

**Table S2**  
 Net assimilation rates (A) of the plant species measured during the Beijing survey.

Plant type	Abr.	Latin name	English name	A [μmol m <sup>-2</sup> s <sup>-1</sup> ]
Trees	<i>Fv</i>	<i>Fraxinus velutina</i> Torr.	Velvet Ash	3.8±1.8
	<i>Md</i>	<i>Magnolia denudata</i> Desr.	Yulan Magnolia	2.7±0.7
	<i>Pp</i>	<i>Prunus persica</i> cv. Duplex	Flowering Peach	11.0±1.6
	<i>Aa</i>	<i>Ailanthus altissima</i> (Mill.) Swingle	Tree of Heaven	3.3±0.6
	<i>Sb</i>	<i>Salix babylonica</i> L.	Weeping Willow	7.7±0.9
	<i>Sj</i>	<i>Sophora japonica</i> L.	Japanese Pagoda Tree	7.4±0.6
	<i>Ms</i>	<i>Malus spectabilis</i> (Ait) Borkh.	Chinese Flowering Crabapple	5.7±2.5
	<i>Kp</i>	<i>Koelreuteria paniculata</i> Laxm.	Golden Rain Tree	3.6±0.4
	<i>Lc</i>	<i>Liriodendron chinense</i> x tulipikera	Chinese Tulip Tree	4.5±1.8
	<i>Pt</i>	<i>Populus tomentosa</i> Carr.	Chinese White Poplar	9.5±1.6
	<i>Cb</i>	<i>Catalpa bungei</i> C.A.Mey.	Manchurian Catalpa	6.2±1.4
	<i>Dk</i>	<i>Diospyros kaki</i> L.f.	Japanese Persimmon	3.0±0.7
	<i>Pa</i>	<i>Platanus</i> × <i>acerifolia</i> (Ait) Willd.	London Plane	8.0±1.8
	<i>Gb</i>	<i>Ginkgo biloba</i> L.	Maidenhair Tree	4.8±0.6
	<i>Up</i>	<i>Ulmus pumila</i> L.	Siberian Elm	9.0±1.3
	<i>Pc</i>	<i>Prunus cerasifera</i> Ehrh.	Pissard Plum	3.7±0.3
Shrubs	<i>Ej</i>	<i>Euonymus japonicus</i> Thunb.	Evergreen Euonymus	6.0±0.4
	<i>Sp</i>	<i>Syringa pekinensis</i> Rupr.	Broad-leaved Lilac	7.1±2.1
	<i>Lm</i>	<i>Lonicera maackii</i> (Rupr.) Maxim.	Amur Honeysuckle	2.5±0.4
	<i>Fs</i>	<i>Forsythia suspensa</i> (Thunb.) Vahl	Weeping Forsythia	5.9±1.7
	<i>Lq</i>	<i>Ligustrum quihoui</i> Carr.	Wax Leaf Privet	6.8±1.0
	<i>Bt</i>	<i>Berberis thunbergii</i> DC.	Japanese Barberry	9.0±1.0