



The Royal Society of Victoria
Promoting science since 1854 and polar science since 1874



THE ROYAL SOCIETY OF VICTORIA INC.

2012 Annual Report

THE ROYAL SOCIETY OF VICTORIA INCORPORATED

ABN 62 145 872 663

ANNUAL REPORT FOR THE YEAR ENDING 31st DECEMBER 2012

Council has the honour to present its report to Members upon the activities of the Society during its 156th year.

PATRON

The Hon. Alex Chernov AC, QC
Governor of Victoria

COUNCIL

OFFICE BEARERS

President	Prof. L. Selwood , MSc, PhD
Vice-President	Dr P. G. Thorne , BSc, PhD, DipPubPol, HonDEng(Melb), FACS
Immediate Past President	Prof. G. D. Burrows AO, CJCJ, BSc, MB, ChB, DPM, MD, FRANZCP, FRCPsych, MRACMA, DipMHLthSc(ClinHyp), FACHAM, DSc
Honorary Secretary	Dr W. D. Birch AM, BSc(Hons), PhD,
Honorary Treasurer	Mr N. P. Kennedy , BEng(ComEng), MSc(Comp)
Honorary Librarian	Dr T. A. Darragh , MSc, PhD, GradDipEd
Honorary Editor	Dr M. Familiar , BSc(Hons), PhD. DipEd
Honorary Archivist	Dr D. A. McCann , DipAppChem, DipEd, GradDipLib, MEnvSc, PhD
Honorary Research Secretary	Prof. S. M. Rees , BSc(Hons), MSc, MPhil, PhD, DSc

MEMBERS

Dr M. J. Ackland, MBBS, MPH FAFPHM
Dr D. M. Churchill, BSc, MA, IPAA, PhD
Mrs H. J. Gardiner, BA, Cert IV Workplace Training
Prof. P. Y. Ladiges AO, FAA, PhD, MSc, DipEd
Dr D. Lightfoot, PhD, MSc, DipMedTech,
Lt. Col. R. M. Lightfoot (Ret.), LLB, LLM, DipCivEng, DipElecEng, DipMechEng, BEMining (Hons), RFD, FIEAust
Prof. J. F. Lovering AO, FAA, FTSE, FGSAus, FGSAmerica, FRSV
Dr J. L. McBride, BSc(Hons), DipMeteor, MSc, PhD
Dr M. Williams, BSc, MSc, PhD
Mrs N. H. Williams, BSc, DipEd, MSc, FRACI

TRUSTEES

Dr D. M. Churchill, BSc, MA, IPPA, PhD
Dr A. Finkel AM, PhD, FTSE
Em. Prof. T. F. Smith AM, BSc(Hons), PhD, FTSE, FAIP, FInstPhys
Em. Prof. J. W. Warren, MA, PhD

RETURNING OFFICER

Em. Prof. J. W. Warren, MA, PhD

FELLOWS OF THE ROYAL SOCIETY OF VICTORIA

1995	David H. Ashton* Herbert H. Bolotin Phillip G. Law* Dewar W. Goode*
1996	Jerry M. Adams Clive K. Coogan* Suzanne Cory Sir Gustav Nossal Sir Arvi Parbo Graeme I. Pearman John A. Talent
1999	James M. Bowler Nancy F. Millis
2001	Yvonne Aitken* Martin R. Harris Barry O. Jones John F. Lovering
2004	Thomas A. Darragh Joyce R. Richardson
2005	Hilary J. Harrington Murray J. Littlejohn
2008	David V. Boger
2010	Milton T. W. Hearn

* Deceased

PRESIDENT'S REPORT

2012 has been a year for consolidation and implementation of the many reforms of financial and governance procedures begun in 2009. It has given me real pleasure to see the many improvements being applied.

Improving financial management and reporting has been one of the prime focuses of the RSV reforms. This has required major overhauls of the system and has led to such things as the chart of accounts being reduced from 14 pages to one, a significant increase in the transparency of the accounts, a conversion to an accrual system, monthly internal audits, annual random checks on Society assets and the inclusion of notes on any items in the statements that are not immediately obvious. More recently, the Treasurer, working with the Finance and Audit Committee, has prepared a Financial Management Plan, a Risk Register and an Investment Strategy to handle Society reserves and large donations to establish an income bearing Science Fund. The Honorary Auditor, Mr David Hindle has advised the Council on this whole reform process and we have been fortunate to have his advice and the constructive input from the Treasurer, Mr Norman Kennedy and the Administrative Officer (Finance), Mr Alex Tsakmakis and a number of members.

During 2011-2012, the Library contents were catalogued in such a form that the catalogue is available online making the Library accessible to scholars. Older more valuable books were identified and deposited in the State Library of Victoria. The Honorary Librarian, Dr Tom Darragh and Mr Malcolm Carkeek have worked tirelessly to complete these major achievements. Assembly of the Society records for archiving is in progress and Mr Carkeek expects that to be finalised in the next year or two.

Our beautiful 1859 building is both a blessing and a curse because it and the cottage cost around \$20,000 annually in maintenance and every ten years or so \$250,000 - \$450,000 has to be found for more major repairs and renovations. Getting funding from state and federal governments for this becomes more difficult each year and they are now expecting matching funding or only provide loans. As a result, the Society faces continuous financial challenges and much effort goes into fundraising in each year. The past year has been particularly difficult because the financial restrictions at a government and corporate level have meant that the rental income has been reduced. It was regrettable that after 60 years as tenants, RANZCOG moved to alternate premises due to office reorganisation.

In this environment, bequests, member donations and fund raising efforts have become very important. Member donations have provided for the re-upholstering of the chairs in the Council room, which were gifted to us by RANZCOG. Members have paid to upholster a named chair. Money raised from the provision of car parking over the garden show weekend, supervised by staff and councillors, and donations from members have supported the postgraduate student prizes. Relief in the services bill for hot water has been provided by Dr Diane Lightfoot, who donated the cost of solar panels for the hot water service. It is hoped that the establishment of a Science Fund from bequests and donations by members, most notably Dr Phillip Law will help to relieve some of this financial pressure. This fund has been set up to provide an income source about half of which will be used for support of the Society activities and Prizes and half will be used to build up the fund. Part of the income from Dr Law's bequest has been used to establish a Dr Phillip Law Post Doctoral Prize in the Physical Sciences that will have an inaugural year in 2013.

The Activities Committee, chaired by Prof. Sandra Rees, has worked tirelessly to provide an increased number of lectures to follow the ordinary meetings in 2012. This has allowed us to cover a broader range of scientific topics and the response from members has been very positive. In addition the Society with the Melbourne Sustainable Society Institute at the University of Melbourne ran a symposium on climate change science and its impacts on Victoria. The symposium, which was comprehensive and interesting, was preceded by a very well attended public lecture.

