

Table S8. Biomes and ecoregions with suitability index values ≥ 0.4 .

Ecoregion	Realm	Biome ¹	Country	Mean	S.D.	Min	Max	Range	Minority	Majority
<i>Catsetum bicolor</i>										
Amazon-Orinoco-Southern Caribbean mangroves	NT	14	Colombia	0.03	0.08	0.00	0.95	0.95	0.00	0.00
Cauca Valley dry forests	NT	2	Colombia	0.23	0.16	0.00	0.71	0.71	0.00	0.13
Cauca Valley montane forests	NT	1	Colombia	0.11	0.11	0.00	0.73	0.73	0.00	0.02
Central American dry forests	NT	2	Costa Rica	0.02	0.04	0.00	0.63	0.63	0.00	0.01
Choco-Darien moist forests	NT	1	Colombia/Panama	0.16	0.24	0.00	0.97	0.97	0.00	0.16
Cordillera Oriental montane forests	NT	1	Colombia	0.04	0.06	0.00	0.72	0.72	0.00	0.01
Costa Rican seasonal moist forests	NT	1	Costa Rica	0.09	0.09	0.00	0.59	0.59	0.00	0.00
Eastern Panamanian montane forests	NT	1	Panama	0.48	0.22	0.01	0.90	0.90	0.01	0.36
Guajira-Barranquilla xeric scrub	NT	13	Colombia	0.03	0.07	0.00	0.65	0.65	0.00	0.01
Isthmian-Atlantic moist forests	NT	1	Panama	0.16	0.17	0.00	0.70	0.70	0.00	0.10
Isthmian-Pacific moist forests	NT	1	Costa Rica/Panama	0.24	0.16	0.00	0.68	0.68	0.00	0.29
Magdalena Valley dry forests	NT	2	Colombia	0.12	0.15	0.00	0.79	0.79	0.00	0.11
Magdalena Valley montane forests	NT	1	Colombia	0.14	0.17	0.00	0.91	0.91	0.00	0.16
Magdalena-Uraba moist forests	NT	1	Colombia	0.11	0.20	0.00	0.96	0.96	0.00	0.01
Maracaibo dry forests	NT	2	Venezuela	0.04	0.05	0.00	0.59	0.59	0.00	0.00
Mesoamerican Gulf-Caribbean mangroves	NT	14	Panama	0.01	0.04	0.00	0.72	0.72	0.00	0.00
Northern Andean paramo	NT	10	Colombia	0.01	0.03	0.00	0.53	0.53	0.00	0.00
Northwestern Andean montane forests	NT	1	Colombia	0.07	0.15	0.00	0.96	0.96	0.00	0.00
Panamanian dry forests	NT	2	Panama	0.11	0.14	0.00	0.67	0.67	0.00	0.00
Paraguana xeric scrub	NT	13	Venezuela	0.02	0.03	0.00	0.51	0.51	0.00	0.00
Sinu Valley dry forests	NT	2	Colombia	0.05	0.08	0.00	0.57	0.57	0.00	0.02
South American Pacific mangroves	NT	14	Colombia/Panama	0.05	0.13	0.00	0.71	0.71	0.00	0.00
Southern Mesoamerican Pacific mangroves	NT	14	Costa Rica/Panama	0.10	0.19	0.00	0.71	0.71	0.00	0.00
Venezuelan Andes montane forests	NT	1	Venezuela	0.08	0.11	0.00	0.70	0.70	0.00	0.01
<i>Catsetum ochraceum</i>										
Alto Parana Atlantic forests	NT	1	Brazil	0.13	0.16	0.00	0.71	0.71	0.00	0.10

