

Ryan P. O'Donnell

PHD STUDENT

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Education

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

Grants

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

Awards & Scholarships

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

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

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

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

AUSTRALIAN NATIONAL UNIVERSITY

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

2022 S2 **BIOL2114/BIOL6114:** Evolution

Media

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

2021 **The Margaret Flockton Award**

Professional Memberships

2020–present **Australasian Systematic Botany Society**