

Trop	Africa	Equatorial Guinea	3,250	3,250	66	66	11	28,051	y	66	66	66	66	66	66	S2
Trop	Africa	Ethiopia	>6100	6,100	>600	600	163	1,127,127		600	600	300	300	300		S2
Trop	Pacific Island	Federated States of Micronesia	1,194	1,194	293	293	4	702	y	293	293	293	293	293	293	S2
Trop	Pacific Island	Fiji	1,628	1,628	812	812	74	18,270	y	812	812	812	812	812	812	S2
Temp	Europe	Finland	1,045	1,045	0	0	6	305,470		0	6	6	6	6		S2
Temp	Europe	Former USSR	17,500	17,500	2,500	2,500	785			2,500	785	785	785	785		S2
Temp	Europe	France	4,650	4,650	133	133	195	545,630		133	195	195	195	195		S2
Trop	South America	French Guiana	>4,500	4,500	>150	150	98	91,000	y	150	150	150	150	150	150	S2, S7
Trop	Pacific Island	French Polynesia/Marquesas	959	959	560	560	187	4,167	y	560	560	560	560	560	560	S2
Trop	Africa	Gabon	7,151	7,151	1,573	1,573	91	267,667	y	1,573	1,573	1,573	1,573	1,573	1,573	S2
Trop	Africa	Gambia	974	974	0	0	1	11,300		0	0	0	0	0		S2
Temp	Europe	Germany	2,700	2,700	6	6	14	349,520		6	14	14	14	14		S2
Trop	Africa	Ghana	3,725	3,725	43	43	103	238,540		43	43	22	43	43		S2
Temp	Europe	Greece	5,000	5,000	742	742	571	130,800		742	571	571	571	571		S2
Temp	Greenland	Greenland	497	497	15	15	5	2,175,600		15	5	5	5	5		S2
Trop	Caribbean	Grenada	875	875	4	4	8	340	y	4	4	4	4	4	4	S2
Trop	Caribbean	Guadeloupe	1,672	1,672	23	23	26	1,780	y	23	23	23	23	23	23	S2
Trop	Pacific Island	Guam	330	330	69	69	18	549	y	69	69	69	69	69	69	S2
Trop	Mesoamerica	Guatemala	8,000	8,000	1,171	1,171	355	108,890	y	1,171	1,171	1,171	1,171	1,171	1,171	S2
Trop	Africa	Guinea	>3000	3,000	88	88	39	245,857		88	88	44	88	88		S2
Trop	Africa	Guinea-Bissau	>1000	1,000	12	12	0	36,120		12	12	6	12	12		S2
Trop	South America	Guyana	6,417	6,417	284	284	152	214,970	y	284	284	284	284	284	284	S7
Trop	Caribbean	Haiti	5,242	5,242	1,445	1,445	100	27,750	y	1,445	1,445	1,445	1,445	1,445	1,445	S2
Trop	Mesoamerica	Honduras	6,000	6,000	148	148	96	112,090	y	148	148	148	148	148	148	S2
Temp	Europe	Hungary	2,200	2,200	38	38	30	92340		38	30	30	30	30		S2
Temp	Europe	Iceland	378	378	1	1	1	100,250		1	1	1	1	1		S2
Trop	Asia	India	17,000	17,000	6800-7650	7,225	1,236	3,287,590	y	7,225	7,225	7,225	3,613	7,225	7,225	S2
Trop	Asia	Indonesia	29,375	29,375	~10000	10,000	264	1,919,440	y	10,000	10,000	10,000	5,000	10,000	10,000	S2
Temp	Asia	Iran	8000	8000	1400	1400	2	1,636,000		1,400	2	2	2	2		S2
Temp	Asia	Iraq	3000	3000	190	190	0	432,162		190	0	0	0	0		S2
Temp	Europe	Ireland	950	950			1	68890		0	1	1	1	1		S2
Temp	Asia	Israel	2225	2225	165	165	32	20,330		165	32	32	32	32		S2
Temp	Europe	Italy	5,600	5,600	712	712	311	294,020		712	311	311	311	311		S2
Trop	Caribbean	Jamaica	3,304	3,304	923	923	744	10,990	y	923	923	923	923	923	923	S2
Temp	Asia	Japan	5,565	5,565	>222	222	707	374,744		222	707	707	707	707		S2
Temp	Asia	Jordan	2100	2100	145	145	9	88,884		145	9	9	9	9		S2
Trop	Africa	Kenya	6,506	6,506	265	265	240	582,650	y	265	265	265	133	265	265	S2
Trop	Pacific Island	Kiribati	22	22	2	2	0	717	y	2	2	2	2	2	2	S2
Temp	Asia	Kuwait	282	282	0	0	0	17,820		0	0	0	0	0		S2
Trop	Asia	Laos	8,286	8,286	1,457	1,457	2	230,800	y	1,457	1,457	1,457	1,457	1,457	1,457	S4
Temp	Asia	Lebanon	2600	2600	311	311	5	10,230		311	5	5	5	5		S2
Temp	Africa	Lesotho	1,591	1,591	2	2	21	30,350		2	21	21	21	21		S2
Trop	Africa	Liberia	>2200	2,200	103	103	25	113,370	y	103	103	103	103	103	103	S2
Temp	Africa	Libya	1,825	1,825	134	134	57	1,759,540		134	57	57	57	57		S2
Temp	Europe	Liechtenstein	1,400	1,400			3	160		0	3	3	3	3		S2
Trop	Africa	Madagascar	10,000	10,000	8,000	8,000	306	587,040	y	8,000	8,000	8,000	4,000	8,000	8,000	S2
Temp	Atlantic Island	Madeira	1,119	1,119	106	106				106	0	0	0	0		S2
Trop	Africa	Malawi	3,765	3,765	49	49	61	118,480		49	49	25	49	49		S2
Trop	Asia	Malaysia	15,000	15,000	3,600	3,600	490	328,550	y	3,600	3,600	3,600	1,800	3,600	3,600	S4
Trop	Indian Ocean Island	Maldives	277	277	5	5	0	300		5	5	3	5	5		S2
Trop	Africa	Mali	>1741	1,741	11	11	15	1,240,000		11	11	6	6	6		S2
Temp	Europe	Malta	914	914	5	5	15	316		5	15	15	15	15		S2
Trop	Pacific Island	Marshall Islands	54	54	5	5	0	181	y	5	5	5	5	5	5	S2
Trop	Caribbean	Martinique	1,505	1,505	24	24	44	1,100	y	24	24	24	24	24	24	S2
Trop	Africa	Mauritania	1,100	1,100	?		3	1,030,700		0	0	0	0	0		S2
Trop	Indian Ocean Island	Mauritius	685	685	311	311	294	1,860	y	311	311	311	311	311	311	S2
Trop	Mesoamerica	Mexico	18-30,000	24,000	10-15000	10,000	1,593	1,923,040	y	10,000	10,000	10,000	5,000	10,000	10,000	S2
Temp	Asia	Mongolia	2,272	2,272	229	229	0	1,565,000		229	0	0	0	0		S2
Trop	Caribbean	Montserrat	670	670	2	2	2	100	y	2	2	2	2	2	2	S2
Temp	Africa	Morocco	3,675	3,675	625	625	186	446,300		625	186	186	186	186		S2
Trop	Africa	Mozambique	5,692	5,692	219	219	89	801,590		219	219	110	110	110		S2
Trop	Asia	Myanmar	14,000	14,000	1,700	1,700	32	678,500	y	1,700	1,700	1,700	850	1,700	1,700	S2