Ecoregion	Realm	Biome ¹	Country	Mean	S.D.	Min	Max	Range	Minority	Majority
Apure-Villavicencio dry forests	NT	2	Colombia	0.03	0.07	0.00	0.87	0.87	0.00	0.01
Araucaria moist forests	NT	1	Brazil	0.41	0.08	0.17	0.66	0.50	0.17	0.36
Araya and Paria xeric scrub	NT	13	Venezuela	0.05	0.06	0.00	0.63	0.63	0.00	0.01
Atlantic dry forests	NT	2	Brazil	0.02	0.07	0.00	0.51	0.51	0.00	0.00
Bahamian-Antillean mangroves	NT	14	Saint Vincent and the Grenadines	0.05	0.09	0.00	0.79	0.79	0.00	0.02
Bahia coastal forests	NT	1	Brazil	0.19	0.13	0.00	0.65	0.65	0.00	0.10
Bahia interior forests	NT	1	Brazil	0.04	0.09	0.00	0.65	0.65	0.00	0.00
Belizian pine forests	NT	3	Belize	0.11	0.14	0.02	0.57	0.55	0.02	0.03
Caatinga	NT	13	Brazil	0.01	0.04	0.00	0.52	0.52	0.00	0.00
Campos Rupestres montane savanna	NT	7	Brazil	0.02	0.05	0.00	0.53	0.53	0.00	0.00
Caqueta moist forests	NT	1	Colombia	0.20	0.17	0.01	0.83	0.82	0.01	0.03
Caribbean shrublands	NT	13	Guadeloupe	0.18	0.11	0.00	0.66	0.66	0.00	0.00
Catatumbo moist forests	NT	1	Colombia/Venezuela	0.11	0.11	0.00	0.87	0.87	0.00	0.11
Cauca Valley dry forests	NT	2	Colombia	0.54	0.19	0.01	0.92	0.92	0.01	0.60
Cauca Valley montane forests	NT	1	Colombia	0.47	0.27	0.00	0.93	0.93	0.00	0.32
Central American Atlantic moist forests	NT	1	Honduras	0.11	0.13	0.00	0.75	0.75	0.00	0.10
Central American dry forests	NT	2	Honduras	0.01	0.04	0.00	0.50	0.50	0.00	0.00
Central American montane forests	NT	1	Honduras/Nicaragua	0.04	0.08	0.00	0.62	0.62	0.00	0.00
Central American pine-oak forests	NT	3	Honduras	0.04	0.09	0.00	0.73	0.73	0.00	0.00
Cerrado	NT	7	Brazil	0.01	0.04	0.00	0.59	0.59	0.00	0.00
Chiapas montane forests	NT	1	Mexico	0.11	0.11	0.00	0.61	0.61	0.00	0.23
Choco-Darien moist forests	NT	1	Colombia	0.23	0.17	0.00	0.92	0.92	0.00	0.13
Cordillera La Costa montane forests	NT	1	Venezuela	0.09	0.11	0.00	0.75	0.75	0.00	0.00
Cordillera Oriental montane forests	NT	1	Colombia	0.26	0.27	0.00	0.93	0.93	0.00	0.17
Costa Rican seasonal moist forests	NT	1	Costa Rica	0.01	0.06	0.00	0.77	0.77	0.00	0.00
Cuban cactus scrub	NT	13	Cuba	0.10	0.15	0.00	0.70	0.70	0.00	0.02
Cuban dry forests	NT	2	Cuba	0.03	0.05	0.00	0.74	0.74	0.00	0.01
Cuban moist forests	NT	1	Cuba	0.16	0.21	0.00	0.81	0.81	0.00	0.01
Cuban pine forests	NT	3	Cuba	0.13	0.16	0.01	0.76	0.76	0.01	0.01

Ecoregion	Realm	Biome ¹	Country	Mean	S.D.	Min	Max	Range	Minority	Majority
Eastern Cordillera real montane forests	NT	1	Colombia/Peru	0.05	0.10	0.00	0.86	0.86	0.00	0.01
Eastern Panamanian montane forests	NT	1	Colombia/Panama	0.20	0.20	0.00	0.79	0.79	0.00	0.05
Guianan Highlands moist forests	NT	1	Brazil/Venezuela	0.15	0.15	0.00	0.81	0.81	0.00	0.10
Guianan moist forests	NT	1	Guyana	0.08	0.08	0.00	0.68	0.68	0.00	0.10
Guianan piedmont and lowland moist forests	NT	1	Brazil/Venezuela	0.11	0.14	0.00	0.79	0.79	0.00	0.11
Guianan savanna	NT	7	Brazil/Venezuela	0.06	0.11	0.00	0.75	0.75	0.00	0.00
Hispaniolan dry forests	NT	2	Dominican Republic	0.08	0.11	0.00	0.70	0.70	0.00	0.00
Hispaniolan moist forests	NT	1	Haiti/Dominican Republic	0.24	0.21	0.00	0.87	0.87	0.00	0.14
Hispaniolan pine forests	NT	3	Haiti/Dominican Republic	0.18	0.20	0.00	0.87	0.87	0.00	0.01
Isthmian-Atlantic moist forests	NT	1	Costa Rica/Panama	0.17	0.18	0.00	0.88	0.88	0.00	0.13
Isthmian-Pacific moist forests	NT	1	Costa Rica/Panama	0.02	0.06	0.00	0.82	0.82	0.00	0.01
Jamaican dry forests	NT	2	Jamaica	0.15	0.14	0.01	0.61	0.60	0.01	0.11
Jamaican moist forests	NT	1	Jamaica	0.42	0.24	0.01	0.84	0.82	0.01	0.08
Japura Solimoes-Negro moist forests	NT	1	Colombia	0.08	0.11	0.00	0.57	0.57	0.00	0.02
La Costa xeric shrublands	NT	13	Venezuela	0.01	0.03	0.00	0.73	0.73	0.00	0.00
Lara-Falcon dry forests	NT	2	Venezuela	0.11	0.12	0.00	0.84	0.84	0.00	0.20
Leeward Islands moist forests	NT	1	Guadeloupe/Saint Kitts and Nevis	0.44	0.19	0.12	0.87	0.75	0.12	0.12
Llanos	NT	7	Colombia	0.01	0.02	0.00	0.65	0.65	0.00	0.00
Magdalena Valley dry forests	NT	2	Colombia	0.27	0.22	0.01	0.93	0.92	0.01	0.10
Magdalena Valley montane forests	NT	1	Colombia	0.34	0.27	0.00	0.94	0.94	0.00	0.11
Magdalena-Uraba moist forests	NT	1	Colombia	0.04	0.06	0.00	0.72	0.72	0.00	0.02
Maracaibo dry forests	NT	2	Venezuela	0.04	0.06	0.00	0.54	0.54	0.00	0.01
Napo moist forests	NT	1	Colombia	0.09	0.15	0.00	0.90	0.90	0.00	0.01
Negro-Branco moist forests	NT	1	Brazil/Venezuela	0.16	0.12	0.00	0.74	0.74	0.00	0.27
Northern Andean paramo	NT	10	Colombia	0.01	0.06	0.00	0.90	0.90	0.00	0.00
Northwestern Andean montane forests	NT	1	Colombia/Ecuador	0.27	0.28	0.00	0.93	0.93	0.00	0.74
Panamanian dry forests	NT	2	Panama	0.00	0.02	0.00	0.58	0.58	0.00	0.00
Pantepui	NT	1	Brazil/Venezuela	0.13	0.13	0.00	0.79	0.79	0.00	0.20
Paraguana xeric scrub	NT	13	Colombia	0.02	0.04	0.00	0.54	0.54	0.00	0.00

