


## DRAFT PROGRAM – SUBJECT TO CHANGE

Day 1 23 March Field Trip	Departs 8:00am, Returns 5:30pm, from Islander Resort, 1 Ronan Place, West Ballina
<ul style="list-style-type: none"> <li>• Depart Ballina 8am (EDST)</li> <li>• Site 1: Tallebudgera Valley study site – impact on rainforest species.</li> <li>• Site 2: Bundjalung National Park – impact on fire affected coastal heath and woodland species</li> <li>• Arrive back in Ballina approx. 17:30</li> </ul> <p>Subject to weather. Packed lunches provided.</p>	

Day 2 24 March	Ballina Jockey Club, Racecourse Road, Ballina
Title	Speaker
Day 2 24 March Session 1. Introduction	0830-1030
Welcome to Country	Aunty Julia Paden, Jali LALC
Introduction	Michael Robinson, Australian Plant Biosecurity Science Foundation
Overview of the disease	Geoff Pegg, Queensland Department of Agriculture and Fisheries
Indigenous custodians of the land are concerned about the impact of myrtle rust, plant biosecurity threats, pests, and diseases on our country.	Linda Ford, Charles Darwin University
Conservation consequences of myrtle rust	Brett Summerell, Royal Botanic Gardens and Domain Trust
Australia managing for myrtle rust	Elyse Herrald-Woods, Environmental Biosecurity Office, Department of Agriculture, Water and the Environment.
NSW - Saving our Species Myrtle Rust program	Craig Stehn, NSW Department of Planning, Industry and Environment
Community, government and NGO responses, and the Action Plan	Bob Makinson, Australian Network for Plant Conservation
TBC	Ken Hughey Department of Conservation, NZ
Discussion	Chair - Angus Carnegie




# MYRTLE RUST

## NATIONAL SYMPOSIUM


Galvanising action to conserve our native plants from myrtle rust

Ballina Jockey Club, 23 – 25 March

Proudly supported by




2021 Australian Biosecurity Symposium  
20-24 October 2021 Gold Coast



NSW GOVERNMENT SAVING OUR SPECIES

Session 2 Impact Assessment 1	1100-1230
The impacts of Myrtle Rust – the story so far	Angus Carnegie NSW Department of Primary Industries
Extinction of Australian rainforest trees by fungal disease	Julian Radford-Smith, The University of Queensland
Impacts of Myrtle Rust on wetlands and coastal heath	Geoff Pegg, Queensland Department of Agriculture and Fisheries
Common and at risk of extinction: functionally immortal and critically endangered: paradoxes resolved in the time of Myrtle Rust	Rob Kooyman, Macquarie University, The Royal Botanic Garden Sydney
Modelling the climate preference of Myrtle Rust disease with a widespread host species	Natalie Meiklejohn University of Queensland/NSW DPIE
Current status of <i>Austropuccinia psidii</i> in the Northern Territory - locations and hosts	Donna Lewis, Northern Territory Herbarium
The impacts of Myrtle Rust in New Zealand	Roanne Sutherland and Beccy Ganley Scion, New Zealand Forest Research Institute Ltd
Examining pathogen spill-over of myrtle rust and impact on climbing rātā ( <i>Metrosideros</i> sp.) in NZ	Ngaio Balfour Scion, New Zealand Forest Research Institute Ltd
Session 3 Impact Assessment 2	1330-1500
Impacts of myrtle rust in fire affected ecosystems in Queensland	Louise Shuey, Queensland Department of Agriculture and Fisheries
The impacts of Myrtle Rust on K'gari (TBC)	Tilly Davis, Butchulla Land and Sea Rangers
Population and community impacts of invasion by the myrtle rust pathogen, <i>Austropuccinia psidii</i>	Joshua Buru, Queensland University of Technology
An update on Myrtle Rust in New Caledonia	Julia Soewarto, Scion, New Zealand Forest Research Institute Ltd
Species impacts of Myrtle Rust in Hawaii	Phil Cannon, USDA Forest Service
Discussion	Chair – Geoff Pegg




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NSW GOVERNMENT  
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Session 4 The threat, monitoring, management, resistance 1530-1715	
The increasing threat of exotic pests and diseases of environmental significance	Mike Wingfield, University of Pretoria
Differential expression analysis of <i>Leptospermum scoparium</i> (mānuka) and <i>Austropuccinia psidii</i> transcripts provides clues to the pathogen infection and plant resistance mechanisms	Grant Smith, Plant and Food Research, NZ
Microbe community transplants as a potential control for <i>A. psidii</i>	Mason Kamalani Chock, University of California, Berkeley
RNAi vaccines as a novel control for Myrtle Rust	Anne Sawyer, The University of Queensland
Developing molecular 'fingerprinting' of Myrtle Rust disease to facilitate strategies in monitoring and control	Michelle Moffitt, Western University Sydney
Discussion	Chair – Brett Summerell