The Society's Proceeding which has been published since 1856 continues to publish both special issues, including in this year, the Cold Case Coroner's Report of some deaths on the Burke and Will's Expedition, and other manuscripts. Submissions are now online. The Publications Committee, chaired by Dr Mary Familiar, has been supported by the Honorary Managing Editor, Dr Peter Jell, who generously donated his honorarium to the Society.

The Society continues in its push to increase participation by younger members in the Society. The awarding of the postgraduate student prizes, has increased student membership and allows post graduate students the experience of presenting their work to a wider audience. The Membership Committee led by Dr John McBride and Dr Mark Williams dealt with the assessment and judging of candidates for these prestigious prizes. The Committee also initiated the Dr Philip Law Postdoctoral Prize in Physical Sciences in 2013.

The Society continues to enhance its effort to encourage more children to do science and to make more parents aware of the benefits of a scientific education. The Society became a major sponsor of the Science Talent Quest conducted by the Science Teachers' Association in 2011 and is proud to continue to do this in 2012 and in the future. The Society has launched a new initiative in 2012 with the Science in My World Programme that is dedicated to assisting in the delivery of science education to primary school aged children. We are grateful to Ms Pera Wells for her support in organising a fundraising lunch to attract corporate and other supporters of the programme. Mr Gary Morgan provided his restaurant Morgan's at 201 Collins Street as a venue for the lunch and we are grateful for his generous support. We were privileged to have the Chief Scientist, Professor Ian Chubb as the first speaker in this series of lunches. Funds raised were used to establish a web site to direct teachers to the variety of programmes available to facilitate their teaching of Science in the primary schools. Teacher support will also be provided in a trouble shooting web link in 2012. Some members have already offered to support this service and other members are encouraged to participate.

I am very grateful to the staff of the Society for their continued hard work and support. Mr James McArthur, Functions and Property Manager has managed to maintain rentals at a relatively high level despite large cut backs in government bookings. Mrs Janet Jackson continues to make a major contribution to office administration and support despite the increasing demands from her position in international lacrosse.

We will all be sorry to see the departure of our Executive Officer, Dr Robb Stanley. I wrote in detail about his contribution to the Society in a recent Newsletter, but I want to say here how much we have appreciated his efforts to reform Society governance and finances in addition to finalising the building renovations and supervising on-going maintenance. We wish him well in his retirement and hope that he finds that retirement will provide an interesting and stimulating environment.

THE HALL

It is pleasing to note that numerous organisations conducted over 306 meetings during the year.

METEOROLOGICAL OBSERVING SITE

The Commonwealth Bureau of Meteorology continued to rent the area at the corner of La Trobe and Victoria Streets adjoining the Society's Caretaker's cottage.

CITY OF MELBOURNE

The Council wishes to acknowledge with gratitude the continued maintenance and refurbishment of the grounds of the Society as part of The City of Melbourne's open space system.

ACKNOWLEDGMENTS

The Society's thanks and appreciation are due to those people and organisations that contributed their valuable assistance during the year, notably:

- ◇ Mr Andrew Blogg and Ms Sandra McColl, Honorary Solicitors
- ◇ Dr Peter Jell, Honorary Managing Editors
- ◇ Mr David Hindle, Honorary Auditor
- ◇ Mr Dodge Phoenix, Gardener
- ◇ The Ralton Group Ltd.
- ◇ Mr Greg Corbin, Architect
- ◇ Volunteer assistance with the Newsletter -Mr Leon Costermans, Mrs Barbara Day, Mr Ian Farnsworth, Mr Bill Fenner, Ms Maretta Frolley, Dr Diane Lightfoot, Mr Graham Miller, Dr Tom Mole, Mrs Elaine Muir and Mr Brian Simpson
- ◇ Volunteer assistance with archiving the Society's records and cataloguing the Library – Mr Malcolm Carkeek

ADMINISTRATION

Dr Robb Stanley	-	Executive Officer
Mr Alex Tsakmakis	-	Administration Officer - Finance (part time)
Mrs Janet Jackson	-	Administration Officer - Secretariat (part time)
Mr James McArthur	-	Functions and Property Manager

This Report is approved by Council for presentation to Members at the Annual General Meeting to be conducted Thursday, 28th March, 2013.

Lynne Selwood
President

2011 ANNUAL GENERAL MEETING

The 156th Annual General Meeting was convened on 29th March, 2012.

- The Officers and Councillors elected at the Ordinary Meeting held 8th March, 2012 were inducted for 2012.
- The Annual Report and Financial Statements for 2011 were received and adopted.
- Mr David Hindle, ACA, was appointed Honorary Auditor.

FUNDRAISING

The Society acknowledges the following Members for their generosity (post-nominals omitted).

Dr Neil Avery	Dr Mary Familiari	Dr Diane Lightfoot
Alan J. Berry	Leonard E. Fielding	Elizabeth R. Lightfoot
Dr W. D. Birch	Dr Donald F. Gaff	Lt. Col. Richard M. Lightfoot (Ret.)
Michael G. Bourne	Roy T. Hardcastle	John A. S. Link
Kenneth W. Bradley	Richard Harding	Dr Murray J. Littlejohn
Prof Graham Burrows AO	John E. Harrison	Prof John F. Lovering AO
Dr David M. Churchill	Dr Jane Hendtlass	James McConville
Ken R. Clayton	Walter Hesse	Graham D. Miller
Prof. Em. Harold Trevor Clifford	Peter W. Holbeach	Adel S. Mohamed
Dr Clyde E. Croft	Martin V. Jones	Dr Thomas Mole
Suzanne Daniel-Dreyfus	Robert M. Joy	Colleen Morris
Dr Robert W. Day	Dr Melinda Kemp	Dr Trevor C. Morton
J. Keith Dempster	Norman P. Kennedy	Dame Elisabeth Murdoch AC
Dr William T. Denholm	Dr Judith F. Kinnear	Duke W. M. Paine
Carol R. Ely	Prof Pauline Y. Ladiges	Dr Marinis Pirpiris

Bequest

Estate of James Ralph Howard \$125,000 (interim payment received).

