

附录 3 海南 27 种受威胁苔藓植物的环境变量贡献率

Appendix 3 Contribution rates of environmental variables for 27 threatened bryophyte species in Hainan

物种 Species	环境变量 Environmental variable	贡献率 Contribution (%)
斜角角鳞苔 <i>Drepanolejeunea obliqua</i>	昼夜温差月均值 Mean diurnal range	47.4
	年温度变化范围 Temperature annual range	31.1
	最热月份最高温 Max temperature of warmest month	21.1
	最干月降水量 Precipitation of driest month	0.4
爪哇扁锦藓 <i>Glossadelphus similans</i>	昼夜温差月均值 Mean diurnal range	62.1
	最冷月份最高温 Min temperature of coldest month	16.6
	最热季降水量 Precipitation of warmest quarter	8.6
	最干月降水量 Precipitation of driest month	7.7
	最湿季均温 Mean temperature of wettest quarter	3.3
	植被覆盖度 Vegetation coverage	1.6
	湿度变化方差 Precipitation seasonality	0.0
刺网藓 <i>Syrrhopodon armatispinosus</i>	昼夜温差月均值 Mean diurnal range	70.2
	最冷季降水量 Precipitation of coldest quarter	22.2
	年温度变化范围 Temperature annual range	5.1
	太阳辐射 Solar radiation	0.9
	年平均气温 Annual mean temperature	0.6
	最湿月降水量 Precipitation of wettest month	0.5
	植被覆盖度 Vegetation coverage	0.3
	湿度变化方差 Precipitation seasonality	0.2
巴西网藓 <i>Syrrhopodon prolifer</i>	昼夜温差月均值 Mean diurnal range	75.7
	年温度变化范围 Temperature annual range	13.7
	最干月降水量 Precipitation of driest month	4.4
	海拔 Altitude	2.2
	最湿季均温 Mean temperature of wettest quarter	1.6
	最冷季均温 Mean temperature of coldest quarter	1.2
	植被覆盖度 Vegetation coverage	0.8
	最热季降水量 Precipitation of warmest quarter	0.5
东亚毛鳞苔 <i>Thysananthus aculeatus</i>	昼夜温差月均值 Mean diurnal range	89.9
	昼夜温差与年温差比值 Isothermality	5.2
	最湿季均温 Mean temperature of wettest quarter	2.4
	年均降水量 Annual precipitation	1.6
	海拔 Altitude	0.8
	植被覆盖度 Vegetation coverage	0.1
越南鞭苔 <i>Bazzania vietnamica</i>	昼夜温差月均值 Mean diurnal range	91.3
	昼夜温差与年温差比值 Isothermality	5.9
	最冷季降水量 Precipitation of coldest quarter	2.0
	植被覆盖度 Vegetation coverage	0.5
	太阳辐射 Solar radiation	0.3
海南花锦藓 <i>Chionostomum hainanense</i>	昼夜温差月均值 Mean diurnal range	46.2
	年温度变化范围 Temperature annual range	29.4
	海拔 Altitude	14.5
	最冷季降水量 Precipitation of coldest quarter	9.6
	太阳辐射 Solar radiation	0.2
海南疣鳞苔 <i>Cololejeunea hainanensis</i>	昼夜温差月均值 Mean diurnal range	58.0
	植被覆盖度 Vegetation coverage	14.4

