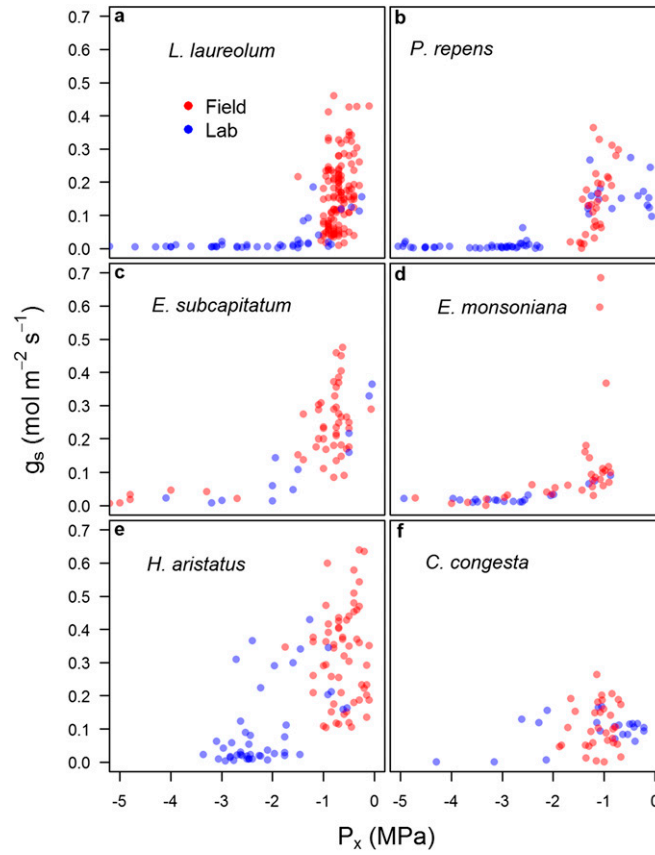


# Supporting Information

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**Fig. S1.** Response of  $g_s$  to changes in  $P_x$  for six species obtained from long-term field studies (red) or laboratory dry-downs (blue). The full names for all species in A–F are shown in Table S1.

**Table S1. List of species for which the P<sub>50</sub> has been examined and the study in which it was reported**

Family	Species
Asteraceae	<i>Metalasia densa</i> (Lam.) P. O. Karis (1) <i>Osmitopsis asteriscoides</i> (P. J. Bergius) Less (2)
Bruniaceae	<i>Brunia alopecuroides</i> Brongn (2)
Cupressaceae	<i>Juniperus osteosperma</i> (Torr.) Little (3)
Ericaceae	<i>Erica plukenetii</i> E. G. H. Oliv. and I. M. Oliv (1) <i>Erica subcapitata</i> (N. E. Br.) E. G. H. Oliv <i>Erica vestita</i> Thunb (1) <i>Erica monsoniana</i> L. f. (4)
Fabaceae	<i>Aspalathus hirta</i> E. Mey (1) <i>Aspalathus pachyloba</i> Benth (1)
Pinaceae	<i>Pinus edulis</i> Engelm (3)
Proteaceae	<i>Leucadendron laureolum</i> (Lam.) Fourc (1) <i>Leucadendron salignum</i> P. J. Bergius (1) <i>Leucadendron salicifolium</i> (Salisb.) I. Williams (2) <i>Mimetes cucullatus</i> (L.) R. Br (2) <i>Mimetes hirtus</i> (L.) Salisb. ex Knight (2) <i>Protea repens</i> (L.) L. (1, 4)
Restionaceae	<i>Hypodiscus aristatus</i> (Thunb.) C. Krauss <i>Cannomois congesta</i> Mast (4)
Rosaceae	<i>Cliffortia ruscifolia</i> L. (1)

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