

Table S1. Characteristics of found species in the studied understory of plant communities threatened by *Acacia dealbata* invasion

Found species ^{a,b,c}	Species code	Family	Plant type	Origin
<u>Exclusive of these patches</u>				
Non-invaded patch				
<i>Agrostis</i> sp. 1	asp1	Poaceae	Herb	Native
<i>Arbutus unedo</i> L.	au	Ericaceae	Shrub	Native
<i>Daboecia cantabrica</i> (Huds.) K. Koch	dc	Ericaceae	Shrub	Endemic-native of NW Spain, W Ireland and W France
<i>Erica arborea</i> L.	ea	Ericaceae	Shrub	Native
<i>Galium</i> sp	gsp	Rubiaceae	Herb	Native
<i>Leontodon</i> sp	lsp	Compositae	Herb	Native
<i>Sedum arenarium</i> Brot.	sa	Crassulaceae	Herb	Native
<i>Sedum hirsutum</i> All.	shi	Crassulaceae	Herb	Native
Invaded patch				
<i>Castanea sativa</i> Mill.	csa	Fagaceae	Tree	Native
<i>Crataegus monogyna</i> Jacq.	cm	Rosaceae	Shrub	Native
<i>Crocus</i> sp.	crsp	Iridaceae	Herb	Native
Species 2	sp2	-	-	Native
Transition patch				
<i>Digitalis purpurea</i> L.	dp	Scrophulariaceae	Herb	Native
<i>Laurus nobilis</i> L.	ln	Lauraceae	Tree	Native
<i>Pinus pinaster</i> Aiton	pp	Pinaceae	Tree	Native
<i>Polypodium</i> sp.	psp	Polypodiaceae	Fern	Native
<i>Teucrium scrodonia</i>	ts	Labiatae	Herb	Native
<u>Common to these patches</u>				
Invaded, Transition and Non-invaded patches				
<i>Acacia dealbata</i> Link	ad	Leguminosae	Tree	Introduced from Australia
<i>Agrostis curtisii</i> Kerguelen	acu	Poaceae	Herb	Native
<i>Agrostis</i> sp. 2	asp2	Poaceae	Herb	Native
<i>Ceratocarpus claviculata</i> (L.) Lidén	cc	Papaveraceae	Herb	Native
<i>Cytisus</i> sp.	cysp	Leguminosae	Shrub	Native
<i>Erica cinerea</i> L.	ec	Ericaceae	Shrub	Native
<i>Frangula alnus</i> Miller	fa	Rhamnaceae	Shrub	Native
<i>Geranium lucidum</i> L.	gl	Geraniaceae	Herb	Native
<i>Halimium lasianthum</i> (Lam.) Spach	hl	Cistaceae	Shrub	Native
<i>Hedera hibernica</i> (G. Kirchn.) Bean	hh	Araliaceae	Shrub	Native
<i>Holcus</i> sp.	hosp	Poaceae	Herb	Native
<i>Hypericum</i> sp.	hysp	Guttiferae	Herb	Native
<i>Jasione montana</i> L.	jm	Campanulaceae	Herb	Native
<i>Pseudarrhenatherum</i> <i>longifolium</i> (Thore) Rouy	plo	Poaceae	Herb	Native
<i>Pteridium aquilinum</i> (L.) Kuhn	paq	Hypolepidaceae	Fern	Native
<i>Pterospartum tridentatum</i> (L.) Willk.	pt	Leguminosae	Shrub	Native
<i>Quercus pyrenaica</i> Willd.	qp	Fagaceae	Tree	Native
<i>Quercus robur</i> L.	qr	Fagaceae	Tree	Native

Found species ^{a,b,c}	Species code	Family	Plant type	Origin
<i>Rumex acetosella</i> L.	ra	Polygonaceae	Herb	Native
<i>Simethis planifolia</i> (L.) Gren.	sp	Liliaceae	Herb	Native
<i>Silene latifolia</i> Poir.	sl	Caryophyllaceae	Herb	Native
<i>Stellaria media</i> (L.) Vill.	sm	Caryophyllaceae	Herb	Native
<i>Ulex gallii</i> subsp. <i>breoganii</i> (Castrov. & Valdés Berm.) Rivas Mart. & al.	ug	Leguminosae	Shrub	Endemic-native of NW Spain
<i>Umbilicus rupestris</i> (Salisb.) Dandy in Ridd.	ur	Crassulaceae	Herb	Native
<i>Dicranum</i> sp.	dsp	Dicranaceae	moss	Native
<i>Scleropodium</i> sp.	ssp	Brachytheciaceae	moss	Native
Species 4	sp4	-	moss	Native
Invaded and Transition patches				
<i>Ornithopus</i> sp.	osp	Leguminosae	Herb	Native
<i>Senecio vulgaris</i> L.	sv	Compositae	Herb	Native
Transition and Non-invaded patches				
<i>Arenaria montana</i> L.	am	Caryophyllaceae	Herb	Native
<i>Cardamine hirsuta</i> L.	ch	Cruciferae	Herb	Native
<i>Dactylis glomerata</i> L.	dg	Poaceae	Herb	Native
<i>Halimium lasianthum</i> (Lam.) Spach subsp. <i>alyssoides</i> (Lam.) Greuter	al	Cistaceae	Shrub	Native
Species 1	sp1	Leguminosae	Herb	Native
<i>Lonicera periclymenum</i> L.	lpe	Caprifoliaceae	Shrub	Native
<i>Pyrus cordata</i> Desv.	pc	Rosaceae	Shrub	Native
<i>Stellaria holostea</i> L.	sho	Caryophyllaceae	Herb	Native