Donations from Non-Members

Alchemy Trading Company Pty. Ltd., WA
Sovereign Order of St. John of Jerusalem

FOUNDATION COMMITTEE

Mr J. R. Evans (Chair), Dr W. D. Birch AM, Prof. G. D. Burrows AO KCSJ, Mr N. Kennedy,
Mrs C. McGlashen, Prof. L. Selwood, Dr P. G. Thorne

Corresponding members: Laureate Prof. P. Doherty AC PhD FAA FRS; The Hon. Dr B. O. Jones AO
FAA FAHA FTSE FRSA FRSV, Em. Prof. N. F. Millis AC PhD MBE FRSV

ACTIVITIES and SYMPOSIA COMMITTEE

Prof. S. Rees (Chair), Dr M. Ackland, Lt. Col. R. Lightfoot (Ret), Dr J. McBride, Mrs N. Williams

There was a general consensus amongst the membership that the lecture program should be extended as it is a core activity for the Society. Consequently a second lecture was scheduled for the fourth Thursday of the month in March, April, May, October and November. Joint lectures were held in 2012 with ATSE, the Geological society of Australia (Vic) and the Royal Historical Society. During the year we enjoyed excellent presentations on a wide range of scientific topics including Alzheimer's disease (Professor Ashley Bush); Planets, exoplanets and the search for extraterrestrial life (Professor Rachel Webster); Biological strategies for soil decontamination (Professor Leigh Ackland); Managing water (Professor Iven Mareels) and News from the Red Planet (Ms Marion Anderson).

The committee assisted in judging the Young Scientists Research prizes. In 2012 there were 43 entries

Annual Report 31st December 2012

in four categories: Physical Sciences (8), Biological Sciences (Human; 20), Biological Sciences (Non-human; 5), Earth Sciences (10). The entries were of a high standard; two candidates from each category gave a presentation to the Society. The winner in each section received \$1,000 and the runner-up \$500. A new award (\$2,000) has been announced for 2013, the Dr Phillip Law AC Royal Society Post-doctoral Award for the Physical Sciences (details on the RSV website). The award commemorates the generous bequest to the Society from the estate of Dr Philip Law AC.

In conjunction with the Melbourne Sustainable Society Institute (University of Melbourne), the RSV held a highly successful Public Lecture and Symposium. The free Public Lecture (20th September), "Addressing the Myths of Climate Change" was attended by approximately 300 people and the Symposium "Climate Change Science: Impacts and Adaptation for Victoria " (21st- 22ndSeptember) by 130 people. The response to the Public Lecture encouraged us to contemplate holding such lectures for the general public in future. Planning for the 2013 Symposium tentatively entitled, "Victoria`s Energy Future: possibilities and challenges", has commenced.

LECTURE SERIES

The Royal Society of Victoria and Geological Society of Australia Inc. (Victoria Division) A. W. Howitt Lecture

The ninth lecture entitled "The Secret Millennial History of Port Phillip Bay" was given by Dr G. R. Holdgate, School of Earth Sciences, University of Melbourne, on 12th July.

The Royal Historical Society of Victoria and the Royal Society of Victoria

Prof. Stephen Cordner, Forensic Medicine, Monash University entitled "The Ned Kelly Project – Bringing Science and History Together" on 25th October.

Joint Lecture with Australian Academy of Technological Sciences & Engineering, 14th June

Prof. Iven Mareels, Dean, Melbourne School of Engineering, University of Melbourne "Managing Water: A System Engineering Point of View"

Sandra Rees, Chair

FELLOWS COMMITTEE

Prof. L. Selwood (Chair), Dr W. D. Birch AM, Prof. G. D. Burrows AO CJCJ, Dr D. M. Churchill, Dr T. A. Darragh, Mr N. P. Kennedy, Prof. J. F. Lovering AO, Dr P. G. Thorne

No Fellowship was awarded in 2012.

MEMBERSHIP, MEDALS AND AWARDS COMMITTEE

Dr J. L. McBride (Chair), Dr M. Williams, Mrs H. J. Gardiner, Prof. P. Y. Ladiges, Prof. S. M. Rees, Prof. L. Selwood

The main activity undertaken by the Membership Committee was the running of the annual Young Scientist Research Prize which was held on the evening of 27th September 2012. As in previous years the quality of the entrants was excellent and all presentations were of a very high standard. The aim of this activity is to promote excellence in research by young scientists and to introduce younger scientists to the Royal Society of Victoria. Our thanks to Robb Stanley who organised the advertising of the event and managed the large number of entries.

The Membership Committee started work on evaluating the membership categories. The aim is to reduce the number of categories and be more targeted. It is planned to complete this work in the coming year.

The Research Medal selection and award was transferred to the Executive Committee.

Mark Williams, Chair

YOUNG SCIENTIST RESEARCH PRIZES were awarded as part of the Society's contribution to Science Week on 27th September. From a very impressive line-up of 43 nominations, the Committee recommended eight young scientists to present their excellent work to compete in the categories of Physical Sciences, Biological Sciences (Human), Biological Sciences (Non-Human) and Earth Sciences.

The prizes are supported by the E. D. Gill and Neil W. Archbold bequests and by generous donations from current Society Members; the Society supported the cost of the evening. The prizes were judged by Prof. Sandra Rees, Dr Mike Ackland, Prof. Pauline Ladiges AO, Prof. Lynne Selwood, Dr Bill Birch AM, Dr John McBride, Dr Mark Williams, Mrs Nicole Williams, Assoc. Prof. Roger Hughes and Lt. Col. Richard Lightfoot (Retd.)

The President, Prof. Lynne Selwood, presented \$1,000, a certificate, and membership of the Society for 2012 to the winners:

Biological Sciences (Human) Prize: **Stephanie Elise Simonds** for her research in “**Leptin, an Adipose Derived Hormone Causes the Development of Hypertension in Obesity, through Actions in the Brain; the Potential for Therapeutic Intervention?**”

Biological Sciences (Non-Human) Prize: **Daniel Ohlsen** for his research in “**Systematics, Taxonomy and Biogeography of the Largest Fern Family Australasia: Aspleniaceae**” *and* **Bastien Rochowski** for his research in “**Reproductive Biology of the Greeneye Spurdog (*Squalus chloroculus*) on the Continental Slope of South-eastern Australia**”

Physical Sciences Prize: **Sivacarendran Balendhran** for his research in “**Facile Synthesis of Layered Hexagonal MoS₂**”

Earth Sciences Prize: **Jozua van Otterloo** for his research in “**Understanding the Alternating Eruption Styles of Australia's Youngest Volcano, the Mt. Gambier Volcanic Complex SA (-5KA) and the Hazard Implications of Volcanism in Australia**”

This successful function can be further supported by Members if they wish to make a donation to the Young Scientist Research Prize Fund.

THE RESEARCH MEDAL FOR 2012

The Executive Committee was pleased to recommend to Council that **Professor Frank Caruso** be awarded the 48th Award Royal Society of Victoria 2012 Research Medal. The presentation to Professor Caruso was made by The Hon. Alex Chernov AC QC, Governor of Victoria and Patron of the Society, at the Society's meeting on 13th December, 2012.

Lynne Selwood, Chair

MEMBERSHIP 2012

Elected	79
Transfer to Life Membership	2
Resignations	25
Deaths	11
Removals (failure to pay subscription)	59
Total Membership	619

Corporate Members

Australian Delphi User Group Inc.
School of Philosophy (Melb) Inc.

