



Newsletter of the Weed Society of Victoria Inc.

volume 24 issue 1 2013

# Weedscene

## The 47th AGM Seminar

*Many ways to manage a weed — and why you should care*

The theme for this year's April AGM seminar is *Many ways to manage a weed*. Weed management is an exciting place to be – *exhilarating*, because of the new approaches pervading in the field, but *enervating*, because weed management is an unending activity, with inexhaustible enemies, and seemingly diminishing resources made available to its practitioners.

It is this air of uncertainty that lent the buzz to last year's 18th Australasian Weed Conference in Melbourne, centred on *Developing solutions to evolving weed problems*. It will be impossible to recapture 18AWC in its entirety, but *Many ways...* promises to be a summation of points raised in the conference, and more importantly, it will cast these points in a localised context.

**Professor John Forster** opens the seminar with the prospect of cross-fertilisation between molecular plant breeding and weed control research. Genetically-modified crops are now a mainstay of Australian agriculture, but the risk of herbicide-resistant transgenes moving into related weeds has been long recognised (Gressel, 2000). However, related species also bear more similar genes than distantly-related species, and our understanding of weed genetics may be automatically boosted by molecular work on crop improvement, an area that Prof Forster is intimate with.

**Greg Lafoe** and **Matt Stephenson** next discuss how bridal creeper was successfully tackled by community adoption of a rust fungus biocontrol agent. Australia has made much headway in engaging Landcare groups in conservation and weed control, and this is no small matter. Public opposition has thwarted weed control programs (Selge *et al.* 2011), and 'public buy-in' is one thing weed managers should keep in mind.

**Anthony Kachenko** illustrates how the nurseries may reduce the risk of ornamental plants 'jumping the garden fence,' by creating national plant labelling guidelines for consumer education. Nursery imports form the bulk of naturalised plants and weeds in Australia: of the 2779 introduced species now established here, 1831 (66%) are garden escapes (Groves *et al.*, 2005).

It is unlikely that resources be amassed to address all introduced species, and a system of prioritisation can dedicate time and money to the most noxious ones. Here, **John Thorpe** explains how initiatives at Commonwealth level such as Weeds of National Significance (WoNS: see *Weedscene* Vol 23 Issue 2) help authorities manage weed profiles, and raise public awareness of pernicious weeds.

Four WoNS have invaded Victorian waterways: alligator weed *Alternanthera philoxeroides*, sagittaria *Sagittaria*

*platyphylla*, salvinia *Salvinia molesta*, and water hyacinth *Eichhornia crassipes*. Lotic weeds readily spread by propagule dispersal, while lentic ones threaten to dominate water bodies. **Tony Dugdale** updates us on these weeds, and what has been done to control them.

Legislation lends much-needed muscles to weed management. In Australia, however, the division of jurisdiction on weed regulation following a three-tiered government (local, State, and Commonwealth) has led to inconsistent approaches to weed management (Williams and West 2000). The recent reviews of weed legislation in Victoria are an encouraging sign that the State Government recognises the complexities and loopholes in these legislative pieces (see *Weedscene* Vol 23 Issue 3). Learn about changes to the Roadside Weeds and Pest Act from **Nigel Ainsworth**, and about the new Invasive Species Management legislation from **Will de Milliano**.

As **Andrew Cox's** abstract did not reach us in time for inclusion in the seminar flyer, we reproduce it in full here:

***Weeders need more powerful advocates***

Responding to the weed crisis needs more than research and action on the ground.

Like other major environmental advances, the institutional, legal and policy changes and resources needed to effectively respond

*Continued on page 3/...*

# WSV Directory

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### WSV Membership Rates 2012-13

Concession*	\$20.00
Ordinary	\$55.00
Corporate	\$130.00

\* Students and Pensioners

WSV is not registered to collect GST

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**COVER PHOTO:** *Hordeum marinum* (courtesy Rob Richardson)

## Joining the Weed Society of Victoria

The benefits of membership to WSV include:

- Weedscene: newsletter packed full of information
- eWeedscene: regular electronic bulletin on weed news and events
- Discounts to WSV seminars, workshops, conferences and other events
- Opportunities to network with others.

To apply for membership, download and print the membership application form from the WSV website, [www.wsvic.org.au](http://www.wsvic.org.au), complete the details and mail to the WSV Secretary.

## Weedscene Newsletter of the Weed Society of Victoria Inc.

Contributions to Weedscene are welcomed. Please contact the editor for further information.

Readers are free to circulate and reproduce Weedscene material with acknowledgment of the author and source.

The views expressed in Weedscene are those of the contributors and are not necessarily shared by the WSV Executive Committee.

## Advertising rates

■ One sixth page	56 mm wide × 128 mm high	\$90.00
■ Quarter page	180 mm wide × 64 mm high	\$135.00
■ Half page	180 mm wide × 128 mm high	\$275.00
■ Whole page	180 mm wide × 257 mm high	\$450.00

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[www.weedinfo.com.au](http://www.weedinfo.com.au)

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to weed threats require coordinated advocacy. In these days of government shrinkage and budget slashing, weed reform needs strong community voices more than ever. But it is not a hot button community issue spurring street marches and petitions. Weed practitioners, including in government and academia, have been at the vanguard of driving change in the past, and are essential to advocacy efforts today. The Invasive Species Council challenges the view that those in government or academia should remain narrow in their role and refrain from involvement in advocacy – they too are part of the community and have in-depth knowledge of the need for reform. We appeal for weed

practitioners in all domains to consider how they can best support advocacy efforts for weed reforms.

