

Code NG4214 Name Av. Phir - Bhalloch Grid Ref NG 429209  
 Date 7/7/89 Surveyors C.D. Estate .....  
 Area 6 ha Altitude 290 m Catchment 50 ha Geology BA 57  
 Water Colour colourless Clarity clear Boat used --- Secchi disk depth .....  
 Loch type 2 Edge type(s) .....  
 Status ..... Access 4b Road/houses Present (underline) x  
 Land Use % Open Water 12% Semi-natural 88% Forestry x Agriculture x  
Sea Distance: 1-7 km

Substrate types (underline main type tick others present)

Bedrock ✓	Sand (0.1 - 4mm diam.) ✓
Boulders (>30 cm max diam.) ✓	Silt (< 0.1mm diam.)
Stones (5-30cm diam.)	Organic mud
Gravel (4-50mm diam.) ✓	Peat
	Artificial embankment

Uses and Damage

USE	AREA AFFECTED	DAMAGE
Water abstraction	.....	.....
Sewage inflow	.....	.....
Agricultural pollution	.....	.....
Edge trampling	.....	.....
Adjacent forestry	.....	.....
Fishing (Edge/boat)	.....	.....
	.....	.....
	.....	.....

<u>Fauna</u>	<u>Mammals</u>	<u>Reptiles</u>	<u>Dragonflies</u>	<u>Fish</u>
<u>Birds</u>		<u>Amphibians</u>	<u>and other</u>	
		<u>Tadpoles</u>	<u>Invertebrates</u>	
			<u>Pterohosema</u>	
			<u>nymphula.</u>	

Species diversity ..... Detailed water analysis.....  
 Edge: 7 .....  
 Open Water 5 ..... Conductivity 101 .....  
 Total 11 ..... pH 5.30 .....

Rare Species

Site name *Am. Phor-Bhallaish cr No-429209 N44214*

Site name ..... Gr ..... No .....

**EMERGENT AND EDGE SPECIES:**

Map code	DAFOR	Map code	DAFOR
Ag	Agrostis stolonifera	Sl	Scirpus lacustris
Ber	Berula erecta	St*	Scirpus tabernaemontanae
Cap	Caltha palustris	Sper	Sparganium erectum
Cxl	Carex lasiocarpa	Spem	Sparganium emersum
Cxl	Carex limosa	Ta	Typha angustifolia
Cxr*	Carex rostrata	Vb	Veronica beccabunga
Cxv	Carex vesicaria	Vs	Veronica scutellata
Elm	Eleocharis multicaulis	Eqf	Equisetum fluviatile
Elp	Eleocharis palustris	Eqp	Equisetum palustre
Elq	Eleocharis quinqueflora		Species total
Era	Eriophorum angustifolium		Other edge species
Gld	Glyceria declinata	Cxd	Carex demissa
Glf	Glyceria fluitans	Cxe	Carex echinata
Hlp	Hippuris vulgaris	Cxp	Carex panicea
Hyd	Hydrocotyle vulgaris	Czpa	Carex paniculata
Ip	Iris pseudacorus	Gp	Galium palustre
Ja	Juncus articulatus	Gr	Geum rivale
Jb	Juncus bulbosus	Sa	Senecio aquaticus
Jc	Juncus conglomeratus	Tp	Triglochin palustris
Je	Juncus effusus	Vp	Viola palustris
Lit	Littorella uniflora		<i>Carex nigra</i> LF
Lyc	Lycopodiella inundata		<i>Luzula sylvatica</i> LF patch
Ma	Mentha aquatica		
Mt	Menyanthes trifoliata		
Mig	Mimulus guttatus		
Mil	Mimulus luteus		
Mim	Mimulus moschatus		
Myl	Myosotis laxa		
Msc	Myosotis scorpiodes		
Nas	Nasturtium officinale		
Oc	Oenanthe crocata		
Pha	Phalaris arundinaceae		
Phr	Phragmites australis		
Pop	Potentilla palustris		
Rfl	Ranunculus flammula		

**SUBMERGED AND FLOATING SPECIES**

Map code	DAFOR	Map code	DAFOR
All*	Alisma lanceolatum	Plu*	Potamogeton lucens
Api*	Apium inundatum	Pn	Potamogeton natans
Bar*	Baldellia ranunculoidea	Pxn	Potamogeton x nitens
Cah	Callitriche hamulata	Pper	Potamogeton perfoliatus
Cher**	Callitriche hermaphrodita	Ppol	Potamogeton
Cas	Callitriche stagnalis		<u>Polygonifolius</u> LF
Ela**	Elatine hexandra	Ppra**	Potamogeton praelangus
Ese**	Eriocaulon septangulare	Rhe	Ranunculus hederaceus
Fon	Fontinalis antipyretica	Rtr*	Ranunculus trichophyllus
Hip	Hippuris vulgaris	Rma*	Ruppia maritima
Hyd	Hydrocotyle vulgaris	Rsp**	Ruppia spiralis
Isl	Isoetes lacustris	Sf	Scirpus fluitans
Iss**	Isoetes setacea	Spa	Sparganium angustifolium
Ish	Isoetes hybrid?	Spmi	Sparganium minimum
Jb	Juncus bulbosus	Spem	Sparganium emersum
	<u>var fluitans</u> LF	Sub**	Subularia aquatica
Lm*	Lemna minor	Uti	Utricularia intermedia
Lit	Littorella uniflora	Utm	Utricularia minor
Lob	Lobelia dortmanna	Utu	Utricularia vulgaris/australis
Mal	Myriophyllum alterniflorum	Uts	Utricularia spp
Msp	Myriophyllum spicatum	Zpa*	Zannichellia palustris
Na	Nymphaea alba	Cha	Chara sp
Nul*	Nuphar lutea	Nit	Nitella sp
Pil**	Pilularia globulifera		Species total
Pam	Polygonum amphibium		
Ph	Polygonum hydropiper		
Pal	Potamogeton alpinus		
Pbe	Potamogeton bertholdii		
Pcr*	Potamogeton crispus		
Pcol**	Potamogeton coloratus		
Pfil**	Potamogeton filiformis		
Pfr**	Potamogeton friesii		
Pgr	Potamogeton graminus		

