

Supplementary Table S1. Data compilation results of the linear regression of transpiration (sap flow divided by total leaf area, mm) versus reference crop evapotranspiration (ET_o , mm) for (A) a data compilation of the literature and (B) the results found in this study. The null hypothesis states that the linear slope of the relationship between transpiration and reference crop evapotranspiration is equal to 0.347; therefore, the values in the slope column should equal 0.347. Note that the reciprocal of 0.347 is 2.88 which is the leaf area index (LAI) value for the $E_{2.88}$ model. Method: the sap flow method used in the respective study to estimate total sap flow. HRM: heat ratio method; SHB: stem heat balance method; TDP: thermal dissipation probe method; Tmax: Tmax method; CHPM: compensation heat pulse method; DMA: dual method approach.

(B)							
	<i>Pyrus communis</i> L.	Beurre Bosc Pear	0.343	0.000	0.789	35	DMA
	<i>Syzygium floribundum</i> F.Muell.	Weeping Lilly Pilly	0.344	0.000	0.799	34	DMA
	<i>Syzygium paniculatum</i> Gaertn.	Lilly Pilly	0.335	0.000	0.741	28	DMA
	<i>Pyrus communis</i> L.	Beurre Bosc Pear	0.361	0.000	0.779	35	HRM
	<i>Syzygium floribundum</i> F.Muell.	Weeping Lilly Pilly	0.284	0.000	0.136	34	HRM
	<i>Syzygium paniculatum</i> Gaertn.	Lilly Pilly	0.233	0.000	0.448	28	HRM
	<i>Pyrus communis</i> L.	Beurre Bosc Pear	0.709	0.000	0.000	35	Tmax
	<i>Syzygium floribundum</i> F.Muell.	Weeping Lilly Pilly	0.554	0.000	0.426	34	Tmax
	<i>Syzygium paniculatum</i> Gaertn.	Lilly Pilly	0.431	0.000	0.000	28	Tmax