

UTR7.189 - THE UNIVERSITY OF MELBOURNE BOTANY FOUNDATION

Recitals

- A. Council of the University in 1994 approved an appeal to enable the creation of a fund for the encouragement and promotion of excellence in education, study, teaching and research in Botany.
- B. Council approved for the purpose the establishment of a foundation called The University of Melbourne School of Botany Foundation ('Foundation').
- C. In 2007, the sum of \$2,310,442 was transferred from the Foundation to the fund now known as 'The Adrienne Clarke Chair of Botany' in accordance with a resolution of Council. This fund is governed by UTR7.241.
- D. On 1 January 2015, the school of Botany merged with the Department of Genetics and the Department of Zoology to form a new school of BioSciences. ('school').
- E. At 17 October 2016 the capital of the fund representing the Foundation was \$3,078,343.85 ('capital sum') and the accumulated income was \$684,952.65 .

It is provided as follows-

- 1. The capital sum, all income arising from the capital sum, and any accumulations or additions thereto together form a fund called 'The University of Melbourne Botany Foundation' ('fund'), which must be paid into one or more investment common funds and remain there until Council directs otherwise.
- 2. The capital and income of the fund are to be applied by Council on the recommendation of the board established in the succeeding section, to facilitate and promote teaching and research in the discipline of botany within the school of BioSciences ('school'), faculty of Science ('faculty'), which may include the purchase of equipment and facilities and the support of fundraising activities.
- 3. If there is any unexpended income then the University may, at its absolute discretion:
 - a) retain it as income and make it available for the Stated Purpose in another year; or
 - b) add it to the Capital of the Trust.
- 4. There is to be a board of management for the Foundation comprising the following members –

- (i) the dean of the faculty ('dean') or nominee;
 - (ii) the head of the school ('head') or nominee;
 - (iii) the director of the Plant Cell Biology Research Centre or nominee;
 - (iv) two members of the academic staff of the school in the discipline of botany nominated by the head;
 - (v) one postgraduate student of the school in the discipline of botany nominated by the head; and
 - (vi) not more than five external members co-opted by the board.
5. In addition to the capital sum, the Foundation is also responsible for managing endowed sub-trusts, the background and terms of these having been recorded in a separate paragraph within the schedule to this University trust record. These endowed sub-trusts are managed by and as part of the Foundation, insofar as each of those sub-trusts was established by the Foundation, or donations were received by the University for the prescribed purpose through an appeal or other initiative conducted by the Foundation.
6. As provided in section 43 of the Act, Council has delegated to the dean its powers and duties set out in section 2.

SCHEDULE

1	<p>(1995) SOPHIE DUCKER POSTGRADUATE SCHOLARSHIP Original Amount of Fund: \$17,060</p>	<p>Donor: Friends and associates of Dr Sophie Charlotte Ducker AM BSc MSc DSc LLB (Hons). From an early age Dr Sophie Ducker was interested in plants, and hoped to become a botanist after studying at Geneva and Stuttgart universities. This plan, however, was interrupted by the lead-up to the Second World War, which forced Dr Ducker and her family to leave Germany. They settled in Australia, and in 1944 she was able to resume her botanical career when she became a research assistant to the pioneering mycologist, Ethel McLennan, at the University of Melbourne. Dr Ducker remained in the then school of Botany for 30 years, completing a BSc and MSc, while at the same time demonstrating, teaching, supervising students, and establishing courses in phycology. She nominally retired in 1974 as a reader, but continued to lecture, give papers at international conferences, and to undertake scientific research with colleagues. In 1978 she was awarded a doctor of Science (DSc) by the University, in recognition of her published work, and in 1993 the University awarded her an honorary doctor of Laws (LLD). In 1996 she was awarded the Mueller Medal by the Australian and New Zealand Association for the Advancement of Science (ANZAAS), which was named in honour of Ferdinand von Mueller, botanist and pioneer environmentalist. In 1997 Dr Ducker was appointed a Member of the Order of Australia (AM) for service to recording the history of botany in Australia, to education and to science, particularly in the field of marine botany. Dr Ducker died on 20 May 2004 at the age of 95.</p> <p>The sum of \$17,060 to establish the Sophie Ducker Postgraduate Scholarship was raised at an event held in 1995 to celebrate Dr Ducker's 50 year association with the former school of Botany. Donations have been received on a regular basis since then from the Botany Foundation's annual giving</p>
---	---	---

