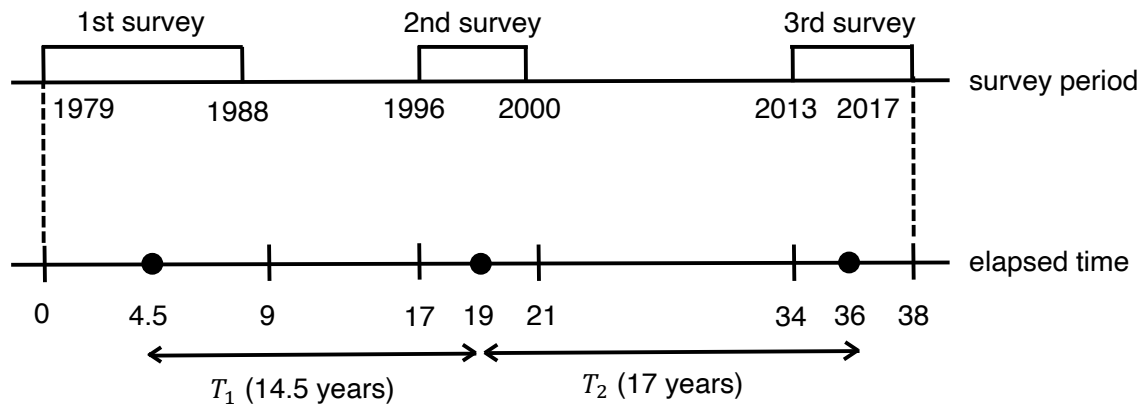**Supplementary Information**

Fig. S1

Fig. S1 | Temporal framework of the study. The upper horizontal axis shows the durations of the 1st, 2nd, and 3rd surveys. The lower horizontal axis displays the median years of the 1st, 2nd, and 3rd survey periods, as well as the durations of Interval 1 (T_1) and Interval 2 (T_2), in years, which were used to calculate d-rates.

Table S1

Table S1 | Ecological characteristics of the taxa in the top 10% for disappearance rates. Comparisons of the proportional representation of habitat types and lifeforms between the *Top 10% group* and all other taxa. The degrees of freedom were 11 and 7 for the tests of proportional representation across habitat types and lifeforms, respectively.

	Category	p-value (95%CI)	Chi-square value	Cramer's V	Significantly overrepresented habitats or lifeforms (asresid)	Required sample size (power = 0.8)	Min expected freq.	Cells <5 (%)
Top 10% group_d1	habitat	<0.001 (0.0000, 0.0004)	65.29	0.1872	grassland (6.49)	480	0.61	0.167
Top 10% group_d2	habitat	<0.001 (0.0000, 0.0007)	39.15	0.1449	open freshwater body (2.87), grassland (2.24)	800	0.66	0.167
Top 10% group_d1	lifeform	0.0586	13.61	0.0854	none	1966	2.19	2 (8.3%)
Top 10% group_d2	lifeform	<0.0001	73.13	0.1981	bamboo (5.93), aquatic plant (3.51)	366	0.5	4 (16.7%)

Table S2

Table S2 | The number of potentially threatened taxa. The number of potentially threatened taxa classified by **(a)** habitat and **(b)** lifeform.

a

Habitat	Number of taxa
forest edge	15
grassland	15
deciduous forest	13
wetland	8
coastal and marine environment	3
evergreen forest	3
wasteland	3
riparian zone	2
rocky habitat	2
open freshwater body	1
upland field	1
subalpine habitat	0

b

Lifeform	Number of taxa
perennial herb	36
annual herb	8
fern	7
shrub	7
bamboo	3
vine	3
tree	2
aquatic plant	0