We look forward to seeing you at the 47th Weed Society of Victoria AGM Seminar.

### Disclaimer

*This article is meant only as a guide. Presenters and presentation contents may change after this newsletter has been published.*

**Further reading** (\* denotes that a PDF version is available freely on the Web)

\*Gressel, J. (2000) Molecular biology of weed control. *Transgenic Research*, 9(4): 355–382.

\*Groves, R.H., Boden, R., and Lonsdale,

W.M. (2005)

*Jumping the garden fence: Invasive garden plants in Australia and their environmental and agricultural impacts.* CSIRO report prepared for WWF Australia, WWF Australia, Sydney.

\*Selge, S., Fischer, A., and van der Wal, R. (2011) Public and professional views on invasive non-native species — a qualitative social scientific investigation. *Biological Conservation*, 144(12): 3089–3097.

Williams, J.A. and West, C.J. (2000) Environmental weeds in Australia and New Zealand: Issues and approaches to management. *Austral Ecology*, 25(5): 425–444.



## WSV 47th Annual General Meeting and Seminar Thursday 18 April 2013

**AgriBio Centre, La Trobe University, Bundoora. Go to: [www.wsvic.org.au](http://www.wsvic.org.au)**

The one seminar to attend (if you'll excuse the spruik). There are a host of attractions – ready access, DPI's spanking new research facility, the catering – but the best is our seminar theme: *Many ways to manage a weed*. Showcasing diverse topics on weed management scenarios, protocols and legislation, there is something for everyone.

### Getting there:

- 5 Ring Road, Bundoora, Vic 3086 – Melways Map Reference 19 H8
- Driving: Some roads on the campus are gated. It is probably easiest to use La Trobe University South Entrance (Waterdale Road)
- Public transport: Look up buses and tram to La Trobe University, and take the university internal shuttle bus at the bus station





## PROXY FORM

I, (a) ..... appoint

(b) .....

as my proxy to represent me at the AGM on Thursday 18 April 2013 and vote on any motion as he/she sees fit.

Signed ..... Date ..... / ..... / .....

(a) Name of financial member wishing to vote (non-financial members votes excluded).

(b) Insert name of member attending meeting to whom proxy is delegated.

## NOMINATION FORM *To join the 2013 WSV Committee*

**All positions are vacant and nominations are required for the elections to be held at the AGM on Thursday 18 April 2013 at the AgriBio Centre, Latrobe University, Bundoora**

Name of nominee .....

Address .....

Phone: ..... Email: .....

For the position of (please mark):

- ☐ **PRESIDENT**
- ☐ **VICE PRESIDENT**
- ☐ **SECRETARY**
- ☐ **TREASURER**
- ☐ **PUBLICITY OFFICER**
- ☐ **NEWSLETTER EDITOR**
- ☐ **GENERAL COMMITTEE**

Name of nominator .....

Signature of nominator ..... Date ..... / ..... / .....

Name of seconder .....

Signature of seconder ..... Date ..... / ..... / .....

***NOMINATIONS CAN ONLY BE MADE BY FINANCIAL MEMBERS*** Please note – you are welcome to nominate yourself and to ask a member of the Society to second your application for a position.

**Please send or email your nomination by Monday 15 April 2013 to:**

The Secretary, Ros Shepherd, Weed Society of Victoria, PO Box 987, Frankston, Victoria 3199  
Email [secretary@wsvic.org.au](mailto:secretary@wsvic.org.au) Phone 03 9576 2949



# The Weed Society of Victoria Inc. Constitution



## 1. NAME

The name of the Society shall be 'The Weed Society of Victoria'.

## 2. OBJECTS

The objects for which the Society is established are:

- a) To promote wider interest in weeds and their control.
- b) To provide opportunities for those interested in weeds and their control, to exchange information and ideas based on research and practice.
- c) To encourage the investigation of all aspects of weeds and weed control.
- d) To co-operate and, where appropriate, affiliate with other organisations engaged in related activities in Australia and overseas.
- e) To encourage the study of weed science and the dissemination of its findings.
- f) To produce and publish such material as considered desirable.
- g) To foster the development of an Australia-wide Weeds Organisation.

## 3. MEMBERSHIP

- a) Membership shall be of three classes 'ordinary', 'honorary' and 'corporate body', and shall be open to those individuals and corporate bodies respectively who are interested in weeds.
- b) Honorary members may be elected from persons who, in the opinion of the Executive Committee have made major contributions to the objects of the Society and shall have the same rights as ordinary members.
- c) Corporate body members may nominate one representative to the Society who shall have the same rights as an ordinary member.
- d) Applications for membership shall be considered by the Executive Committee and any person or corporate body who is approved by resolution passed by two-thirds majority as being suitable for election shall be regarded as a member.
- e) Any member wishing to withdraw from the Society shall give written notice to the Honorary Secretary on or before 31st December of the then current year. The resignation of such member shall be accepted upon receipt of such notice provided all subscriptions and dues have been paid by the member up to the end of the financial year.