物种 Species	环境变量 Environmental variable	贡献率 Contribution (%)
	最热月份最高温 Max temperature of warmest month	8.9
	昼夜温差与年温差比值 Isothermality	7.0
	最冷季降水量 Precipitation of coldest quarter	6.9
	最热季降水量 Precipitation of warmest quarter	4.8
	湿度变化方差 Precipitation seasonality	0.0
婆罗洲扁萼苔 <i>Radula borneensis</i>	昼夜温差月均值 Mean diurnal range	46.6
	年温度变化范围 Temperature annual range	45.9
	最干季降水量 Precipitation of driest quarter	5.0
	植被覆盖度 Vegetation coverage	1.8
	最热季降水量 Precipitation of warmest quarter	0.4
	年平均气温 Annual mean temperature	0.3
曲瓣扁萼苔 <i>Radula kurzii</i>	昼夜温差月均值 Mean diurnal range	53.8
	太阳辐射 Solar radiation	25.5
	昼夜温差与年温差比值 Isothermality	7.6
	最热季降水量 Precipitation of warmest quarter	6.4
	最热月份最高温 Max temperature of warmest month	6.1
	植被覆盖度 Vegetation coverage	0.6
	最干季均温 Mean temperature of driest quarter	0.0
海南明叶藓 <i>Vesicularia hainanensis</i>	昼夜温差月均值 Mean diurnal range	51.9
	最冷季降水量 Precipitation of coldest quarter	20.2
	太阳辐射 Solar radiation	14.3
	昼夜温差与年温差比值 Isothermality	8.3
	最热季降水量 Precipitation of warmest quarter	4.9
	植被覆盖度 Vegetation coverage	0.4
	最冷月份最高温 Min temperature of coldest month	0.0
齿边扁萼苔 <i>Radula anceps</i>	年温度变化范围 Temperature annual range	75.9
	最热月份最高温 Max temperature of warmest month	10.8
	最干季降水量 Precipitation of driest quarter	9.1
	最热季降水量 Precipitation of warmest quarter	2.6
	湿度变化方差 Precipitation seasonality	0.9
	昼夜温差月均值 Mean diurnal range	0.7
大角鳞苔 <i>Drepanolejeunea grandis</i>	年温度变化范围 Temperature annual range	53.7
	昼夜温差月均值 Mean diurnal range	22.0
	最热月份最高温 Max temperature of warmest month	13.4
	植被覆盖度 Vegetation coverage	4.4
	最湿月降水量 Precipitation of wettest month	2.3
	太阳辐射 Solar radiation	1.9
大扁萼苔 <i>Radula sumatrana</i>	年温度变化范围 Temperature annual range	58.3
	昼夜温差月均值 Mean diurnal range	34.8
	植被覆盖度 Vegetation coverage	3.0
	最湿季降水量 Precipitation of wettest quarter	1.6
	海拔 Altitude	1.3
	太阳辐射 Solar radiation	1.0
顶胞藓粗枝变种 <i>Acroporium stramineum</i> var. <i>turgidum</i>	年温度变化范围 Temperature annual range	82.2
	昼夜温差月均值 Mean diurnal range	13.5
	最干月降水量 Precipitation of driest month	2.5
	植被覆盖度 Vegetation coverage	0.8
	最热月份最高温 Max temperature of warmest month	0.7
	最湿月降水量 Precipitation of wettest month	0.2
尾枝耳平藓 <i>Calypothecium ramosii</i>	年温度变化范围 Temperature annual range	37.2

物种 Species	环境变量 Environmental variable	贡献率 Contribution (%)
	最干月降水量 Precipitation of driest month	31.0
	昼夜温差月均值 Mean diurnal range	21.2
	太阳辐射 Solar radiation	9.1
	最湿季均温 Mean temperature of wettest quarter	1.2
	最湿季降水量 Precipitation of wettest quarter	0.4
假肋唇鳞苔 <i>Cheilolejeunea falsinervis</i>	年温度变化范围 Temperature annual range	50.6
	最热月份最高温 Max temperature of warmest month	32.4
	昼夜温差月均值 Mean diurnal range	7.3
	最冷季降水量 Precipitation of coldest quarter	5.3
	最湿季降水量 Precipitation of wettest quarter	1.8
	太阳辐射 Solar radiation	1.4
	湿度变化方差 Precipitation seasonality	1.2
阔叶网藓 <i>Syrrhopodon semiliber</i>	年温度变化范围 Temperature annual range	44.2
	最干月降水量 Precipitation of driest month	33.7
	最湿月降水量 Precipitation of wettest month	16.9
	昼夜温差月均值 Mean diurnal range	5.2
	最热季均温 Mean temperature of warmest quarter	0.0
	湿度变化方差 Precipitation seasonality	0.0
东亚虫叶苔 <i>Zoopsis liukiensis</i>	年温度变化范围 Temperature annual range	31.9
	植被覆盖度 Vegetation coverage	28.0
	最干季均温 Mean temperature of driest quarter	10.6
	海拔 Altitude	10.5
	最干月降水量 Precipitation of driest month	6.9
	最热季降水量 Precipitation of warmest quarter	5.6
	太阳辐射 Solar radiation	3.3
	昼夜温差月均值 Mean diurnal range	1.4
	湿度变化方差 Precipitation seasonality	0.9
	最湿季均温 Mean temperature of wettest quarter	0.8
南亚圆网藓 <i>Cyclodictyon blumeanum</i>	最干月降水量 Precipitation of driest month	38.0
	昼夜温差与年温差比值 Isothermality	20.4
	海拔 Altitude	18.3
	植被覆盖度 Vegetation coverage	11.9
	最冷月份最高温 Min temperature of coldest month	4.4
	最湿月降水量 Precipitation of wettest month	3.1
	太阳辐射 Solar radiation	2.1
	昼夜温差月均值 Mean diurnal range	1.0
	湿度变化方差 Precipitation seasonality	0.8
莫氏偏蒴藓 <i>Ectropothecium moritzii</i>	温度变化方差 Temperature seasonality	43.2
	最冷季降水量 Precipitation of coldest quarter	31.6
	最热季降水量 Precipitation of warmest quarter	10.1
	植被覆盖度 Vegetation coverage	5.7
	最热月份最高温 Max temperature of warmest month	3.2
	湿度变化方差 Precipitation seasonality	2.5
	昼夜温差月均值 Mean diurnal range	1.9
	太阳辐射 Solar radiation	1.8
大胞密鳞苔 <i>Pycnolejeunea grandicellata</i>	温度变化方差 Temperature seasonality	25.4
	最热季降水量 Precipitation of warmest quarter	24.6
	植被覆盖度 Vegetation coverage	21.3
	太阳辐射 Solar radiation	12.1
	海拔 Altitude	7.7
	最干月降水量 Precipitation of driest month	7.5
	最湿季均温 Mean temperature of wettest quarter	0.7
湿度变化方差 Precipitation seasonality	0.4	

