

Standardized values
relative to plant species averages between 1900-1960

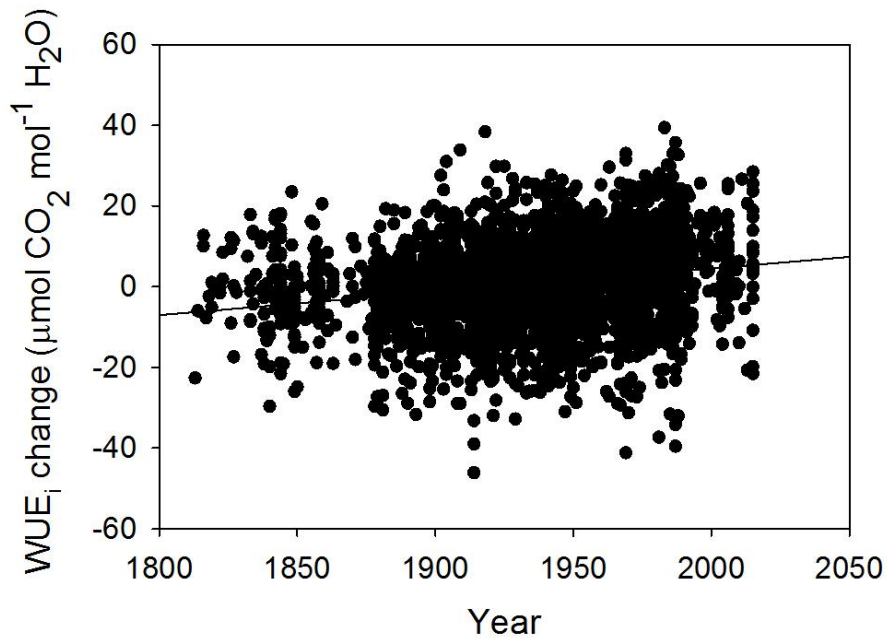


Fig. 1. Increasing intrinsic water use efficiency (calculated from leaf C isotope values) of herbaceous plants since 1820.

