

Supplementary Material

Table S.3.1 Degraded or transformed land (given as total area in km² and relative importance in %) for each regional and stand scale ecosystem defined for São Tomé

	Roads and paths	Urban areas	Oil palm plantation	Secondary forest	Shade plantation	Open vegetation ¹
Coastal shores						
Undifferentiated shores	0.9 km ² 9.8 %	0.6 km ² 6.9 %				
Sandy shores	0.01 km ² 3.4 %					
All (54.6 %)	0.92 km ² 8.8 %	0.6 km ² 6.1 %	0.01 km ² 0.1 %	2.7 km ² 25.8 %	2.88 km ² 27.6 %	
Deciduous lowland forest and woodlands						
Mesic	9.9 km ² 4 %	15 km ² 6%				34.5 km ² 13.9 %
On vertissols	2.5 km ² 4.9 %	4.4 km ² 8.5 %				29.2 km ² 56.7 %
In valleys						0.7 km ² 6.7 %
On steep slopes						1.2 km ² 5.5 %
On fluviossols	0.9 km ² 7.4 %	1.81 km ² 15 %				4.1 km ² 34.1 %
All (95.6 %)	13.5 km ² 3.9 %	21.3 km ² 6.2 %		58.2 km ² 16.9 %	167.4 km ² 48.6 %	69.6 km ² 20.2 %
Montane rainforest						
All (1.8 %)	< 0.1 km ² 0.2 %			0.1 km ² 1.3 %		< 0.1 km ² 0.2 %
Wet submontane rainforest						
Mesic						6.3 km ² 15.8 %

In valley					0.2 km ²	
					4.2 %	
On ridge					0.2 km ²	
					2.8 %	
All (26.7 %)	0.4 km ²	0.1 km ²		12.2 km ²	2 km ²	6.9 km ²
	0.5 %	0.1 %		15.2 %	2.5 %	8.6 %
Moist and wet lowland rainforest						
Mesic			22.8 km ²			11 km ²
			6.9 %			3.3 %
On ridge						0.5 km ²
						1.5 %
In valleys						0.7 km ²
						3.1 %
On fluviossols	0.2 km ²	0.1 km ²	0.5 km ²			2.1 km ²
	1.3 %	1.1 %	4.6 %			18 %
All (63.2%)	3.1 km ²	1.4 km ²	23.4 km ²	194.4 km ²	53.5 km ²	14.7 km ²
	0.7 %	0.3 %	5.1 %	42.3 %	11.6 %	3.2 %

¹ Including agricultural lands and savanna-like vegetation

Table S.3.2 Degraded or transformed land (given as total area in km² and relative importance in %) for each regional and stand scale ecosystem defined for Príncipe

	Secondary forest	Urban areas	Roads and paths	Shade forest	Open vegetation ¹
Coastal shores					
Undifferentiated shores	1.21 km ² 57 %		0.03 km ² 1.2 %		
Mangroves	0.01 km ² 43.6 %		0 km ² 1 %		
Sandy shores	11.46 km ² 12.2 %	5.17 km ² 5.5 %	0.93 km ² 1 %		
Palustrine areas	0.54 km ² 4.3 %	5.82 km ² 46.2 %	1.17 km ² 9.3 %	0.18 km ² 1.4 %	
All	13.23 km ² 12.18 %	11 km ² 10.13 %	2.13 km ² (1.96 %)	0.18 km ² 0.17 %	64.64 km ² 59.51 %
Deciduous lowland forest and woodlands					
In valleys			0.01 km ² 5.9 %	0.09 km ² 85 %	0.01 km ² 9 %
Mesic	10.08 km ² 23.4 %	1.7 km ² 4%	1.83 km ² 4.2%	24.43 km ² 56.7 %	5.03 km ² 11.7%
On steep slope	0.14 km ² 86.2%				0.02 km ² 13.2%
All	10.21 km ² 23.55 %	1.7 km ² 3.93 %	1.84 km ² 4.23 %)	24.52 km ² 56.54 %)	5.06 km ² 11.67 %
Wet submontane rainforest					
Mesic					~ 0 km ² 1 %
On ridge					0.01 km ² 5 %
On steep slope					0.03 km ² 6%
All					0.04 km ²

					4.4 %
Moist and wet lowland rainforest					
Mesic	24.27 km ²		0.98 km ²	16.42 km ²	3.16 km ²
	32.7 %		1.3 %	22.1 %	4.3 %
On ridge	0.64 km ²			0.24 km ²	0.08 km ²
	13.4 %			5.1 %	1.6 %
On steep slope	0.37 km ²				0.21 km ²
	3.9 %				2.3 %
In valleys	0.6 km ²			0.09 km ²	0.08 km ²
	15.6 %			2.3 %	2.1 %
All	25.87 km ²	0.17 km ²	1.01 km ²	16.76 km ²	3.53 km ²
	28.06 %	0.19 %	1.09 %	18.18 %	3.83 %

¹ Including agricultural lands and savanna-like vegetation