















































































Scientific Name	Common name or taxonomic group	Distribution by country																			
		American Samoa	Cook islands	Easter Islands	FSM	Fiji islands	French Polynesia	Guam	Kiribati	Marshall islands	Nauru	Niue	N. Mariana islands	Palau	Pitcairn islands	Samoa	Tokelau	Tonga	Tuvalu	Wallis & Futuna	US Minor islands
<i>Xixuthrus heyrovski</i>	Fijian giant longhorn beetle					x															
<i>Xixuthrus terribilis</i>	Fijian giant longhorn beetle					x															
<i>Xylocarpus moluccensis</i>	mangrove tree												x								
<i>Zanthoxylum nadeaudii</i>	plant						x														
181	TOTALS	3	18	0	14	33	84	1	1	9	1	2	1	29	0	4	1	3	1	1	1

Key: DD = Data Deficient

### Appendix 3. Site Outcomes (Key Biodiversity areas) in the Polynesia-Micronesia Hotspot\*

Site No <sup>1</sup>	Site Name	Approx Land Area (Hectares)	Existing Protected Area in the site?	Invasive Free Status <sup>3</sup>	Priority Site for CEPF investment
<b>Cook Islands</b>					
1	Atiu Island	2700	Yes	Medium	Y
2	Mangaia	5180	No	Low	Y
3	Suvarrow Atoll	168	Yes	Medium	
4	Takitumu Conservation Area	155	Yes	Medium	Y
5	Takutea Wildlife Sanctuary	120	Yes	n.d.	
<b>Federated States of Micronesia</b>					
6	Ahnd Atoll	150	Yes	Low	
7	Dalipebinaw School Forest Reserve	41	Yes	Low	
8	East Fayu Island	381	No	Low	
9	East Yap Harbor Mangroves	418	Yes	Low	
10	Edienleng/Pohnatehnm Ridge	154	No	Low	
11	Faichuk Mangroves	3018	No	Low	
12	Fais Limestone Forests	342	No	Low	
13	Faiyew Island	42	No	Low	
14	Fanapanges Island	159	No	Low	
15	Fefan Forests	200	No	Low	Y
16	Finkol Terminalia Forest	196	No	Low	
17	Kosrae upland forest	4640	No	Low	Y
18	Lepinsed Madolenihmw	1109	No	Low	
19	Marbaa Forest	507	No	Low	
20	Mt Winipot	125	Yes	n.d.	
21	Muenon Marsh	25	No	n.d.	
22	Mwoakilloa Atoll	655	No	n.d.	
23	Namwanan Mangroves	158	No	n.d.	
24	Nan Pailong	264	No	n.d.	
25	Ngulu Atoll	43	No	n.d.	
26	North Namonuito Atoll	76	No	n.d.	
27	Northern Yap Channels and Mangrove	2212	Yes	Low	
28	Northwest Sorol Island	262	No	n.d.	
29	Nukanap Freshwater Marsh	33	No	n.d.	
30	Olimarao Aoll	88	No	n.d.	
31	Oneop island	327	No	n.d.	Y
32	Oroluk Atoll	40	Yes	n.d.	
33	Piig Satawal Island	89	No	n.d.	

Site No <sup>1</sup>	Site Name	Approx Land Area (Hectares)	Existing Protected Area in the site?	Invasive Free Status <sup>3</sup>	Priority Site for CEPF investment
34	Pigelo Island	11.5	No	n.d.	
35	Pohndollap Ridge	83	No	Low	Y
36	Pohnpei Central Forest	10372	Yes	Low	Y
37	Pou Bay Mangroves	51	No	n.d.	
38	Sapore	161	No	n.d.	
39	Satowan Island	60	No	n.d.	Y
40	Senpehn-Lehdau Mangroves	1023	Yes	n.d.	
41	South Kitti Coast	1745	No	n.d.	
42	Southeast Reef	22	No	n.d.	
43	Southwest Pulap Atoll	4476	No	n.d.	
44	Temwen Island	58	No	n.d.	
45	Tomil Marsh/Mangrove	156	Yes	Low	
46	Tonoas Forest	168	No	n.d.	
47	Totiw Island	26	No	n.d.	
48	Udot Island	453	No	n.d.	
49	Ulithi Atoll	226	No	Low	
50	Uman Island	397	No	n.d.	
51	Utwa Mangroves	198	No	Low	
52	Utwa-Walung Mangroves	1639	Yes	Low	
53	Weno Ridge Forest	233	No	Low	
54	West Puluwat Atoll	31	No	n.d.	
55	Wiac-Sroanef Coastal Area	428	No	Low	
56	Wichap-Einup-Peitiw-Nukunap Mangroves	242	No	Low	
57	Yela-Okat Terminalia/Mangrove Forests	587	Yes	Low	
58	Yinuf-Galil-Luech Mangrove	160	Yes	Low	
<b>Fiji</b>					
59	Gasele	360	No	Low	
60	Gau Island	12150	Yes	Medium	Y
61	Hatana Island	10	No	n.d.	Y
62	Kabara-Fulaga coastal vesi forest	4050	Yes	n.d.	
63	Laucala Island	1350	No	Low	Y
64	Monasavu-Nadrau Plateau	2430	Yes	Low	
65	Monuriki Island	100	No	Low	Y
66	Mt Evans Range-Koroyanitu	5400	Yes	Low	Y
67	Mt Kasi	n.d.	No	Low	Y
68	Mt Korobaba	n.d.	No	Low	Y

