

Supplementary Table S1. Average water-use efficiency (δ WUE, $\mu\text{mol CO}_2/\text{mol H}_2\text{O}$) \pm SE showed by each species in each 5-year period of the last 20 years of tree growth. The origin native (N) or invasive (I) is also shown

Year	<i>Ailanthus</i> (I)	<i>Robinia</i> (I)	<i>Ulmus</i> (N)	<i>Fraxinus</i> (N)
1985	103.31 \pm 2.19	98.86 \pm 3.36	88.47 \pm 3.30	96.40 \pm 5.68
1990	106.73 \pm 2.58	104.61 \pm 3.35	86.23 \pm 2.01	89.77 \pm 4.18
1995	107.74 \pm 2.01	105.15 \pm 1.62	93.60 \pm 1.98	88.39 \pm 2.25
2000	114.32 \pm 2.07	104.85 \pm 2.31	98.99 \pm 2.36	89.61 \pm 1.53
2005	118.02 \pm 3.21	108.64 \pm 2.99	104.71 \pm 2.83	95.73 \pm 3.23