		<p>program.</p> <p>The scholarship-</p> <ul style="list-style-type: none"> • is open for award annually to a student enrolled or enrolling in the school in the course for the degree of doctor of Philosophy in the discipline of botany, undertaking research in Australian flora; • is awarded by the dean on the recommendation of the head of the school; • is awarded on the basis of academic merit; • has a term of one year and may be awarded for a further period of one year. <p>The value of the scholarship is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school.</p>
2	<p>(1997) BRUCE KNOX PRIZE Original Amount of Fund: \$5,280</p>	<p>Donor: Friends, family, students and associates of Professor Robert Bruce Knox BSc (Hons) University of Edinburgh 1959, PhD University of Birmingham 1962, DSc (Melb.) 1984, who died on 30 August 1997. Professor Knox was Professor of Botany at the University from 1974 to 1997 and Co-director of the Plant Cell Biology Research Centre at the University from 1982 to 1987. He was elected as a Fellow of the Australian Academy of Science in 1989. His research was centred on the reproductive systems of flowering plants. A pioneer in the discovery of cell recognition mechanisms in the breeding and reproductive systems of flowering plants, he made a major contribution to the understanding of how plants recognise 'self and non-self'. He was one of the first people in the world to apply the techniques of immunochemistry and histochemistry to study plant development. His study of pollen led to the characterisation of proteins in the pollen cell wall and to the cloning of allergen genes. This award was set up initially by the Foundation in honour of Bruce Knox, Professor of Botany, after he died. A letter was sent to colleagues and friends dated 14 October 1997 seeking donations, raising \$5,280, as reported to the board of management of the Foundation on 11 November 1997. The Botany Students Society that existed at the time subsequently held a party to raise funds towards the prize. Donations have been received on a regular basis since then from Professor Knox's wife Janice Knox, and friends, and through the Foundation's annual giving program.</p> <p>The prize-</p> <ul style="list-style-type: none"> • is awarded annually to the student who attains the top aggregate mark in the honours year of a bachelor of

		<p>Science, or equivalent, in the discipline of botany;</p> <ul style="list-style-type: none"> • is awarded by the dean on the recommendation of the head of the school. <p>The value of the prize is determined by the dean on the recommendation of the Foundation board of management, acting through the head of the school.</p>
3	<p>(1997) JOHN S TURNER POSTGRADUATE SCHOLARSHIP Original Amount of Fund: approx \$20,000</p>	<p>Donor: Kaye Turner, David Ashton, friends and associates of the late John Stewart Turner MA, PhD University of Cambridge, OBE 1974, who died on 9 May 1991. Professor Turner was the second Professor of Botany and Plant Physiology, University of Melbourne from 1938 to 1973, and during World War II he was in charge of a team at the University working on tropic-proofing optical instruments using a fungicide. He was elected Fellow of the Australian Academy of Science in 1956. On 13 July 1997, the then school of Botany held a party and art auction to celebrate Dr David Ashton's 51st year of association with the School and his 70th birthday. Dr Ashton suggested that the occasion also be used to raise funds to endow a scholarship in the name of Professor Turner. Paintings donated by Dr David H. Ashton and Mrs Kaye Turner (wife of the late John Turner) to raise funds for the scholarship and donations were also received at the function. Donations have been received on a regular basis since then from the Foundation's annual giving program.</p> <p>The scholarship-</p> <ul style="list-style-type: none"> • is open for award annually to a student enrolled in the course for the degree of Doctor of Philosophy in the discipline of botany within the school, undertaking research in the area of plant physiology (including cell biology), plant ecology or conservation plant biology; • is awarded by the dean on the recommendation of the head of the school. <p>The value of the scholarship is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school.</p>
4	<p>(1999) KINGSLEY ROWAN MARINE BOTANY PRIZE Original Amount of Fund: \$400</p>	<p>Donor: Dr Vassilios Sarafis, the Foundation, friends and colleagues, in memory of the late Dr Kingsley Rowan. Dr Rowan was a past reader in the former school of Botany and an esteemed plant physiologist who worked for many years on algal plant pigments. He died on 8 March 2008. Further donations have been received, and also the Foundation contributed earnings from its unrestricted funds to the fund.</p>