VALE

The following deaths of Members are recorded with deep sympathy:

Haneef Badrudeen OAM

Jeffrey Charles Bird
Warren Bonythorn AO
W. Grainge Clarke
Dr Keith T. H. Farrer OBE
Dr Bruce D. Jeans
Emeritus Professor Nancy F. Millis AC MBE
Dame Elisabeth J. Murdoch AC DBE
Dr James A. Peterson
William H. Tetley
Maurice Edward Wills

FUTURE DIRECTIONS WORKING GROUP

Dr M. J. Ackland (Chair); Prof. G. D. Burrows AO; Prof. P. Y. Ladiges AO; Mrs N. H. Williams;
Dr R. O. Stanley; Dr B. Scarlett; Mr R. Gell; Mrs H. J. Gardiner; Prof. L. Selwood, Dr D. Lightfoot;
Dr W. D. Birch AM

The future directions working group has been focused on the development of a short promotional video for the Society. The intention is that this will be accessible to a wide audience utilising QR code technology. This is similar to a bar code and facilitates an automatic web link to the video by scanning the QR code with a smart phone equipped with a QR reader. The video is being produced with considerable pro bono support from Rob Gell, including all video production, editing and product roll-out.

- a) The theme of the QR coded video will be 'Science is all around us, part of our lives'. Its purpose will be to "attract people to science and the RSV". While the pitch will be to all age groups, there is likely to be an important spin off through an attraction to corporates and future potential sponsors.
- b) The identification and promotion of the Society in the video is in addition to the messages about science.
- c) The Interviewees who have accepted invitations to be interviewed are: Professor Pauline Ladiges (Botany); Professor John Long (Palaeontology); Professor G. McFadden (Botany – Infectious diseases); Mr Shiva Balendhran (2012 Young Scientist Research Prize winner – Physical Sciences); Ms Madelaine Willcox (2011 Young Scientist Research Prize winner – Earth Sciences); and Dr Sarah Ellis (Microscopy and Cancer – Peter Macallum). Interviewees have been asked to provide high resolution digital images for incorporation into the video - and many have already been received.

The working group is also planning to establish a process for modifying the design of the RSV's logo. The purpose will be to modernise the logo while retaining its historic and traditional "look". Work on this is on hold until such time as a new Executive Officer is appointed. Other matters also on hold due to resource constraints include running training sessions for the RSV Executive in writing press releases and building capacity to provide a more timely public / media response to matters of scientific importance to the community.

The Chair wishes to express his thanks to members of the working group for their ongoing interest and support, with special thanks to Rob Gell for his material contribution to the production of the QR promotional video.

Mike Ackland, Chair

PROCEEDINGS and PUBLICATIONS COMMITTEE

Dr M. Familiar (Chair), Dr D. M. Churchill, Dr D. Lightfoot, Dr J. L. McBride, Dr D. A. McCann,
Dr M. Williams

The committee is developing stringent guidelines for copyright and manuscript review. This process began in 2012 and will be completed by the end of 2013.

The committee had set the goal of reserving one issue of our journal for the proceedings of symposia, and we are pleased to report that the proceedings of the 'Fire and Biodiversity Symposium' were published as the first issue for 2012. The second issue of the Society's journal was a special edition, publishing the findings of Dr Jane Hendtlass, the Coroner presiding over the Mock Inquest into the death of Burke and Wills. The third issue contained ten peer-reviewed articles and two transactions.

Our Managing Editor, Dr Peter Jell, who contributed significantly to the successful publication of these three issues, has unfortunately submitted his resignation. We would like to sincerely thank Dr Jell for his work over the past year. We are now looking for a new Managing Editor and ask our members to let us know if they are aware of any suitably experienced persons.

The proceedings of 'The Climate Change Symposium' will be published as the first issue of our journal in 2013.

It has been an honour to work with my committee members over the last year and we say goodbye to Drs Doug McCann and Mark Williams. I sincerely thank both Doug and Mark for their valuable contributions to the Publications Committee and look forward to welcoming new members in 2013.

Mary Familiar, Honorary Editor

The list of papers included in Volume 124 (Numbers 1 and 2) follow.

VOLUME 124, NUMBER 1

A. MALCOLM MCGILL - Fire Regimes, Biodiversity Conservation and Prescribed Burning Programs

DAVID CHEAL – A Biological Basis for Planned Burning

RICHARD H. LOYN – Vertebrate Fauna and Fire Regimes: A Conceptual Model to Aid Fire Research and Management.

KEVIN G. TOLHURST – Fire Severity and Ecosystem Resilience – Lessons from the Wombat Effects Study (1984-2003)

SIMON J. WATSON, RICK S. TAYLOR, LISA SPENCE-BAILEY, DALE G. NEMO, SALLY KENNY, LUKE T. KELLY, ANGIE HASLEM, PETER GRIFFIOEN. KATE CALLISTER, LAUREN BROWN, SARAH AVITABILE, ANDREW F. BENNETT & MICHAEL F. CLARKE – Fire and its Interaction with Ecological Processes in Box-ironbark Forests

ALAN YORK – Invertebrates and Fire - Challenges and Opportunities for Conserving Biodiversity

BETH GOTT – Indigenous Burning and Evolution of Ecosystem Biodiversity

MIKE STEVENS, JOHN WHITE & RAYLENE COOKE – Short-term Impact of a Mega-fire on Small Mammal Communities During Prolonged Drought

ANDREW F. BENNETT, GREG J. HOLLAND, ANNA FLANAGAN, SARAH KELLY & MICHAEL F. CLARKE – Fire and Its Interaction with Ecological Processes in Box-ironbark Forests

TOM MAY & SAPHIRE J. M. MCMULLAN-FISHER – Don't be Afraid of the f-word: Prospects for integrating fungi into biodiversity monitoring

STEPHEN J. PLATT, SHANNON TRELOAR & GORDON FRIEND – Monitoring Fire and Biodiversity – Fire Monitoring Program of the Department of Sustainability and Environment

RICHARD J. WILLIAMS, CARL-HENRICK WAHREN, JAMES M. SHANNON, WARWICK A. PAPST, DEANE A. HEINZE & JAMES S. CAMAC – Fire Regime and Biodiversity in Victoria's Alpine Ecosystems

TRANSACTIONS

PHILIP INGAMELLS & LYNNE SELWOOD - Fire and Biodiversity in Victoria – Discussion Paper

VOLUME 124, NUMBER 2

Annual Report 31st December 2012

DAVID CARTWRIGHT – Studies of Australian *Hydrobiosella* Tillyard: a review of the species of *Hydrobiosella waddama* Moseley Group (Trichoptera: Philopotamidae)

CLEM EARP – *Monograptus thomasi* from Easts Lookout formation (Early Devonian), central Victoria

