

**Table 1b: Numbers of threatened species by major groups of organisms (1996–2023)**

Changes in number of threatened species from year to year **should not** be directly interpreted as trends in the status of biodiversity. The figures displayed below reflect increased assessment efforts by IUCN and its Partners over time, rather than genuine changes in numbers of threatened species. For a clearer view of genuine trends in the status of biodiversity please refer to the IUCN Red List Index page on the Red List website (<https://www.iucnredlist.org/assessment/red-list-index>).

Year <sup>2</sup>	Changes in numbers of species assessed and species assessed as threatened <sup>1</sup> on the IUCN Red List since 1996																											
	VERTEBRATES						INVERTEBRATES								PLANTS <sup>4</sup>						FUNGI & PROTISTS				TOTAL			
	Mammals	Birds	Reptiles	Amphibians	Fishes	Subtotal (Vertebrates)	Insects	Molluscs	Crustaceans	Corals	Arachnids	Velvet worms	Horseshoe crabs	Other invertebrates	Subtotal (Invertebrates)	Mosses	Ferns & allies	Gymnosperms	Flowering plants	Green algae	Red algae	Subtotal (Plants)	Lichens	Mushrooms		Brown algae	Subtotal (Fungi & protists)	
2023 (version 2023-1)	Total assessed	5,980	11,197	10,254	8,020	27,042	<b>62,493</b>	12,568	9,063	3,207	830	591	11	4	1,089	<b>27,363</b>	327	814	1,059	64,240	17	78	<b>66,535</b>	121		660	18	<b>799</b>
	Total threatened	1,339	1,354	1,848	2,876	3,778	<b>11,195</b>	2,361	2,409	746	253	268	9	2	173	<b>6,221</b>	181	316	450	25,320	0	9	<b>26,276</b>	70	248	6	<b>324</b>	<b>44,016</b>
2022 (version 2022-2)	Total assessed	5,973	11,188	10,222	7,486	25,351	<b>60,220</b>	12,441	9,032	3,197	831	441	11	4	905	<b>26,862</b>	329	747	1,046	60,470	16	58	<b>62,666</b>	86	539	15	<b>640</b>	<b>150,388</b>
	Total threatened	1,340	1,400	1,842	2,606	3,551	<b>10,739</b>	2,345	2,399	745	253	251	9	2	157	<b>6,161</b>	181	288	436	24,000	0	9	<b>24,914</b>	62	226	6	<b>294</b>	<b>42,108</b>
2021 (version 2021-3)	Total assessed	5,968	11,162	10,148	7,296	22,581	<b>57,155</b>	12,100	9,019	3,189	848	441	11	4	902	<b>26,514</b>	282	739	1,016	56,232	16	58	<b>58,343</b>	76	474	15	<b>565</b>	<b>142,577</b>
	Total threatened	1,333	1,445	1,839	2,488	3,332	<b>10,437</b>	2,270	2,385	743	232	251	9	2	150	<b>6,042</b>	165	281	403	22,477	0	9	<b>23,335</b>	56	208	6	<b>270</b>	<b>40,084</b>
2020 (version 2020-3)	Total assessed	5,932	11,158	8,236	7,166	21,415	<b>53,907</b>	10,105	8,847	3,188	864	358	11	4	842	<b>24,219</b>	282	674	1,016	48,323	16	58	<b>50,369</b>	55	353	15	<b>423</b>	<b>128,918</b>
	Total threatened	1,317	1,481	1,449	2,390	3,040	<b>9,677</b>	1,848	2,300	742	237	203	9	2	148	<b>5,489</b>	165	265	403	19,518	0	9	<b>20,360</b>	48	185	6	<b>239</b>	<b>35,765</b>
2019 (version 2019-3)	Total assessed	5,850	11,147	7,829	6,794	19,199	<b>50,819</b>	8,696	8,749	3,181	864	344	11	4	839	<b>22,688</b>	281	641	1,014	36,623	13	58	<b>38,630</b>	27	253	15	<b>295</b>	<b>112,432</b>
	Total threatened	1,244	1,486	1,409	2,200	2,674	<b>9,013</b>	1,647	2,250	733	237	197	9	2	146	<b>5,221</b>	164	261	402	14,938	0	9	<b>15,774</b>	24	140	6	<b>170</b>	<b>30,178</b>
2018 (version 2018-2)	Total assessed	5,692	11,126	7,127	6,722	16,803	<b>47,470</b>	8,037	8,627	3,180	864	324	11	4	839	<b>21,886</b>	102	558	1,012	25,771	13	58	<b>27,514</b>	23	43	15	<b>81</b>	<b>96,951</b>
	Total threatened	1,219	1,492	1,307	2,092	2,332	<b>8,442</b>	1,537	2,195	733	237	182	9	1	146	<b>5,040</b>	76	249	401	12,564	0	9	<b>13,299</b>	20	33	6	<b>59</b>	<b>26,840</b>
2017 (version 2017-3)	Total assessed	5,674	11,122	6,278	6,609	16,409	<b>46,092</b>	7,639	8,413	3,177	864	249	11	4	773	<b>21,130</b>	102	479	1,012	22,566	13	58	<b>24,230</b>	13	43	15	<b>71</b>	<b>91,523</b>
