

# Ryan P. O'Donnell

PHD STUDENT

Research School of Biology, Australian National University

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## Education

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| <b>Doctor of Philosophy (Ecology &amp; Evolution)</b><br>AUSTRALIAN NATIONAL UNIVERSITY                 | 2022–present |
| <b>Master of Scientific Studies (Biodiversity Science)</b><br>UNIVERSITY OF NEW ENGLAND                 | 2019–2021    |
| <b>Graduate Certificate in Science (Biodiversity Science)</b><br>UNIVERSITY OF NEW ENGLAND              | 2018–2019    |
| <b>Bachelor of Music (Performance: Classical Voice)</b><br>SYDNEY CONSERVATORIUM OF MUSIC               | 2014–2017    |
| <b>Bachelor of Arts in Communication (Media Arts and Production)</b><br>UNIVERSITY OF TECHNOLOGY SYDNEY | 2011–2013    |

## Grants

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| <b>RSB Seed Funding Grant</b><br>AUSTRALIAN NATIONAL UNIVERSITY, RESEARCH SCHOOL OF BIOLOGY<br>• Evolutionary and population ecology of <i>Pterostylis</i> (Orchidaceae) and their fungal symbionts ( <i>Ceratobasidium</i> , <i>Ceratobasidiaceae</i> ) | 2022<br>\$15,000 |
| <b>AOF Research Grant 348/22</b><br>AUSTRALIAN ORCHID FOUNDATION<br>• The evolution and diversification of the Australian <i>Diurideae</i> : Understanding the influence of genome size and chromosome number  | 2022<br>\$10,000 |
| <b>Hansjörg Eichler Scientific Research Fund</b><br>AUSTRALASIAN SYSTEMATIC BOTANY SOCIETY<br>• An integrative taxonomic study of the <i>Pterostylis macrosepala</i> (D.L.Jones) G.N.Backh. complex (Orchidaceae; <i>Pterostylidinae</i> )               | 2022<br>\$5,000  |
| <b>N.C.W. Beadle Scholarship in Botany</b><br>UNIVERSITY OF NEW ENGLAND  | 2020<br>\$1,000  |

## Awards & Scholarships

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| 2022 | ANU Research School of Biology 3-Minute Thesis (3MT) Competition: People's Choice Award |
| 2022 | ANU Research School of Biology 3-Minute Thesis (3MT) Competition: Runner Up Prize       |
| 2022 | Australian Government Research Training Program Scholarship (2022–2025)                 |
| 2021 | University of New England Vice-Chancellor's Scholar                                     |
| 2017 | Berlin Opera Academy Robert Earl White Memorial Scholarship                             |
| 2017 | Berlin Opera Academy Elizabeth Luxon Memorial Scholarship                               |
| 2017 | Pacific Opera Young Artist Scholarship  |
| 2016 | Estivo European Chamber Music Summer School Scholarship                                 |
| 2015 | Best Comedic Film: Tampa Bay Underground Film Festival                                  |
| 2014 | Best Short Film: Melbourne Underground Film Festival                                    |
| 2012 | Firstdraft Gallery Emerging Writers Residency   |
| 2010 | University of Sydney Kathleen Garnham Laurence Prize for Fine Arts                      |

## Peer-Reviewed Publications

**O'Donnell RP**, Bruhl JJ, Telford IR, Wilson TC, Zimmer H, Taseski GM, Andrew RL (accepted 2023) Molecular and morphological analyses support recognition of *Prostanthera volucris* (Lamiaceae), a new species from the Central Tablelands of New South Wales. *Australian Systematic Botany*.

**O'Donnell RP**, Wilson TC, Andrew RL, Telford IR, Taseski GM, Zimmer H, Bruhl JJ (2021) Molecular phylogenetic analysis of the *Prostanthera phyllicifolia* (Lamiaceae) assemblage resolves relationships of the 'Critically Endangered' *P. gilesii* and other putative new species. *Telopea* 24, 359–375. doi:10.7751/telopea15561.

## Preprints

**O'Donnell RP**, Bruhl JJ, Telford IR, Wilson TC, Zimmer H, Taseski GM, Andrew RL (accepted 2023) Molecular and morphological analyses support recognition of *Prostanthera volucris* (Lamiaceae), a new species from the Central Tablelands of New South Wales. doi:doi.org/10.1101/2021.12.21.473648.

## Other Publications

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**O'Donnell RP** (2022) Book Review: Presenting Science Concisely - Bruce Kirchoff. Australasian Systematic Botany Society Newsletter. 190: 27–28.

**O'Donnell RP** (2022) *Love Thy Neighbour* Science Write Now #6: Natural History and Historians

**O'Donnell RP** (2021) *Love Thy Neighbour* Boundless Writers Festival 2021

**O'Donnell RP** (2021) Selling systematics with storytelling: solving taxonomy's marketing problem. Australasian Systematic Botany Society Newsletter. 188: 29–30.

**O'Donnell RP** (2012) *John A Douglas - Body Fluid - The Seven Cycles* Exhibition essay - Chalkhorse Gallery

**O'Donnell RP** (2012) *James Oram - Moments of Must Have* Exhibition essay - Chalkhorse Gallery

## Conference Presentations

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**O'Donnell RP**, Wong DJ, Peakall R, Phillips RD, Linde CC (2022) “Detangling the Diurideae: Phylogenomics and fungal symbionts provide an updated evolutionary framework”. Australasian Evolution Society 2022, 14-16 December 2022.

**O'Donnell RP**, Wong DJ, Peakall R, Phillips RD, Linde CC (2022) “Detangling the Diurideae: Phylogenomics and fungal symbionts provide an updated evolutionary framework”. Australasian Systematic Botany Society EMCR Conference 2022, 15-16 November 2022.

**O'Donnell RP**, Andrew RL, Telford IR, Wilson TC, Zimmer H, Taseski GM, Bruhl JJ (2021) “Morphological and molecular evidence aid resolution of *Prostanthera phyllicifolia* s. l. (Lamiaceae)”. Australasian Systematic Botany Society Annual Conference 2021, 12-16 July 2021. *Runner up: Pauline Ladiges Prize for best student presentation.*

## Other Presentations & Panels

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**Presenter:** 'Walks & Talks: Orchids From Australia & Abroad' 13/08/2022

**Presenter:** 'Rare Plants - Large and Small' with Costa Georgiadis 12/05/2021

**Panelist:** Reel Science: Plants - Sydney Science Trail/National Science Week 21/08/2021

## Teaching

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AUSTRALIAN NATIONAL UNIVERSITY

2022 S2 **BIOL3207/BIOL6207:** Data Science for Biologists

2022 S2 **BIOL2114/BIOL6114:** Evolution

## Media

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**Radio Interview:** ABC Radio Evenings with Christine Anu 21/8/2021

**Podcast Interview:** Royal Botanic Garden Sydney 'Branch Out' Podcast - Starting in Science

**Interview:** *The Music, With Sylvie*

**Interview:** University of New England, #StudyLifeUNE

## Exhibitions

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2021 **The Margaret Flockton Award**

## Professional Memberships

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2020–present **Australasian Systematic Botany Society**