

Table S2: Statistical results of multilevel linear mixed-effects models with Hedges' d as response variable, the interaction of saproxylic/ non-saproxylic and disturbance type as a predictor as well as study site and taxonomic groups as random effects (i.e. Hedges' d ~ time since disturbance + disturbance type: saproxylic/ non-saproxylic + (1|study site + taxonomic group) -1). Statistical results are based on a simultaneous inference procedure to compare the effects of salvage logging on numbers of species across saproxylic and non-saproxylic species groups within each disturbance type. Significant p-values are given in bold.

Variable	Estimate	Std_error	t_value	p_value
Years after disturbance	-5.21 e⁻³	1.05 e⁻³	-4.99	<0.001
Insect disturbance				
Non-Saproxylic vs. Saproxylic	4.29 e ⁻²	1.38 e ⁻¹	3.10 e ⁻¹	0.757
Wildfire				
Non-Saproxylic vs. Saproxylic	4.49 e⁻¹	1.64 e⁻¹	2.73	0.006
Windstorm				
Non-Saproxylic vs. Saproxylic	2.42 e⁻¹	1.19 e⁻¹	2.03	0.043