Supplementary Material

Fig. S1 - Effect of the mean temperature in March (left) and precipitation amount during June (right) on annual BAI at FSs with different moisture regimes, *i.e.*, "Water" FS group with ± 95% confidence intervals marked.
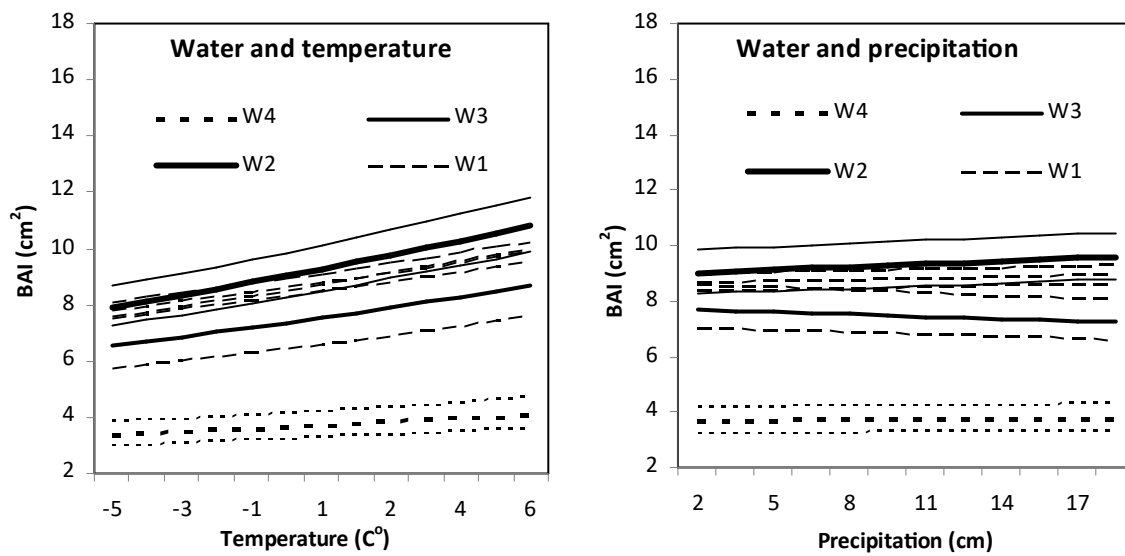
Fig. S2 - Effect of mean temperature in March (left) and precipitation amount during June (right) on the annual BAI for the considered 20-year period at FSs with different nutrient levels, *i.e.*, "Nutrients" FS group with the ± 95% confidence intervals marked.
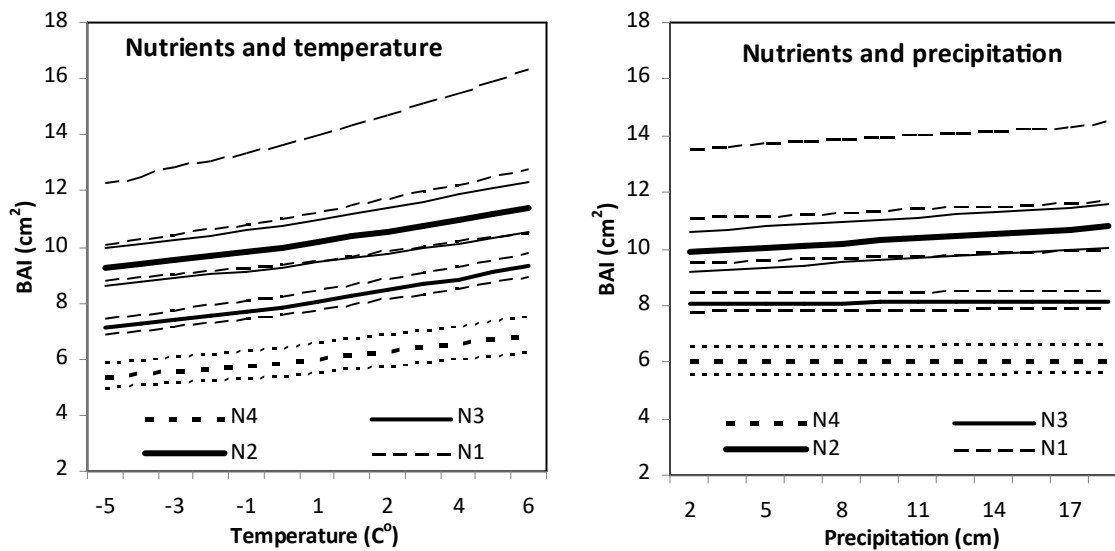
Fig. S3 - Effect of temperature in March and precipitation during June on BAI formation of pine trees in different aged FS groups.
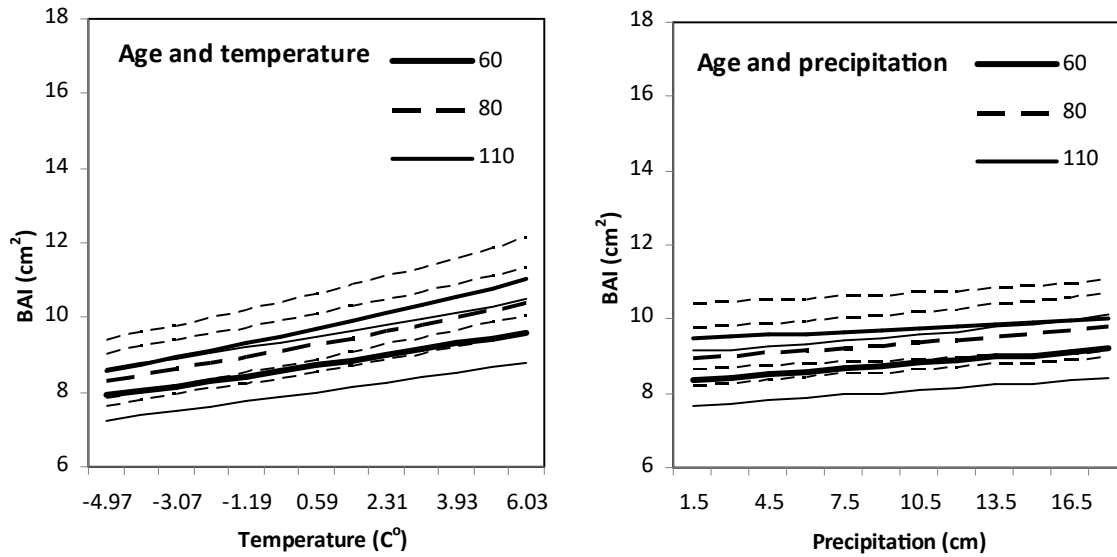
Fig. S4 - Effect of the proportion of pine trees in mixed pine stands on pine BAI formation at FSs with different moisture regimes, "Water", and fertility levels, "Nutrients", with ± 95% confidence intervals marked. A mixing proportion value of 1 indicates a pure pine stand.