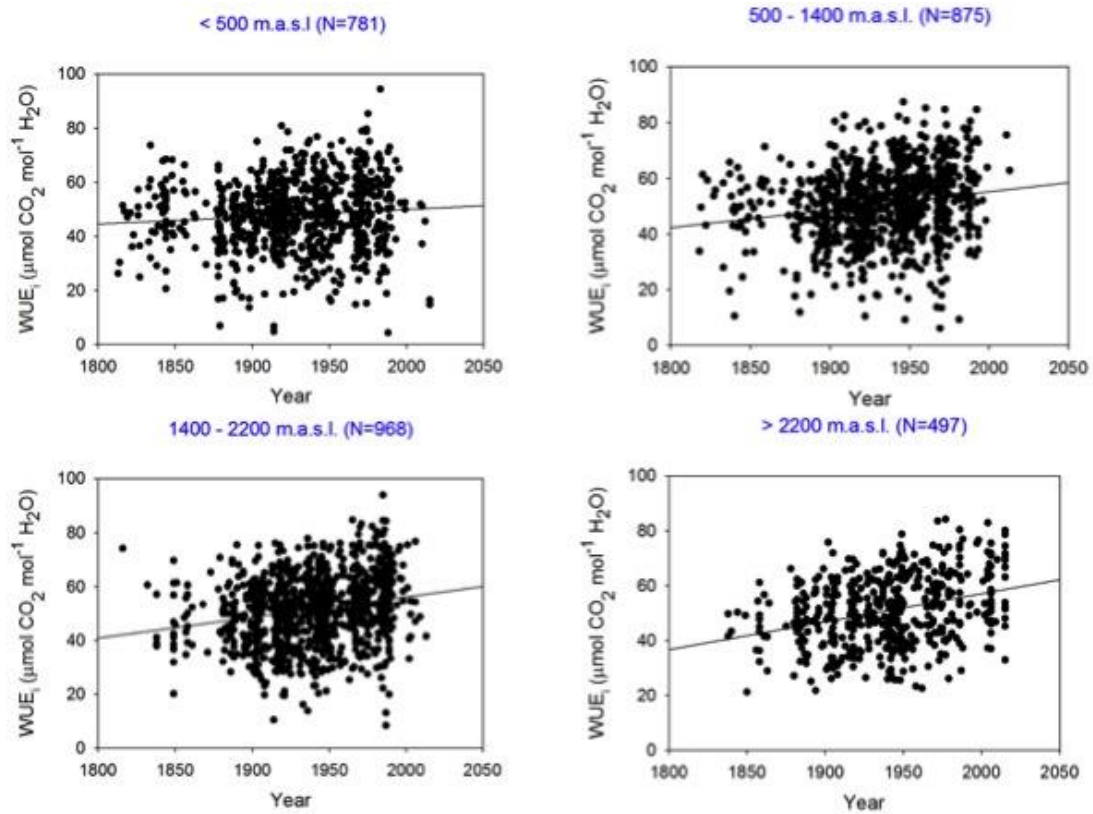


Fig. 2. Contrasting increment rates of intrinsic water use efficiency (calculated from leaf C isotope values) of herbaceous plants since 1820 depending on elevation.

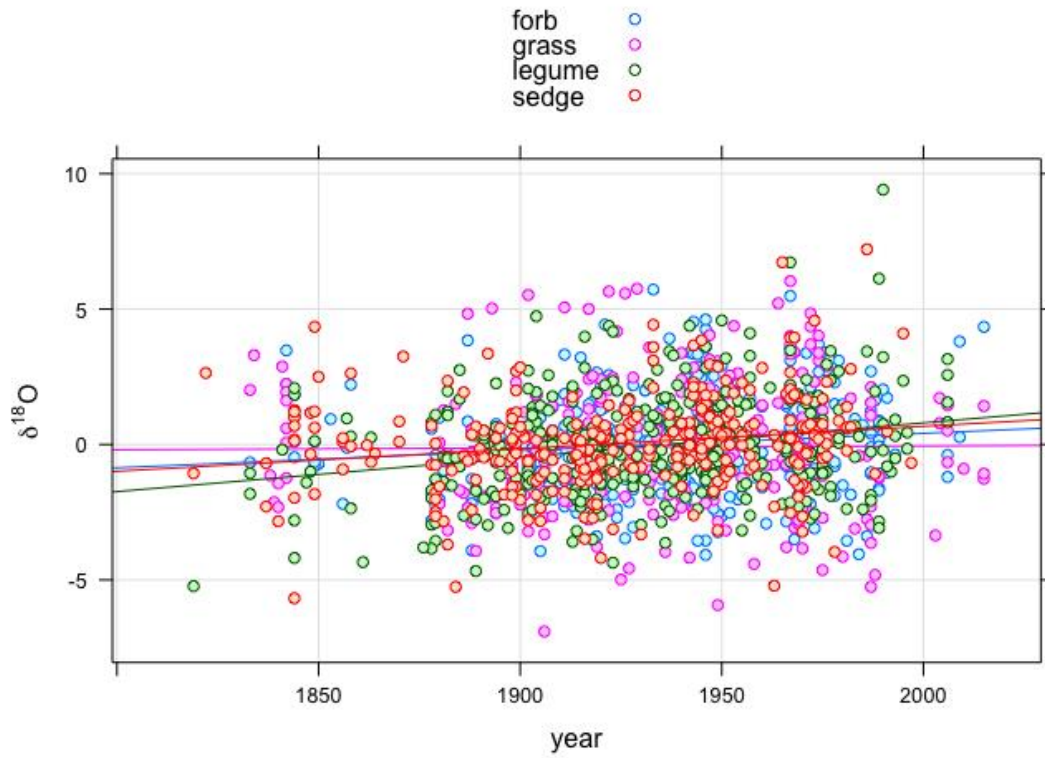


Fig. 3 Trend with time in the leaf oxygen isotope composition of sedge, legume grass and forb species since 1820.

