

Supplementary Material to Mauko 2020 Colony composition, arthropod egg predation, and antennal structure of the ant *Discothyrea sauteri* (Hymenoptera: Formicidae)

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Table S1. *D. sauteri* colonies, nest sites, and frequency of stored prey eggs. For nest sites, approximate diameter (D, mm) and length (L, mm) of a dead branch or a rotting log are given in parentheses.

Colony	Date of collection	Nest site	Prey eggs stored in ant nest			
			Total number	Long diameters (mm) of smallest and largest eggs	Presumed number of different types based on size and color	Fibrous materials in nest
78-45	5 Feb. 1978	Dead branch (D = 10, L = 60) in soil under a rotting log	0			
83-49	6 Mar. 1983	Rotting log (D = 500-600, L = 3000)	3	0.60	1	+
78-36	25 Mar. 1979	Soil, depth 40 mm	0			
82-60	26 Mar. 1982	Soil, depth 50 mm	0			
78-112	9 Apr. 1978	Soil, depth 70-80 mm	0			
84-7	13 Apr. 1984	Soil, depth 100 mm	ca. 30	0.65 - 0.68	1	+(preserved)

Table S1 (continued). *D. sauteri* colonies, nest sites, and frequency of stored prey eggs. For nest sites, approximate diameter (D, mm) and length (L, mm) of a dead branch or a rotting log are given in parentheses.

Colony	Date of collection	Nest site	Prey eggs stored in ant nest			
			Total number	Long diameters (mm) of smallest and largest eggs	Presumed number of different types based on size and color	Fibrous materials in nest
81–77	6 May 1981	Rotting log (D = 350, L = 2500)	+ (not counted)	Not available	1	
81–109	27 May 1981	Soil, depth 100 mm	ca. 100	0.46 – 0.82	3	+
79–63	24 June 1979	Unknown (found in laboratory)	ca. 90	0.55 – 0.77	3	
78–141	15 July 1978	Dead branch (D = 12, L = 110) under leaf litter	ca. 250	0.62 – 0.63	1	+(egg sac, preserved)
81–190	21 July 1981	Soil, depth 70 mm	61	0.43 – 0.74	2 or 3	+(preserved)
82–245	23 July 1982	Soil, depth 120 mm	ca. 100	Not available	2 or 3	+(preserved)

Table S1 (continued). *D. sauteri* colonies, nest sites, and frequency of stored prey eggs. For nest sites, approximate diameter (D, mm) and length (L, mm) of a dead branch or a rotting log are given in parentheses.

Colony	Date of collection	Nest site	Prey eggs stored in ant nest			
			Total number	Long diameters (mm) of smallest and largest eggs	Presumed number of different types based on size and color	Fibrous materials in nest
81–203	29 July 1981	Soil, depth 150 mm	9	0.65 – 0.71	1	+ (preserved)
82–290	10 Aug. 1982	Soil, depth unknown	ca. 10	0.42 – 0.62	1	+ (preserved)
82–366	19 Sept. 1982	Soil, depth 100 mm	13	0.46 – 0.63	2	+ (preserved)
81–285	23 Sept. 1981	Soil, depth 30 mm	ca. 100	0.52 – 0.63	1	
81–347	25 Oct. 1981	Soil, depth 50–100 mm, under a rotting log (D = 130, L = 700)	11	0.49 – 0.62	2	+ (preserved)
81–397	12 Nov. 1981	Dead branch (D = 25, L = 150) in soil	9	0.49 – 0.55	1	+

Table S1 (continued). *D. sauteri* colonies, nest sites, and frequency of stored prey eggs. For nest sites, approximate diameter (D, mm) and length (L, mm) of a dead branch or a rotting log are given in parentheses.

Colony	Date of collection	Nest site	Prey eggs stored in ant nest			
			Total number	Long diameters (mm) of smallest and largest eggs	Presumed number of different types based on size and color	Fibrous materials in nest
82-419	25 Nov. 1982	Dead branch (D = 25, L = 160) under leaf litter	0			+ (egg sac, preserved)
82-423	25 Nov. 1982	Soil, depth 100 mm	0			+ (preserved)
78-238	9 Dec. 1978	Soil, depth 50 mm	0			