Trop	Africa	Namibia	3,174	3,174	?		75	825,418		0	0	0	0	0		S2
Trop	Pacific Island	Nauru	54	54	1	1	0	21	y	1	1	1	1	1	1	S2
Temp	Asia	Nepal	7,000	7,000	350	350	20	136,800		350	20	20	20	20		S2
Temp	Europe	Netherlands	1,200	1,200			1	33,889		0	1	1	1	1		S2
Trop	Australia	New Caledonia	3,322	3,322	2,551	2,551	480	19,060	y	2,551	2,551	2,551	2,551	2,551	2,551	S2
Temp	Australia	New Zealand	2,400	2,400	1,942	1,942	211	268,670		1,942	211	211	211	211		S2
Trop	Mesoamerica	Nicaragua	5,796	5,796	79	79	98	129,494	y	79	79	79	79	79	79	S6
Trop	Africa	Niger	1,178	1,178	0	0	0	1,267,000		0	0	0	0	0		S2
Trop	Africa	Nigeria	4,715	4,715	205	205	37	923,768		205	205	103	103	103		S2
Trop	Pacific Island	Niue	178	178	1	1	1	260	y	1	1	1	1	1	1	S2
Temp	Asia	North & South Korea	2,898	2,898	407	407	66	218,600		407	66	66	66	66		S2
Temp	Europe	Norway	1,600	1,600	1	1	12	307,860		1	12	12	12	12		S2
Trop	Asia	Oman	1,200	1,200	73	73	30	212,460		73	73	37	73	73		S2
Temp	Asia	Pakistan	5,100	5,100	400	400	14	778,720		400	14	14	14	14		S2
Trop	Pacific Island	Palau	175	175	3	3	0	458	y	3	3	3	3	3	3	S2
Trop	Mesoamerica	Panama	8,750	8,750	1,230	1,230	1,302	78,200	y	1,230	1,230	1,230	1,230	1,230	1,230	S2
Trop	Asia	Papua New Guinea	15-20000	17,500	10500-16000	13,250	92	462,840	y	13,250	13,250	13,250	6,625	13,250	13,250	S2
Temp	South America	Paraguay	7000-8000	7500			129	397,300		0	129	129	129	129		S2
Trop	South America	Peru	18,966	18,966	5,995	5,995	906	1,285,220	y	5,995	5,995	5,995	2,998	5,995	5,995	S12, S13, S16,
Trop	Asia	Philippines	8,931	8,931	3,500	3,500	360	300,000	y	3,500	3,500	3,500	1,750	3,500	3,500	S2
Temp	Pacific Island	Pitcairn Islands	76	76	14	14	14	47		14	14	14	14	14		S2
Temp	Europe	Poland	2,450	2,450	3	3	27	304510		3	27	27	27	27		S2
Temp	Europe	Portugal (mainland)	2,600	2,600	3	3		91951		3	0	0	0	0		S2
Trop	Caribbean	Puerto Rico	2,492	2,492	236	236	223	9,104	y	236	236	236	236	236	236	S2
Temp	Asia	Qatar	306	306	0	0	0	11,437		0	0	0	0	0		S2
Trop	Indian Ocean Island	Reunion	546	546	189	189	99	2,512	y	189	189	189	189	189	189	S2
Temp	Europe	Romania	3,400	3,400	41	41	99	230,340		41	99	99	99	99		S2
Trop	Africa	Rwanda	>2288	2,288	26	26	0	26,338		26	26	13	26	26		S2
Trop	Atlantic Island	Saint Helena, Ascension Islands	165	165	60	60	68	410		60	60	30	60	60		S2
Trop	Caribbean	Saint Kitts & Nevis	659	659	1	1	4	261	y	1	1	1	1	1	1	S2
Trop	Caribbean	Saint Lucia	1,028	1,028	11	11	6	620	y	11	11	11	11	11	11	S2
