

Table S3. Basic statistics on principal component 1 (PC1) of analysed leaves/leaflets (SD = standard deviation; SW p = p-value in Shapiro-Wilk test, where ^N indicates normal distribution).

Group	N	PC1 (fresh)					PC1 (dried)					ΔPC1				
		Mean	Min	Max	SD	SW p	Mean	Min	Max	SD	SW p	Mean	Min	Max	SD	SW p
All samples	794	0.0036	-0.4196	0.3965	0.1637	0.00	-0.0036	-0.4269	0.3769	0.1630	0.00	0.0072	-0.0134	0.0376	0.0077	0.00
<i>Betula pendula</i>	36	0.1324	0.0456	0.2191	0.0427	0.79 ^N	0.1232	0.0334	0.2085	0.0421	0.84 ^N	0.0093	0.0041	0.0141	0.0027	0.37 ^N
<i>Fagus sylvatica</i>	34	0.1805	0.1312	0.2221	0.0284	0.07 ^N	0.1777	0.1230	0.2222	0.0293	0.14 ^N	0.0028	-0.0047	0.0114	0.0044	0.21 ^N
<i>Ficus retusa</i>	36	-0.0343	-0.1158	0.0597	0.0429	0.38 ^N	-0.0542	-0.1414	0.0426	0.0433	0.51 ^N	0.0199	0.0070	0.0344	0.0068	0.80 ^N
<i>Fraxinus ornus</i>	29	0.0452	-0.1092	0.1790	0.0748	0.05	0.0415	-0.1168	0.1702	0.0759	0.03	0.0037	-0.0069	0.0127	0.0045	0.95 ^N
<i>Lamium album</i>	35	-0.0458	-0.0996	0.0634	0.0395	0.02	-0.0544	-0.1070	0.0529	0.0389	0.02	0.0087	0.0009	0.0162	0.0036	0.77 ^N
<i>Lupinus polyphyllus</i>	37	-0.1954	-0.2450	-0.1547	0.0261	0.06 ^N	-0.2004	-0.2525	-0.1580	0.0267	0.11 ^N	0.0050	0.0004	0.0102	0.0026	0.45 ^N
<i>Oemleria cerasiformis</i>	32	-0.0934	-0.1873	0.0046	0.0496	0.60 ^N	-0.0959	-0.1896	-0.0046	0.0491	0.54 ^N	0.0025	-0.0012	0.0113	0.0027	0.00
<i>Plantago lanceolata</i>	29	-0.3189	-0.3814	-0.2407	0.0270	0.10 ^N	-0.3238	-0.3878	-0.2461	0.0267	0.14 ^N	0.0049	-0.0007	0.0085	0.0022	0.58 ^N
<i>Plantago major</i>	28	0.1838	0.1243	0.2877	0.0398	0.16 ^N	0.1794	0.1171	0.2798	0.0401	0.13 ^N	0.0044	-0.0041	0.0117	0.0041	0.52 ^N
<i>Robinia pseudoacacia</i>	31	0.2611	0.1047	0.3965	0.0588	0.70 ^N	0.2428	0.0783	0.3769	0.0599	0.54 ^N	0.0182	0.0016	0.0376	0.0095	0.49 ^N
<i>Rosa arvensis</i> - shady	33	0.1262	0.0217	0.2401	0.0573	0.63 ^N	0.1225	0.0122	0.2320	0.0605	0.50 ^N	0.0037	-0.0117	0.0210	0.0082	0.76 ^N
<i>Rosa arvensis</i> - sunny	29	0.1343	0.0335	0.2180	0.0478	0.70 ^N	0.1292	0.0242	0.2149	0.0497	0.73 ^N	0.0051	-0.0100	0.0145	0.0067	0.09 ^N
<i>Salix pentandra</i>	28	-0.0688	-0.2222	0.0903	0.0688	0.98 ^N	-0.0731	-0.2304	0.0799	0.0694	0.99 ^N	0.0043	-0.0013	0.0112	0.0032	0.64 ^N
<i>Secale cereale</i>	30	-0.3979	-0.4196	-0.3628	0.0145	0.01	-0.4062	-0.4269	-0.3735	0.0133	0.01	0.0082	0.0044	0.0171	0.0032	0.01
<i>Sorbus aucuparia</i>	34	0.0344	-0.0469	0.2384	0.0525	0.00	0.0157	-0.0523	0.2165	0.0510	0.00	0.0186	0.0054	0.0305	0.0063	0.84 ^N
<i>Syringa</i> × <i>chinensis</i>	38	-0.0372	-0.0761	0.0119	0.0210	0.39 ^N	-0.0417	-0.0810	0.0070	0.0217	0.42 ^N	0.0046	-0.0012	0.0088	0.0028	0.10 ^N
<i>Syringa</i> × <i>prestoniae</i>	37	0.0269	-0.0629	0.1108	0.0354	0.57 ^N	0.0196	-0.0757	0.1055	0.0365	0.81 ^N	0.0074	-0.0033	0.0181	0.0045	0.98 ^N
<i>Syringa josikaea</i>	30	-0.0709	-0.1978	0.0301	0.0635	0.11 ^N	-0.0763	-0.2082	0.0204	0.0646	0.17 ^N	0.0054	-0.0045	0.0156	0.0044	0.24 ^N
<i>Syringa meyeri</i>	35	0.1445	-0.0221	0.3145	0.0949	0.15 ^N	0.1336	-0.0298	0.2940	0.0952	0.11 ^N	0.0110	-0.0119	0.0301	0.0086	0.84 ^N
<i>Syringa vulgaris</i>	32	0.1248	0.0513	0.1567	0.0268	0.01	0.1250	0.0541	0.1587	0.0270	0.01	-0.0002	-0.0065	0.0067	0.0029	0.99 ^N
<i>Trifolium repens</i>	36	0.2002	0.0952	0.3190	0.0492	0.40 ^N	0.1903	0.0665	0.3214	0.0524	0.29 ^N	0.0099	-0.0134	0.0344	0.0120	0.65 ^N
<i>Vinca minor</i> - current year	39	-0.0894	-0.1593	0.0278	0.0356	0.04	-0.0910	-0.1611	0.0240	0.0359	0.04	0.0016	-0.0043	0.0065	0.0027	0.55 ^N
<i>Vinca minor</i> - previous year	31	-0.0881	-0.1573	0.1884	0.0868	0.00	-0.0893	-0.1604	0.1906	0.0877	0.00	0.0012	-0.0047	0.0068	0.0026	0.39 ^N
<i>Wisteria floribunda</i>	35	-0.0899	-0.1694	-0.0398	0.0327	0.19 ^N	-0.1002	-0.1717	-0.0472	0.0304	0.46 ^N	0.0102	-0.0042	0.0203	0.0059	0.41 ^N