Biodiversity and Conservation

Biodiversity and conservation of terricolous lichens and bryophytes in continental lowlands of northern Italy: the role of different dry habitat types

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Online Resource 2

Variables included in the formulation of GLMMs and PERMANOVA.

The formulation of the GLMMs included the following variables:

Species richness in heathlands \sim % cover of therophytes + % cover of hemicryptophytes + % cover of phanerophytes + pH + annual precipitation + mean annual temperature.

Species richness in acidic dry grasslands \sim % cover of therophytes + % cover of hemicryptophytes + % cover of phanerophytes + pH + mean annual temperature + % cover of the shrub layer.

Species richness in calcareous dry grasslands \sim % cover of therophytes + % cover of hemicryptophytes + % cover of phanerophytes + pH + annual precipitation + % cover of the herb layer.

The formulation of the PERMANOVA included the following variables:

Species assemblage in heathlands \sim % cover of therophytes + % cover of hemicryptophytes + % cover of phanerophytes + pH + annual precipitation + mean annual temperature.

Species assemblage in acidic dry grasslands \sim % cover of therophytes + % cover of hemicryptophytes + % cover of phanerophytes + pH + mean annual temperature + % cover of the shrub layer.

Species assemblage in calcareous dry grasslands \sim % cover of therophytes + % cover of hemicryptophytes + % cover of phanerophytes + pH + annual precipitation + % cover of the herb layer.