^aCastroviejo S, Paiva J, Sales F, Hedge IC, Aedo C, Aldasoro JJ, Herrero A, Velayos M (2001) 'Flora Iberica. Plantas vasculares de la Península Ibérica e Islas Baleares.' (Real Jardín Botánico: Madrid)

^bTutin TG, Burges NA, Chater AO, Edmondson JR, Heywood VH, Moore DM, Valentine DH, Walters SM, Webb DA (1996) 'Flora Europaea.' 2nd edn. (Cambridge University Press: Cambridge, UK)

^cAugier J (1966) 'Flore des bryophytes.' (Éditions Lechevalier: Paris)

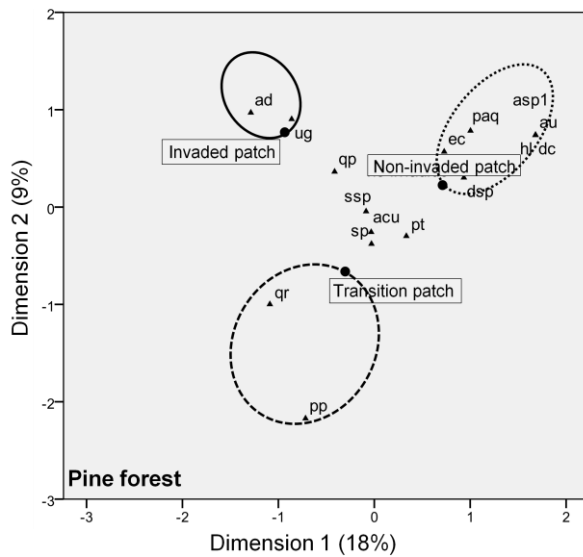
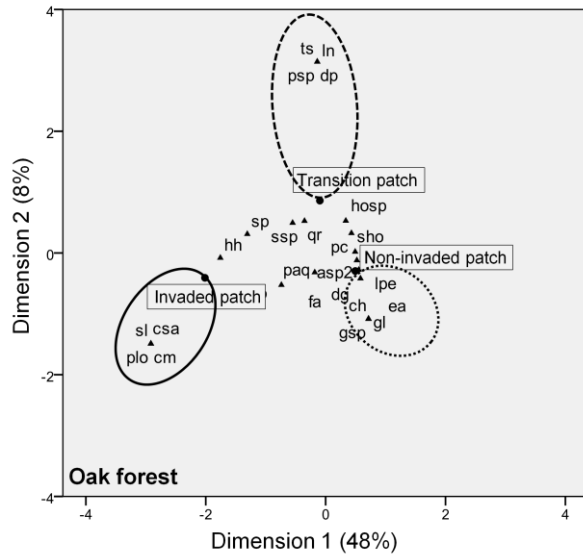
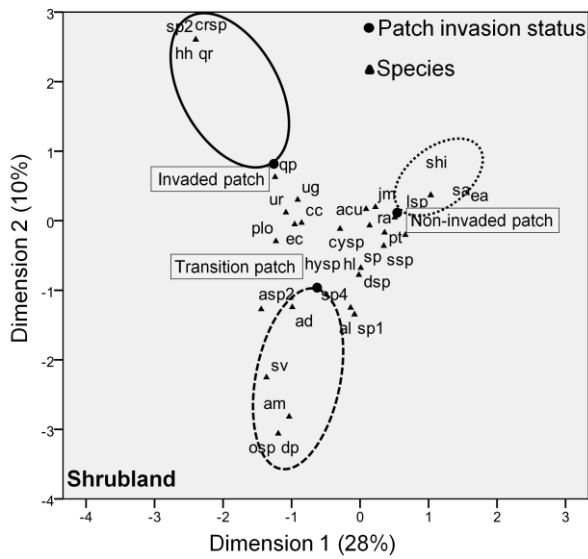


Fig. S1. Correspondence analyses of species distribution separated by shrubland, oak forest and pine forest (Chi-Square, $P = 0.000$). Species within the circles indicate a strong relationship between these species and each sampling patch, while the species outside were weakly related with all studied patches.