		<p>The prize-</p> <ul style="list-style-type: none"> • is awarded annually to a student achieving the highest results in the third-year Marine Botany subject; • is awarded by the dean on the recommendation of the head of the school. <p>The value of the prize is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school.</p>
5	<p>(2000) G.A.M. SCOTT RESEARCH FUND Original Amount of Fund: \$4,993</p>	<p>Donor: The Foundation, family, friends and colleagues of the late George Anderson Macdonald Scott, BA BSc(Hons) PhD DSc FLS, who died in 1998. The Foundation also received a bequest of \$25,526.80 from the estate of the late Dr Helen J Hewson. Donations have been received on a regular basis since then from the Foundation's annual giving program. In 2014, \$50,000 was also received from the estate of the late Royce Ann Scott, presented to the Foundation by her sons Hamish, Iain, George and Dougal Scott. Dr Scott was an internationally renowned plant ecologist and bryologist. From 1986 to 1992, he was Master of Queen's College at the University, and from then until his death in 1998, a research fellow with the former school of Botany. He is remembered for his pioneering books on the mosses and liverworts of southern Australia.</p> <p>The award-</p> <ul style="list-style-type: none"> • is open for award annually to a postgraduate student, or an honours (or equivalent) student, in the discipline of botany within the school, undertaking research that involves field work in the areas of either bryophytes or plant ecology, with particular preference being given to research work involving bryophytes; • is awarded by the dean on the recommendation of the head of the school. <p>The value of the award is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school.</p>
6	<p>(2003) PLANT SYSTEMATICS RESEARCH FUND Original Amount of Fund: \$10,000</p>	<p>Donor: The original donor wishes to remain anonymous. The purpose of the fund is to 'support research by staff or students on the systematics, taxonomy, biogeography and evolution of living or extant flora, with preference for studies on, but not restricted to, the Australasian flora.' The income will be applied by the dean on the recommendation of the Foundation board of management, acting through the head of the school, to support research by staff and students in the school within the</p>

		discipline of botany in the areas named above.
7	<p>(2001) ETHEL MCLENNAN AWARD Original Amount of Fund: \$5,000</p>	<p>Donor: The Foundation (from untied funds), in memory of the late Dr Ethel Irene McLennan BSc (Melb) 1915, DSc (Melb) 1921. Donations have been received on a regular basis since then from the Foundation's annual giving program. Ethel McLennan was one of the first generation of Biological Sciences students to graduate under Baldwin Spencer. She joined the staff of the then school of Botany as a demonstrator and lecturer in 1915, following her graduation as BSc with first class honours and distinction in Botany and Zoology. She was awarded her DSc in 1927 and appointed Associate Professor in 1931, a position she held until 1955. She was acting head of the then school in Botany following the death of the Foundation Professor of Botany, Alfred Ewart in 1937, until the appointment of Professor Turner in 1938. Dr McLennan specialised in mycology and plant pathology, and was awarded the David Syme Research Prize in 1927. She retired in 1957, and died in 1983.</p> <p>The award-</p> <ul style="list-style-type: none"> • is open for award annually to a student enrolled in a postgraduate degree by research in any area in the discipline of botany within the school, on the basis of excellent academic achievement; • is awarded by the dean on the recommendation of the head of the school, who may take the financial needs of the student into account in order to encourage a worthy student. <p>The value of the award is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school.</p>
8	<p>(2003) MEGAN KLEMM POSTGRADUATE RESEARCH AWARD Original Amount of Fund: \$25,000</p>	<p>Donor: Dr Bruce Underwood, in memory of his partner, the late Dr Megan Klemm, manager of the Electron Microscopy Unit in the former School of Botany, who died on 29 May 2002. Donations have been received on a regular basis since then from the Foundation's annual giving program.</p> <p>The award-</p> <ul style="list-style-type: none"> • is open for award annually to a student enrolled in the course for the degree of doctor of Philosophy in any area in the discipline of botany within the school on the basis of excellent academic achievement; • is awarded by the dean on the recommendation of the head of the school who may take the financial needs of

