

Table 2 Dry weight ($n = 8$), water and gas space ($n = 12$) of leaves and the volumes of sub-cellular compartments of mesophyll cells from common plantain, sea plantain, peach and celery

Mean values \pm SD

	Common plantain	Sea plantain	Peach	Celery
Dry weight (mg g^{-1} FW)	147 \pm 9	124 \pm 15	336 \pm 30	140 \pm 8
Water space ($\mu\text{l g}^{-1}$ FW)	853 \pm 9	876 \pm 15	664 \pm 30	860 \pm 8
Gas space ($\mu\text{l g}^{-1}$ FW)	226 \pm 48	222 \pm 21	190 \pm 44	213 \pm 33
Volume vacuole ($\mu\text{l g}^{-1}$ FW)	701	743	452	860
Volume stroma ($\mu\text{l g}^{-1}$ FW)	50	43	70	68
Volume cytosol ($\mu\text{l g}^{-1}$ FW)	42	38	58	82