

45<sup>th</sup> New Phytologist Symposium

# Ecological and evolutionary consequences of plant–fungal invasions

University of Campinas, Brazil | 20–23 June 2020



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## Scope

As human activities increasingly alter the distribution and relative dominance of plant and soil fungal communities through introductions and management, it is becoming critical to understand the consequences of these changes for biodiversity and ecosystem functions. Although some case studies demonstrate that introduced plants and fungi bring highly novel traits into ecosystems, relatively little is known about the broad biogeographic patterns, ecological/evolutionary dynamics, and ecosystem/biogeochemical consequences of such introductions. We are aware of numerous individual projects on major plant–fungal co-invasions, and a recent paper ('The emerging science of linked plant–fungal invasions' by Dickie *et al.*, *New Phytol* 215:1314–1332) made important contributions to a conceptual framework. This international symposium will build on this foundation, allowing a synthesis of results to date by identifying common themes/goals, developing collaborations across native/introduced ranges, and leveraging a global network to identify questions of large geographic scope.

## Format

The symposium will take place over four days at the University of Campinas, Brazil. The symposium will be organised into sessions by research topics and there will be dedicated time for breakout sessions, poster sessions, selected poster talks and a field trip.

## Keynote Speaker

**Ian Dickie** University of Canterbury, New Zealand

## Speakers

**Pedro Antunes** Algomá University, Canada

**Sara Branco** Montana State University, USA

**Mark Brundrett** University of Western Australia

**Erika Buscardo** University of Brasília, Brazil

**Rob Colautti** Queen's University, Canada

**Nicolas Corradi** University of Ottawa, Canada

**Miranda Hart** University of British Columbia, Canada

**Nicole Hynson** University of Hawai'i, USA

**Ylva Lekberg** MPG Ranch, USA

**Hui-Ling Liao** University of Florida, USA

**Martin Nuñez** CONICET/National University of Comahue, Argentina

**Elisa Pellegrino** Sant'Anna School of Advanced Studies Italy

**Anne Pringle** University of Wisconsin–Madison, USA

**Eva Stukenbrock** Max Planck Institute for Evolutionary Biology/University of Kiel, Germany

**Leho Tedersoo** University of Tartu, Estonia

**Francois Teste** CONICET, Argentina/University of Western Australia

**Kathleen Treseder** University of California, Irvine, USA

**Mike Wingfield** University of Pretoria, South Africa

## Core organising committee

**Jason Hoeksema** University of Mississippi, USA

**Miranda Hart** University of British Columbia, Canada

**Erika Buscardo** University of Brasília, Brazil

**Laszlo Nagy** University of Campinas, Brazil

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