Table S2. Person product correlation coefficients and p-values (P≤0.05) for growth (basal area increment/basal area) (1925-2015) of individual beetle-killed trees vs. climate variables for Devils Tower (DETO). MA = mean annual, GS = growing season, PDSI = Palmer drought severity index. Yellow = significant positive correlation, turquoise = significant negative correlation.

DETO Beetle-killed Tree	MA Temperature		MA Precipitation		MA PDSI		GS Temperature		GS Precipitation		GS PDSI	
	r	P-value	r	P-value	r	P-value	r	P-value	r	P-value	r	P-value
DETOD2AA	0.1472	0.1661	-0.1317	0.2160	-0.1831	0.0841	0.0135	0.8995	-0.0819	0.4426	-0.1565	0.1406
DETOL1A	-0.0001	0.9992	0.1154	0.2789	0.2468	0.0190	0.0265	0.8040	0.0829	0.4372	0.2201	0.0371
DETOL1B	-0.1918	0.0701	0.1411	0.1845	0.1829	0.0845	-0.1085	0.3088	0.0993	0.3519	0.1602	0.1315
DETOL2A	0.0079	0.9407	0.1147	0.2815	0.1268	0.2337	-0.2017	0.0567	0.1310	0.2183	0.1336	0.2094
DETOL2B	0.2242	0.0337	-0.0329	0.7582	-0.0182	0.8650	0.2264	0.0319	0.0135	0.8999	0.0059	0.9554
DETOL3A	-0.0534	0.6171	-0.0503	0.6380	-0.0531	0.6192	0.0920	0.3884	0.0217	0.8394	-0.0623	0.5599
DETOL3B	0.1047	0.3262	0.0092	0.9317	-0.0161	0.8804	0.0687	0.5002	-0.0153	0.8860	0.0117	0.9127
DETOL4A	-0.2517	0.0167	0.0554	0.6041	0.1794	0.0907	-0.2799	0.0075	0.0031	0.9770	0.1701	0.1089
DETOL4B	0.1472	0.1661	-0.1317	0.2159	-0.1831	0.0840	0.0135	0.8995	-0.0820	0.4425	-0.1565	0.1406
DETOL5A	-0.0798	0.4547	0.0303	0.7769	0.2337	0.0266	-0.0585	0.5839	0.0038	0.9718	0.2112	0.0457
DETOL5B	-0.1918	0.0701	0.1411	0.1845	0.1829	0.0845	-0.1085	0.3088	0.0993	0.3519	0.1602	0.1315
DETOL6A	-0.0931	0.3830	0.2053	0.0522	0.2529	0.0162	-0.3098	0.0030	0.1946	0.0661	0.2518	0.0167
DETOL6B	0.2242	0.0337	-0.0329	0.7581	-0.0182	0.8649	0.2264	0.0319	0.0134	0.8999	0.0059	0.9555
DETOL7A	-0.0534	0.6171	-0.0503	0.6381	-0.0531	0.6193	0.0920	0.3884	0.0217	0.8394	-0.0623	0.5599
DETOL7B	0.1047	0.3262	0.0092	0.9317	-0.0118	0.8804	0.0687	0.5200	-0.0153	0.8860	0.0117	0.9127
DETOL8A	-0.2517	0.0167	0.0554	0.6041	0.1794	0.0907	-0.2799	0.0075	-0.0031	0.9770	0.1701	0.1089
DETOL8B	-0.1856	0.0799	0.2414	0.0219	0.2856	0.0064	-0.2434	0.0208	0.1806	0.0886	0.2913	0.0053
DETOL9A	-0.3264	0.0017	0.3148	0.0025	0.5037	<0.0001	-0.3882	0.0002	0.1939	0.0670	0.5042	<0.0001