

# MSc Plant and Fungal Taxonomy, Diversity and Conservation

## Pre-Reading List for Kew-based modules

### General

- [State of the World's Plants](#)

### BIO741P Plant Taxonomy and Diversity

- Bell, A. D. & Bryan A. (2008). *Plant Form: An Illustrated Guide to Flowering Plant Morphology*. Timber Press. ISBN 978088192850
- Beentje, H. J. (2010). *The Kew Plant Glossary: an illustrated dictionary of plant terms*. Royal Botanic Gardens, Kew. ISBN 9781842464229
- Glover, B. J. (2014). *Understanding Flowers and Flowering: an Integrated Approach*. Oxford University Press. ISBN 9780199661596
- Heywood, V. H., Brummitt, R. K., Culham, A. & Seberg, O. (2007). *Flowering Plant Families of the World*. Royal Botanic Gardens, Kew. ISBN 9781554072064.
- Judd, W. S. (2007). *Plant Systematics: a phylogenetic approach*. Sinauer Associates. ISBN 9780878934072
- Soltis, D. E., Soltis, P. S., Endress, P. K. & Chase, M. W. et al. (2005). *Phylogeny and Evolution of Angiosperms*. Sinauer. ISBN 0878938176
- Stuessy, T. F. (2009). *Plant Taxonomy: The Systematic Evaluation of Comparative Data*. Columbia University Press. ISBN 9780231147125
- Utteridge, T. M. A. & Bramley, G. (2014). *Tropical Plant Families Identification Handbook*. Royal Botanic Gardens, Kew. ISBN 9781842463819.
- Willis, K. J. & McElwain, J. C. (2013). *The Evolution of Plants*. Oxford University Press. ISBN 9780199292233

### BIO743P Fungal Taxonomy and Diversity

- [No Fungi. No Planet](#) lecture by Ester Gaya
- [Recommended journal papers](#) Dropbox
- [Mycorrhizal Fungi website](#)
- 'State of the World's Fungi' symposium on 13<sup>th</sup> and 14<sup>th</sup> September 2018.
- Activity 1: Collect some fungi before the module (a day or two before a first day of the module and keep them in a fridge). Woodlands nearby are a good place to start.
- Activity 2: Try to identify your own collections beforehand (just on a basic level).
- [A foray into Kew's fungi](#) magazine article

### BIO745P Conservation and Ecosystem Science

- [The Ecosystem Approach](#) – POSTNote
- [IUCN Red Listing Training Course](#)
- [Guide to the Global Strategy for Plant Conservation](#)

### BIO799P Field Study Skills in a Biodiversity Hotspot

- [Kew Madagascar Conservation Centre](#) - Twitter Feed
- [Zavamaniry Gasy Plants of Madagascar - iNaturalist Project](#) app
- [Madagascar Conservation and Development](#) journal
- [Recommended Review paper](#)
- [Recommended journal paper](#)
- [Conservation in Madagascar: MSc Field Trip Experiences](#) blog
- [Working with local botanists in Madagascar: fieldwork in a biodiversity hotspot](#) blog