Table 10.1
Average acorn production, green weight and dry biomass conversion factors for five species of southern Appalachian oaks, 1993–1997

Species	*N*	*Acorns (±SE) per m^2 BA*	*Green weight (±SE) (kg/m^2 BA)*	*Green weight conversion (kg/m^2 BA)*	*Dry biomass (kg/m^2 BA)*	*Dry biomass conversion (kg/m^2 BA)*
Black oak	88	2,045 ± 966[a]	5.36 ± 2.53[a]	0.00262	2.43 ± 1.15[a,b]	0.00119
Northern red oak	111	2,511 ± 1,097[a,b]	17.07 ± 7.46[b]	0.00680	6.38 ± 2.79[c]	0.00254
Scarlet oak	124	2,807 ± 1,401[a,b]	8.48 ± 4.23[c]	0.00302	3.59 ± 1.79[a]	0.00128
Chestnut oak	161	1,274 ± 841[c]	10.26 ± 6.77[a]	0.00805	3.22 ± 2.13[b]	0.00253
White oak	155	4,216 ± 3,118[b]	13.32 ± 9.85[d]	0.00316	5.31 ± 3.93[d]	0.00126

Notes: Green weight and dry biomass conversion factors are based on a subsample of sound acorns drawn from all five years (1993–1997).
Superscript letters following acorn numbers or weights denote means within the column that are significantly different based on ANOVA.