Trop	Caribbean	Saint Vincent & Grenadines	1,166	1,166	20	20	9	344	y	20	20	20	20	20	20	S2
Trop	Pacific Island	Samoa	894	894	134	134	18	2,850		134	134	67	134	134		S2
Trop	Atlantic Island	Sao Tome and Principe	895	895	134	134	3	1,001		134	134	67	134	134		S2
Temp	Asia	Saudi Arabia	2028	2028	34	34	7	1,960,582		34	7	7	7	7		S2
Trop	Africa	Senegal	2,086	2,086	26	26	31	196,190		26	26	13	26	26		S2
Trop	Indian Ocean Island	Seychelles	250	250	87	87	78	455	y	87	87	87	87	87	87	S2
Trop	Africa	Sierra Leone	>1700	1,700	74	74	29	71,740	y	74	74	74	74	74	74	S2
Trop	Asia	Singapore	1,293	1,293	2	2	29	648	y	2	2	2	2	2	2	S2
Trop	Pacific Island	Solomon Islands	3,172	3,172	30	30	42	28,450	y	30	30	30	30	30	30	S2
Trop	Africa	Somalia	3,028	3,028	500	500	103	637,657		500	500	250	250	250		S2
Temp	Africa	South Africa	23,420	23,420	>16500	16,500	2,215	1,219,912		16,500	2,215	2,215	2,215	2,215	2,215	S2
Temp	Europe	Spain (mainland)	5,050	5,050	941	941	985	499,400		941	985	985	985	985		S2
Trop	Asia	Sri Lanka	3,370	3,370	902	902	455	65,610	y	902	902	902	902	902	902	S2
Trop	Africa	Sudan	>3132	3,132	50	50	10	2,505,810		50	50	25	25	25		S2
Trop	South America	Suriname	>4,200	4,200	??		103	163,270	y	0	0	0	0	0	0	S7
Temp	Africa	Swaziland	2,715	2,715	4	4	42	17,200		4	42	42	42	42		S2
Temp	Europe	Sweden	1,750	1,750	1	1	13	410928		1	13	13	13	13		S2
Temp	Europe	Switzerland	3,000	3,000	1	1	30	39770		1	30	30	30	30		S2
Temp	Asia	Syria	3100	3100	395	395	8	184050		395	8	8	8	8		S2
Temp	Asia	Taiwan	3,577	3,577	1,075	1,075	325	32,260		1,075	325	325	325	325		S2
Trop	Africa	Tanzania	>10000	10,000	1,122	1,122	436	945,087	y	1,122	1,122	1,122	561	1,122	1,122	S2
Trop	Asia	Thailand	11,000	11,000	2,742	2,742	385	514,000	y	2,742	2,742	2,742	1,371	2,742	2,742	S4
Trop	Africa	Togo	2,501	2,501	0	0	4	56,785	y	0	0	0	0	0	0	S2
Trop	Pacific Island	Tonga	463	463	25	25	2	748	y	25	25	25	25	25	25	S2
Trop	Caribbean	Trinidad and Tobago	2,259	2,259	236	236	21	5,128	y	236	236	236	236	236	236	S2
Temp	Africa	Tunisia	2,196	2,196	?		24	155,360		0	24	24	24	24		S2
Temp	Asia	Turkey	8650	8650	2675	2675	1876	770760		2,675	1,876	1,876	1,876	1,876		S2
Trop	Caribbean	Turks and Caicos	448	448	9	9	2	430	y	9	9	9	9	9	9	S2
Trop	Pacific Island	Tuvalu	44	44	0	0	0	26	y	0	0	0	0	0	0	S2
Trop	Africa	Uganda	5,406	5,406	30	30	15	236,040		30	30	15	30	30		S2
Temp	Asia	United Arab Emirates	340	340	0	0	0	82,880		0	0	0	0	0		S2