## 4. SUBSCRIPTIONS

Each ordinary member and each corporate body member shall pay an entrance fee and thenceforth an annual subscription which shall be fixed at the Annual General Meeting for the current year. The subscription shall be payable annually and shall fall due on the first day of March. In the event of the subscription being one year in arrears membership shall lapse. Before any person can be re-elected to membership all arrears in subscription shall be paid.

## 5. EXECUTIVE COMMITTEE

- a) The Executive Committee shall consist of a President, the Immediate Past President, a Vice-President, a Secretary, a Treasurer, a Publicity Officer and four other members the Society.
- b) The management of the Society shall be vested in the Executive Committee.
- c) Other than the Immediate Past President the members of the Executive Committee shall be elected at the Annual General Meeting. They shall be eligible for reselection except that the office of President shall not be

held by any one person for more than two consecutive terms.

- d) The Executive Committee shall have the power to fill a casual vacancy in its membership.
- e) The Executive Committee shall have the power to co-opt members for specific purposes.
- f) A quorum for the executive committee shall be five (5).

## 6. QUORUM AT GENERAL MEETINGS

1. No item of business may be conducted at a general meeting unless a quorum of members entitled under these Rules to vote is present at the time when the meeting is considering that item.
2. Five members personally present (being members entitled under these Rules to vote at a general meeting) constitute a quorum for the conduct of the business of a general meeting.
3. If, within half an hour after the appointed time for the commencement of a general meeting, a quorum is not present:
  - (i) in the case of a meeting convened upon the request of members – the meeting must be dissolved; and
  - (ii) in any other case-the meeting shall stand adjourned to the same day in the next week at the same time (unless another place is specified by the by the Chairperson at the time of the adjournment or by written notice to members given before the day to which the meeting is adjourned) at the same place.
4. If at the adjourned meeting the quorum is not present within half an hour after the time appointed for the commencement of the meeting, the members personally present (being not less than three) shall be a quorum.

## 7. NOTICE OF GENERAL MEETINGS

1. The Secretary of the Society, at least 14 days, or if a special resolution has been proposed at least 21 days, before the date fixed for holding a general meeting of the Society, must cause to be sent to each member of the Society, a notice stating the place, date and time of the meeting and the nature of the business to be conducted at the meeting.
2. Notice may be sent:
  - (i) by prepaid post to the address appearing in the register of members; or
  - (ii) if the member requests, by facsimile transmission or electronic transmission.
3. No business other than that set out in the notice convening the meeting may be conducted at the meeting.
4. A member intending to bring any business before a meeting may notify in writing, or by electronic transmission, the Secretary of that business, who must include that business in the notice calling the next general meeting.

## 8. VACANCIES

The office of an officer of the Society, or of an ordinary member of the committee, becomes vacant if the officer or member:

- a) ceases to be a member of the organisation, or
- b) becomes insolvent under administration within the meaning of the Corporations Act; or
- c) resigns from office by notice in writing given to the Secretary.



## 9. MEETINGS

The Executive Committee shall convene and hold an Annual General Meeting within five months of the end of the Financial Year, which is deemed the last day of

February of each year; and such other meetings as it may consider necessary. The Executive Committee shall convene a Special General Meeting if so required by requisition in writing by at least ten (10) financial members. A quorum for an Annual General Meeting shall be fifteen (15), for a meeting of the executive meeting it shall be five (5).

## 10. PRESIDING AT GENERAL MEETINGS

1. The President, or in the President's absence, the Vice President, shall preside as Chairperson at each general meeting of the Society.
2. If the President and Vice President are absent from a general meeting, or are unable to preside, the members present must select one of their number to preside as Chairperson.

## 11. ADJOURNMENT OF MEETINGS

1. The person presiding may, with the consent of a majority of members present at the meeting, adjourn the meeting from time to time and place to place.
2. No business may be conducted at an adjourned meeting other than the unfinished business from the meeting that was adjourned.
3. If a meeting is adjourned for 14 days or more, notice of the adjourned meeting must be given in accordance with rule 12.
4. Except as provided in subrule 3, it is not necessary to give notice of an adjournment or of the business to be conducted at an adjourned meeting.

## 12. VOTING AT GENERAL MEETINGS

1. Upon any question arising at a General meeting of the Society, a member has one vote only.
2. All votes must be given personally or in proxy.
3. In the case of inequality of voting on a question, the Chairperson of the meeting is entitled to exercise a second or casting vote.
4. A member is not entitled to vote at a general meeting unless all moneys due and payable by the member of the Society has been paid, other than the amount of the annual subscription payable in respect of the current financial year.

## 13. POLL AT GENERAL MEETINGS

1. If at a meeting a poll on any question is demanded by not less than 3 members, it must be taken at that meeting in such manner as the Chairperson may direct and the resolution of the poll shall be deemed to be a resolution of the meeting on that question.
2. A poll that is demanded on the election of a Chairperson or on a question of an adjournment must be taken immediately and a poll that is demanded on any other question must be taken at such time before the close of the meeting as the Chairperson may direct.

## 14. MANNER OF DETERMINING WHETHER RESOLUTION CARRIED

If a question arising at a general meeting of the Society is determined on a show of hands:

- a) a declaration by the Chairperson that a resolution has been-
  - (i) carried; or
  - (ii) carried unanimously; or
  - (iii) carried by a particular majority; or
  - (iv) lost; and
- b) an entry to that effect in the minute book of the Society- is evidence of the fact, without proof of the number or proportion of the votes recorded in favour of, or against, that resolution.

