp 3(c), 1-6.
- Parbery, D.G. (1972) *Phyllachora, Linochora* and hyperparasites *Proceedingsof the International Symposium on the Taxonomy of Fungi* Madras 1972.pp 263-277
- Emmett, R.W. and Parbery, D.G. (1974). Appressorium formation: Stimulated or predetermined? *Proc. 2nd National APPS Conference, Sydney; APPS Newsletter* **3**: 61-62.

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- Parbery, D.G. (1980). Biology of anthracnoses on leaf surfaces a Review. *Proc. 3rd Int. Symp. on the Ecology of Leaf Surface Micro-organisms, University of Aberdeen* (see Chapters of books).
- Parbery, D.G.(1981). Adaptions by fungi to life on plant surfaces. Proc. 13th Int. Bot. Congress, Sydney, p 152.
- Parbery, D.G. (1983). Is there a need for special courses in seed pathology? Proc. 4th Int. Plant Path. Congress, Melbourne p.408
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- Parbery, D.G. (1993). The Trophic Nature of Fungi. Abstract, 9th National Conference of the Australasian Plant Pathology Society, Hobart, July 1993.
- Parbery, D.G. (1993). The Grass Endophytes. Proceedings, Australian Golf Course Superintendents' Association National Seminar, Canberra 2-3 August, 1993, pp.
- Parbery D.G. (1994) Facial Eczema, Ergots and the Ecology of Mycotoxin Producing Fungi. Symposium 7 Mycotoxins and grazing animals in Australia of the Australian Microbiological Association Congress, World Congress Centre, Melbourne 27th September 1994.
- Yulianti, T. and Parbery, D.G. (1995). Effects of organic manures on sclerotium behaviour in *Sclerotium rolfsii* and *Macrophomina phaseolina*. Abstract, Sclerotium Workshop, 10th National Conference of the Australasian Plant Pathology Society, Christchurch, New Zealand, August, 1995.

Other Papers, Invited Talks and Abstracts

- Parbery, D.G. (1968). The kerosene fungus, its taxonomy, biology and control. *Commonwealth Mycological Institute Kew, Surrey, UK*.
- Parbery, D.G. (1968). Research into the problem of biological sludge in petroleum products. *Sciences Club, University of Aston in Birmingham.*
- Parbery, D.G. (1971). The taxonomy of the genus *Phyllachora*. *1st International Mycol.ogical Congress, Exeter, UK*, Abstracts.
- Parbery, D.G. (1971). Microbiological problems in petroleum with special reference to the kerosene fungus. Bundesanstalt fur Materialprufung, Berlin.
- Parbery, D.G. (1972). "Cladosporium wing-spot" of *Avion commercialis* (diVinci) Wright, or, Plane Pathology!: A brief history of biological problems in aircraft. *Inaugural address to the NSW Branch of the Australasian Plant Pathology Society*.
- Parbery, D.G. (1972). Evolution, disease, man and calamity, an appraisal of the proposition that epidemic plant disease is a manifestation of agriculture. *Inaugural address to the Victorian Branch of the Australasian Plant Pathology Society*.
- Parbery, D.G. (1975). Parallel host ranges among biotrophic plant parasites and summarising address. 1st Hannaford Workshop, Waite Agricultural Research Institute, University of Adelaide.
- Parbery, D.G. (1976). Biotrophism vs Necrotrophism a basic concept in the philosophy behind the teaching of plant pathology. British Crop Protection Society Symposium on Teaching in Crop Protection, Sterling University, Scotland, UK.
- Parbery, D.G. (1977). An hypothetical basis for tolerance to parasites in plants. *Cambridge University Botany Club. Then by further invitation at Physiological Plant Pathatholog Society Symposium, University of Sussex*, (see published articles).