Temp	Europe	United Kingdom	1,550	1,550	16	16	18	241590		16	18	18	18	18	S2	
Temp	South America	Uruguay	2270	2270	40	40	15	173620		40	15	15	15	15	S2	
Temp	North America	United States of America	18,000	18,000	4,036	4,036	4,669	9158960		4,036	4,669	4,669	4,669	4,669	S2	
Trop	Pacific Island	Vanuatu	870	870	150	150	26	14,760	y	150	150	150	150	150	S2	
Trop	South America	Venezuela	15,350	15,350	3,250	3,250	426	912,050	y	3,250	3,250	3,250	1,625	3,250	3,250	S19
Trop	Asia	Vietnam	10,000	10,000	1,260	1,260	341	329,560	y	1,260	1,260	1,260	630	1,260	1,260	S4
Trop	Pacific Island	Wallis and Futuna	475	475	7	7	0	274	y	7	7	7	7	7	7	S2
Temp	Africa	Western Sahara	>330	330	?	?	0	266,000		0	0	0	0	0	S2	
Trop	Asia	Yemen	1650	1650	365	365	149	527970		365	365	183	183	183	S2	
Temp	Europe	Yugoslavia (former)	5,350	5,350	137	137	155	332171		137	155	155	155	155	S2	
Trop	Africa	Zambia	4,747	4,747	211	211	12	752,614		211	211	106	106	106	S2	
Trop	Africa	Zimbabwe	4,440	4,440	95	95	100	390,580		95	95	48	48	48	S2	