## 15. PROXIES

1. Each member is entitled to appoint another member as a proxy by notice given to the Secretary no later than 24 hours before the time of the meeting in respect of which the proxy is appointed.
2. The notice appointing the proxy must be:
  - a) for a meeting of the Society convened under rule 18 (7), in the form set out in Appendix 1; or
  - b) in any other case, in the form set out in Appendix 2 of the Model Rules book.

## 16. FUNDS

1. The Treasurer of the Society must:
  - a) collect and receive all moneys due to the Society and make all payments authorised by the Society; and
  - b) keep correct accounts and books showing the financial affairs of the Society with full details of all receipts and expenditure connected with the activities of the Society.
2. All cheques, drafts, bills of exchange, promissory notes and other negotiable instruments must be signed by two members of the committee.
3. The funds of the Society shall be derived from entrance fees, annual subscriptions, donations and such other sources as the committee determines.

## 17. DISPUTES AND MEDIATION

1. The grievance procedure set out in this rule applies to disputes under these rules between:
  - a) A member and another member or
  - b) A member and the Society.
2. The parties to this dispute must meet and discuss the matter in dispute and, if possible, resolve the dispute within 14 days after the dispute comes to the attention of all the parties.
3. If the parties are unable to resolve the dispute at the meeting, or if a party fails to attend the meeting, then the parties must, within 10 days, hold a meeting in the presence of a mediator.
4. The mediator must be:
  - a) A person chosen by agreement between the parties; or
  - b) In the absence of agreement:
    - (i) in the case of a dispute between a member and another member, a person appointed by the committee of the Society, or
    - (ii) in the case of a dispute between member and the Society, a person who is a mediator appointed or employed by the Dispute Settlement Centre of Victoria (Department of Justice).
5. A member of the Society can be a mediator.
6. The mediator cannot be a member who is party to the dispute.
7. The parties to the dispute must, in good faith, attempt to settle the dispute by mediation.
8. The mediator, in conducting the mediation must:
  - a) Give the parties to the mediation process every opportunity to be heard; and
  - b) Allow due consideration by all parties of any written statement submitted by any party; and
  - c) Ensure that natural justice is accorded to the parties to the dispute throughout the mediation process.
    - (i) The mediator must not determine the dispute.
    - (ii) If the mediation process does not result in the dispute being resolved, the parties may seek to resolve the dispute in accordance with the act, otherwise at law.

## 18. DISCIPLINE, SUSPENSION AND EXPULSION OF MEMBERS

1. Subject to these Rules, if the committee is of the opinion that a member has refused or neglected to comply with these Rules, or has been guilty



of conduct unbecoming a member or prejudicial to the interests of the Society, the committee may by resolution:

- a) suspend that member from membership of the Society for a specified period; or
  - b) expel that member from the Society; or
  - c) fine that member an amount not exceeding \$500.
2. A resolution of the committee under subrule (1) does not take effect unless:
- a) at a meeting held in accordance with subrule (3), the committee confirms the resolution; and
  - b) if the member exercises a right of appeal to the Society under this rule, the Society confirms the resolution in accordance with this rule.
3. A meeting of the committee to confirm or revoke a resolution passed under subrule (1) must be held not earlier than 14 days, and not later than 28 days, after notice has been given to the member in accordance with subrule (4).
4. For the purposes of giving notice in accordance with subrule (3), the Secretary must, as soon as practicable, cause to be given to the member a written notice:
- a) setting out the resolution of the committee and the grounds on which it is based; and
  - b) stating that the member, or his or her representative, may address the committee at a meeting to be held not earlier than 14 days and not later than 28 days after the notice has been given to that member; and
  - c) stating the date, place and time of that meeting; and
  - d) informing the member that he or she may do one or both of the following:
    - (i) attend that meeting;
    - (ii) give to the committee before the date of that meeting a written statement seeking the revocation of the resolution; and
  - e) informing the member that, if at that meeting, the committee confirms the resolution, he or she may, not later than 48 hours after that meeting, give the Secretary a notice to the effect that he or she wishes to appeal to the Society in general meeting against the resolution.
5. At a meeting of the committee to confirm or revoke a resolution passed under subrule (1), the committee must:
- a) give the member, or his or her representative, an opportunity to be heard; and
  - b) give due consideration to any written statement submitted by the member; and
  - c) determine by resolution whether to confirm or to revoke the resolution.
6. If at the meeting of the committee, the committee confirms the resolution, the member may, not later than 48 hours after that meeting, give the Secretary a notice to the effect that he or she wishes to appeal to the Society in general meeting against the resolution.
7. If the Secretary receives a notice under subrule (6), he or she must notify the committee and the committee must convene a general meeting of the Society to be held within 21 days after the date on which the Secretary received the notice.
8. At a general meeting of the Society convened under subrule (7):
- a) no business other than the question of the appeal may be conducted; and
  - b) the committee may place before the meeting details of the grounds for the resolution and the reasons for the passing of the resolution; and
  - c) the member, or his or her representative, must be given an opportunity to be heard; and
  - d) the members present must vote by secret ballot on the question whether the resolution should be confirmed or revoked.
9. A resolution is confirmed if, at the general meeting, not less than two-thirds of the members vote in person, or by proxy, in favour of the

resolution. In any other case, the resolution is revoked.