	Total threatened	1,204	1,469	1,215	2,100	2,386	<b>8,374</b>	1,414	2,187	732	237	170	9	1	143	<b>4,893</b>	76	246	401	11,773	0	9	<b>12,505</b>	10	33	6	<b>49</b>	<b>25,821</b>
2016 (version 2016-3)	Total assessed	5,567	11,121	5,338	6,534	16,134	<b>44,694</b>	6,587	7,276	3,177	862	212	11	4	480	<b>18,609</b>	102	417	1,011	20,652	13	58	<b>22,253</b>	8	25	15	<b>48</b>	<b>85,604</b>
	Total threatened	1,194	1,460	1,079	2,068	2,359	<b>8,160</b>	1,288	1,984	732	237	166	9	1	73	<b>4,470</b>	76	217	400	10,941	0	9	<b>11,643</b>	7	21	6	<b>34</b>	<b>24,307</b>
2015 (version 2015.4)	Total assessed	5,502	10,424	4,669	6,460	14,462	<b>41,517</b>	5,573	7,216	3,168	862	210	11	4	472	<b>17,516</b>	102	365	1,011	19,206	13	58	<b>20,755</b>	9	25	15	<b>49</b>	<b>79,837</b>
	Total threatened	1,197	1,375	944	1,994	2,271	<b>7,781</b>	1,046	1,950	728	237	164	9	0	67	<b>4,201</b>	76	197	400	10,551	0	9	<b>11,233</b>	7	22	6	<b>35</b>	<b>23,250</b>
2014 (version 2014-3)	Total assessed	5,513	10,425	4,414	6,414	12,457	<b>39,223</b>	5,304	7,217	3,164	856	209	11	4	453	<b>17,218</b>	102	360	1,010	18,195	13	58	<b>19,738</b>	4	1	15	<b>20</b>	<b>76,199</b>
	Total threatened	1,199	1,373	927	1,957	2,222	<b>7,678</b>	993	1,950	725	235	163	9	0	65	<b>4,140</b>	76	194	400	9,905	0	9	<b>10,584</b>	4	1	6	<b>11</b>	<b>22,413</b>
2013 (version 2013.2)	Total assessed	5,506	10,085	4,204	6,409	11,172	<b>37,356</b>	4,610	6,809	3,163	856	35	11	4	423	<b>15,911</b>	102	342	1,010	16,766	13	58	<b>18,291</b>	2	1	15	<b>18</b>	<b>71,576</b>
	Total threatened	1,143	1,308	879	1,950	2,110	<b>7,390</b>	896	1,898	723	235	21	9	0	40	<b>3,822</b>	76	187	399	9,394	0	9	<b>10,065</b>	2	1	6	<b>9</b>	<b>21,286</b>
2012 (version 2012.2)	Total assessed	5,501	10,064	3,755	6,374	10,590	<b>36,284</b>	4,003	6,183	2,399	858	34	11	4	50	<b>13,542</b>	102	311	1,012	14,178	13	58	<b>15,674</b>	2	1	15	<b>18</b>	<b>65,518</b>
	Total threatened	1,139	1,313	807	1,933	2,058	<b>7,250</b>	829	1,857	596	236	20	9	0	23	<b>3,570</b>	76	167	374	8,764	0	9	<b>9,390</b>	2	1	6	<b>9</b>	<b>20,219</b>
2011 (version 2011.2)	Total assessed	5,499	10,052	3,336	6,338	9,554	<b>34,779</b>	3,844	5,422	2,399	856	33	11	4	52	<b>12,621</b>	101	310	1,020	12,994	13	58	<b>14,496</b>	2	1	15	<b>18</b>	<b>61,914</b>
	Total threatened	1,138	1,253	772	1,917	2,028	<b>7,108</b>	741	1,673	596	235	19	9	0	24	<b>3,297</b>	80	163	377	8,527	0	9	<b>9,156</b>	2	1	6	<b>9</b>	<b>19,570</b>
2010 (version 2010.4)	Total assessed	5,491	10,027	2,806	6,296	8,848	<b>33,468</b>	3,269	3,149	2,152	856	33	11	4	52	<b>9,526</b>	101	243	926	11,584	2	58	<b>12,914</b>	2	1	15	<b>18</b>	<b>55,926</b>
	Total threatened	1,131	1,240	594	1,898	1,851	<b>6,714</b>	733	1,288	596	235	19	9	0	24	<b>2,904</b>	80	148	371	8,116	0	9	<b>8,724</b>	2	1	6	<b>9</b>	<b>18,351</b>
2009 (version 2009.2)	Total assessed	5,490	9,998	1,677	6,285	4,443	<b>27,893</b>	2,619	2,306	1,735	856	32	11	4	52	<b>7,615</b>	95	211	909	10,876	2	58	<b>12,151</b>	2	1	15	<b>18</b>	<b>47,677</b>
	Total threatened	1,142	1,223	469	1,895	1,414	<b>6,143</b>	711	1,036	606	235	18	9	0	24	<b>2,639</b>	82	139	322	7,948	0	9	<b>8,500</b>	2	1	6	<b>9</b>	<b>17,291</b>
2008	Total assessed	5,488	9,990	1,385	6,260	3,481	<b>26,604</b>	1,259	2,212	1,735	856	32	11	4	52	<b>6,161</b>	95	211	910	10,779	2	58	<b>12,055</b>	2	1	15	<b>18</b>	<b>44,838</b>
	Total threatened	1,141	1,222	423	1,905	1,275	<b>5,966</b>	626	978	606	235	18	9	0	24	<b>2,496</b>	82	139	323	7,904	0	9	<b>8,457</b>	2	1	6	<b>9</b>	<b>16,928</b>
2007	Total assessed	4,863	9,956	1,385	5,915	3,119	<b>25,238</b>	1,255	2,212	553	13	18	11	4	50	<b>4,116</b>	92	211	909	10,771	2	58	<b>12,043</b>	2	1	15	<b>18</b>	<b>41,415</b>
	Total threatened	1,094	1,217	422	1,808	1,201	<b>5,742</b>	623	978	460	5	10	9	0	23	<b>2,108</b>	79	139	321	7,899	0	9	<b>8,447</b>	2	1	6	<b>9</b>	<b>16,306</b>

