

Salinity and heavy metal tolerance, and phytoextraction potential of *Ranunculus sceleratus* plants from sandy coastal beach



Figure S1. *Ranunculus sceleratus* plants in natural habitat.

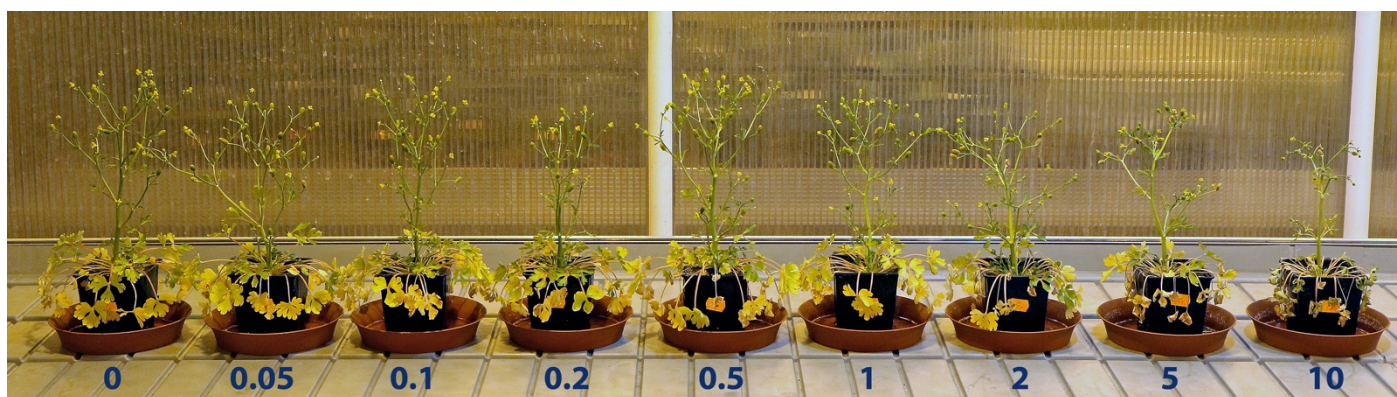


Figure S2. Typical *Ranunculus sceleratus* plants in Experiment 1, 5 weeks after full treatment with NaCl. Numbers indicate amount of Na^+ (g L^{-1}) added in a form of NaCl.

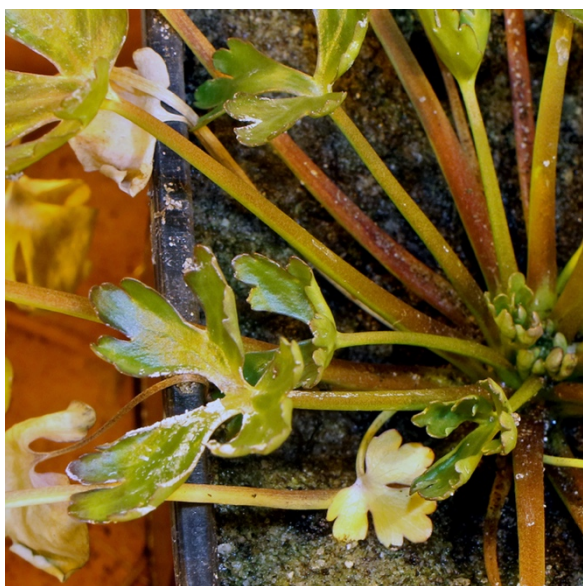


Figure S3. Crystalline NaCl deposition on leaf surface of *Ranunculus sceleratus* plants treated with 10 g L^{-1} Na^+ in Experiment 1, 5 weeks after full treatment with NaCl.



Figure S4. Typical *Ranunculus sceleratus* plants in Experiment 2, 2 (above) and 4 (below) weeks after full treatment. From left to right: control, NaCl, KCl, NaNO₃, KNO₃, NaNO₂, KNO₂, Na₂CO₃, K₂CO₃. All treatments contained 4.0 g L⁻¹ Na⁺ or 6.8 g L⁻¹ K⁺.



Figure S5. Typical *Ranunculus sceleratus* plants in Experiment 3, 5 weeks after full treatment. From left to right: control, Mn 200 mg L⁻¹, Mn 500 mg L⁻¹, Mn 1000 mg L⁻¹, Cd 5 mg L⁻¹, Cd 20 mg L⁻¹, Cd 100 mg L⁻¹, Zn 200 mg L⁻¹, Zn 500 mg L⁻¹, Zn 1000 mg L⁻¹, Pb 100 mg L⁻¹, Pb 200 mg L⁻¹, Pb 500 mg L⁻¹. Salts used for treatments were MnSO₄, CdSO₄, ZnSO₄ and Pb(NO₃)₂.

