Table S1. Species composition of plants in the annual wildflower strips by cover, averaged for June and July. The plant species cover was quantified using a six-point scale (the ranges refer to the percentage cover): 5 – 76-100%; 4 – 51-75%; 3 – 26-50%; 2 – 11-25%; 1 – 1-10%; and 0.1 – for values < 1%. The highlighted species were in the seed mix used.

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| --- | --- | --- | --- | --- |
| Species/taxon | Mean cover in plots |  | Species/taxon | Mean cover in plots |
| *Fagopyrum esculentum* | 2.143 |  | *Veronica arvensis* | 0.026 |
| *Chenopodium album* | 1.179 |  | *Scleranthus annuus* | 0.024 |
| *Polygonum persicaria* | 0.962 |  | *Myosotis arvensis* | 0.021 |
| *Centaurea cyanus* | 0.912 |  | *Viola arvensis* | 0.021 |
| *Secale cereale* | 0.807 |  | *Cirsium arvense* | 0.019 |
| *Matricaria perforata* | 0.579 |  | *Euphorbia helioscopia* | 0.019 |
| *Elymus repens* | 0.560 |  | *Galinsoga parviflora* | 0.019 |
| *Polygonum lapathifolium* | 0.493 |  | *Nigella arvensis* | 0.019 |
| *Thlaspi arvense* | 0.421 |  | *Vicia sativa* | 0.019 |
| *Stellaria media* | 0.371 |  | *Consolida regalis* | 0.017 |
| *Polygonum aviculare* | 0.274 |  | *Poa annua* | 0.017 |
| *Apera spica-venti* | 0.271 |  | *Sonchus asper* | 0.017 |
| *Chamomilla recutita* | 0.255 |  | *Equisetum arvense* | 0.014 |
| *Matthiola longipetala* | 0.143 |  | *Geranium pusillum* | 0.014 |
| *Setaria viridis* | 0.124 |  | *Fumaria officinalis* | 0.012 |
| *Erodium cicutarium* | 0.119 |  | *Satureja hortensis* | 0.012 |
| *Vicia hirsuta* | 0.107 |  | *Aphanes arvensis* | 0.010 |
| *Fallopia convolvulus* | 0.105 |  | *Arenaria serpyllifolia* | 0.010 |
| *Capsella bursa-pastoris* | 0.093 |  | *Galeopsis tetrahit* | 0.010 |
| *Echinochloa crus-galli* | 0.083 |  | *Artemisia vulgaris* | 0.007 |
| *Veronica persica* | 0.071 |  | *Lamium amplexicaule* | 0.007 |
| *Anchusa arvensis* | 0.069 |  | Asteraceae | 0.007 |
| *Tagetes tenuifolia* | 0.067 |  | *Anagallis arvensis* | 0.005 |
| *Crepis tectorum* | 0.064 |  | *Anthemis arvensis* | 0.005 |
| *Galeopsis* sp. | 0.057 |  | *Papaver rhoeas* | 0.005 |
| *Agrostemma githago* | 0.057 |  | *Valerianella locusta* | 0.005 |
| *Papaver argemone* | 0.057 |  | *Vicia tetrasperma* | 0.005 |
| *Lamium purpureum* | 0.050 |  | *Alopecurus aequalis* | 0.002 |
| *Avena sativa* | 0.043 |  | *Brassica napus* | 0.002 |
| *Calendula officinalis* | 0.043 |  | *Galeopsis bifida* | 0.002 |
| *Arabidopsis thaliana* | 0.038 |  | *Plantago major* | 0.002 |
| *Trifolium* sp. | 0.031 |  | *Rumex crispus* | 0.002 |
| *Anethum graveolens* | 0.029 |  | *Rumex* sp. | 0.002 |
| *Spergula arvensis* | 0.029 |  | *Trifolium incarnatum* | 0.002 |
| *Bidens* sp. | 0.026 |  | *Vaccaria hispanica* | 0.002 |
| *Sonchus arvensis* | 0.026 |  | Brassicaceae | 0.002 |