Site No <sup>1</sup>	Site Name	Approx Land Area (Hectares)	Existing Protected Area in the site?	Invasive Free Status <sup>3</sup>	Priority Site for CEPF investment
69	Mt Navotuvotu	n.d.	No	Low	Y
70	Mt Nubuiloa	n.d.	No	Low	Y
71	Nabukelevu/Mt Washington	1800	Yes	Low	Y
72	Naicobocobo dry forests	1800	No	Low	Y
73	Nakauvadra Range	7200	No	Low	
74	Nakorotubu	7200	No	Low	
75	Nasigasiga	1800	No	Low	Y
76	Natewa Peninsula	9000	Yes	Low	Y
77	Nausori Highlands	8100	No	Low	Y
78	Ogea	1350	No	Low	Y
79	Ovalau Island	8100	No	Low	
80	Serua forest wilderness	20700	No	Low	Y
81	Sovi Basin and Korobosabasaga Range	19800	Yes	Low	Y
82	Taveuni	48510	Yes	Medium	Y
83	Tomaniivi-Wabu Nature and Forest Reserve complex	7200	Yes	Low	Y
84	Udu Point	720	No	Low	
85	Upper Navua Gorge	48510	Yes	Low	
86	Vatia Peninsula	2700	No	Low	
87	Voma/Namosi Highlands	1170	No	Low	Y
88	Vuaqava Island	990	No	n.d.	
89	Vunimoli	1350	Yes	Low	
90	Vunivia Catchment	9000	Yes	Low	
91	Wailotua/Nabukelevu bat caves	1080	No	Low	Y
92	Waisali Dakua National Trust Forest Reserve	2430	Yes	Low	Y
93	Yadua Taba Island	153	Yes	Medium	Y
<b>French Polynesia</b>					
94	Akamaru Atolls	390	No	Low	
95	Apataki Atolls	4900	No	n.d.	
96	Bora Bora Island	3760	No	Low	Y
97	Ei'ao Island	5200	Yes	Low	
98	Fakarava Atolls	10900	No	n.d.	
99	Fatu Hiva Island	7770	No	Medium	Y
100	Fatu Huku Island	101	No	High	
101	Hatuta'a Island	1810	Yes	High	Y
102	Hiva Oa Island	24090	No	Low	Y
103	Huahine Island	7480	No	Low	Y