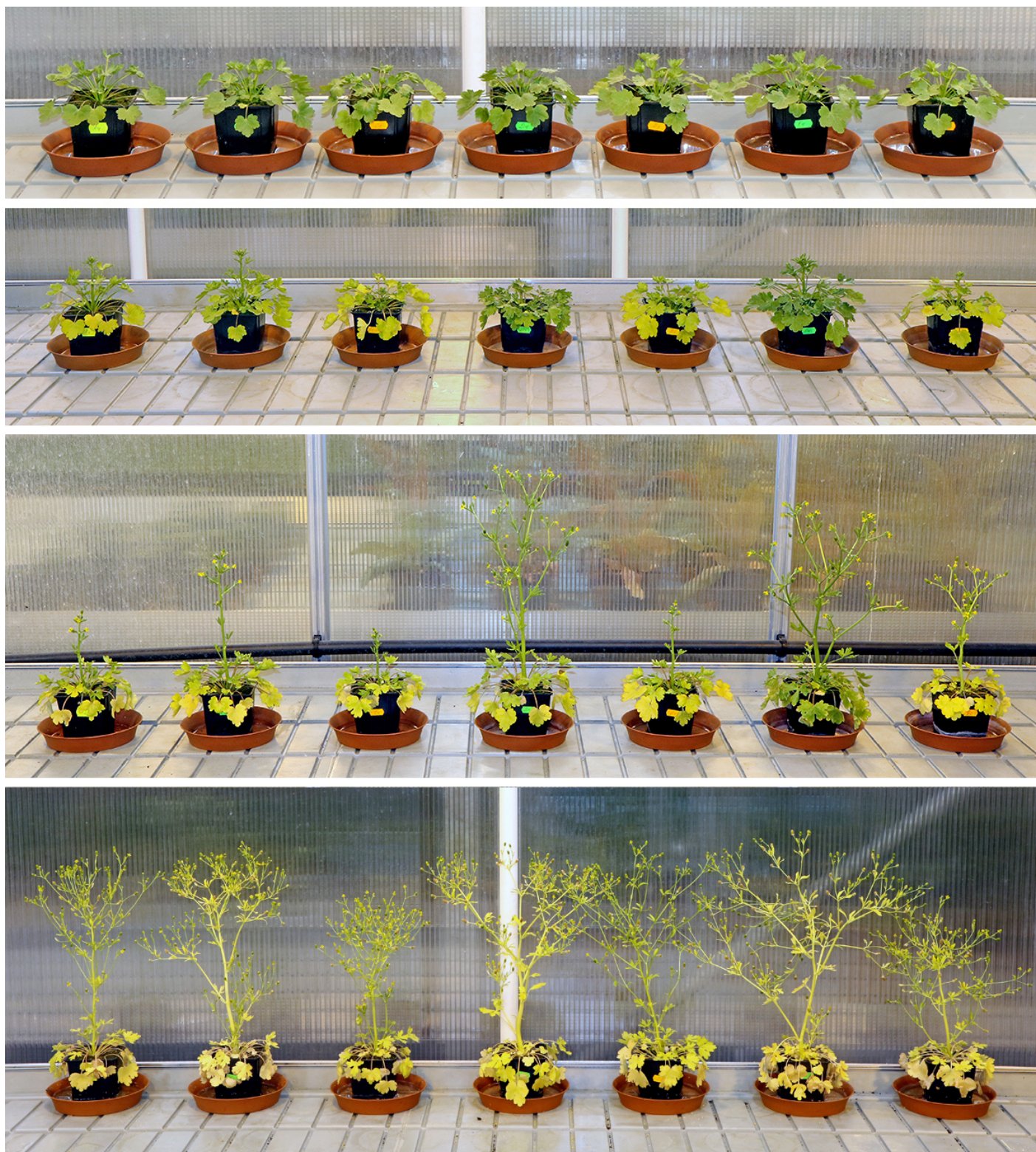


Figure S6. Typical *Ranunculus sceleratus* plants in Experiment 4. From top to bottom: 1, 3, 4, 7, weeks after full treatment. From left to right: control, 200 mg L⁻¹ Pb as nitrate, 200 mg L⁻¹ Pb as acetate, 500 mg L⁻¹ Pb as nitrate, 500 mg L⁻¹ Pb as acetate, 1000 mg L⁻¹ Pb as nitrate, 1000 mg L⁻¹ Pb as acetate.