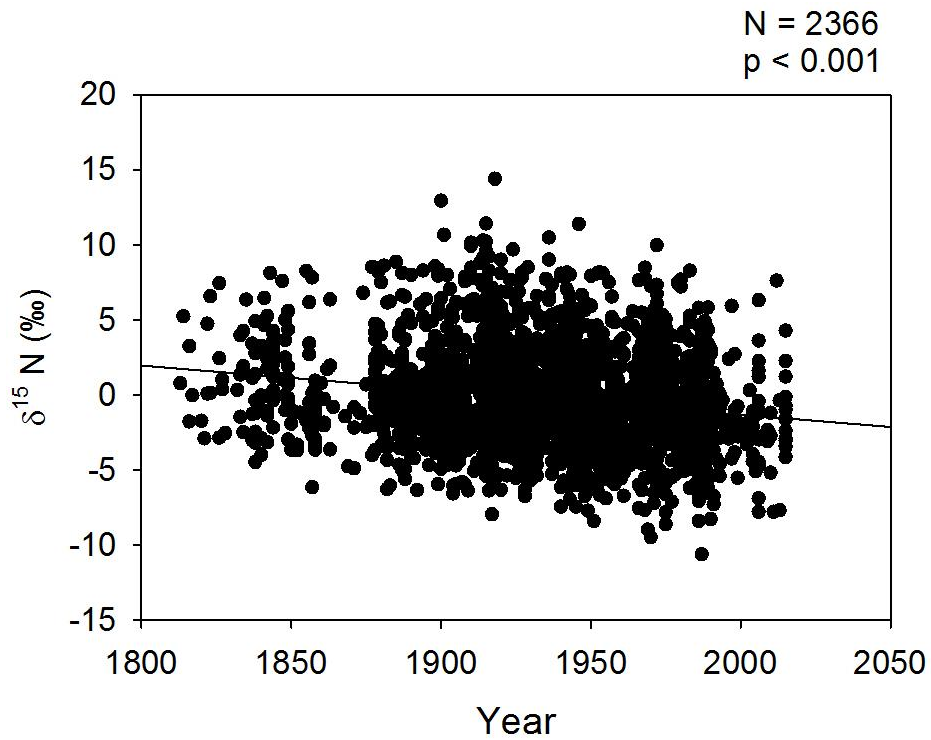


Fig. 4. General decrease in the leaf N isotope composition of herbaceous plants since 1820.

