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Authors: Charlotte E. Seal, Louise J. Barwell, Timothy J. Flowers, Ellie Merrett Wade, Hugh W. Pritchard

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Seed germination niche of the halophyte *Suaeda maritima* to combined salinity and temperature is characterised by a halothermal time model

Authors: Charlotte E. Seal[a*], Louise J. Barwell[a,1], Timothy J. Flowers[b], Ellie Merrett Wade[a], Hugh W. Pritchard[a]

[a]Department of Comparative Plant and Fungal Biology, Royal Botanic Gardens, Kew, Wakehurst, Ardingly, West Sussex, UK

[b]School of Life Sciences, University of Sussex, Falmer, Brighton, UK

[1]Present address: Centre for Ecology and Hydrology, Wallingford, Oxfordshire, UK

***Corresponding author:** Charlotte E. Seal, Royal Botanic Gardens, Kew, Wakehurst Place, Ardingly, West Sussex, RH17 6TN. Telephone: +44 (0)1444 894146. Email: c.seal@kew.org

Declarations of interest: none

Highlights

- Halothermal time model describes seed germination of the halophyte *Suaeda maritima*
- Increasing salinity was associated with a reduced base temperature for germination
- Maximum concentration of NaCl for germination decreased with temperature increase
- Osmotic adjustment through Na^+ accumulation in the seed influenced the model fit
- The model revealed two germination niches under combined temperature and salinity