Year <sup>2</sup>	Changes in numbers of species assessed and species assessed as threatened <sup>1</sup> on The IUCN Red List since 1996																											
	VERTEBRATES						INVERTEBRATES								PLANTS <sup>4</sup>						FUNGI & PROTISTS				TOTAL			
	Mammals	Birds	Reptiles	Amphibians	Fishes	Subtotal (Vertebrates)	Insects	Molluscs	Crustaceans	Corals	Arachnids	Velvet worms	Horseshoe crabs	Other invertebrates	Subtotal (Invertebrates)	Mosses	Ferns & allies	Gymnosperms	Flowering plants	Green algae	Red algae	Subtotal (Plants)	Lichens	Mushrooms		Brown algae	Subtotal (Fungi & protists)	
2006	Total assessed	4,864	9,934	664	5,918	2,912	<b>24,292</b>	1,192	2,163	537	2	18	11	4	51	<b>3,978</b>	93	212	908	10,688	0	0	<b>11,901</b>	2		1	0	<b>3</b>
	Total threatened	1,093	1,206	341	1,811	1,171	<b>5,622</b>	623	975	459	1	10	9	0	24	<b>2,101</b>	80	139	306	7,865	0	0	<b>8,390</b>	2	1	0	<b>3</b>	<b>16,116</b>
2004	Total assessed	4,853	9,917	499	5,743	1,721	<b>22,733</b>	771	2,163	498	2	18	11	4	20	<b>3,487</b>	93	210	907	10,614	0	0	<b>11,824</b>	2	0	0	<b>2</b>	<b>38,046</b>
	Total threatened	1,101	1,213	304	1,770	800	<b>5,188</b>	559	974	429	1	10	9	0	10	<b>1,992</b>	80	140	305	7,796	0	0	<b>8,321</b>	2	0	0	<b>2</b>	<b>15,503</b>
2003	Total assessed	4,789	2,139	473	401	1,532	<b>9,334</b>	768	2,098	461	2	18	11	4	20	<b>3,382</b>	93	180	907	8,526	0	0	<b>9,706</b>	2	0	0	<b>2</b>	<b>22,424</b>
	Total threatened	1,130	1,194	293	157	750	<b>3,524</b>	553	967	409	1	10	9	0	10	<b>1,959</b>	80	111	304	6,279	0	0	<b>6,774</b>	2	0	0	<b>2</b>	<b>12,259</b>
2002	Total assessed	2,150	2,138	453	263	1,265	<b>6,269</b>	747	2,018	459	2	18	11	4	19	<b>3,278</b>	83	0	251	6,816	0	0	<b>7,150</b>	0	0	0	<b>0</b>	<b>16,697</b>
	Total threatened	1,137	1,192	293	157	742	<b>3,521</b>	557	939	409	1	10	6	0	10	<b>1,932</b>	80	0	142	5,492	0	0	<b>5,714</b>	0	0	0	<b>0</b>	<b>11,167</b>
2000	Total assessed	2,133	2,123	454	231	1,267	<b>6,208</b>	747	2,017	459	2	18	11	4	19	<b>3,277</b>	83	0	251	6,688	0	0	<b>7,022</b>	0	0	0	<b>0</b>	<b>16,507</b>
	Total threatened	1,130	1,183	296	146	752	<b>3,507</b>	555	938	408	1	10	6	0	10	<b>1,928</b>	80	0	141	5,390	0	0	<b>5,611</b>	0	0	0	<b>0</b>	<b>11,046</b>
1996/1998 <sup>3</sup>	Total assessed	2,067	2,167	428	198	1,194	<b>6,054</b>	730	1,958	458	2	18	11	4	19	<b>3,200</b>	0	0	— <sup>5</sup>	— <sup>5</sup>	0	0	<b>—<sup>5</sup></b>	0	0	0	<b>0</b>	<b>—<sup>5</sup></b>
	Total threatened	1,096	1,107	253	124	734	<b>3,314</b>	537	920	407	1	10	6	0	10	<b>1,891</b>	0	0	142	5,186	0	0	<b>5,328</b>	0	0	0	<b>0</b>	<b>10,533</b>

