

Altitudinal patterns and controls of plant and soil nutrient contents and stoichiometry in subtropical China

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Supplementary information

Table S1: Basic information for the 19 forest plots along an altitude gradient in the Dinghushan Biosphere Reserve, South China.

Plot number	Altitude (m)	Slope	Community height (m)	Vegetation type	Dominant species
1	45	15 °	25	Coniferous & broadleaved mixed forest	<i>Pinus massoniana</i> ; <i>Eucalyptus robusta</i> ; <i>Astanopsis fissa</i>
2	86	30 °	23	Ravine rainforest	<i>Ficus nervosa</i> ; <i>Caryota Ochlandra</i> ; <i>Cryptocarya chinensis</i> .
3	143	25 °	24		
4	201	20 °	20	Evergreen broadleaved forest	<i>C. chinensis</i> ; <i>Schima superba</i> ; <i>Cryptocarya concinna</i> ; <i>Lindera chunii</i> .
5	250	32 °	19		
6	289	30 °	20	Coniferous & broadleaved mixed forest	<i>Schima superba</i> ; <i>C. chinensis</i> ; <i>P. massoniana</i> ; <i>Craibiodendron kwangtungense</i> ; <i>Castanopsis fissa</i> .
7	355	15 °	12		
8	388	30 °	15		
9	453	30 °	13		
10	499	32 °	15		
11	552	15 °	10		
12	596	25 °	6		
13	648	30 °	7	Mountainous evergreen broadleaved	<i>Engelhardtia chrysolepis</i> , <i>Bridelia monoica</i> ,

				forest	<i>Machilus velutina; Rhododendron sinai.</i>
14	700	15 °	4		
15	750	15 °	5		
16	800	30 °	4.5	Tall shrub	<i>R. sinai; Corydalis pallida.</i>
17	849	25 °	2		
18	893	15 °	2.5	Low shrub	<i>Rhododendron simsii; C. pallid; Aristida chinensis; Eriachne pallescens.</i>
19	944	5 °	1.5		
