

**Supplementary file 1.** Classification of structural groups of trees, snags and logs used to calculate structural diversity indices.

	Relative height	Diameter (cm)	Decay stage
<b>Live trees</b>			
Suppressed	Suppressed	> 5	
Small diameter intermediate height	Intermediate	5 – 10	
Large diameter intermediate height	Intermediate	> 10	
Small diameter tall	Co-dominant, dominant	5 – 10	
Medium diameter tall	Co-dominant, dominant	11 – 15	
Large diameter tall	Co-dominant, dominant	> 15	
<b>Snags</b>			
Stump	< 3 m	All	1 – 3
Small diameter suppressed recent	Suppressed	5 – 10	1
Small diameter suppressed decayed	Suppressed	5 – 10	2, 3
Large diameter recent	Suppressed, intermediate, Co-dominant, dominant	> 10	1
Large diameter suppressed decayed	Suppressed	> 10	2, 3
Small diameter tall recent	Intermediate, co-dominant, dominant	5 – 10	1
Tall decayed	Intermediate, co-dominant, dominant	All	2, 3
<b>Logs</b>			
Small lightly decayed		5 – 10	1
Small moderately decayed		5 – 10	2
Small well decayed		5 – 10	3
Medium lightly decayed		11 – 15	1
Medium moderately decayed		11 – 15	2
Medium well decayed		11 – 15	3
Large lightly decayed		> 15	1
Large moderately decayed		> 15	2
Large well decayed		> 15	3