



Field date collection

Morphology and organic matter content of leaves^{5,6,7,12,13,19,21,26,27}

Photosynthetic performance of leaves^{7,26}

Foliage dynamics^{6,7,12,21,26,27}

Branching characteristics^{6,7,12,13,21,26,27}

Culm tracking survey^{1,2,...,28}

Canopy openness and topography^{1,2,...,28}

Soil nutrients^{6,7,11,12,13,18,19,20,21,26,27}

Figure S1. Canopy species distribution and field data collection sites across the study plot.