Estimated total number of globally threatened plant species									193,513	144,282	141,555	94,052	141,974	120,857
Proportion of world flora threatened, based on a world flora of 310,000 species									62.4%	46.5%	45.7%	30.3%	45.8%	39.0%
Proportion of world flora threatened, based on a world flora of 422,000 species									45.9%	34.2%	33.5%	22.3%	33.6%	28.6%

* Estimate I = Number of threatened species in each country calculated as: the number of species endemic to that country

† Estimate II = Number of threatened species in each country calculated as: for tropical countries, the number of endemic species; for temperate countries, the number of currently threatened species

‡ Estimate III = Number of threatened species in each country calculated as: for tropical "hotspot" countries, the number of endemic species; for other tropical countries, 50% of endemic species; for temperate countries, the number of currently threatened species

§ Estimate IV = Number of threatened species in each country calculated as: for tropical countries measuring <300,000 km², the number of endemic species; for other tropical countries, 50% of endemics; for temperate countries, the number of currently threatened species

Estimate V = Number of threatened species in each country calculated as: for tropical countries in "hotspots" or measuring <300,000 km², number of endemic species; for other tropical countries, 50% of endemics; for temperate countries, number of currently threatened species

REFERENCES

- S1. M. J. Balick, M. H. Nee, D. E. Atha, Eds., *Checklist of the Vascular Plants of Belize, with Common Names and Uses* (New York Botanical Garden Press, Brooklyn, 2000).
- S2. S. D. Davis, V. H. Heywood, O. Herrera-MacBryde, J. Villa-Lobos, A. C. Hamilton, Eds., *Centres of Plant Diversity: A Guide and Strategy for Their Conservation* (World Wildlife Fund, Oxford, 1997).
- S3. P. M. Jørgensen, S. León-Yáñez, Eds., *Catalogue of the Vascular Plants of Ecuador* (Missouri Botanical Garden, St. Louis, 1999).
- S4. J. MacKinnon, Ed., *Protected Areas Systems Review of the Indo-Malayan Realm* (World Bank, World Conservation Monitoring Centre, Cambridge, UK, 1997).
- S5. N. Myers, R. A. Mittermeier, C. G. Mittermeier, G. A. B. Fonseca, J. Kent, *Nature* **403**, 853 (2000).
- S6. W. D. Stevens, C. Ulloa Ulloa, A. Pool, O. M. Montiel, Eds., *Flora de Nicaragua* (Missouri Botanical Garden, St. Louis, 2001).
- S7. H. ter Steege, Ed., *Plant Diversity in Guyana, with Recommendations for a National Protected Area Strategy* (The Tropenbos Foundation, Wageningen, 2000).
- S8. R. Valencia, N. Pitman, S. León-Yáñez, P. M. Jørgensen, Eds., *Libro Rojo de las Plantas Endémicas del Ecuador 2000* (Pontificia Universidad Católica del Ecuador, Quito, 2000).
- S9. K. S. Walter, H. J. Gillett, Eds., *1997 IUCN Red List of Threatened Plants* (The World Conservation Monitoring Centre and the World Conservation Union, Gland and Cambridge, 1998).
- S10. F. O. Zuloaga, O. Morrone, Eds., *Catálogo de las Plantas Vasculares de la República Argentina. I. (Pteridophytes, Gymnosperms and Monocotyledonae)* (Missouri Botanical Garden, St. Louis, 1996).
- S11. F. O. Zuloaga, O. Morrone, Eds., *Catálogo de las Plantas Vasculares de la República Argentina. II. (Dicotyledoneae)* (Missouri Botanical Garden, St. Louis, 1999).
- S12. L. Brako, J. Zarucchi, Eds., *Catalogue of the Flowering Plants and Gymnosperms of Peru* (Missouri Botanical Garden, St. Louis, 1993).
- S13. P. M. Jørgensen, personal observation
- S14. E. Forero, personal communication
- S15. M. Grayum, personal communication
- S16. C. Ulloa Ulloa, unpublished data
- S17. K. Ruokolainen, personal communication
- S18. J. Zarucchi, unpublished data
- S19. O. Huber, P. Berry, personal communication