

# Dry-Season Fog Water Utilization by Epiphytes in a Subtropical Montane Cloud Forest of Southwest China

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## Supplementary Materials:

**Figure S1:**



**Figure S1.** Photograph of self-made V-shaped fog collector (0.3m ×1m) (a) and cylindrical rain collector (0.2m × 0.65m) (b) at the study site.

**Table S1.** The  $\delta^2\text{H}$ ,  $\delta^{18}\text{O}$  and  $\delta^{13}\text{C}$  (‰) (mean  $\pm$  SE) of water sources and epiphytes from different groups in a subtropical montane cloud forest in the dry season. The abbreviations of species names are the same as in Figure 4.

Category	Water source / species name	$\delta^2\text{H}$ (‰)	$\delta^{18}\text{O}$ (‰)	$\delta^{13}\text{C}$ (‰)
Water sources	Fog water	$-27.4 \pm 4.9$	$-5.93 \pm 0.55$	/
	Humus	$-70.8 \pm 3.1$	$-8.80 \pm 0.46$	/
	Rainwater	$-88.9 \pm 13.7$	$-11.89 \pm 1.71$	/
Epiphytic lichens	NP	$-34.47 \pm 1.69$	$-3.135 \pm 0.66$	$-23.06 \pm 0.16$
	LR	$-34.9 \pm 8.53$	$-3.625 \pm 1.87$	$-24.47 \pm 0.43$
	HM	$-66.01 \pm 0.63$	$-8.02 \pm 0.13$	$-27.57 \pm 0.36$

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Epiphytic bryophytes	PA	$-70.49 \pm 4.47$	$-8.27 \pm 0.28$	$-29.46 \pm 0.29$
	BH	$-72.52 \pm 4.76$	$-7.84 \pm 0.64$	$-30.38 \pm 0.23$
	TC	$-77.79 \pm 3.99$	$-9.54 \pm 0.73$	$-30.96 \pm 0.39$
	AI	$-46.46 \pm 10.52$	$-5.66 \pm 1.42$	$-32.15 \pm 0.18$
Epiphytic ferns	LL	$-60.98 \pm 2.63$	$-6.47 \pm 0.08$	$-29.53 \pm 0.27$
	HP	$-70.76 \pm 6.77$	$-7.31 \pm 1.54$	$-27.81 \pm 0.31$
	LC	$-77.33 \pm 3.03$	$-9.22 \pm 0.52$	$-34.33 \pm 0.40$
Epiphytic seed plants	AB	$-40.80 \pm 2.77$	$-6.30 \pm 0.68$	$-32.51 \pm 0.36$
	AM	$-48.24 \pm 0.51$	$-7.20 \pm 0.59$	$-32.06 \pm 0.37$