

**SUPPLEMENTARY MATERIAL:**  
**Status and declining trend of Sparrow's-egg Lady's-slipper (*Cypripedium passerinum*) orchids in Pukaskwa National Park, Ontario, Canada**  
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**Table S1.** Number of flowering (numerator) and total (denominator) stalks of Sparrow's-egg Lady's-slipper (*Cypripedium passerinum*) within colonies in Pukaskwa National Park, Ontario, Canada monitored between 1979 and 2019. Dashes indicate no data, whereas shading highlights the year of extirpation of each colony where applicable. Trends were determined by generalised linear models with Poisson or quasi-Poisson distributions, depending on data dispersion, at  $P < 0.05$ . "Ext" means that the colony has been extirpated.

Colony	Year																			Trend
	1979	1982	1983	1984	1985	1986	1987	1988	1989	1990	1992	1993	1999	2001	2016	2017	2019	2019		
31	3/4	-/4	3/5	2/6	1/4	2/3	3/5	2/4	3/5	1/4	14/24	1/1	5/6	4/4	11/12	10/11	9/12	↔		
32	12/25	-/21	-	-	-	-	-	-	-	-	-	-	10/26	6/19	2/3	2/3	0/3	↓		
33	5/6	-/8	-	-	-	-	-	-	-	-	-	14/26	0/0	2/4	1/1	1/1	1/1	↔		
34	3/4	-/5	2/5	4/6	3/6	5/5	2/5	2/4	2/6	1/5	1/1	1/2	0/0	1/1	0/0	0/0	0/0	Ext		
35	33/47	-/49	33/59	52/75	42/65	54/70	54/66	52/68	45/71	26/77	42/84	30/50	42/78	35/70	63/82	66/71	73/91	↑		
36	2/6	-/7	0/7	2/7	0/5	1/9	2/6	4/9	1/8	0/6	0/7	0/9	0/4	2/6	4/4	4/4	4/4	↔		
37	3/5	-/3	0/0	0/0	0/0	0/1	0/1	0/1	0/1	0/4	0/3	0/2	1/1	0/1	0/0	0/0	0/0	Ext		
38	1/3	-/3	0/1	1/5	0/4	2/5	2/5	3/7	4/6	2/7	5/11	4/10	9/16	14/26	37/37	28/30	28/33	↑		
39	1/1	-/2	0/2	0/2	0/2	0/2	1/2	0/2	0/2	0/2	0/2	1/2	0/2	0/2	1/1	0/1	0/1	↔		
40	0/3	-/0	0/1	0/1	0/1	0/1	0/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	Ext		
41	0/7	-/2	0/2	2/2	1/2	2/2	1/2	2/3	1/3	0/3	0/1	0/1	0/0	0/0	0/0	0/0	0/0	Ext		
42	3/10	-/7	1/7	2/9	1/7	2/5	2/6	1/5	0/3	0/4	0/3	0/3	0/0	0/0	0/0	0/0	0/0	Ext		
43	0/3	-/2	0/1	1/1	1/1	0/0	0/1	0/1	1/1	0/0	0/2	0/2	0/2	0/2	0/0	0/0	0/0	Ext		
44	5/74	-/24	4/26	8/25	4/30	10/35	14/34	15/32	12/32	3/31	18/27	14/30	9/39	7/36	5/22	3/21	2/21	↔		
[45	10/48																			
46	11/37	-/90	20/133	33/143	24/116	38/149	29/127	32/96	21/70	9/68	17/55	12/41	8/34	2/25	0/0	0/0	0/0	Ext		
[47	4/12																			
48	2/5	-/6	2/6	5/6	4/8	3/6	4/10	3/7	2/7	1/5	2/5	1/3	1/6	2/5	0/0	0/0	0/0	Ext		
49	3/6	-/7	2/7	3/8	2/5	4/9	4/10	3/6	4/7	1/6	1/4	2/4	0/0	0/1	0/0	0/0	0/0	Ext		
[50	1/2	-/27	3/28	6/29	0/18	3/17	2/10	1/6	2/6	0/6	1/1	0/1	0/0	0/0	0/0	0/0	0/0	Ext		
[51	12/33																			
52	0/2	-/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	-	-	0/0	0/0	Ext		
53	-	-	1/15	2/13	2/11	2/14	3/15	5/15	3/15	1/9	2/9	5/9	0/0	-	-	5/7	5/7	↔		
Total	114/443	-/267	71/305	123/338	85/285	128/333	123/306	125/266	101/243	45/237	103/239	85/196	85/214	75/202	124/162	119/149	122/173			