

# Pre-assessments of plant conservation status in islands: the case of French Overseas Territories

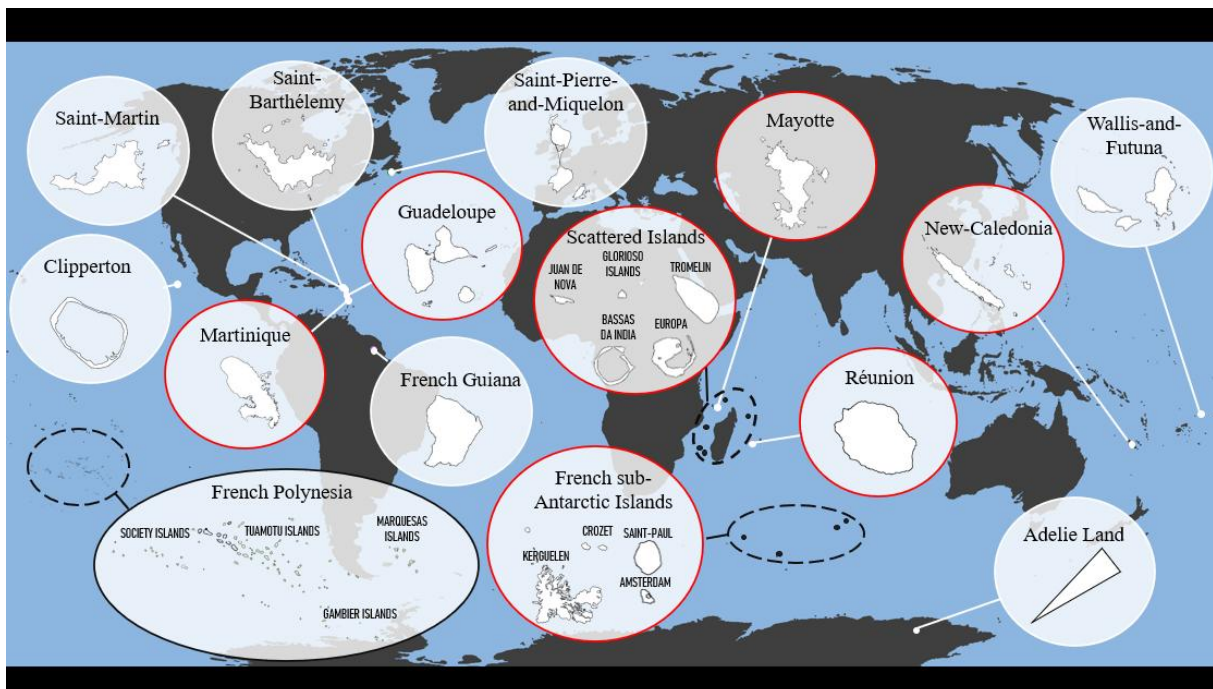
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## Supplementary Information 1 : scope of the study

### 1. Map of the French Overseas Territories



**Fig S1.1 Map of the FOTs, only territories inside a red circle have been included in the study**

We focused on these FOTs due to conservation issues for endemic plants and data availability

## 2. Definition of regional endemism

<b>Territory</b>	<b>Main islands</b>	<b>Hotspot (sensu Myers et al. 2000)</b>	<b>Area of regional endemism (= subendemism)</b>
New Caledonia	Grande-Terre, Iles Loyauté, Belep, Ile des Pins, Walpole	New Caledonia	
Réunion	Réunion	Madagascar and the Indian ocean islands	Mascarene archipelago
Mayotte	Grande Terre, Petite Terre et petits îlots	Madagascar and the Indian ocean islands	Comoro archipelago
Scattered Islands	Europa, Juan de Nova, Tromelin, Glorioso	Madagascar and the Indian ocean islands	Scattered Islands, Seychelles, Madagascar*
French sub-Antarctic islands	Crozet, Kerguelen, Saint-Paul, Amsterdam		French sub-Antarctic Islands, Heard and McDonald Islands, Prince Edward Islands (Marion and Prince Edward Island)
Guadeloupe	Basse Terre, Grande-Terre, Marie-Galante, Les Saintes, Désirade	Caribbean Islands	Lesser Antilles
Martinique	Martinique	Caribbean Islands	Lesser Antilles

**Table S1.1: Definition of regional endemism**

\* Juan de Nova, Europa and Glorioso are considered to be part of the same Mozambique Channel coral complex, Tromelin is considered separate.

## 3. Existing Red Lists

	<b>Publication year</b>	<b>Conservation status</b>	<b>Criteria used to</b>
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		<b>of the endemic flora included in the study</b>	<b>identify threatened endemic taxa*</b>
<b>New Caledonia</b>	2021	1 EX, 119 CR, 218 EN, 167 VU, 49 DD, 1508 NE, 151 NT, 395 LC	Criterion A : 31 Criterion B : 487 Criterion C : 48 Criterion D :59
<b>Réunion</b>	2010	3 EX, 6 RE, 1 EW, 48 CR, 39 EN, 49 VU, 25 NT, 194 LC, 45 DD, 98 NE	Criterion A : 2 Criterion B : 25 Criterion C : 54 Criterion D :66
<b>Mayotte</b>	2013	7 CR,10 EN,43 VU, 11 NT, 21 LC, 6 DD, 26 NE	Criterion A : 0 Criterion B : 11 Criterion C : 1 Criterion D :52
<b>Guadeloupe</b>	2019	15 CR, 8 EN,23 VU, 20 NT, 71 LC, 36 DD, 14 NE	Criterion A : 1 Criterion B : 17 Criterion C : 10 Criterion D : 29
<b>Martinique</b>	2013	10 CR, 4 EN,2VU, 0 NT, 2 LC, 0 DD, 203 NE	Criterion A : 0 Criterion B : 3 Criterion C : 2 Criterion D :12
<b>Scattered islands</b>	2018**	2 CR, 3 EN, 5 VU, 2 NT, 24 LC, 2 DD, 0 NE	Criterion A : 0 Criterion B : 0 Criterion C : 0 Criterion D :10 (D1)

**Table S1.2 Categories and Criteria used in existing Red Lists**

\*Several criteria can attribute a similar conservation status to a single species\*

\*\* the methodology used in the Scattered islands has been adapted from the IUCN Red list methodology (change in grid size to estimate AOO and in conservation status thresholds, see manuscript and Hivert et al. 2018)

## Reference

Myers N, Mittermeier RA, Mittermeier CG, et al (2000) Biodiversity hotspots for conservation priorities. *Nature* 403:853–858

Hivert J, Bouillet V, Féraud J, et al (2018) Démarche d'évaluation collégiale du statut de menace régionale de la flore vasculaire terrestre des îles Eparses. Rapport non publié., Conservatoire Botanique national et centre permanent d'Initiatives pour l'Environnement de Mascarin. île de la Réunion