



Fig. 1: Discriminant analysis of the four *Tetramorium* morphospecies: biplot of 95 % isodensity circles and variables, with a scale factor of 6.28 for variables along the first two canonical variates. Species: (1) *T. hungaricum*, (2) *T. semilaeve*, (3) *T. caespitum*, (4) *T. ferox*. Variables: (1) HL, (2) HW, (3) FR, (4) SL, (5) ML, (6) MW, (7) Pw, (8) PPw, (9) SSP, (10) SPL. Eigenvalues as % for the first two axes: 64.37 and 27.73 respectively; canonical correlation is 0.87 and 0.76 for the first and the second canonical variate, respectively.

***Tetramorium hungaricum* RÖSZLER, 1935** (Figs. 2-6)

Tetramorium caespitum ssp. *hungarica* RÖSZLER, 1935: 78 (original description based on worker and gyne castes).

Tetramorium semilaeve var. *hungarica*: KRATOCHVIL, 1941: 86.

Tetramorium hungaricum: RÖSZLER, 1951: 88.

Tetramorium caespitum ssp. *pyrenaica* var. *biroi* RÖSZLER, 1937: 199 [name not available]; syntype series: 4 workers, 2 males: Hongrie, Nagytétény No. 44, 1.VII.1935, leg. Rösztler (NVH, examined).

Tetramorium caespitum ssp. *hungarica* var. *rufitarsis* RÖSZLER, 1936: 58 [name not available]; syntype series: 3 workers: Hongrie, Nagytétény No. 499, 19.V.1935, leg. Rösztler; 1 queen, 1 male: Hongrie, Nagytétény, 27.VI.1935, leg. Rösztler (NVH, examined).

Tetramorium caespitum ssp. *hungarica* var. *szaboi* RÖSZLER, 1936: 59 [name not available]; syntype series: 2 workers: Hungaria, Nagytétény No.503, 1.VIII.1934. leg. Rösztler (NVH, examined).

Tetramorium caespitum ssp. *hungarica* var. *haltrichi* RÖSZLER, 1936: 61 [name not available]; designated types were not found.

Tetramorium caespitum ssp. *hungarica* var. *rufitarsis-szaboi* RÖSZLER [nomen nudum]; Nagytétény, 29.VI.1935, leg. Rösztler No. 16 (NVH, examined).

Tab. 1: F values and correlation coefficients of the morphometrical parameters with the first two canonical variates as a result of the discriminant analysis for the four *Tetramorium* morpho-species.

Variable	F	correlation coefficients	
		1 st variate	2 nd variate
HL	125.75	0.72	-0.61
HW	126.83	0.69	-0.64
FR	148.9	0.86	-0.36
SL	100.6	0.69	-0.58
ML	152.33	0.83	-0.47
MW	81.17	0.72	-0.44
Pw	124.3	0.74	-0.56
PPw	173	0.88	-0.4
SSP	87.86	0.74	-0.39
SPL	70.73	0.75	-0.1

Tab. 2: Comparison of main morphometrical indexes in *T. hungaricum* – *T. semilaeve* and *T. hungaricum* – *T. caespitum* species pairs (independent t-test). *P < 0.05, **P < 0.01, ***P = 0.000.

Indexes	<i>T. hungaricum</i> vs. <i>T. semilaeve</i>	<i>T. hungaricum</i> vs. <i>T. caespitum</i>
	t	
	df = 119	df = 183
HL/HW	5.16***	3.21**
HS	-14.43***	-19.81***
HW/FR	-10.45***	9.76***
HS/FR	-9.73***	11.32***
HS/SL	0.56	2.4*
ML/MW	-2.12*	-11.08***
HS/ML	-3.19**	16.49***
Pw/PPw	-6.29***	7.03***
SPI	-0.34	1.91
PPI	6.05***	-14.27***

Excluded taxa (not belonging to any of the four species considered here):

Tetramorium caespitum ssp. *hungarica* var. *striatis* RÖSZLER, 1936: 58 [name not available] = *T. impurum/caespitum*; syntype series: 2 workers Hungaria, Nagytétény No. 501. leg. Rösztler (NVH, examined).