CLEM EARP – *Boucotia* (Brachiopoda: Notanopliidae) from Montys Hut Formation

IAN R. K. SLUITER & ROBERT F. PARSONS – Rare plants studies in northwestern Victoria: discovery, ecology and conservation status of a plant species new to the Victorian flora – *Hibiscus krichauffianus* (Malvaceae)

IAN D. ENDERSBY – The naming of Victoria's dragonflies (Insecta: Odonata)

WARREN DAVIES & DAYANTHI NUGEGODA – Harmful algal blooms in the Gippsland Lakes, Victoria: a review

STEVE J. SINCLAIR, MATT D. WHITE, JULIE MEDLEY, ERIN SMITH & GRAEME R. NEWELL – Mapping the past: constructing a digital land-use history map for Victoria, Australia

NICHOLAS S. G. WILLIAMS – Vegetation and floristics of four native grassland nature conservation reserves in western Melbourne

PAUL C. TER & JOHN ST. J. S. BUCKERIDGE – *Ophiomorpha beaumarisensis* isp. nov., a trace fossil from the late Neogene Beaumaris Sandstone is the burrow of a thalassinidean lobster

TRANSACTIONS

THOMAS A. DARRAGH – The death of William Blandowski

FRANK CARUSO – Engineering particles for therapeutic delivery: prospects and challenges

Volume 125 will be published in 2013.

OTHER PUBLICATIONS

Burke & Wills The Scientific Legacy of the Victorian Exploring Expedition edited by E. B. Joyce and D. A. McCann (Eds.)

Spiders and Scorpions Commonly Found in Victoria by K.L. Walker, A.L. Yen and G.A. Milledge

The Yarra: A Natural Treasure by D. Beardsell and C. Beardsell

Volcanoes in Victoria by W.D. Birch

Education, Antarctica, Marine Science and Australia's Future, Proceedings of the Phillip Law 80th Birthday Symposium

The Royal Society of Victoria from Then, 1854 to Now, 1959 by R.T.M. Prescott (reprinted)

Facsimile edition of The Inaugural Addresses of the First Presidents, Mr Justice Redmond Barry, President of The Victorian Institute for the Advancement of Science, and Captain Andrew Clarke, R.E., Surveyor General, President of The Philosophical Society

Facsimile edition of The Transit of Venus 1874 by R.L.J. Ellery

LIBRARY and ARCHIVES COMMITTEE

Dr T. A. Darragh (Chair), Dr D. A. McCann, Lt. Col. R. M. Lightfoot (Ret.), Mrs N. M. Williams

The final entries into the library catalogue electronic database to complete it were made by volunteer Malcolm Carkeek. All the books and journals held at the Society's hall are now readily accessible through the electronic catalogue which can be accessed from the computer in the Members' room. Books and journals transferred at the end of the year from Deakin University and accessible through Deakin library catalogue will be entered in 2013.

Early in the year, Deakin University Library, which housed the main collection of the Society's books and journals, formally gave notice in accordance with the library agreement that they no longer wished to

house the collection and that the Society would have to make alternative arrangements to house the collection and move it by the end of 2012. Discussions were held with other institutions with a view to finding another home, including offering the collection as a gift to the institution taking it over. These discussions proved fruitless and the Society was faced with disposal of the bulk of the serials by pulping. Fortunately a member of the Society generously offered to provide free accommodation for a limited time and transport to a warehouse to give the Society time to find a home or homes for the serial collection.

The monograph collection and some selected serials were moved to the Society's hall to be housed there. As there is insufficient space in the hall to house all the monographs, it was decided to dispose of unwanted items by sale to a local bookseller. The money raised from the sale will be used for library purposes, including binding of unbound publications.

The unbound volumes of the Society's *Proceedings* held in the library were bound and the binding brought up to date. There are two complete sets of *Proceedings* held in the library. One set is an archival set, held for safekeeping, and the other set is available for use in the library.

Malcolm Carkeek has continued sorting and listing the archival files held at the hall with a view to transferring them to the State Library to be held with the other Society documents.

Tom Darragh, Honorary Librarian

FINANCE and AUDIT COMMITTEE

Mr N. Kennedy, (Chair), Dr W. Birch AM, Prof. P. Ladiges AO, Lt. Col. R. Lightfoot (Ret.), Prof. L. Selwood.

The Finance and Audit Committee met monthly to review finances, develop a financial management plan, establish a risk register and conduct a random audit of the monthly accounts from February to December 2012.

HONORARY TREASURER

It is my duty to report to the Royal Society of Victoria's membership on the financial activities and financial performance of the Society over the last year. The annual financial statements and the auditor's statement for the current year are included in the annual report.

The Society has an operating deficit resulting from decreased rental income. The stated surplus of \$20,541 becomes a deficit once the income effect of the James Howard bequest \$125,000 (transferred straight to the car park fund) and expenditure effect of the non cash depreciation of \$67,553 are factored in the operational deficit becomes \$36,906.

Last year I said "the accounts show that we are largely dependent on the income received from hiring our building; we need a broader base of funding to guard against any drop in rentals" unfortunately my statement has greater impact this year.

On the income side rental makes up approximately 45% of our operational income in next year's budget down from 55% in the 2012 budget, membership dues contribute a further 23% and a draw down from the Science Fund and franking credits make up another 13%; total 81%. On the expenditure side approximately 60% of our operational costs are salaries.

This year, rental from the building decreased significantly, both regular and casual bookings, resulting in a reduction of \$43,898 compared to our budget. This was offset by a temporary increase in interest due to the holding of bequests before they were transferred into the RSV Science Fund. We have been notified that RANZCOG will be ceasing their lease of offices within the building effective 30 June 2013, they will pay up to that date; we are actively seeking a replacement tenant.

We established the Royal Society of Victoria Science Fund from the bequest of Dr Phillip Law AC and other RSV funds as a perpetual fund, we will retain the capital and only take a portion of the interest each year therefore allowing it to grow so that in future years we will be financially sustainable. Our financial advisor, Equity Trustees, has managed the fund governed by our investment mandate. The fund has grown over the last year and is now valued at \$1,006,097 of which \$690,182 (68.60%) is attributed to the bequest of Dr Phillip Law AC.

During the year we received an interim payment of a bequest (\$125,000) from the estate of James R Howard. Because the poor condition of the car park causes a loss of casual rentals, Council decided to set up a car park renovation fund rather than transfer the bequest straight to the RSV Science Fund. The car park renovation will include a number of commercial parks which will pay back the internal loan over a number of years. The repaid amount will then be deposited annually into the RSV Science Fund.

Members should note that the Building, as a non-realizable asset of the Society, is recorded in the statements valued in relation to rentals received. I am certain, based on the relevant titles and legislation, that this is the correct course of action. It was my intention to commission a formal valuation of the building and the cottage this year; however we were not able to find a valuer skilled in heritage buildings at a reasonable cost.