Ecoregion	Realm	Biome ¹	Country	Mean	S.D.	Min	Max	Range	Minority	Majority
Patia Valley dry forests	NT	2	Colombia	0.46	0.18	0.15	0.93	0.78	0.15	0.21
Peruvian Yungas	NT	1	Peru	0.02	0.04	0.00	0.73	0.73	0.00	0.00
Peten-Veracruz moist forests	NT	1	Guatemala/México	0.06	0.09	0.00	0.76	0.76	0.00	0.01
Puerto Rican dry forests	NT	2	Puerto Rico	0.07	0.09	0.00	0.57	0.57	0.00	0.00
Puerto Rican moist forests	NT	1	Puerto Rico	0.44	0.19	0.01	0.84	0.82	0.01	0.39
Purus varzea	NT	1	Colombia	0.03	0.09	0.00	0.58	0.58	0.00	0.01
Rio Negro campinarana	NT	1	Brazil	0.09	0.10	0.00	0.53	0.53	0.00	0.02
Sechura desert	NT	13	Peru	0.02	0.06	0.00	0.60	0.60	0.00	0.15
Serra do Mar coastal forests	NT	1	Brazil	0.15	0.18	0.00	0.78	0.78	0.00	0.02
South American Pacific mangroves	NT	14	Colombia	0.16	0.20	0.00	0.64	0.64	0.00	0.39
Southern Atlantic mangroves	NT	14	Brazil	0.16	0.17	0.00	0.78	0.78	0.00	0.00
Southwest Amazon moist forests	NT	1	Peru	0.01	0.02	0.00	0.66	0.66	0.00	0.00
Talamancan montane forests	NT	1	Costa Rica/Panama	0.31	0.29	0.00	0.88	0.88	0.00	0.00
Trinidad and Tobago moist forests	NT	1	Trinidad and Tobago	0.17	0.09	0.01	0.73	0.72	0.01	0.13
Ucayali moist forests	NT	1	Peru	0.04	0.06	0.00	0.62	0.62	0.00	0.01
Venezuelan Andes montane forests	NT	1	Venezuela	0.18	0.20	0.00	0.90	0.90	0.00	0.11
Western Ecuador moist forests	NT	1	Ecuador	0.02	0.06	0.00	0.59	0.59	0.00	0.00
Windward Islands moist forests	NT	1	Dominica/Martinique/Saint Vincent and the Grenadines	0.35	0.18	0.09	0.83	0.74	0.09	0.26

¹Tropical and subtropical moist broadleaf forests; ² Tropical and subtropical dry broadleaf forests; ³ Tropical and subtropical coniferous forests, ⁷ Tropical and subtropical grasslands, savannas and shrublands; ¹⁰ Montane grasslands and shrublands; ¹³ Deserts and xeric shrublands, ¹⁴ Mangrove.