## 19. AMENDMENTS TO THE CONSTITUTION

The constitution may be amended only at a General Meeting of which at least twenty one (21) days notice in writing shall have been given to members. A proposed amendment to the constitution shall be submitted in writing to the Secretary and shall require to be supported in writing by at least five (5) financial members.

## 20. AUDIT

Accounts shall be kept of all monies received and expended by the Society. An auditor who shall not be a member of the Executive Committee and who may or may not be a member of the Society shall be appointed annually at the Annual General Meeting and shall be eligible for reselection. A statement showing the financial position of the Society examined and certified by the auditor shall be laid before the Annual General Meeting.

## 21. REGISTER OF MEMBERS

1. The Secretary must keep and maintain a register of members containing:
  - a) the name and address of each member, and
  - b) the date on which each member's name was entered on the register.
2. The register is available for inspection free of charge to any member upon request.
3. A member may make a copy of entries in the register.

## 22. CUSTODY AND INSPECTION OF BOOKS AND RECORDS

1. Except as otherwise provided in these Rules, the Secretary must keep in his or her custody or under his or her control all books, documents and securities of the Society.
2. All accounts, books, securities and any other relevant documents of the Society must be available for inspection free of charge by any member upon request.
3. A member may make a copy of any accounts, books, securities and any other relevant documents of the Society.

## 23. BY-LAWS

The Society shall compile such by-laws and/or standing orders as may be desirable for the operations of the Society.

### *Honorary membership of Weed Society of Victoria*

1. The person shall have served on the committee for a minimum of six (6) years and/or shall have been active in promoting or executing weed control activities over at least a fifteen (15) year period.
2. The person must be widely recognised as a leader in weed control matters over an extended period and/or for at least fifteen (15) years prior to the nomination. Honorary membership should be viewed as something of distinction, and only bestowed on active weed control persons who have interstate, national and preferably international standing.
3. There shall only be five honorary members at any one time, unless the committee deems otherwise through extraordinary circumstances.
4. All nominations with justifications seconded by two people are to be in writing. The nominators must be financial members of the Society. The committee's decision is final.

## 24. WINDING UP

In the event of the winding up or the cancellation of the incorporation of the Society, the assets of the Society must be disposed of in accordance with the provisions of the Act.

continued overleaf/...



## APPENDIX 1 FORM OF APPOINTMENT OF PROXY FOR MEETING OF SOCIETY CONVENED UNDER RULE 18(7)

I, (name)  
of (address)  
being a member of (name of Incorporated Society)  
appoint (name of proxy holder)  
of (address of proxy holder)  
being a member of that Incorporated Society, as my proxy to vote on my behalf  
at the appeal to the general meeting of the Society convened under rule 18(7),  
to be held on (date of meeting) and at any adjournment of that meeting.  
I authorise my proxy to vote on my behalf at their discretion in respect of the  
following resolution: [insert details of resolution passed under rule 18(1)]  
Signed \_\_\_\_\_ Date \_\_\_\_\_

## APPENDIX 2 FORM OF APPOINTMENT OF PROXY

I, (name)  
of (address)  
being a member of (name of Incorporated Society)  
appoint (name of proxy holder)  
of (address of proxy holder)  
being a member of that Incorporated Society, as my proxy to vote on my behalf  
at the \*annual/\*special general meeting of the Society to be held on (date of  
meeting) and at any adjournment of that meeting.  
My proxy is authorised to vote \*in favour of/\*against the following resolution:  
[insert details of resolution]  
Signed \_\_\_\_\_ Date \_\_\_\_\_  
\*Delete if not applicable

# 2012 WSV Financial Members list

Isabella Amouzandeh	Holmesglen College of TAFE	Rob Richardson
Alex Arbuthnot	Leila Huebner	Katrina Roberg
Ian Bate	John Illingworth	James Robertson
Kate Blood	Lawrie Jackel	James Rose
James Booth	Rebecca James	Michael Rouch
John Burley	Karl Jesser	Royal Society of Victoria
Geoff Carr	Paul Jones	Luke Sandham
Robert Chinn	Rodney Jones	Marianne Sawyer
Harry Combella	Maree Keenan	Rob Scott
Crop Science Society of SA	Nick Kelly	Barbara Setchell
Ray Danks	Lincoln Kern	Adam Shalekoff
Judith Dinsdale	Chris Knight	Ros Shepherd
Tim Dowling	Kevin Krake	Shane Smith
John Dwyer	Jacinta Langdon	Gavin Snowdon
European Weed Research Soc.	Ann Lawrie	S. African Weed Science Society
Ian Faithfull	Greg Lefoe	Jackie Steel
Carolyn Ferguson	Mick Lumb	Matthew Stephenson
Gaye Gadsden	Franz Mahr	Stephen Stewart
Ratnapriya Gajaweera	Brett McGennissen	Norm Stone
Quenton Gay	Lyn Meredith	Elsbeth Swan
Bonnie Gelma	Adam Merrick	Peter Symes
Rebecca Grant	Lisa Minchin	Tasmanian Weed Society
Grassland Society of SA	Les Mitchell	Duncan Thomas
Charles Grech	Michael Moerkerk	John Thorp
Ian Grenda	Tom Morley	VicRoads
Sander Groeneveld	NZ Plant Protection Society	Sally Waller
Richard Groves	Michael Noble	Daryl Wallis
Michael Hansford	Kate O'Bryan	Weed Management Soc. of SA
Cindy Hauser	James O'Brien	Weed Society of NSW
Greg Healy	Arthur Paul	Weed Society of Queensland
Rosemary Henderson	Garrique Pergl	Greg Wells
Emma Hill	Plant Protection Society of WA	Bridie Wetzell
Gerry Ho	Sethu Ramasamy	Peter Wilcock



# From the President



speakers from invasive animal projects, as well as weed projects. Stay tuned for more information on this. There will be a call for abstracts in the coming months.

