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Supplementary Material

Novel and emerging seed science research from early to middle career researchers at the Australasian Seed Science Conference, 2021

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				Number of species' seeds studied		
EMCR Presenter	Presentation Title	Poster/ Talk	Organisational Affiliation/s	Total	Australian native species	Threatened/ vulnerable/ endangered
Theme 1: See	ed Biology and Evolutionary Ecology					
Dr Si-Chong Chen	Biological scaling in seed functional components (keynote)	Talk	Millennium Seed Bank of the Royal Botanic Gardens, Kew, UK	1031	Unknown	Unknown
Dr Emma Dalziell	Resting metabolic rates in seeds: relationships with mass, phylogeny and climate & Predicting seed lifespan for the improved curation of conservation seed banks	Talk & Poster	Kings Park Science, Department of Biodiversity, Conservation and Attractions, Western Australia	108	87	0
Dr Nick Schultz	The risk takers and risk avoiders: germination sensitivity to water stress in an arid zone with unpredictable rainfall	Talk	School of Science, Psychology and Sport, Federation University, Australia	5	5	1
Dr Justin Collette	Stepping up to the plate: using a bidirectional thermo-gradient plate for predicting seed germination response in a changing climate	Talk	Australian Institute of Botanical Science The Australian Botanic Garden, Mount Annan	3	3	2
Dr Susan Everingham	Time travelling seeds reveal seed trait and plant responses to climate change	Talk	Australian Institute of Botanical Science The Australian Botanic Garden, Mount Annan & University of Bern, Switzerland	42	42	0
Dr Nathan Emery	Predicting germination sensitivity to temperature and moisture stress in	Talk	Australian Institute of Botanical Science The Australian Botanic Garden, Mount Annan	11	11	1

	Threatened Ecological Communities in northwest New South Wales					
Dr Wolfgang Lewandrowski	Born To Rock: Seed Traits Of Rare And Common Banded Ironstone Species From Semi-arid Ecosystems	Talk	Kings Park Science, Department of Biodiversity, Conservation and Attractions, Western Australia	25	25	0
Rocco Notarnicola	Warmer conditions reduced seed size and viability in the alpine herb Wahlenbergia ceracea	Talk	Australian National University	1	1	0
Aulia Hasan Widjaya	Campolay Fruit (Pouteria campechiana (Kunth) Baehni) and Its Seed Viability in Various Weight and Longevity	Talk	Seed Bank of Research Center for Plant Conservation and Botanic Gardens - Indonesian Institute of Sciences (LIPI)	1	0	0
Ella Plumanns Pouton	Soil seedbank diversity under variation in fire regimes in a temperate heathland	Talk	University of Melbourne	173	173	Unknown
Sean Walsh	Unpacking the seed bank: Variation in germination behaviour of physically dormant seeds extracted from forest soil	Talk	University of Melbourne	1	1	0
Alison Mertin	Integrating seed microbiome knowledge into restoration and conservation	Talk	Royal Botanic Gardens Sydney & The University of Melbourne	4	4	0
Merize Van Der Merwe	Fungal endophytes of Banksia seed: Diversity and dynamics.	Talk	Royal Botanic Gardens Sydney & The University of Wollongong	2	2	0
Arineh Tahmasian	Comparative quantitative study of conglutin seed storage proteins across narrow-leafed lupin varieties	Talk	Edith Cowan University & CSIRO Agriculture and Food	1	0	0
Dr Ganesha Liyanage	Techniques for breaking seed dormancy of rainforest species from genus Acronychia	Talk	Australian Institute of Botanical Science The Australian Botanic Garden, Mount Annan	3	3	0
Philippa Alvarez	Relationships between plant life-history traits and seed germination in native plant species of the Cumberland Plain Woodland	Poster	Australian Institute of Botanical Science The Australian Botanic Garden, Mount Annan	15	15	0

attleseeds for gardens as ex situ	Talk Talk	Hawaii at ManoaARC Training Centre for Uniquely Australian Foods, QAAFI, The University of QueenslandCentre for Planetary Health and 	3 Unknown	0 3 Unknown	0 0 Unknown
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vaii			550	0	0
			550	0	0
Imaging and	Talk	AustraliaLyon Arboretum, University of			
Myrtaceae	Talk	Australian Institute of Botanical Science The Australian Botanic Garden, Mount Annan & Curtin University, Western	6	6	2
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Australian ibutes And	Talk	Australian Institute of Botanical Science The Australian Botanic Garden, Mount Annan	26	26	0
е					
Norfolk Island's	Poster	University of Queensland	19	19	13
ern Australian	Poster	Institute of Land, Water and Society, Charles Sturt University	28	28	0
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