We continue to maintain a strong focus on fiscal prudence and our internal audit activities have included a verification of the asset register, monitoring of the risk register and a monthly audit of expenditure to ensure that all accounts are correctly authorised and processed. This year a review was conducted of the RSV office processes and IT systems on a pro-bono basis by the major consulting firm SMS management and technology. The review showed no cause for concern and contained a number of suggestions for improvement which will be considered by the FAC over the next year.

We are actively seeking to diversify our funding sources building on the successful garden show car parking; we plan a Becker Calendar in 2014 and a sponsored Symposium in 2013. The campaign to seek bequests during the year is an example of such an activity, I urge you to consider making a bequest to the Society.

Lastly, I would like to thank my very helpful and active Finance and Audit Committee, and also acknowledge the support received from our Financial Administrative Officer and the Executive Officer.

Norman Kennedy, Honorary Treasurer

The Royal Society of Victoria Inc. (a Non-reporting Association) Financial Report for the Year Ended 31 December 2012

Your council members submit the financial report of The Royal Society of Victoria Inc. (a Non-reporting Association) for the financial year ended 31 December 2012

PATRON

The Hon. Alex Chernov AC, QC
Governor of Victoria

COUNCIL OFFICE BEARERS

President	Prof. L Selwood, MSc, PhD
Vice-President	Dr P G Thorne, BSc, PhD, DipPubPol, HonDEng(Melb), FACS
Immediate Past President	Prof. G D Burrows AO, KCSJ, BSc, MB, ChB, DPM, MD, FRANZCP, FRCPsych, MRACMA, DipMHLthSc(ClinHyp), FACHAM, DSc
Honorary Secretary	Dr W D Birch AM, BSc(Hons), PhD
Honorary Treasurer	Mr N P Kennedy, BEng(Commun), MSc(Comp)
Honorary Librarian	Dr T A Darragh, PhD
Honorary Editor	Dr M Familiari, BSc(Hons), PhD
Honorary Archivist	Dr D A McCann, DipAppChem, DipEd, GradDipLib, MEnvSc, PhD
Honorary Research Secretary	Prof. S M Rees, BSc(Hons), MSc, MPhil, PhD, DSc

MEMBERS

Dr M J Ackland, MBBS, MPH FAFPHM
Dr D M Churchill, BSc, MA, AIIM, PhD
Mrs H J Gardiner, BA, DipEd
Prof. P Y Ladiges AO, FAA, PhD, MSc, DipEd
Dr D Lightfoot, PhD
Lt. Col. R M Lightfoot (Ret.), LLB, LLM, DipCivEng, DipElecEng, DipMechEng, BEMining (Hons), RFD, FIEAust
Prof. J F Lovering AO, FAA, FTSE, FGSAus, FGSAmerica, FRSV
Dr J L McBride, BSc(Hons), DipMeteor, MSc, PhD
Dr M Williams, BSc, MSc, PhD
Mrs N H Williams, BSc, DipEd, MSC, FRACI

TRUSTEES

Dr D M Churchill, BSc, MA, IAIM, PhD
Dr A Finkel AM, PhD, FTSE
Em. Prof. J W Warren, MA, PhD
Em. Prof. T F Smith AM, BSc(Hons), PhD, FTSE, FAIP, FInstPhys

RETURNING OFFICER

Em. Prof. J W Warren, MA, PhD

The Royal Society of Victoria Inc (a Non-reporting Association)

Principal Activities

The principal activities of the Society during the financial year were the promotion and advancement of pure and applied science and technology.

Significant Changes

No significant change in the nature of these activities occurred during the year.

Operating Result

The net income of the Society amounted to \$20,541 .

Signed in accordance with a resolution of the Members of the Council.

.....
Professor Lynne Selwood

.....
Mr Norman Kennedy

Dated this 28th day of March 2013

The Royal Society of Victoria Inc (a Non-reporting Association)

INCOME STATEMENT FOR THE YEAR ENDED 31 DECEMBER 2012

	Note	2012 \$	2011 \$
INCOME			
Members' subscriptions		76,105	79,561
Rental Income		176,695.	206,832
Sales – Memorabilia, Publications & Proceedings		19,708	29,927
Donations and Bequests	10	164,633	668,970
Sponsorships and Grants	11	5,455	46,175
Other Income		37598	37,951
Dividends		14,205	12,318
Interest		<u>18,133</u>	<u>10,618</u>
		<u>512,532</u>	<u>1,092,352</u>
EXPENDITURE			
Accommodation and Travel		213	3,193
Advertising and Promotion		555	-
Audit – Honoraria		1,000	1,000
Bank charges		1,776	1,837
Catering		19,237	19,318
Cleaning & Consumables		6,843	6,309
Depreciation	16	67,553	34,565
Donations & Science Prizes		8,420	6,600
Electricity and gas		8,572	7,899
Equipment Repairs and Replacements		3,132	7,531
Events – Hire Costs		1,000	2,240
Filing Fees		42	42
Insurance		19,085	24,323
Legal Expenses		4,073	3,146
Long Service Leave		9,366	1,441
Office expenses		29,576	46,297
Proceedings		17,513	18,873
Professional Services	12	7,679	46,236
Publications , Coins & Stamps		4,388	14,761
Repairs and Maintenance		15,767	17,142
Sundry Expenses		6,352	5,699
Superannuation		20,601	20,582
Wages		237,656	216,504
Work cover		1,592	1,099
Total Expenditure		491,991	506,637
Net Income	16	20,541	585,715
NET PROFIT		20,541	585,715

The Royal Society of Victoria Inc (a Non-reporting Association)
INCOME STATEMENT FOR THE YEAR ENDED 31 DECEMBER 2012

	Note	2012	2011
		\$	\$
RETAINED EARNINGS AT THE BEGINNING OF THE FINANCIAL YEAR		1,728,294	1,142,579
RETAINED EARNINGS AT THE END OF THE FINANCIAL YEAR		1,748,835	1,728,294

The Royal Society of Victoria Inc (a Non-reporting Association)