<b>Symposium Dinner, 6:45 for 7:00pm</b>	<b>Islander Resort, 1 Ronan Place, West Ballina</b>
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Day 3 (25 March) Session 5 Biosecurity	0830-1000
Overview - strains and pathways ...	Alistair McTaggart, The University of Queensland
Exotic strains and the national priority list	Elyse Herrald-Woods, Environmental Biosecurity Office, Department of Agriculture, Water and the Environment.
Using genomic tools for biosecurity responses to a devastating environmental pathogen	Peri Tobias, University of Sydney
Urediniospores of <i>Austropuccinia psidii</i> germinate more readily at cooler temperatures	Rebecca Degnan, University of Queensland
I think we dodged a bullet! Implementing a Rapid Response Plan for a Myrtle Rust incursion on Lord Howe Island in October 2016	Hank Bower, Manager Environment/World Heritage Lord Howe Island Board
<i>Austropuccinia psidii</i> : the threat of the South African strain	Julia Soewarto, Scion, New Zealand Forest Research Institute Ltd
Development of molecular tools for detecting genetically distinct biotypes of <i>Austropuccinia psidii</i>	Jane Stewart, Jorge R Ibarra Caballero Colorado State University
Myrtle Rust preparedness in WA	Mariana Campos, CSIRO Shane Tobe, Murdoch University
Discussion	Chair – Alistair McTaggart




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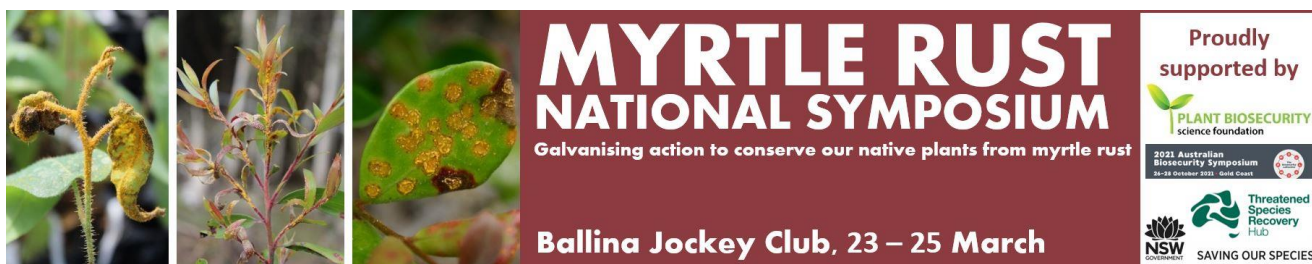
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NSW SAVING OUR SPECIES

Session 6 Towards Recovery	1030-1230
An overview of recovery options – one size does not fit all	Bob Makinson, Australian Network for Plant Conservation
The NSW SoS Emergency Response for <i>Rhodamnia rubescens</i> and <i>Rhodomyrtus psidioides</i>	Craig Stehn, NSW Department of Planning, Industry and Environment
<i>Lenwebbia</i> sp Main Range – from obscurity to recovery. Oh the place you'll go!	Justin Mallee, NSW National Parks and Wildlife Service
Ex situ conservation to aid recovery	Karen Sommerville, The Royal Botanic Gardens and Domain Trust
Booderee Botanic Gardens – Local populations rescue effort	Julie Percival, Booderee Botanic Gardens
Selection of Myrtle Rust Resistant Individuals within Species Affected	Spencer Shaw, Brush Turkey Enterprises
Earth Learning's Local Response to Myrtle Rust in Northern Rivers, NSW	Marion Riordan, Earth Learning and Limpinwood Nursery
Ex-situ conservation?	Phillip Parsons, Tasmanian Arboretum
The WA preparedness and recovery actions	Emer O'Gara, WA Dept of Biodiversity Conservation and Attractions Sonya Broughton, WA Dept Primary Industries & Regional Development Amanda Shade, Botanic Gardens and Parks Authority (Kings Park) Andrew Crawford, WA Dept of Biodiversity Conservation and Attractions
Managing ex-situ collections of species impacted by Myrtle Rust	Jason Bragg, The Royal Botanic Garden Sydney
Discussion	Chair – Bob Makinson





Session 7 Awareness and Engagement	1330-1500
Not just a research problem: action or extinction, our choice	Bob Makinson, Australian Network for Plant Conservation
Culturally important awareness and engagement	Tilly Davis, AJ Perkins
Myrtle Rust – the impact to Maori	Alby Marsh, Plant and Food Research, New Zealand
Community-led environmental biosecurity in Western Australia: a mechanism for statewide Myrtle Rust surveillance and early detection	Justin Bellanger, South Coast NRM WA
Building the base: The value of boosting social capital for improved urban plant health stewardship	Jessica Lye, Cesar Australia
The importance of community in the Lord Howe Island response	Hank Bower, Lord Howe Island Board
Myrtle Rust: a perspective from the Australian Government's Threatened Species Commissioner	Sally Box, Threatened Species Commissioner
Panel Discussion – Building awareness and engagement: key learnings	Chair – Rachel Morgain (S, Box, J Bellanger, J Lye, H Bower, A Marsh, T Davis, A Cox)
Closing: Enabling the Response	1500-1515