



# ADVANCED PLANT IDENTIFICATION SKILLS FOR RESEARCH AND ENVIRONMENTAL ASSESSMENT

*Centre for Ecosystem Science and John T. Waterhouse Herbarium  
University of New South Wales in collaboration with AMBS Ecology and Heritage*

Never Stand Still

Science

Relying on picture books to identify plants? Uncertain about the identifications? This 4-day course will teach technical skills to equip you with a deeper understanding of the science for accurate identification of native and introduced vascular Australian plants. The course is targeted at professionals and postgraduate students wanting to develop or refresh skills essential for botanical research, survey and environmental assessment.

**When/where:** 27 – 30 June, 2017, 9am – 5pm. University of NSW, Kensington.

**Subject matter:**

- plant morphology and terminology needed to understand botanical descriptions
- interpretation and use of identification keys, focusing on the Sydney flora
- key characters for recognising major plant families
- intensive practical sessions in specimen identification via lab-based workshops
- personalised supervision by experienced plant identification specialists
- methods for collection and preservation of plant specimens
- use of herbaria and web tools to support identifications, inspection of John T. Waterhouse herbarium



**Required text**

Pellow, B., Henwood, M. and Carolin, R. (2009). *Flora of the Sydney Region*. Fifth Edition. Sydney University Press, Sydney.

Available at a reduced price during course registration (\$60.00) or directly from Sydney University Press \$80.00 (<http://www.sup.usyd.edu.au/>).

Optional texts

Clarke, I. and Lee, H. (2001). *Name That Flower: The Identification of Flowering Plants*. Melbourne University Press, Melbourne.

Jacobs, SWL., Whalley, RDB. and Wheeler, DJB. (2008). *Grasses of New South Wales*. Fourth Edition. The University of New England, Armidale.

**Course leaders**

*David Keith*, Professor of Botany, UNSW, author of 'Ocean shores to desert dunes: the native vegetation of NSW and the ACT', with more than 30 years experience in vegetation survey and teaching plant identification.

*Belinda Pellow*, Director Flora, AMBS Ecology and Heritage, author of the fifth edition of the 'Flora of the Sydney Region', with more than 30 years experience in teaching plant identification and herbarium curation.

*Frank Hemmings*, Curator, John T. Waterhouse Herbarium, UNSW. Extensive experience in plant identification for undergraduate teaching, research support and herbarium curation.

**Registration**

Registration fee: **\$985.00 incl. GST** (professionals), **\$325.00 incl. GST** (registered students, limited to 10 places). Includes course manual, plant dissection kit (hand lens, fine forceps, ruler), lab facilities, morning & afternoon tea. Successful completion of the course will be acknowledged with a certificate of attendance. Maximum of 30 places available.

For more information and to register:

<https://www.ecosystem.unsw.edu.au/media-releases/advanced-plant-identification-course-2017>