Michael Hansford  
President

April 2013 is almost upon us, and I'd really like to see as many of you as possible attend the Weed Society of Victoria's annual seminar on 18th of April 2013 at AgriBio Centre, La Trobe University Bundoora: 'Many Ways To Manage a Weed'. And there will also be the option of attending the AGM while you are there. It's your Society. By attending the AGM you can help influence the direction of the Society by voting for Committee members, even put yourself forward to be a committee member, or offer to assist or participate in some way for the coming year.

Looking further ahead, 2014 will see the return of the Weed Society of Victoria's Biennial Victorian Weeds Conference. Many of you will remember the last conference in this series. It was in Geelong in 2009, and earlier conferences were at Bendigo. These conferences are a great opportunity to showcase weed projects with a main emphasis on Victoria, and are great opportunities for networking. The next Biennial Victorian Weeds Conference will be in May 2014. At this stage, it is likely that the location will be Geelong, and it is intended that the conference will include

## Diary

### 18th International Conference on Aquatic Invasive Species

21–25 April 2013, Niagara Falls, Ontario, Canada

Go to: [www.icaais.org](http://www.icaais.org)

Not exactly on terrestrial weeds, but weed scientists and invasion biologists are indebted to scientific advancements brought about by research on freshwater and marine invasive species. Horizon broadening, and the Falls is possibly a plus factor, too.

### 16th European Weed Research Society (EWRS) Symposium

24–27 June 2013, Samsun, Turkey.

Go to: [www.ewrs2013.org](http://www.ewrs2013.org)

Covers all things weedy: biology, ecology, chemical and chemical-free weed control, herbicide resistance, and more in a lovely setting on the Black Sea coast.

### 12th Queensland Weed Symposium

15–18 July 2013, Harvey Bay, QLD.

Go to: [www.QWS2013.com](http://www.QWS2013.com)

The symposium theme is *Weeds* —

*everyone's business*, and presenters will share their stories on threat management, working smarter, new technologies, and why partnerships beat weeds.

### New Zealand Plant Protection Society (NZPPS) Conference 2013

13–15 August 2013, Napier, New Zealand.

Go to: [www.nzpps.org](http://www.nzpps.org)

### 17th NSW Biennial Weeds Conference

9–12 September 2013, Corowa, NSW

Go to: [www.nswweedsconference2013.com](http://www.nswweedsconference2013.com)

*Weeds have no boundaries!* — and on this theme, neither should you! Do make it a point to cross the Murray and listen to our neighbour's weed problems and solutions.

### 12th International Conference on the Ecology and Management of Alien Plant Invasions (EMAPI)

22–26 September 2013, Pirenópolis, Brazil.

Go to: [www.emapi2013.org](http://www.emapi2013.org)

Encompassing all aspects of research and policies on alien plant invasions, sessions

will articulate research methods, invasion pathways, management, governmental policies, population dynamics, genetic structure, and more.

### 24th Asian-Pacific Weed Science Conference

22–25 October 2013, Bandung, Indonesia.

Go to: [www.apwss2013.com](http://www.apwss2013.com)

The theme for this conference is *The role of weed science in supporting food security by 2020*, and delegates will learn about weedy threats and risks, sustainable weed management, and the economics of weed control pertaining to the Asian-Pacific region.

### XIVth International Symposium on Biological Control of Weeds

2–7 March 2014, Kruger National Park, South Africa

Go to: [www.isbcw2014.uct.ac.za](http://www.isbcw2014.uct.ac.za)

### 4th International Symposium on Weeds and Invasive Plants

18–23 May 2014, Montpellier, France

Go to:

[www.ansespro.fr/invasiveplants2014/](http://www.ansespro.fr/invasiveplants2014/)

# News

## WSV: The fact is, there is no fax

We will disconnect our fax line in April 2013. Please refer to the *WSV Directory* on page 2 of this newsletter for our contact details.

## CAWS: Weeds Travel Awards 2013

The Council of Australasian Weed Societies (CAWS) offers travel awards each year, both to postgraduate students working on weed-related research projects, and also to researchers working in the area of weed science who are just starting their career. Applications for these close 1st May. Find out more about the awards and download an application form on the CAWS web site.

*For students:*

[www.caws.org.au/studentaward.php](http://www.caws.org.au/studentaward.php)

*For young scientists:*

[www.caws.org.au/earlycareer.php](http://www.caws.org.au/earlycareer.php)

## WSV: 5th Biennial Conference

The Weed Society of Victoria will be holding the Fifth Biennial Conference in early May 2014 at Geelong, on invasive species — plants and animals. Call for abstracts will go out by June, but if you are interested in presenting, please contact the Secretary with your name and email address, paper title and abstract as soon as you can.

