

Austropuccinia psidii

- Guava rust, eucalyptus rust, myrtle rust, 'ōhi'a rust
- Native to Brazil
- Very wide host range in Myrtaceae family
- Hosts in Hawai'i include 'ōhi'a lehua (*Metrosideros polymorpha*)
- Literature indicated different strains or biotypes



Austropuccinia psidii

- Detected in Hawai'i in 2005
- Quickly spread throughout Hawai'i
- Damage to 'ōhi'a minimal; difficult to evaluate
- Management focused on:
 - monitoring
 - determining genetics/taxonomy
 - preventing additional genotypes from entering Hawai'i



Austropuccinia psidii

- 2007-08 HDOA established a temporary Emergency Quarantine Rule restricting import of Myrtaceae
- APHIS PPQ makes *A. psidii* “actionable” for Hawai‘i
- *A. psidii* also present in FL with reports in CA
- Research conducted in Brazil to describe different biotypes and potential affects to ‘ōhi‘a
- Economic analysis conducted by UH



Austropuccinia psidii

- State rule to restrict import of Myrtaceae (draft rule submitted to AG in 2013)
- Federal restrictions through NAPPRA: Not Authorized Pending Pest Risk Analysis (petition submitted in 2012)
- Need both state and federal action (Preemption with the PPA)
- Both require information to demonstrate potential damage caused by additional introductions



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- Progress has depended on agency workloads, differing expert opinion, politics, etc.
- Moving forward on both federal and state restrictions this year (maybe?)
- Monitoring for new biotypes on-going
- Regulations would protect Hawaii's forests from additional pests using approach similar to protections for important agricultural crops