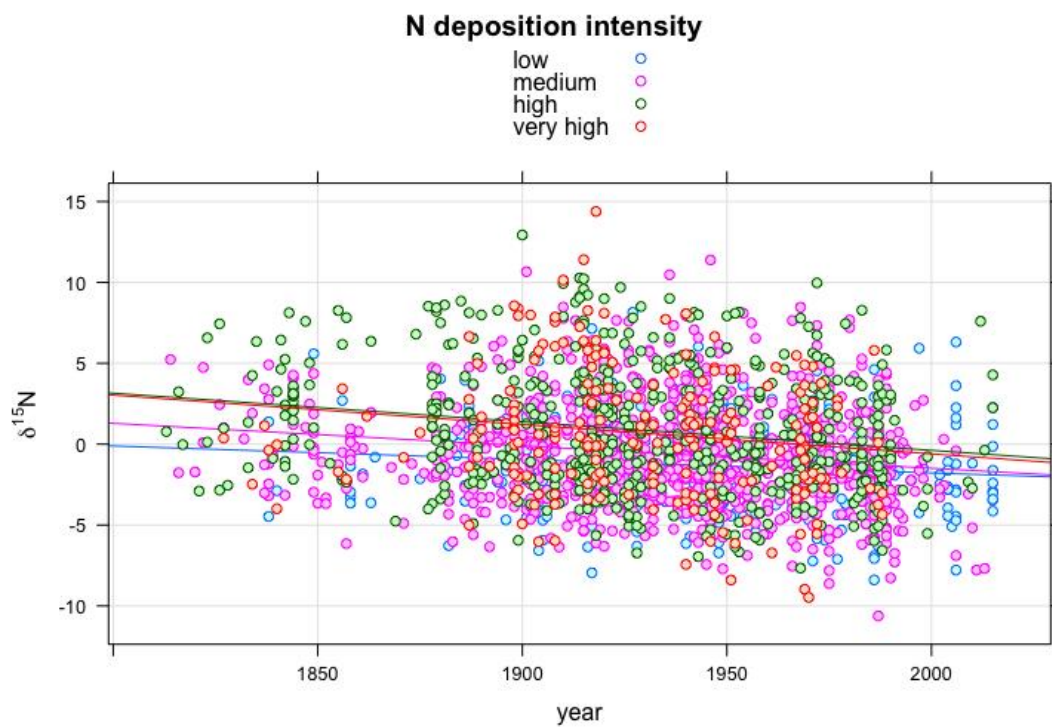


Fig. 5. General decrease in the leaf N isotope composition of herbaceous plants since 1820 regardless of the N deposition levels that are currently being deposited at the locations where specimens were collected.

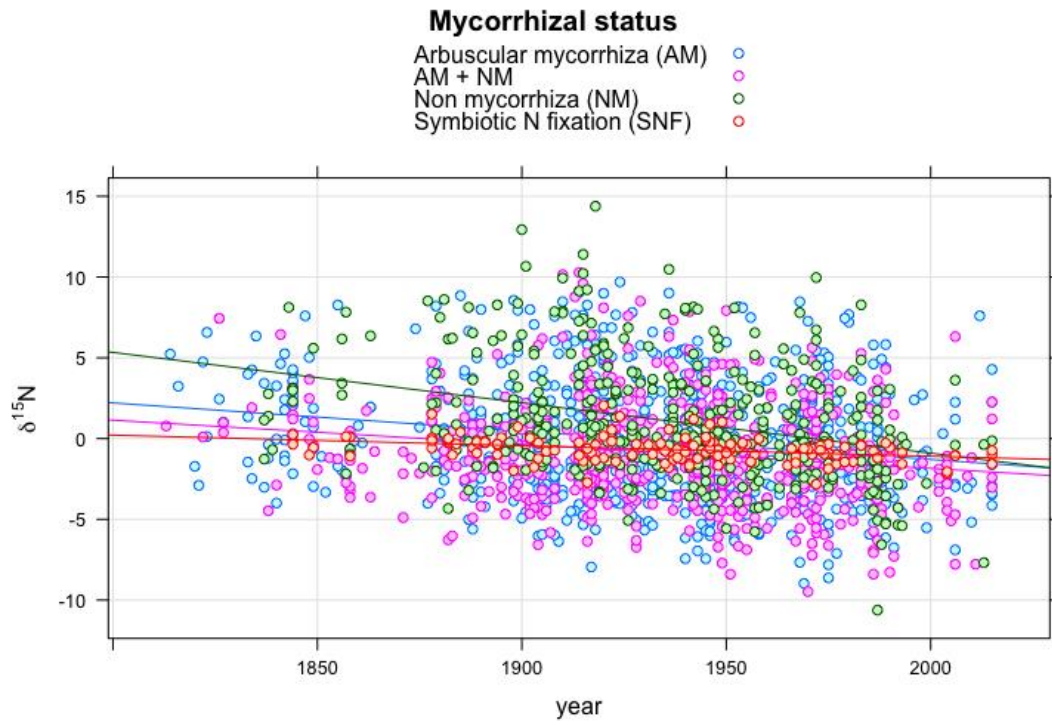


Fig. 6. The decrease in the leaf N isotope composition of herbaceous plants since 1820 depends on the mycorrhizal status of plant species. Slopes are significantly different: $P=0.004$