

**Table S2.** Gymnosperms and their relation to water: Category 4 – hydrophobic taxa never growing in vicinity of water bodies and/or not supporting water logged soils; Category 3 – facultative inhabitants of wetlands, peat bogs, shores of water bodies, etc. (at least one known subspecies, ecotype or population group) well supporting water logged soils; Category 2 – facultative inhabitants of water bodies with special adaptations (e.g., buttressed trunks, knees, germination in water, etc.); Category 1 – obligate inhabitant of water bodies.

group	family (total spp.)	category 4 (%)	category 3 (%)	category 2 (%)	category 1 (%)
<b>Conifers</b>					
	Araucariaceae (37)	34 (91.9)	3 (8.1)	-	-
	Cephalotaxaceae (8)	4 (50.0)	4 (50.0)	-	-
	Cupressaceae (135)	106 (78.5)	26 (19.3)	<b>3 (2.2)</b>	-
	Pinaceae (231)	184 (79.7)	47 (20.3)	-	-
	Podocarpaceae + Phyllocl. (178)	120 (67.4)	55 (30.9)	<b>2 (1.1)</b>	<b>1 (0.6)</b>
	Sciadopityaceae (1)	1 (100.0)	-	-	-
	Taxaceae (24)	11 (45.8)	13 (54.2)	-	-
	<b>Total Conifers (614)</b>	<b>460 (74.9)</b>	<b>148 (24.1)</b>	<b>5 (0.8)</b>	<b>1 (0.2)</b>
	<b>Ginkgophytes (1)</b>	<b>1 (100.0)</b>	-	-	-
<b>Cycads</b>					
	Cycadaceae (96)	91(94.8)	5 (5.2)	-	-
	Stangeriaceae (3)	2 (66.7)	1 (33.3)	-	-
	Zamiaceae (192)	176 (91.7)	16 (8.3)	-	-
	<b>Total Cycads (291)</b>	<b>269 (92.4)</b>	<b>22 (7.6)</b>	-	-
<b>Gnetophytes</b>					
	Ephedraceae (37)	36 (97.3)	1 (2.7)	-	-
	Gnetaceae (42)	38 (90.5)	4 (9.5)	-	-
	Welwitschiaceae (1)	1 (100.0)	-	-	-
	<b>Total Gnetophytes (80)</b>	<b>75 (93.7)</b>	<b>5 (6.3)</b>	-	-
	<b>Total Gymnosperms (986)</b>	<b>805 (81.6)</b>	<b>175 (17.8)</b>	<b>5 (0.5)</b>	<b>1 (0.1)</b>