If you are interested in being a sponsor, please contact us ASAP too. Please refer to the *WSV Directory* on page 2 of this newsletter for our contact details.

## WSV: WSV Weed Prize winners

Each year, the WSV awards a Weed Collection Prize to undergraduates from the University of Melbourne.

The 2012 winners are:

Erin Arnott, Mollie Garton and Dudley Bibby from Longerenong College; and Duncan Thomas from Dookie College.

We reproduce here Duncan's acceptance letter.

Dear Weed Society of Victoria

I must apologise for the very long time that it has taken me to reply and to thank you for your prize. I have recently taken on a full-time cadetship at a pasture seed research company, which is why it had taken me that long to reply, as I have been busy learning the names and traits of different pasture varieties in my spare time.

I am currently studying a science degree at the University of Melbourne, majoring in agricultural science. I plan to finish this course in June 2013, after which I would like to gain experience and expertise as a research agronomist, focusing on pasture systems in Victoria, and dry-land sheep and beef production in particular.

I grew up on a farm near Ararat where some of my family have been heavily involved in Landcare groups. When I was 13 I entered boarding school in Melbourne, but kept a strong connection to the farm. While at school I was interested in environmental science, and I wanted a fulfilling career which combined both office and field work. At that time, however, I was not given encouragement to pursue a career in agriculture. I therefore began my science degree majoring in civil engineering, but changed my mind when I learned about the amazing opportunities in agriculture, an area that I felt strongly about.

Food security is a global concern, but it also presents an opportunity for Australia's agricultural sector to be a key contributor of both produce and new technologies. I am excited to join an industry that has such promise, but also the responsibility, to feed growing populations.

Again thank you for your award, and I look forward to meeting and learning from WSV members.

*Duncan Thomas*

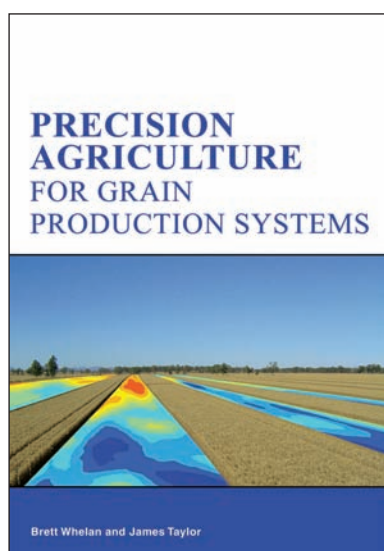
# Bookshelf

## Precision Agriculture for Grain Production Systems

by Brett Whelan and James Taylor

Published by CSIRO Publishing,  
paperback, 208 pages.  
ISBN 978-06-431-0747-2

Price: \$AU89.95. Available April 2013.  
[www.publish.csiro.au](http://www.publish.csiro.au)



Precision Agriculture (PA) is an approach to managing the variability in production agriculture in a more economic and environmentally efficient manner. It has been pioneered as a management tool in the grains industry, and while its development and uptake continues to grow amongst grain farmers worldwide, a broad range of other cropping industries have embraced the concept. This book explains general PA theory, identifies and describes essential tools and techniques, and includes practical examples from the grains industry.

Readers will gain an understanding of the magnitude, spatial scale and seasonality of measurable variability in soil attributes, plant growth and environmental conditions. They will be introduced to the role of sensing systems in measuring crop, soil and environment variability, and

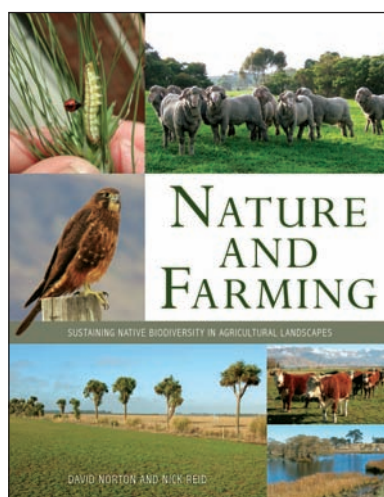
discover how this variability may have a significant impact on crop production systems. *Precision Agriculture for Grain Production Systems* will empower crop and soil science students, agronomy and agricultural engineering students, as well as agronomic advisors and farmers to critically analyse the impact of observed variation in resources on crop production and management decisions.

## Nature and Farming: Sustaining Native Biodiversity in Agricultural Landscapes

by David Norton and Nick Reid

Published by CSIRO Publishing,  
paperback, 304 pages.  
ISBN 978-06-431-0325-2

Price: \$AU69.95. Available April 2013.  
[www.publish.csiro.au](http://www.publish.csiro.au)



Conserving and enhancing native biodiversity on farms brings many benefits as well as providing many challenges. *Nature and Farming* explains why it is important to sustain native plants and animals in agricultural landscapes, and outlines the key issues in developing and implementing practical approaches to safeguarding native biodiversity in rural areas.

The book considers the range of ecological and agricultural issues that determine what native biodiversity occurs in farmland and how it can be secured. Many inspiring case studies are presented where innovative approaches towards integrating biodiversity and farm management have been successful, resulting in win-win outcomes for both nature and society. In the integration and synthesis of these case studies lies the kernel of a new paradigm for nature conservation on farms. Although the book focuses on biodiversity conservation on Australian and New Zealand farms, the issues and approaches discussed are applicable to many other developed countries, especially in Europe and North America.