		<p>the student into account in order to encourage a worthy student.</p> <p>The value of the award is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school.</p>
9	<p>(2004) GRETNA WESTE PLANT PATHOLOGY & MYCOLOGY SCHOLARSHIP Original Amount of Fund: \$10,000</p>	<p>Donor: Dr Gretna Weste BSc (1938) MSc (1939) PhD (1968) DSc AM. With subsequent additional donations from her family, friends and colleagues. Following the death of Dr Weste in September 2006, her family asked for Dr Weste's name to be added to the name of the scholarship. Donations have been received on a regular basis since then from the Foundation's annual giving program. Dr Gretna Weste was a botanist who worked in the former School of Botany from 1961 to 1982. She was the foremost authority in Australia on the biological behaviour of the cinnamon fungus, <i>Phytophthora cinnamoni</i>, which travels in disturbed soil and was responsible for 'dieback' disease in forests of Victoria, Tasmania and Western Australia.</p> <p>The scholarship-</p> <ul style="list-style-type: none"> • is open for award annually to support the research of an Honours (or equivalent) or postgraduate student in the discipline of botany within the school working in the area of plant pathology and/or mycology; • is awarded by the dean on the recommendation of the head of the school. <p>The value of the scholarship is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school.</p>
10	<p>(2006) DAVID H. ASHTON SCHOLARSHIP Original Amount of Fund: \$50,000</p>	<p>Donor: David Hungerford Ashton made a bequest to the Foundation of \$50,000, plus the proceeds from the sale of his oil paintings and pastels which were to be sold by the University during a period of 12 months commencing 24 April 2006. As at 31 October 2006, the sum of \$15,281 had been raised from the sale of the paintings and pastels, and included some further donations. Donations have been received on a regular basis since then from the Foundation's annual giving program.</p> <p>The scholarship-</p> <ul style="list-style-type: none"> • is open for award annually to a student who has achieved academic results at Honours 2A level (or equivalent) or above, who has enrolled to do their doctor of Philosophy in the discipline of botany within the school;

		<ul style="list-style-type: none"> • is awarded by the dean on the recommendation of the head of the school. <p>The value of the scholarship is determined by the dean , on the recommendation of the Foundation board of management, acting through the head of the school.</p>
11	<p>(2006) DAVID ASHTON TRAVEL AWARD Original Amount of Fund: \$25,000</p>	<p>Donor: David Hungerford Ashton made a bequest to the Foundation of \$25,000, to establish a travel award. Donations have been received on a regular basis since then from the Foundation’s annual giving program.</p> <p>The award-</p> <ul style="list-style-type: none"> • is open for award annually for a student studying in the discipline of botany within the school undertaking work in field plant ecology in order to defray travel expenses; • is awarded by the dean on the recommendation of the head of the school. <p>The value of the award is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school.</p>
12	<p>(2007) PROTIST SYSTEMATICS RESEARCH FUND Original Amount of Fund: \$2,000</p>	<p>Donor: Dr Roberta Cowen (Townsend), Murdoch University, WA, ex-student of the former school of Botany who specialised in algal taxonomy and biology, on the following terms:</p> <ul style="list-style-type: none"> • The purpose of the fund is to provide financial assistance by way of a grant to a researcher, including a postgraduate student or alumnus who is associated with the former school of Botany or, from 2015, the new school, for systematic and taxonomic research work concerning single-celled eukaryotic organisms. • Funds may be used for research costs, field work or publication costs but not for travel to conferences or for equipment. Preference is to be given to work on little-known organisms. • The capital base is to be maintained and only a reasonable proportion of the income is to be used for the grant. • The value of each grant is determined by the dean, on the recommendation of the Foundation board of management, acting through the head of the school. • One or more grants may be provided annually, and no one recipient may hold the grant for more than two successive years.