BALANCE SHEET AS AT 31 DECEMBER 2012

	NOTE	2012	2011
		\$	\$
CURRENT ASSETS			
Cash and cash equivalents	2	232,206	410,802
Trade and other receivables	3	24,595	14,181
Stock – Publications, Coins and Stamps	4	53,339	55,339
Prepayments and Security Deposits		<u>150</u>	<u>150</u>
TOTAL CURRENT ASSETS		<u>310,290</u>	<u>480,472</u>
NON-CURRENT ASSETS			
Financial assets	5	1,006,097	644,328
Building and Improvements	6	4,598,013	4,706,312
Property, plant and equipment	7	2,370,934	2,425,699
Library	8	<u>86,805</u>	<u>86,805</u>
TOTAL NON-CURRENT ASSETS		<u>8,061,849</u>	<u>7,863,144</u>
TOTAL ASSETS		<u>8,372,139</u>	<u>8,343,616</u>
CURRENT LIABILITIES			
Trade and other payables		25,209	19,213
Membership Subscriptions in Advance		32,855	31,275
Other provisions	9	<u>22,827</u>	<u>13,461</u>
TOTAL CURRENT LIABILITIES		<u>80,891</u>	<u>63,949</u>
TOTAL LIABILITIES		<u>80,891</u>	<u>63,949</u>
NET ASSETS		<u>8,291,248</u>	<u>8,279,667</u>
Retained profits		1,748,835	1,728,294
Reserves :			
Investment Revaluation Reserve	13	189,799	74,509
Library Revaluation Reserve		86,805	86,805
Burkes & Wills Collection Revaluation	14	2,225,000	2,225,000
Building and Improvements Revaluation Reserve	15	4,168,050	4,292,300
Write down Fixtures, Fittings		(127,241)	(127,241)
TOTAL MEMBERS' FUNDS		<u>8,291,248</u>	<u>8,279,667</u>

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2012

NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES

This financial report is a special purpose financial report prepared in order to satisfy the financial reporting requirements of the Associations Incorporation Act Victoria. The council has determined that the association is not a reporting entity.

The following significant accounting policies, which are consistent with the previous period unless otherwise stated, have been adopted in the preparation of this financial report.

a. Income Tax

The Society is a tax exempt body.

b. Fixed Assets

An inventory of fixed assets was undertaken during the 2011 year and values established for assets physically in existence. The values reported reflect a realisable or replacement cost. Depreciation has been applied to these assets from 1st January 2011.

The building and improvements have been paid for by the Society over its lifetime. However, it should be noted that the building is constructed on land which is not owned by the Society. The land is owned by Trustees pursuant to statute. In view of this, it may bring into question the ability of the Society to realise this asset at the value which has now been recorded in its financial statements.

Building and improvements are being amortised over forty years, in accordance with accounting practices. This period has been deemed to commence from 1st January 2010 on the basis that at this time, the restoration works had been completed. The amortisation to be written off the Building & Improvements Revaluation Reserve.

c. Provisions

Provisions are recognised when the association has a legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured. Provisions are measured at the best estimate of the amounts required to settle the obligation at reporting date.

d. Cash and Cash Equivalents

Cash and cash equivalents includes cash on hand, deposits held at call with banks, and other short-term highly liquid investments with original maturities of three months or less.

e. Revenue and Other Income

Revenue is measured at the fair value of the consideration received or receivable.

Interest revenue is recognised when received.

All revenue is stated net of the amount of goods and services tax (GST).

f. Goods and Services Tax (GST)

Revenues, expenses and assets are recognised net of the amount of GST. Receivables and payables in the balance sheet are shown inclusive of GST.

g. Investments

Investments held are originally recognised at cost which includes transaction costs. The investments are now reported at market value.

The Royal Society of Victoria Inc (a Non-reporting Association)

NOTE 2: CASH AND CASH EQUIVALENTS

	2012	2011
	\$	\$
Cash on Hand	-	-
Cash at Bank	232,085	410,582
Petty Cash	<u>121</u>	<u>220</u>
	<u>232,206</u>	<u>410,802</u>

NOTE 3: TRADE AND OTHER RECEIVABLES

	\$	\$
Sundry debtors	<u>24,595</u>	<u>14,181</u>

NOTE 4: STOCK – Publications, coins and stamps

	\$	\$
Publications	51,072	53,072
Coins and Stamps	<u>2,267</u>	<u>2,267</u>
	<u>53,339</u>	<u>55,339</u>

NOTE 5: FINANCIAL ASSETS

	\$	\$
i. Discretionary Share portfolio Ralton Asset Management Ltd at Market Value (Cost 2011 \$129,000)	-	203,779
ii. Share Portfolio & Other Investments (Cost 2011 \$440,819) (Includes funds from Phillip Law Bequest)	-	440,549
iii. Investment Portfolio - Equity Trustees – The Royal Society of Victoria Sciences Fund At Market Value (Cost \$ 823,826)	<u>1,006,097</u>	<u>-</u>
	<u>1,006,097</u>	<u>644,328</u>

NOTE 6: BUILDING AND IMPROVEMENTS

Building and Improvements – At Valuation	4,540,000	4,540,000
Building Restoration Costs	<u>429,962</u>	<u>414,012</u>
	4,969,962	4,954,012
Less Amortisation	<u>(371,949)</u>	<u>(247,700)</u>
	<u>4,598,013</u>	<u>4,706,312</u>

The Royal Society of Victoria Inc (a Non-reporting Association)

NOTE 7 PROPERTY, PLANT & EQUIPMENT

Fixtures and Fittings, Paintings ,Office Equipment	396,332	385,750
Less Accumulated Depreciation	(296,793)	(237,343)
Paintings – At Valuation	19,818	19,818
Less Accumulated Depreciation	(396)	(198)
Office Equipment At Cost	44,781	42,575
Less Accumulated Depreciation	(34,513)	(27,796)
Cottage Assets at Cost	16,797	16,797
Less Accumulated Depreciation	(1,749)	(909)
	-	-
Catering Equipment At Cost	2,322	2,322
Less Accumulated Depreciation	(665)	(317)
	-	-
Burke & Wills Collection at Valuation (2011)	<u>2,225,000</u>	<u>2,225,000</u>
	<u>2,370,934</u>	<u>2,425,699</u>

NOTE 8: LIBRARY

	2012	2011
	\$	\$
Library At Independent Valuation (2011)	<u>86,805</u>	<u>86,805</u>

NOTE 9 OTHER PROVISIONS

Long Service Leave	<u>22,827</u>	<u>13,461</u>
--------------------	---------------	---------------

NOTE 10 DONATIONS

This item includes a bequest of \$125,000 (2011\$625,171) being cash funds and investments transferred to the society

NOTE 11 SPONSORSHIP & GRANTS

This item includes a grant of \$ nil (2011 \$45,449)from the State Library of Victoria towards the costs of digitization which are included in the professional services expenses item.

