

Raevel, V., Violle, C. and Munoz, F. 2012. Mechanisms of ecological succession: insights from plant functional strategies. – *Oikos* 121: 1761–1770.

Appendix 1

Table A1. Scientific names, abbreviations and trait values of the 97 species included in the survey. Scientific names follow the nomenclature BDNFF V4.02 (Bock 2005). Three traits were measured (denoted with superscript ¹) and the four other were extracted from bibliographic sources: ²Tison and Jauzein (in press); ³Navas et al. (2010) and Seed Information Database (Liu et al. 2008); ⁴LEDA (Kleyer et al. 2008); ⁵Biolflor (Klotz et al. 2002). H = vegetative height (in cm); SLA = specific leaf area (in mm² mg⁻¹); SM = seed mass (mg); FS = flowering start period [JM: January–March; A: April; M: May; JA: June–August]; DM = dispersal mode [A: anemochory; B: barochory and autochory are grouped; Epi: epizoochory and myrmerochory are grouped; End: endozoochory]; LS = life span [SL: short-lived; HP: herbaceous perennial; WP: woody perennial].

Species	abbrev	H ¹	SLA ¹	GM ³	FS ²	DM ^{4,5}	LS ²
<i>Amelanchier ovalis</i>	Amo	187.9	14.3	4.60	JM	End	WP
<i>Antirrhinum majus</i>	Anm	49.2	17.8	0.20	JM	Epi	WP
<i>Aphyllanthes monspeliensis</i>	Apm	27.9	5.1	0.09	M	B	HP
<i>Arabis collina</i>	Arc	1.4	13.8	0.09	M	A	HP
<i>Aristolochia pistolochia</i>	Arp	16.4	18.3	1.30	JM	B	HP
<i>Arrhenatherum elatius</i> subsp. <i>bulbosum</i>	Are	14.5	23.5	2.80	M	Epi	HP
<i>Asperula cynanchica</i>	Asc	30.1	11.7	0.73	M	B	WP
<i>Asplenium ruta-muraria</i>	Asr	4.9	12.8	10 ⁻⁴	JA	A	HP
<i>Asplenium trichomanes</i>	Ast	5.7	15.7	10 ⁻⁴	JM	A	HP
<i>Avena barbata</i>	Avb	12.6	27.3	9.00	M	Epi	SL
<i>Avenula bromoides</i>	Avb2	8.5	13.5	0.59	M	Epi	HP
<i>Biscutella laevigata</i>	Bil	8.5	13.3	4.36	M	A	HP

<i>Bituminaria bituminosa</i>	Bib	16.2	12.2	39.50	M	Epi	HP
<i>Blackstonia perfoliata</i>	Blp	19.7	28.4	0.01	M	B	SL
<i>Brachypodium pinnatum</i>	Brp	17.0	22.8	2.80	JA	Epi	HP
<i>Brachypodium retusum</i>	Brr	7.7	14.5	2.88	M	Epi	HP
<i>Bromus diandrus</i>	Brd	7.0	35.8	10.66	M	Epi	SL
<i>Bromus erectus</i>	Bre	25.1	11.0	4.36	M	Epi	HP
<i>Bromus madritensis</i>	Brm	4.0	35.8	3.33	M	Epi	SL
<i>Bupleurum rigidum</i>	Bur	20.0	14.0	0.95	JA	B	HP
<i>Buxus sempervirens</i>	Bus	77.5	8.7	14.30	JM	End	WP
<i>Campanula erinus</i>	Cae	5.9	31.0	0.19	A	B	SL
<i>Centaurea pectinata</i>	Cep	4.5	16.9	0.75	JA	Epi	HP
<i>Centranthus calcitrapae</i>	Cec	6.0	27.2	0.50	JM	A	SL
<i>Centranthus lecoqii</i>	Cel	52.0	12.9	1.66	M	A	WP
<i>Cephalaria leucantha</i>	Cel2	15.4	13.5	5.40	JA	A	WP
<i>Ceterach officinarum</i>	Ceo	4.1	12.5	10 ⁻⁴	A	A	HP
<i>Clematis vitalba</i>	Clv	122.3	14.8	2.30	JA	A	WP
<i>Conyza sumatrensis</i>	Cos	34.2	13.9	0.04	JA	A	SL
<i>Crepis nicaeensis</i>	Crn	7.7	18.2	0.50	M	A	SL
<i>Crepis sancta</i>	Crs	6.3	28.7	0.14	JM	A	SL
<i>Cytisophyllum sessilifolium</i>	Cys	80.0	13.6	14.70	M	B	WP
<i>Dactylis glomerata</i> subsp. <i>hispanica</i>	Dag	13.9	26.5	0.62	M	Epi	HP
<i>Dianthus sylvestris</i> subsp. <i>longicaulis</i>	Dis	8.6	7.3	0.42	JA	Epi	HP
<i>Dittrichia viscosa</i>	Div	33.2	29.1	0.39	JA	A	WP
<i>Dorycnium pentaphyllum</i>	Dop	15.0	13.0	2.80	M	B	WP
<i>Echium vulgare</i>	Ecv	4.5	10.7	3.04	M	B	SL
<i>Euphorbia characias</i>	Euc	27.6	11.0	3.30	A	Epi	WP
<i>Euphorbia nicaeensis</i>	Eun	15.2	12.6	3.17	M	Epi	WP
<i>Euphorbia segetalis</i>	Eus	12.8	17.4	2.40	A	Epi	SL
<i>Festuca occitanica</i>	Feo	5.2	5.4	0.50	M	Epi	HP
<i>Fumana ericoides</i>	Fue	5.0	5.4	2.37	A	B	HP
<i>Galium lucidum</i>	Gal	26.9	11.0	0.84	M	B	HP
<i>Galium mollugo</i> subsp. <i>erectum</i>	Gam	30.0	12.6	0.70	M	B	HP
<i>Genista scorpius</i>	Ges	28.3	16.1	6.96	A	B	WP
<i>Geranium molle</i>	Gem	8.2	24.0	1.87	JM	B	SL
<i>Geranium robertianum</i> subsp. <i>purpureum</i>	Ger	5.6	23.9	1.87	JM	B	SL
<i>Globularia vulgaris</i>	Glv	4.1	8.6	0.55	A	Epi	HP
<i>Helichrysum stoechas</i>	Hes	16.3	12.8	0.06	A	B	WP
<i>Hieracium bifidum</i>	Hib	8.6	23.3	0.50	M	A	HP
<i>Hippocrepis emerus</i>	Hie	14.0	24.0	6.20	A	Epi	WP
<i>Hormathophylla spinosa</i>	Hos	16.1	9.1	1.23	A	A	WP
<i>Jasminum fruticans</i>	Jaf	50.0	10.3	116.50	M	End	WP
<i>Lactuca perennis</i>	Lap	15.8	23.9	1.36	A	A	HP
<i>Lactuca viminea</i>	Lav	15.1	18.1	1.16	JA	A	SL
<i>Lavandula latifolia</i>	Lal	13.8	10.0	0.90	JA	B	WP