## Weed Anatomy

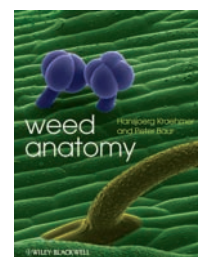
by Hansjoerg Kraehmer and Peter Baur

Published by John Wiley & Sons Inc.,  
hardcover, 504 pages.  
ISBN 978-0-470-65986-1

Price: \$AU380.00.  
Available April  
2013. [au.wiley.com](http://au.wiley.com)

The anatomy of plants is generally well understood, but the examples used for explanations in most books are often restricted to non-weed species. Weeds have many features that make them more competitive, for example enabling them to more quickly recover after herbicide treatment. Some of these adaptations include rhizomes, adapted roots, tubers and other special structures. Until now, no single book has concentrated on weeds' anatomical features. A comprehensive understanding of these features is, however, often imperative to the successful implementation of many weed control measures.

Beautifully and comprehensively illustrated, in full colour throughout, *Weed*





*Anatomy* provides a comprehensive insight into the anatomy of the globally-important weeds of commercial significance.

Commencing with a general overview of anatomy, the major part of the book then includes sections covering monocotyledons, dicotyledons, bracken and horsetails, with special reference to their anatomy. Ecological and evolutionary aspects of weeds are also covered and a number of less common weeds such as *Adonis vernalis*, *Caucalis platycarpus* and *Scandix pecten-veneris* are also included.

## Flora of the Otway Plain and Ranges 2

by Enid Mayfield, Geelong Botanic Gardens

Published by CSIRO Publishing, paperback, colour illustrations, 436 pages. ISBN 9780643098060

Price: \$AU59.95. Available April 2013. [www.weedinfo.com.au](http://www.weedinfo.com.au)



This visually superb and informative field guide is the second volume of Flora of the Otway Plain and Ranges, and covers more than 480 species of daisies, heaths, peas, saltbushes, sundews, wattles and other shrubby and herbaceous dicotyledons. The illustrated family key is unique and covers 75 families and over 200 genera. Each species is illustrated and labels provide a clear key to identification for botanists and amateurs alike.

The Otway region of Victoria, with its temperate rainforests, mountain ash forests, heathlands, plains and coastal dunes, has an extraordinarily rich and diverse flora.

Flora of the Otway Plain and Ranges 1 was published in 2010.

### About the author

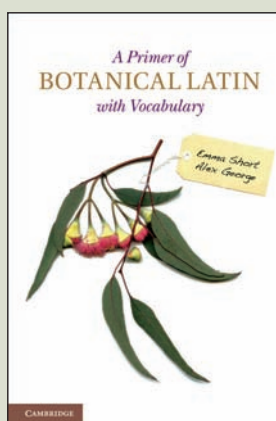
Enid Mayfield is an illustrative researcher based at the Geelong Botanic Gardens. She has wide experience in developing and writing innovative curriculum. Her illustrations appear in scientific publications including the Flora of Victoria and the Flora of Australia. She has worked as an artist at the National Herbarium of Victoria and is an Honorary Associate of the Royal Botanic Gardens Melbourne.

## A Primer of Botanical Latin with Vocabulary

by Emma Short (Northern Territory University, Darwin) and Alex George, (Murdoch University, Western Australia)

Published by Cambridge University Press, paperback, 102 tables and 21 exercises. ISBN 9781107693753

Price: \$AU24.99. Available April 2013. [www.weedinfo.com.au](http://www.weedinfo.com.au)



Latin is one of two acceptable languages for describing new plants, and taxonomists must be able to translate earlier texts in Latin. Providing a simple explanation of Latin grammar along with an in-depth vocabulary, this is an indispensable guide

for systematic botanists worldwide. All relevant parts of speech are discussed, with accompanying examples as well as worked exercises for translating diagnoses and descriptions to and from Latin. Guidelines for forming specific epithets are also included. The authors cross-reference their grammar to Stearn's Botanical Latin and to articles in the International Code of Nomenclature for Algae, Fungi and Plants. The comprehensive vocabulary is enhanced with terms from recent glossaries for non-flowering plants – lichens, mosses, algae, fungi and ferns – making this an ideal resource for anyone looking to hone their understanding of Latin grammar and to translate botanical texts from the past 300 years.

### Features

- Covers basic Latin grammar only to the level required by botanists, bridging the gap between total lack of knowledge and the complex and theoretical detail of other guides.
- Features worked exercises and examples of translating to and from Latin – ideal for use both in independent study and as part of coursework.
- Includes a comprehensive vocabulary, enhanced with terms for non-flowering plants, making this a unique and practical guide for botanists worldwide.

**Review** The classical work Botanical Latin by W.T. Stearn has been a standard reference work for nearly 50 years, but it is not a starting point for those without prior knowledge of Latin. The new book by Emma Short and Alex George is derived from classes given separately by both authors, and the informal style is reflected in the very readable text. As one reads it, one can almost hear the careful explanations being given to the classes. The past experience of the authors - one in working on major taxonomic databases at Kew and the other as a leading figure in Australian botany including being editor of the Flora of Australia – ensures a very high pedigree for the book. It will stand alongside Stearn's work as an essential tool for many botanists for years to come.

R.K. Brummitt  
Royal Botanic Gardens, Kew