物种 Species	环境变量 Environmental variable	贡献率 Contribution (%)
	昼夜温差月均值 Mean diurnal range	0.2
带叶耳平藓 <i>Calypothecium phyllogonioides</i>	最热季降水量 Precipitation of warmest quarter	38.3
	最干月降水量 Precipitation of driest month	27.2
	温度变化方差 Temperature seasonality	21.4
	太阳辐射 Solar radiation	10.7
	昼夜温差月均值 Mean diurnal range	0.9
	湿度变化方差 Precipitation seasonality	0.8
	最湿季均温 Mean temperature of wettest quarter	0.4
	海拔 Altitude	0.3
白绿细鳞苔 <i>Lejeunea pallidevirens</i>	最干月降水量 Precipitation of driest month	29.0
	温度变化方差 Temperature seasonality	23.2
	昼夜温差月均值 Mean diurnal range	20.1
	最热季降水量 Precipitation of warmest quarter	19.2
	植被覆盖度 Vegetation coverage	5.4
	海拔 Altitude	2.1
	湿度变化方差 Precipitation seasonality	0.9
	太阳辐射 Solar radiation	0.1
卷叶网藓 <i>Syrrhopodon involutus</i>	温度变化方差 Temperature seasonality	51.9
	最干季降水量 Precipitation of driest quarter	31.1
	植被覆盖度 Vegetation coverage	8.6
	最湿月降水量 Precipitation of wettest month	4.7
	昼夜温差月均值 Mean diurnal range	1.2
	海拔 Altitude	1.0
	湿度变化方差 Precipitation seasonality	0.9
	太阳辐射 Solar radiation	0.8
舌叶网藓 <i>Syrrhopodon loreus</i>	昼夜温差与年温差比值 Isothermality	52.2
	最冷月份最高温 Min temperature of coldest month	13.7
	最干季降水量 Precipitation of driest quarter	11.6
	昼夜温差月均值 Mean diurnal range	10.4
	植被覆盖度 Vegetation coverage	9.3
	太阳辐射 Solar radiation	2.5
	最湿月降水量 Precipitation of wettest month	0.2
	湿度变化方差 Precipitation seasonality	0.1
直叶网藓 <i>Syrrhopodon muelleri</i>	最冷季降水量 Precipitation of coldest quarter	26.7
	植被覆盖度 Vegetation coverage	23.4
	年均降水量 Annual precipitation	20.3
	温度变化方差 Temperature seasonality	13.6
	太阳辐射 Solar radiation	9.2
	年平均气温 Annual mean temperature	4.8
	昼夜温差月均值 Mean diurnal range	1.4
	湿度变化方差 Precipitation seasonality	0.5