		<ul style="list-style-type: none"> The Protist Systematics Research Fund is to be advertised to the members of the school and alumni working in relevant fields.
13	<p>(2008) PAULINE LADIGES PLANT SYSTEMATICS RESEARCH FELLOWSHIP Original Amount of Fund: \$50,000</p>	<p>Donor: The Foundation, the faculty, Vice-Chancellor's Fund, friends and colleagues. A letter of agreement dated 3 June 2009 was signed by both the Chair of the Foundation and the Chair of the Royal Botanic Gardens Foundation Victoria, by which the two organisations agreed:</p> <ul style="list-style-type: none"> to support establishing the position of a Fellow in Plant Systematics and Evolution, to be jointly appointed to both the school and the Royal Botanic Gardens Foundation Victoria; that the purpose of the position would be to support the continued teaching of plant systematics in the school and to undertake relevant research at both the National Herbarium of Victoria and the school jointly; that over the course of each year the fellow will spend half their time working at the National Herbarium of Victoria and half their time at the school within the discipline of botany; that a Fellowship Committee be established to coordinate activities, comprising two members from the board of the Foundation, two members from the board of the Royal Botanic Gardens Foundation Victoria, the head of the school (or nominee) and the chief executive (or nominee) of the Royal Botanic Gardens. <p>At an alumni reunion in 2010 it was announced that the fellowship would honour Professor Pauline Ladiges AO FAA on her retirement after 18 years as head of the former school of Botany.</p>
14	<p>(2014) VSARAFIS RESEARCH FUND Original Amount of Fund: \$10,463.08</p>	<p>Donor: Vassilios Sarafis ('donor') by his Will dated 7 April 2009, bequeathed his residuary estate to the University 'for further work in bryophytes, ferns and gymnosperms and algae and that any further monies for bryophyte research to be known as the "V Sarafis Research Fund" with awards to commemorate the names of George Scott and Ilma Stone and that any funds for fossil botany research with awards to commemorate the name of Isabel Cookson and to apply funds for documentary movies of plant growth and development to be known as the "V Sarafis Fund for Living Wild Plant Movie Studies in their Environment" as far as possible'. The donor also made other dispositions to the University under this Will, including books, journals and papers on the subject of botany and agriculture, and his polarised light microscope. The donor, who died on 13 June</p>

