

New Phytologist Supporting Information

Article title: **What happens after drought ends: synthesizing terms and definitions**

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The following Supporting Information is available for this article:

Table S1. Summary of the mechanisms that papers cited as the reason for the response observed.

Mechanisms	Number of papers
Biotic	
Changes in physiology	13
Foliage losses	5
Loss of trees/ evapotranspiration	1
Species trait shifts	1
Photoprotection	1
Reductions in photosynthesis	1
Root to shoot ratios	1
Plant community change	2
Seedling establishment	1
Microbial community mediated	4
Higher levels of microbial biomass	1
Less active microbial community	1
Microbial turnover of plant-derived C	1
Age/height of plant	4
Effect of neighboring trees	2
Root exudation	2
Root regeneration/growth	1
Stomatal and biochemical traits	1
Plant enzyme activity change	4
Prioritization of leaf flushing	1
Biomass allocations and carbohydrate metabolisms	1
Carbon reserves	5
Storage of carbohydrates	1
Loss of carbohydrates	2
Abiotic	
Water reserves left over from year before	5
Change in nutrient concentrations	5
Elevated nitrogen levels	3
Increased light availability	2
Precipitation related (water amount)	5
Unclear	5
