



**Figure S3.** The PLC of *Rhus ovata* stems repeatedly centrifuged four times at 0.5 MPa for 5 min with standard reservoirs (closed circles) or with hydration reservoirs (open circles) that had foam pads added and then flushed to remove embolism. Points are means with SE ( $n = 6$ ). Without foam pads there was a 23% increase in PLC for stems from after the first to the fourth centrifugation, but only a 9% increase with foam pads (contrast of 1<sup>st</sup> to 4<sup>th</sup> centrifugation PLC:  $F_{1, 30} = 83.71, P < 0.001$ ;  $F_{1, 30} = 12.82, P = 0.001$  for without and with foam pads, respectively). Although both treatments increased in PLC, the increase was substantially lower with foam pads (centrifugation  $\times$  treatment:  $F_{3, 30} = 6.39, P = 0.002$ ).