Appendix I. List of coenological roles of species, traits and trait states considered in the study, their description, and data sources.

| | | Description | Data source |
|---|---|---|---|
| Coenological role of species | Dominant; subordinate; accidental | Species were aggregated into three groups on the basis of their respective mean cover percent values (dominant species: > 25.0%; subordinate species: 1.1–25.0%, accidental species: ≤ 1.0%) | 40 vegetational relevés (10 m x 10 m), 20 in mown, and 20 in unmown meadows. The table with mean cover percent values is reported in the Appendix II |
| Trait / Trait states | Storage organs - Presence; absence | Occurrence/absence of storage organs in the plant | Klotz et al. (2002), Klimešová & Klimeš (2006); checked and supplemented by field observations |
| | Type of storage organs - Persistent tap root; epigeogenous stem (rhizome); hypogeogenous stem (rhizome); root tuber; bulb (sometimes with bulbils) | Type of storage organ identified following Klotz et al. (2002) and Klimešová & Klimeš (2006) | Klotz et al. (2002), Klimešová & Klimeš (2006); checked and supplemented by field observations |
| | Vegetative propagation - Presence; absence | Occurrence/absence of vegetative propagation in all adult plants | Klotz et al. (2002), Klimešová & Klimeš (2006); checked and supplemented by field observations |
| | Type of vegetative propagation - Epigeogenous stem (rhizome); epigeogenous stem (runner-like rhizome); hypogeogenous stem (rhizome); runner; root tuber; root shoot; root splitter; bulb (sometimes with bulbils) | Type of vegetative propagation, identified following Bell (1991), Klotz et al. (2002), and Klimešová & de Bello (2009) | Klotz et al. (2002), Klimešová & Klimeš (2006); checked and supplemented by field observations |
| | Plant height (cm) - < 20; 21–40; 41–60; 61–80; 81–100 | Plant height (Pignatti 1982) categorized in classes 20 cm wide | Pignatti (1982); checked by measurements of adult plants |
| | Leaf anatomy - Scleromorphic; mesomorphic; hygromorphic; helomorphic; succulent. | Main structures within the leaves to fulfill specific tasks (e.g., supporting tissues, water storage), identified following Klotz et al. (2002) and Küster et al. (2010) | Klotz et al. (2002); checked and supplemented by own observations |
| | Leaf persistence - Persistent green; overwintering green; spring green; summer green | Classification of how long a leaf persist on a plant from emergence until cast, according the categories indicated in Klotz et al. (2002) | Klotz et al. (2002); checked and supplemented by field observations made during the year |
| | Type of horizontal space occupation - Absent; caespitose; caespitose and reptant; pleiocorm and reptant; rosulate; reptant; prostrate; pleiocorm | How plant takes up the space on the horizontal plane (Pignatti 1982; Klotz et al. 2002) | Pignatti (1982); checked by field observations |
| | Type of vertical space occupation - Leafy stem, narrow leaves (grass); broad leaves equally spaced along the stem (erosulate upright forb); broad leaves either scattered or tightly packed along the stem (hemirosulate upright forb); no leafy stem, narrow basal leaves; no leafy stem (sedge); broad basal leaves (rosette forb) | Classification based on the width of leaves and on their position along the stem (Liira & Zobel 2000; Klotz et al. 2002) | Pignatti (1982); checked by field observations |
| | Seed weight (mg) - 0.01–0.20; 0.21–0.50; 0.51–1.00; 1.01–2.00; 2.01–4.00; 4.01–10.00; > 10.00 | Seed weight categorized in classes (Hodgson et al. 1995, modified) | Grime et al. (1988); Klotz et al. (2002); collection and weigh of the seeds in the laboratory |

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