Sphagnum LF

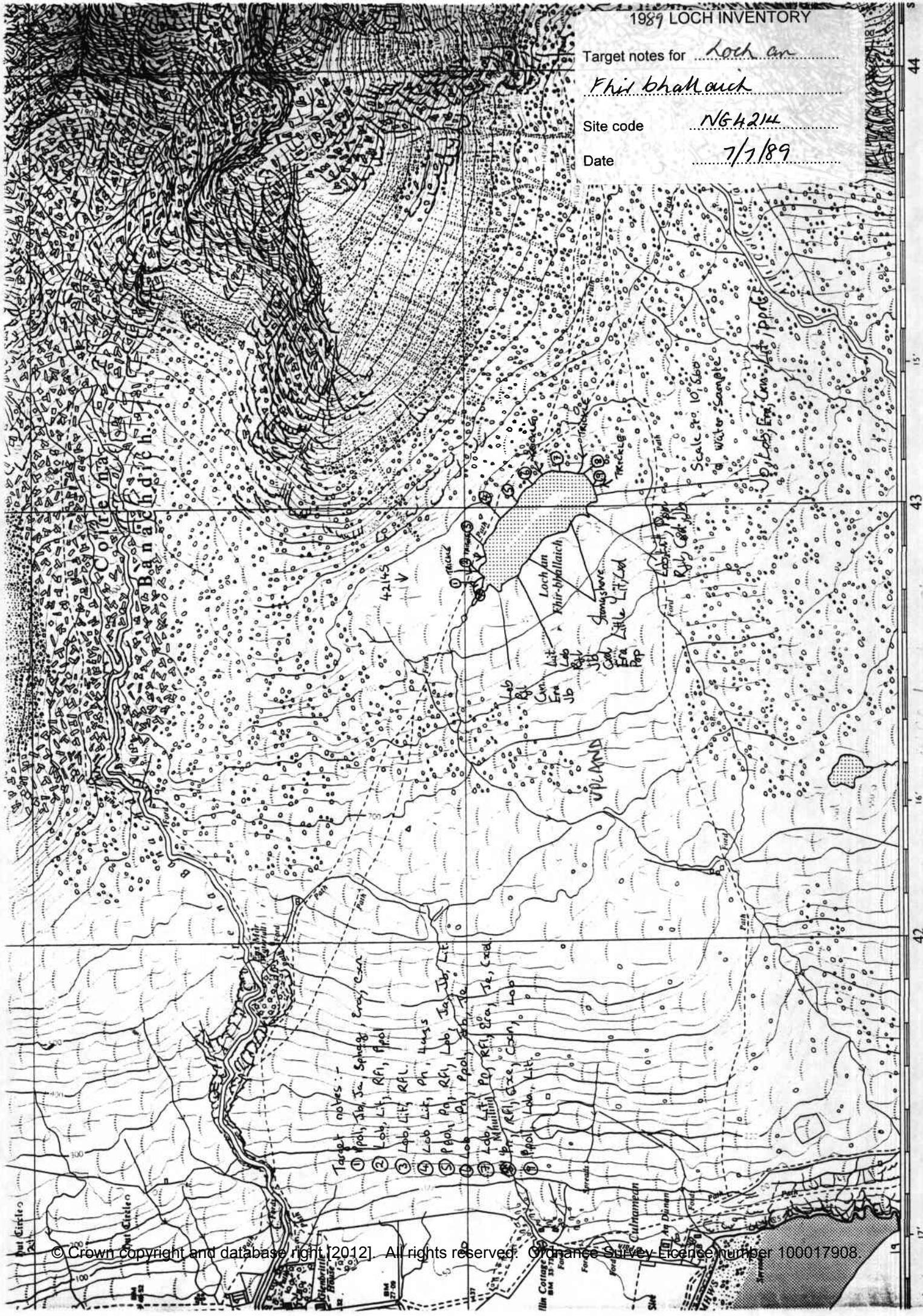
\* species requiring special protection within the HRPB area (Palmer & Newbold 1977)  
 \*\* species occurring in less than 100 10 x 10 km squares in Great Britain

Target notes for Loch an

Fhir-bhallach

Site code NG4214

Date 7/7/89



- Target notes -
- ① Pool, St, Jc, Spaggs, Cray, Can
  - ② Lab, Lit, RFI, Ppl
  - ③ Lab, Lit, RFL
  - ④ Lab, Lit, Ph, 4x4s
  - ⑤ Ppl, Pp, RFI, Lab, Jc, Jc, Lit
  - ⑥ Lab, Ph, Ppl, St, Jc
  - ⑦ Lab, Lit, Pp, RFI, Cray, Jc, Cray
  - ⑧ Pp, RFI, Cray, Can, Lab
  - ⑨ Ppl, Lab, Lit