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- Parbery, D.G. (1985). Oestrogenic isoflavones and infection of pasture legumes by pathogens. 5th National APPS Conference, Auckland NZ.
- Parbery, D.G. (1987). "Parasitic saprophytes"; Our ignorance of the true nature of most non-pathogenic fungi. *Cambridge Mycology and Plant Pathology Club, University of Cambridge*.
- Parbery, D.G. (1987). Diseases as factors of potential reduction of pasture productivity. *British Pasture Disease Working Group, Special Meeting, convened because I was in Cambridge*.
- Parbery, D.G. (1987). The potential for pasture diseases to limit animal production. *British Pasture Diseases Working Group, Special Meeting, Cambridge*.
- Parbery, D.G. (1988). The greenhouse effect and agriculture. National Greenhouse '88 Conference.
- Parbery, D.G. (1989) The greenhouse effect in perspective. Abstracts, Australian Grasslands Society Symposium, Hamilton, Vic.
- Gurr, G. M., Parbery, D.G. and Afalabi, J.F. (1993). Interaction between pink rot and powdery scab of potato. *Proceedings, National Potato Workshop*. Devonport, Tasmania, May 1993, pp 100-103.
- Burgess, D.R., Porter, I.J. and Parbery, D.G. (1993). Sclerotinia stem rot in sunflowers: Control with *Gliocladium virens*. *Proceedings, International Plant Pathology Congress*, Manitoba, Canada, August 1993.
- Parbery D.G. (1994). The ergots what we don't know. Meeting of the Scottish Mycology and Plant Pathology Society, East Craigs, April 1994.
- Edwards, J., Parbery, D.G., Halloran, G.M. and Pang, E.C.K. (1995) A comparison of the field disease cycle of *Puccinia menthae* on Todd Mitcham peppermint and Scotch spearmint. *Abstracts of the 10th Biennial Australasian Plant Pathology Conference*, p 38, 28-30th August 1995, Lincoln University, New Zealand.
- Parbery, D.G. (1995). The biology of ergot fungi and their implication in disease. Weekly Clinical Meeting, No 6 RAAF Hospital, RAAF Williams, Laverton, 20-7-1995.
- Boch, M.P. and Parbery, D.G. (1996) The psychoactive ergot alkaloids and their occurrence in the microfungi. Poster Session, First Conference of the Australasian Mycological Society, The Ferdinand von Müller Commemorative Conferences, Melbourne, October 1996.
- Snow, J.A., Parbery, D.G. and Vinden, P. (1996) The development of fungal stain in Victorian hardwood sawlogs: Isolation and identification. Canberra Conference October 1996.
- Edwards, J., Halloran, G.M., Parbery, D.G., Taylor, P.A. and Pang, E.K.C. (1996) Mint rust and the peppermint oil industry of north eastern Victoria. *First Australian New Crops Conference*, Gatton College, Queensland, 8 11th July 1996.
- Edwards, J., Parbery, D.G., Halloran, G.M. and Taylor, P.A. (1997) Factors affecting teliospore production in *Puccinia menthae. Abstracts of the 11th Biennial Australasian Plant Pathology Conference*.
- Edwards, J., Ades, P., Parbery, D.G., Halloran, G.M. and Taylor, P.W.J (1998) Genetic variation among Australian isolates of *Puccinia menthae* revealed by RAPD markers. Delivered at the 6th International Plant Pathology Congress, Edinburgh, Scotland; 9-16 August. 1998.
- Edwards, J., Ades, P., Parbery, D.G., Halloran, G.M. and Taylor, P.W.J (1998) Molecular and morphological variation between spearmint rust and peppermint rust isolates in Australia. 6th International Congress of Mycology, Jerusalem, Israel; 23-28 August 1998.
- Boch, M.P. and Parbery, D.G. (1999) The ergots of Australia, their alkaloids and their hosts. Psychoactive Drugs Symposium, Rio De Janero, January 1999.

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Reports

- Parbery, D.G. (1986). Report on: *The Development of Strathfieldsaye Farm 1976-1986*. Prepared for the University of Melbourne's Board of Management for Strathfieldsaye.
- Parbery, D.G. (1988). Report on: *The Development and operation of, and the research activity at Strathfieldsaye*. Prepared for:- the University of Melbourne's Board of Management for Strathfieldsaye as a brochure for the field day held on 26th October, 1988.
- Parbery, D.G. (1988). Report on: *The Greenhouse effect*. Prepared for the Policy Group of the Australian Institute of Agricultural Science (AIAS) as a basis for the formulation of a policy on the question.
- Parbery, D.G. (1989). Report on: Salaries, careers and conditions for research staff of the Department of Agriculture and Rural Affairs (DARA). Prepared on behalf of the AIAS for submission to:- The Baker Review of Research in DARA.
- Parbery, D.G. (1993). Review of pest and disease research programmes. Prepared on behalf of the Tobacco Research and Development Council, 11 pp.
- Parbery, D.G. (1995). Review of Hygiene Procedures: Walwa Nursery. Report to RCA Plant Technologies, Frankston, Vic., 10 pp.
- Parbery, D.G. (1998). Report on reasons for the fall of a tree on Superman Corner of the Puffing Billy Railway on 10th October 1998. In letter to Mr. J.D. Shaw, 27-10-1998.

Recognition

In addition to being invited to talk on my research interests and ideas at various times, at a range of conferences etc, I was particularly pleased to have a genus in the fungal family Phyllachoraceae named after me, *Parberya*.

See Pearce, Ceridwyn A. and Hyde, Kevin D. (2001) – Two new genera in the Phyllachoraceae: *Sphaerodothella* to accommodate *Sphaerodothis danthoniae*, and *Parberya gen. nov*. In *Fungal Diversity* 6: 83 – 97.