NOTE 12 PROFESSIONAL SERVICES

This item includes fees relating to

1)The Cost of Digitization	-	45,449
2)Sundry Fees	<u>7,678</u>	<u>787</u>
	<u>7,678</u>	<u>46,236</u>

NOTE 13 INVESTMENT REVALUATION RESERVE

Balance 31 st December 2011	74,509	97,837
Less Increase (Decrease) in market value of investments -		
Discretionary Share Portfolio - Ralton	13,493	(23,058)
From Phillip Law bequest – Investment Portfolio	-	270
RSV Sciences Fund	<u>101,797</u>	<u>-</u>
Balance 31 st December 2012	<u>189,799</u>	<u>74,509</u>

The Royal Society of Victoria Inc (a Non-reporting Association)

NOTE 14 BURKE & WILLS COLLCECTION REVALUATION:

The Burke & Wills collection owned by the Society and held by the State Library of Victoria was independently valued during the 2011 year

NOTE 15 BUILDINGS AND IMPROVEMENTS RESERVE

This item Comprises

Revaluation increment	4,540,000	4,540,000
Less Amortisation	<u>371,950</u>	<u>247,700</u>
	<u>4,168,050</u>	<u>4,292,300</u>

NOTE 16 OPERATING RESULT

The surplus of income over expenditure for the year of 20,541 includes the following significant items:

- i. Income :
Donations includes the bequest of \$125,000 referred in Note 10 above.
- ii. Expenditure:
Includes the non cash expense item of depreciation of non current assets of \$67,553 The increase in this item results from the decision referred to in Note 1(b) where depreciation is now being brought to account following the inventory of fixed assets undertaken in 2010 financial year.

The Royal Society of Victoria Inc (a Non-reporting Association)

STATEMENT BY MEMBERS OF THE COUNCIL

The council has determined that the association is not a reporting entity and that this special purpose financial report should be prepared in accordance with the accounting policies outlined in Note 1 to the financial statements.

In the opinion of the council the financial report as set out on pages 1 to 9

1. Presents a true and fair view of the financial position of The Royal Society of Victoria Inc (a Non-reporting Association) as at 31 December 2012 and its performance for the year ended on that date.
2. At the date of this statement, there are reasonable grounds to believe that The Royal Society of Victoria Inc (a Non-reporting Association) will be able to pay its debts as and when they fall due.

This statement is made in accordance with a resolution of the council and is signed for and on behalf of the council by:

President

Professor Lynne Selwood

Treasurer

Mr Norman Kennedy

Dated this 28th day of March 2013

Report on the Financial Report

We have audited the accompanying financial report, being a special purpose financial report, of The Royal Society of Victoria Inc (a Non-reporting Association) (the association), which comprises the balance sheet as at 31 December 2012 and the income statement for the year then ended, a summary of significant accounting policies, other explanatory notes and the statement by members of the committee.

Committee's Responsibility for the Financial Report

The committee of the association is responsible for the preparation and fair presentation of the financial report and have determined that the accounting policies described in Note 1 to the financial statements, which form part of the financial report, are consistent with the financial reporting requirements of the Associations Incorporation Act and are appropriate to meet the needs of the members. The committee's responsibilities also include designing, implementing and maintaining internal control relevant to the preparation and fair presentation of the financial report that is free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility

Our responsibility is to express an opinion on the financial report based on our audit. No opinion is expressed as to whether the accounting policies used, as described in Note 1, are appropriate to meet the needs of the members. We conducted our audit in accordance with Australian Auditing Standards. These Auditing Standards require that we comply with relevant ethical requirements relating to audit engagements and plan and perform the audit to obtain reasonable assurance whether the financial report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial report in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the committee, as well as evaluating the overall presentation of the financial report.

The financial report has been prepared for distribution to members for the purpose of fulfilling the committee's financial reporting under the Associations Incorporation Act. We disclaim any assumption of responsibility for any reliance on this report or on the financial report to which it relates to any person other than the members, or for any purpose other than that for which it was prepared.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Independence

In conducting our audit, we have complied with the independence requirements of Australian professional ethical pronouncements.

Auditor's Opinion

In our opinion, the financial report of The Royal Society of Victoria Inc (a Non-reporting Association) presents fairly, in all material respects the financial position of Association (Non-reporting) Inc as of 31 December 2012 and of its financial performance for the year then ended in accordance with the accounting policies described in Note 1 to the financial statements and the Associations Incorporations Act with the following exceptions:-

Name of firm: David Hindle & Associates

Name of Principal: David Hindle ACA

Address: Suite 1, 25-41 Redwood Drive, Dingley VIC 3172

Dated this 28th day of March 2013

The Royal Society of Victoria Inc (a Non-reporting Association)

CERTIFICATE BY MEMBERS OF THE COUNCIL

I, William Birch AM of 9 Gladstone Street, Windsor, Victoria 3181, and I, Graham Burrows AO of 140 Church Street, Richmond, Victoria 3121 certify that:

- a. We are members of the Council of The Royal Society of Victoria Inc (a Non-reporting Association).
- b. We attended the annual general meeting of the association held on 28th March 2013.
- c. We are authorised by the attached resolution of the committee to sign this certificate.
- d. This annual statement was submitted to the members of the society at its annual general meeting.

Dated this 28th day of March 2013

.....

.....

THE ROYAL SOCIETY OF VICTORIA COUNCIL 2013-2014	
DR WILLIAM D. BIRCH AM BSc(Hons) PhD	PRESIDENT
PROF. PAULINE Y. LADIGES AO FAA PhD MSc DipEd	VICE-PRESIDENT
DR MARK WILLIAMS BSc MSc PhD	HON. SECRETARY
MR NORMAN P. KENNEDY BEng(ComEng) MSc(Comp)	HON. TREASURER
DR THOMAS A. DARRAGH MSc PhD Grad DipEd	HON. LIBRARIAN
DR MARY FAMILARI BSc(Hons) PhD DipEd	HON. EDITOR
MR MALCOLM A. C. CARKEEK BA	HON. ARCHIVIST
PROF. SANDRA M. REES BSc(Hons) MSc MPhil PhD DSc	HON. RESEARCH SECRETARY
PROF. LYNNE SELWOOD MSc PhD	IMMEDIATE PAST PRESIDENT
DR MICHAEL J. ACKLAND MBBS MPH FAFPHM	COUNCILLOR
PROF. GRAHAM D. BURROWS AO CJCJ BSc MB ChB DPM MD GradDipMHlthSc(Clinical Hypnosis) DSc FRANZCP FRCPsych MRACMA FACHAM	COUNCILLOR
DR DAVID M. CHURCHILL BSc MA IPAA PhD	COUNCILLOR
MRS HELEN J. GARDINER BA CertIV Workplace Training	COUNCILLOR
DR DIANE LIGHTFOOT DipMedLabTech MSc PhD	COUNCILLOR
LT. COL. RICHARD M. LIGHTFOOT (Retd.) LLB LLM DipCivEng DipElecEng DipMechEng BEMining(Hons) RFD FIEAust	COUNCILLOR
MR JOHN S. LINK MechEngDip	COUNCILLOR
PROF. JOHN F. LOVERING AO FAA FTSE FGSAus FGSAmerica FRSV	COUNCILLOR
DR JOHN L. McBRIDE BSc(Hons) DipMeteor MSc PhD	COUNCILLOR
DR PETER G. THORNE BSc PhD DipPubPol HonDEng(Melb) FACS	COUNCILLOR
THE HON. ALEX CHERNOV AC QC Governor of Victoria	PATRON