<i>Linum narbonense</i>	Lin	15.0	12.5	0.59	A	Epi	HP
<i>Linum strictum</i>	Lis	19.3	15.8	2.00	M	B	SL
<i>Lonicera implexa</i>	Loi	45.1	12.3	8.04	M	End	WP
<i>Medicago sativa</i>	Mes	20.2	19.1	2.00	JA	B	HP
<i>Melica amethystine</i>	Mea	16.0	20.0	1.30	A	A	HP
<i>Melica ciliata</i>	Mec	13.2	16.1	0.54	M	A	HP
<i>Ononis minutissima</i>	Onm	10.0	11.9	2.71	A	Epi	WP
<i>Parietaria judaica</i>	Paj	8.7	30.0	0.24	JM	Epi	HP
<i>Phagnalon sordidum</i>	Phs	14.9	7.3	0.05	M	A	WP
<i>Phillyrea media</i>	Phm	121.8	9.4	12.40	JM	End	WP
<i>Piptatherum paradoxum</i>	Pip	29.6	21.2	3.40	M	A	HP
<i>Pistacia lentiscus</i>	Pil	174.8	11.4	38.00	JM	End	WP
<i>Plantago lanceolata</i>	PlL	14.1	14.5	1.30	A	B	HP
<i>Prunus mahaleb</i>	Prm	122.0	11.7	85.00	JM	End	WP
<i>Quercus ilex</i>	Qui	141.6	6.6	2311	A	Epi	WP
<i>Reichardia picroides</i>	Rep	6.1	29.3	0.68	JM	B	SL
<i>Rhamnus alaternus</i>	Rha	64.9	7.2	90.29	JM	End	WP
<i>Rosmarinus officinalis</i>	Roo	36.4	4.6	0.80	JM	B	WP
<i>Rubia peregrina</i>	Rup	9.0	13.1	14.12	M	End	WP
<i>Rubus ulmifolius</i>	Ruu	53.3	9.8	2.58	JA	End	WP
<i>Ruta angustifolia</i>	Rua	26.5	9.5	1.90	A	B	WP
<i>Sanguisorba minor</i>	Sam	15.1	13.1	7.30	A	B	HP
<i>Satureja montana</i>	Sam2	18.6	17.1	0.50	JA	B	WP
<i>Scabiosa triandra</i>	Sct	7.8	14.6	0.60	JA	A	HP
<i>Sedum album</i>	Sea	4.2	7.8	0.03	JA	A	WP
<i>Sedum dasyphyllum</i>	Sed	1.0	9.3	0.03	M	A	WP
<i>Sedum sediforme</i>	Ses	4.3	7.3	0.08	JA	A	WP
<i>Seseli montanum</i>	Sem	8.5	8.5	1.66	JA	B	HP
<i>Silene italica</i>	Sii	7.1	15.6	0.71	M	A	HP
<i>Sixalix atropurpurea</i> subsp. <i>maritima</i>	Sia	2.9	11.0	2.90	M	A	SL
<i>Smilax aspera</i>	Sma	42.0	11.3	43.72	JA	End	WP
<i>Sonchus oleraceus</i>	Soo	7.0	30.0	0.30	JM	B	SL
<i>Stachys recta</i>	Str	15.0	14.5	1.40	M	Epi	WP
<i>Staehelina dubia</i>	Std	15.0	9.1	3.22	M	A	WP
<i>Stipa bromoides</i>	Stb	21.0	20.9	3.27	JA	A	HP
<i>Stipa offneri</i>	Sto	27.1	4.8	4.00	A	A	HP
<i>Teucrium chamaedrys</i>	Tec	9.8	20.3	1.30	M	Epi	WP
<i>Teucrium flavum</i>	Tef	22.5	8.0	1.60	M	Epi	WP
<i>Thymus vulgaris</i>	Thv	15.0	12.4	1.30	A	Epi	WP
<i>Umbilicus rupestris</i>	Umr	3.2	10.7	0.01	A	A	HP
<i>Urospermum picroides</i>	Urp	8.1	38.6	1.70	A	A	SL

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