Site No <sup>1</sup>	Site Name	Approx Land Area (Hectares)	Existing Protected Area in the site?	Invasive Free Status <sup>3</sup>	Priority Site for CEPF investment
104	Maiao Island	900	No	n.d.	
105	Makatea Island	2896	No	Medium	Y
106	Mangareva Island	1300	No	Low	Y
107	Marotiri Islets	<50	No	High	
108	Mo'orea Island	13200	No	Low	Y
109	Mopelia Island	350	No	n.d.	
110	Morane Island	200	No	High	Y
111	Motane Island	1554	Yes	Medium	Y
112	Motu One Island (Bellinghausen)	1240	Yes	High	
113	Niau Island	5582	No	n.d.	Y
114	Nuku Hiva Island	33600	No	Low	Y
115	Raiatea Island	17200	No	Low	Y
116	Raivavae Island	2007	No	Low	Y
117	Rangiroa Atoll	7900	No	Medium	Y
118	Rapa Island	1000	No	Low	Y
119	Reitoru Island	200	No	Low	
120	Rimatara Island	878	No	Low	Y
121	Rurutu Island	3600	No	Low	
122	Scilly Island	400	Yes	High	
123	Tahanea Atoll	1000	No	Low	
124	Tahiti Island	20000	Yes	Low	Y
125	Tahuata Island	7512	No	Medium	Y
126	Taiaro Atoll	1000	Yes	n.d.	
127	Tenararo-Vahanga Atolls	400	No	n.d.	
128	Tikehau Atoll	1700	No	n.d.	
129	Tubuai Island	4500	No	Low	
130	Ua Huka Island	8100	Yes	Medium	Y
131	Ua Pou Island	12500	No	Medium	
<b>Kiribati</b>					
132	Kotabu and Nabini islet	n.d.	No	n.d.	
133	Phoenix Islands	2800	Yes	High	
134	Teirio Islet	n.d.	No	n.d.	
<b>Marshall Islands</b>					
135	Bokak Atoll	324	Yes	n.d.	Y
136	Jaluit Atoll Conservation Area	363	Yes	Low	
137	Kabin Meto [North-western atolls]	3408	No	n.d.	
138	Mili Atoll Nature Conservancy	250	Yes	n.d.	
139	Northern Ratak [Eastern chain]	2538	Yes	n.d.	

Site No <sup>1</sup>	Site Name	Approx Land Area (Hectares)	Existing Protected Area in the site?	Invasive Free Status <sup>3</sup>	Priority Site for CEPF investment
140	Southern Railik [Western chain]	3597	No	n.d.	
141	Southern Ratak [Eastern chain]	6376	No	n.d.	
<b>Niue</b>					
142	Huvalu Forest Conservation Area	6029	Yes	Low	
<b>Palau</b>					
143	Babeldaob and Koror Mangrove Forests	4200	No	n.d.	
144	Babeldaob Upland Forest (broad-leaved tropical forest on volcanic soils)	21000	No	n.d.	Y
145	Peleliu and Angaur Forests	2200	No	n.d.	
146	Rock islands Forest (limestone forest)	960	Yes	Medium	
<b>Pitcairn Islands</b>					
147	Henderson	3730	Yes	High	
148	Oeno	150	No	High	
149	Pitcairn	486	No	Medium	Y
<b>Samoa</b>					
150	Aleipata Islands	300	Yes	Medium	
151	Lake Lanoto'o National Park	60	Yes	Low	Y
152	O le Pupu Pu'e National Park	2857	Yes	Low	Y
153	Saanapu-Sataoa Mangrove forest	75	Yes	Low	
154	Savaii Lowland and Upland Forest	25000	Yes	Medium	Y
155	Uafato-Tiavea Coastal Forest	1300	Yes	Low	
<b>Tokelau</b>					
156	Tokelau	n.d.	No	n.d.	
<b>Tonga</b>					
157	'Eua	8700	Yes	n.d.	Y
158	Kao and Tofua National Parks	4990	Yes	Medium	
159	Niuafou'u Freshwater Lake	5300	No	Low	Y
<b>Wallis and Futuna</b>					
160	Alofi	3500	No	High	
<b>Transnational Site</b>					
161	Proposed Central Pacific World Heritage Site	8320	Yes	Mixed	

Notes:

n.d. = no data available

1. Site numbers are the same as those shown in Figure 3

2. Land area are approximate only

3. Invasive free status is a qualitative assessment of how free the site is of major invasive species (such as the ship rat, mongoose, vertebrate browsers and invasive weeds)

#### **Appendix 4. Calculation of Taxonomic Distinctiveness**

This taxonomic distinctiveness score is a measure of how special or unique the species is on a global scale.

For a given Family, we need:

Global number of genera (G)

Global number of species (S)

For a given Genus, we need:

Global number of species (Y)

The taxonomic distinctiveness equation is then

$$=((2*(1/Y))+(1/(G*S)))/3$$

The double weighting of Y is to draw out the monotypic genera along the scale of 0 to 1

The expression used in the query is:

$$((2*(1/[TaxGenus].[Global No of Species]))+(1/([Global No of Genera]*[TaxFam].[Global No of Species]]))/3$$