



Semi natural grassland: floristic diversity and plant traits

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Objectives

In two semi natural grassland (Zanini, Stanzano), in two years (2007-2008):

- Floristic Analysis (Number of Species, Pastoral Value)
- Functional Analysis (Leaf Life Span, LLS, of the dominant species *Brachypodium pinnatum* and *Bromus erectus*)
- Correlations between these two kinds of parameters

Poster n° 38- Session n°2



Main results

- Zanini area have a higher specific diversity and higher PV values compared to the Stanzano area.
- In the two areas the LLS values of both species (*B. pinnatum*, *B. erectus*) in both years (2007-08) present statistically significant differences.
- LLS of the two species, in the two years, are negatively correlated with the Number of Species in the two areas; correlations with the PV are not significant.