

## Plant species confirmed to be infected with myrtle rust in New Zealand

Common name	Scientific name	Plant origin	New Zealand threat status
Bartlett's rātā, rātā moehau	<i>Metrosideros bartlettii</i>	Native	Nationally Critical
Carmine rātā vine	<i>Metrosideros carminea</i>	Native	Nationally vulnerable
Kermadec pōhutukawa	<i>Metrosideros kermadecensis</i>	Native	Nationally critical
Mānuka, Kahikātoa	<i>Leptospermum scoparium</i>	Native	At risk declining
Northern rātā	<i>Metrosideros robusta</i>	Native	Nationally vulnerable
Pōhutukawa	<i>Metrosideros excelsa</i>	Native	Nationally vulnerable
Ramarama	<i>Lophomyrtus bullata</i>	Native	Nationally critical
Rōhutu	<i>Lophomyrtus obcordata</i>	Native	Nationally critical
Scarlet rātā vine	<i>Metrosideros fulgens</i>	Native	Nationally vulnerable
Small white rātā vine	<i>Metrosideros perforata</i>	Native	Nationally vulnerable
Swamp maire, Maire tawake	<i>Syzygium maire</i>	Native	Nationally critical
White rātā vine	<i>Metrosideros diffusa</i>	Native	Nationally vulnerable
	<i>Lophomyrtus bullata</i> x <i>L. obcordata</i> hybrid	Native	
	<i>Metrosideros bartlettii</i> x <i>M. robusta</i> hybrid	Native	
	<i>Metrosideros collina</i> x <i>M. excelsa</i> hybrid	Native	
	<i>Metrosideros excelsa</i> x <i>M. kermadecensis</i> hybrid	Native	
	<i>Metrosideros excelsa</i> x <i>M. robusta</i> hybrid	Native	
White bottlebrush	<i>Melaleuca salignus</i>	Exotic	
Weeping bottlebrush	<i>Melaleuca viminalis</i>	Exotic	
Common myrtle	<i>Myrtus communis</i>	Exotic	
Feijoa	<i>Acca sellowiana</i>	Exotic	
Lilly pilly	<i>Syzygium australe</i>	Exotic	
Rose apple	<i>Syzygium jambos</i>	Exotic	
White stringybark gum	<i>Eucalyptus globoidea</i>	Exotic	
Willow myrtle	<i>Agonis flexuosa</i>	Exotic	
	<i>Tristaniopsis laurina</i>	Exotic	
	<i>Metrosideros collina</i>	Exotic	
	<i>Thryptomene calycina</i>	Exotic	
	<i>Syzygium australe</i> x <i>S. paniculatum</i> hybrid	Exotic	
	<i>Ugni molinae</i>	Exotic	

### References

- Toome-Heller, M., Ho, W.W.H., Ganley, R.J. *et al.* Chasing myrtle rust in New Zealand: host range and distribution over the first year after invasion. *Australasian Plant Pathol.* (2020). <https://doi.org/10.1007/s13313-020-00694-9>
- New Zealand threat status information obtained from De Lange PJ, Rolfe J, Barkla J, P. Courtney S, Champion P, Perrie L, M. Beadel S, Ford K, Breitwieser I, Schoenberger I, Hindmarsh Walls R, Heenan P, Ladley K (2018) Conservation status of New Zealand indigenous vascular plants, 2017.
- Additional reference on Kermadec pōhutukawa from Ho W, Baskarathevan J, Griffin RL, Quinn B, Alexander BJR, Havell D, Ward N, Pathan A (2019) First Report of Myrtle Rust Caused by *Austropuccinia psidii* on *Metrosideros kermadecensis* on Raoul Island and on *M. excelsa* in Kerikeri, New Zealand. *Plant Disease*. doi:10.1094/PDIS-12-18-2243-PDN

**Citation:** Soewarto J., Giblin F. & Carnegie A.J. 2019. *Austropuccinia psidii* (myrtle rust) global host list. Version 2. Australian Network for Plant Conservation, Canberra, ACT. <http://www.anpc.asn.au/myrtle-rust>

**Acknowledgements:** R.O. Makinson, G.S. Pegg, G. Guymer, Carlos A. Pérez, R.J. Ganley.

**Funding support:** New Zealand Ministry for Primary Industries

**Correspondence:** [Beccy.Ganley@plantandfood.co.nz](mailto:Beccy.Ganley@plantandfood.co.nz)