

Summary of work carried out in 2002-2005 during the project "Biodiversity: taxonomy, genetics and ecology of sub-arctic willow scrub".

Site name	Grid ref.	<i>S. arbuscula</i>	<i>S. alnita</i>	<i>S. caprea</i>	<i>S. herbacea</i>	<i>S. lanata</i>	<i>S. lapponum</i>	<i>S. myrsinifolia</i>	<i>S. myrsinites</i>	<i>S. phylicifolia</i>	<i>S. repens</i>	<i>S. reticulata</i>	Hybrids
Achillybuie, Aberdeenshire											H1		
Allt a'Chaorainn, Drumochter	NN636757						H2						M2
Allt Coire Follais, Aviemore			H1										
Allt na Creagach, Drumochter	NN635754		H1										
Allt na Criche, Rassal	NG862443		H1										
Allt na Muidhe, Glen Coe	NN110550		H1										
An Teallach, W Ross									H1				
Aultguish			H1										
Beinn Donachain	NN195319	H2											
Beinn Heasgarnich	NN428379	H2, M2			H1, M2, M4		H2, M2		H1			H2	H2
Ben Hope	NC467481						H1				H1		H2
Ben Lawers (Lochain na Lairige)	NN595390	H1, H4, M2, E1, E2, E3, E4, E5, E6										H1, M2	
Ben Lawers (Exclosure 3)	NN658435						G3						
Ben Lawers (Exclosure 4)	NN614393						M3						
Ben Macdui, Cairngorms	NH975022				M4								
Caenlochan	NO178761					H1, G2	G2						
Cairnwell	NO125780				M4								
Cam Chreag, Meall na Tarmachan	NN581381											H1	
Carn Ghluasaid	NH142127					H2	H2						
Carn Gorm	NN643499	H2					H2		H2			H2	
Carrifran	NT156145						M2						
Coire Ardair, Creag Meagaidh	NN434880			H1						H1			
Coire Cheap, Ben Alder	NN471754				G2, M2	H2, G2	G2		H2			H2	
Coire Choille-rais, Creag Megaidh	NN432864				G2, M4		G2, M4						
Coire Chuirn	NN653789						H1						
Coire Garbhlach	NN881940				G2, M4	H2, G2	G2		H2			H2	
Coire Kander	NO186805				H1, G2	H2, G2	G2						H2
Coire Laoigh, Ben Lui	NN273247				M4								
Coire na Reinich	NN 338894				G2, M2		G2						
Coire Odhar, Glen Einich	NN906793						H1		H1				
Corrie Sharroch	NO255744				H1, H2, H4, M4	H1, H2, H4, G1, G2, M2	H2, H4, G1, G2, M2	H1	H2, H4, M2		H1	H1	H2, H4, M2
Creag Roro	NN630450	H1											
Dounalt, Glen Doll	NO242764			H1								H1	
Downe Hill	NS287970								H1				
Edinburgh				H1									
Faeroes										H1			
Fin Glen, Roromore	NN633443											H1	H2
Fireach na Moine, Ben Lui	NN230262	H1, E6											
Glas Tulaichean	NO054766					H1							H2
Gleann na Ciche	NH121149				G2		H1, G2						
Glen Callater	NO204799				G2	H2, G2	H2, G2		H2			H2	H2
Glen Isla										H1			
Glen Lochsie	NO065725		H1										
Glen Shee								H1			H1		
Grey Mare's Tail, Moffat Hills	NT180140		M2		M2		H1						M2
Helvellyn, Cumbria	NY334155						M2						
Iceland										H1			
Inchnadamph	NC269169				H1, M2				H1				
Ingleborough, N Yorks								H1					
Ireland, Co. Antrim								H1					
Loch Lubnaig	NN5515									H1			
Meall an Fhiodhain	NN514244	H1											
Meall Corranaich	NN621422						G2						
Meall Garbh, Meall nan Tarmachan	NN589385				M4	H1							
Meall Ghaordiadh	NN514401	H2, H3, M2, E6	H1		H1, H2, H4, G1, G2, M1, M2, M4		H2, H3		H2			H2, M2	H2
Meall Mor, Glen Coe	NN110562								H1		H1		
Meall na Samhna	NN488336	H2, E6			H1, G2	H2, G2	H2, G2					H2	H2
Meall nan Gabhar, Ben Lui	NN233244	H2, H3			H2, G2		H2, H3, G2		H2			H2	H2
Merrick, Galloway	NX416857						H1						
Monega Hill	NO187758				H1, H2		H2, G2, M2		H2				M2
Orkney										H1			
Sgurr na Conbhairean	NH139138				G2	H1, G2							
St Kilda											H1		
Tigh Mor na Seilge	NH132164					H2, G2	H2						
Upper Teesdale, Durham										H1			

- H1 – Reference material for species specific AFLP markers (4.1.2.1)
- H2 – Molecular assessment of species and hybrids at sites where willows grow in sympatry (4.1.2.2)
- H3 – Study of hybridisation dynamics (4.1.2.4)
- H4 – Comparison of phytochemical and AFLP markers (4.1.2.5)
  
- G1 – Assessment of sexual versus asexual growth (4.1.3.2)
- G2 - Assessment of intra- and inter-population genetic diversity (4.1.3.3)
- G3 – Assessment of gene flow within a population of *Salix lapponum* (4.1.3.4)
  
- M1 – Ectomycorrhizal colonization of *Salix herbacea* (4.1.4.1)
- M2 – *Melampsora* rust diversity (4.1.4.2)
- M3 – Mycorrhizal colonization potential of upland soils (4.1.4.3)
- M4 – Fungal fruiting body collections for DNA reference database
  
- E1 - Browsing and seed production (4.1.5.1)
- E2 – Seed dispersal (4.1.5.2)
- E3 – Seed germination and seedling establishment (4.1.5.3)
- E4 – Seedling survival (4.1.5.4)
- E5 – Browsing and associated insect herbivores (4.1.5.5)
- E6 – Predicting potential distribution of *S. arbuscula* (4.1.5.6)