#### NOTES:

1. Threatened species are those listed as Critically Endangered (CR), Endangered (EN) or Vulnerable (VU).

2. Prior to the year 2000, The IUCN Red List was published in book form only, with updated versions being released every few years. The IUCN Red List web site was released in 2000, making more regular updates possible. Since then, the Red List has been updated at least once each year, with the exception of 2001 and 2005 when there were no updates published. Since 2009, The IUCN Red List has been updated at least twice each year, with separate version numbers being used for each update; the figures in Table 1b are for the latest versions published each year.

3. The figures for 1996/1998 are for the threatened species assessments that were published in the *1996 IUCN Red List of Threatened Animals* (Baillie and Groombridge 1998) and *The World List of Threatened Trees* (Oldfield *et al.* 1998).

4. The plant numbers **DO NOT** include species from the *1997 IUCN Red List of Threatened Plants* (Walter and Gillett 1998) as those assessments used the pre-1994 IUCN system of threat categories. Hence the numbers of threatened plants in Table 1b are much lower when compared to the 1997 results. When reporting on threatened plants, the results from the current web version of The IUCN Red List should be combined with the 1997 Plants Red List. Since there have been many taxonomic changes for plant species since 1997, careful comparison of the current and 1997 species lists will be needed when combining these results to avoid double-counting.

5. Figures are not available for total number of gymnosperms and flowering plants assessed for the World List of Threatened Trees (Oldfield *et al.* 1998). Oldfield *et al.* (1998) included a summary table showing total numbers of species in each IUCN Red List Category (which included some assessments that were not actually included in the final publication), but there is no summary of numbers of species assessed by taxonomic group. The numbers of gymnosperm and flowering plant species assessed as threatened in Oldfield *et al.* (1998) were obtained through a manual count of species appearing in the publication.

#### References

Baillie, J.E.M. and Groombridge, B. (compilers). 1996. *1996 IUCN Red List of Threatened Animals*. IUCN, Gland, Switzerland.  
 Oldfield, S., Lusty, C. and MacKinnon, A. (compilers) 1998. *The World List of Threatened Trees*. World Conservation Monitoring Centre, Cambridge, UK and IUCN, Gland, Switzerland.  
 Walter, K.S. and Gillett, H.J. (editors). 1998. *1997 IUCN Red List of Threatened Plants*. IUCN, Gland, Switzerland and Cambridge, UK.