		<p>2012, was a biologist, microscopist and physicist. He had a varied and extensive academic career which commenced in 1963 and included lectureships and professorships at various academic institutions both in Australia and overseas. Having opted for early retirement in 1997 to pursue his research interests, he held a number of senior honorary appointments at a range of academic institutions, including the University.</p> <p>Until its further determination, and in order to implement the trust terms, the University has determined-</p> <ul style="list-style-type: none"> • to establish a perpetual trust; • to make awards from the fund for research into bryophytes, ferns and gymnosperms and algae in memory of George Scott and Ilma Stone; • to make awards from the fund for fossil botany research in memory of Isabel Cookson; and • to otherwise apply the fund for research into bryophytes, pteridophytes, gymnosperms and algae from any standpoint. <p>The 'V Sarafis Research Fund' will be added to the Foundation's annual giving program, and be able to be supplemented by future donations.</p>
15	<p>(2014) THE FERN RESEARCH FUND Original Amount of Fund: \$14,000</p>	<p>By letter dated 25 November 2014, the Fern Society of Victoria Inc. ('donor') donated the sum of \$14,000 ('donation') to the Foundation to enable the establishment of a fund called 'The Fern Research Fund' to support postgraduate research in ferns, as the donor was being wound up and was distributing its remaining funds. The donor was established in 1979 and brought together persons interested in ferns and allied plants and promoted knowledge and interest in ferns and the conservation of ferns and their habitats. It is intended that The Fern Research Fund be added to the Foundation's annual giving program in order that further donations can be added to this fund on a regular basis.</p> <p>The donor has made the donation on the following trust terms:</p> <ul style="list-style-type: none"> • that 'The Fern Research Fund' is a perpetual trust, the income from which will provide annual support to a postgraduate student who is conducting research into ferns, and • if in any year there is no postgraduate student conducting research into ferns, to apply the income from the fund to the curatorial work on the fern

		collection in the Melbourne University Herbarium.
16	<p>(2016) UNIVERSITY OF MELBOURNE HERBARIUM FUND</p> <p>Original Amount of Fund: \$410,545.04</p>	<p>The University received a bequest from the estate of the late Michael Mavrogordato in 2016 to be divided equally between research into the classification of plants and of animals. It was determined that the amount for research into plants (\$200,545.04) could be used to establish a sub-fund within The University of Melbourne Botany Foundation (Fund) to support those activities of the University of Melbourne Herbarium (Herbarium) consistent with the conditions of the bequest. The University of Melbourne Botany Foundation provided an additional \$210,000 and further contributions may be added to the Fund over time.</p> <p>The Herbarium was established in 1926 in the School of Botany and from 2015 is in the School of Biosciences. The Herbarium is a research, teaching and cultural botanical collection of international and historical significance with an estimated 150,000 specimens of plants, algae and fungi. The Fund will support plant systematic and taxonomic research by staff or students associated with the Herbarium.</p> <p>Income from the Fund may be used for research costs including curation of the Herbarium's specimen collection. The income from the Fund will be applied by the dean of the faculty of Science, on the recommendation of the Foundation board of management, acting through the Head of the School of Biosciences and the Director of the Herbarium.</p>

17	<p>(2017) WOMEN IN SCIENCE OF THE ENVIRONMENT (WISE) FELLOWSHIP</p> <p>Original Amount of Fund: \$50,000</p>	<p>The University received a gift of \$50,000 (Gift) in 2016 from Associate Professor Jane Elith (Donor) being her cash award for winning the 2015 Prime Minister’s Frank Fenner Prize for Life Scientist of the Year. The Donor studied Agricultural Science at the University of Melbourne and continues at the University in research and teaching.</p> <p>The Gift is to establish, in perpetuity, the Women in Science of the Environment (WISE) Fellowship (Fund).</p> <p>The Donor made the gift on the following terms:</p> <ul style="list-style-type: none"> • The income of the Fund will provide an award to one or more female early career researcher(s) in ecology/environmental science in the School of Biosciences (or its successor), University of Melbourne. The award is to assist with the recipient’s careers and can be spent on costs associated with research, field work or conference travel including support for child minding. • Any unexpended income in any year may be retained as income and be available in any subsequent year for the purpose of the fund. • The fund can be added to from donations to the Foundation and be supplemented by donations. <p>In order to implement the terms and until further determination the University has determined:</p> <ul style="list-style-type: none"> • An awardee will be a female researcher with a PhD working in the field of ecology/environmental science. Preference will be given to a researcher focused on biodiversity or conservation. • Consideration may be given to support the candidates who have faced disadvantage in progressing their career. <p>The fellowship/s will be awarded on the recommendation of the Head of the School of Biosciences (or its successor) in consultation with one Professor of ecology or environmental science.</p>
----	---	---