Biological invasions

The enemy of my enemy? Emergence of the rust pathogen *Austropuccinia psidii* is associated with the rapid decline of the invasive tree *Syzygium jambos* in the Galápagos Islands

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Table S1 Details of selected Landsat 7-ETM+ and Landsat 8-OLI scenes for the study area.

Sensor	Acquisition date	Cloud cover land
Landsat 7-ETM+	25-03-2001	26%
	15-03-2009	1%
Landsat 8-OLI	23-02-2016	6%
	14-04-2017	5.7%
	15-02-2019	15%
	14-03-2023	10%
	29-02-2024	1.4%

Table S2 BLAST analysis results of PCR-amplified sequences indicating the presence of *Austropuccinia psidii* in *Syzygium jambos* samples.

Sample ID	Preparation Method	Primer Set	Sequence length (bp)	Closest Match (BLASTn-Accession number)	Query cover (%)	Identity (%)	Accession Number
Sample 1	Spore washing	Ppsi2/Ppsi4	354	*Austropuccinia psidii* (KM282157.1)	100	97.75	PX048491
Sample 2	Fungal scraping	Ppsi2/Ppsi4	353	*Austropuccinia psidii* (KM282157.1)	100	100	PX048505
Sample 3	Infected leaf tissue	Ppsi2/Ppsi4	357	*Puccinia psidii* (KC543217.1)	100	96.67	PX048506
Sample 4	Infected leaf tissue	Ppsi2/Ppsi4	351	*Austropuccinia psidii* (KM282157.1)	100	99.72	PX048507