

Table S3. Effect of different salts on electrical conductivity, Na⁺ concentration, K⁺ concentration and Na⁺ + K⁺ concentration in different parts of *Lobularia maritima* plants. Data are means from 4 replicates \pm SE per treatment.

Treatment	Leaves	Stems	Flower Stalks	Flowers	Thick Roots	Fine Roots
Electrical Conductivity (mS m ⁻¹)						
Control	185 \pm 7 c	149 \pm 7 b	130 \pm 8 c	110 \pm 9 c	30 \pm 1 b	30 \pm 6 a
NaCl	451 \pm 49 a	305 \pm 32 a	274 \pm 15 a	233 \pm 10 a	67 \pm 10 a	16 \pm 2 b
NaNO ₃	327 \pm 34 ab	291 \pm 17 a	276 \pm 6 a	197 \pm 5 ab	56 \pm 7 a	18 \pm 5 b
NaHCO ₃	210 \pm 22 bc	169 \pm 22 b	193 \pm 12 b	200 \pm 30 ab	27 \pm 1 b	28 \pm 4 ab
Na ₂ SO ₄	230 \pm 20 bc	173 \pm 11 b	242 \pm 9 ab	174 \pm 25 b	40 \pm 7 ab	27 \pm 3 ab
Na ⁺ Concentration (g kg ⁻¹)						
Control	2.5 \pm 0.2 c	2.1 \pm 0.3 c	1.6 \pm 0.2 c	1.1 \pm 0.1 b	0.8 \pm 0.1 c	0.7 \pm 0.1 d
NaCl	79 \pm 14 a	42 \pm 7 a	41 \pm 5 a	20 \pm 2 a	4.6 \pm 0.7 a	1.6 \pm 0.3 bc
NaNO ₃	62 \pm 11 ab	32 \pm 4 ab	37 \pm 1 ab	23 \pm 1 a	4.0 \pm 0.2 a	1.4 \pm 0.3 c
NaHCO ₃	29 \pm 3 b	19 \pm 2 b	26 \pm 2 b	18 \pm 2 a	2.4 \pm 0.2 b	2.7 \pm 0.1 a
Na ₂ SO ₄	46 \pm 3 ab	26 \pm 4 b	46 \pm 2 a	24 \pm 7 a	4.5 \pm 0.4 a	2.6 \pm 0.2 ab
K ⁺ Concentration (g kg ⁻¹)						
Control	27 \pm 2 a	28 \pm 2 ab	21 \pm 2 a	16 \pm 1 ab	7.2 \pm 0.3 bc	4.6 \pm 0.9 a
NaCl	14 \pm 2 b	30 \pm 2 a	20 \pm 1 a	25 \pm 2 a	14.0 \pm 2.8 a	1.4 \pm 0.3 b
NaNO ₃	12 \pm 1 bc	20 \pm 2 bc	11 \pm 1 b	11 \pm 2 b	9.3 \pm 0.3 ab	1.4 \pm 0.6 b
NaHCO ₃	7 \pm 1 c	12 \pm 2 c	9 \pm 2 b	19 \pm 5 a	4.8 \pm 0.6 c	1.7 \pm 0.1 b
Na ₂ SO ₄	9 \pm 1 bc	19 \pm 2 c	14 \pm 2 ab	18 \pm 2 ab	8.6 \pm 1.1 b	1.9 \pm 0.3 b
Na ⁺ + K ⁺ Concentration (mol kg ⁻¹)						
Control	0.80 \pm 0.06 c	0.80 \pm 0.05 d	0.60 \pm 0.05 d	0.46 \pm 0.03 b	0.22 \pm 0.01 c	0.15 \pm 0.03 a
NaCl	3.81 \pm 0.56 a	2.62 \pm 0.31 a	2.30 \pm 0.12 ab	1.49 \pm 0.11 a	0.56 \pm 0.10 a	0.11 \pm 0.02 a
NaNO ₃	3.00 \pm 0.50 ab	1.89 \pm 0.12 ab	1.90 \pm 0.01 b	1.25 \pm 0.08 a	0.41 \pm 0.01 b	0.10 \pm 0.03 a
NaHCO ₃	1.44 \pm 0.13 c	1.14 \pm 0.13 cd	1.35 \pm 0.10 c	1.26 \pm 0.22 a	0.23 \pm 0.01 c	0.16 \pm 0.01 a
Na ₂ SO ₄	2.23 \pm 0.13 bc	1.60 \pm 0.13 bc	2.35 \pm 0.05 a	1.52 \pm 0.28 a	0.42 \pm 0.04 ab	0.16 \pm 0.02 a