

1993 LOCH SURVEY LOCHABER

Code NR 3633 Name Loch Finlaggan Grid Ref. NR 385675
 Date 5.10.93 Surveyors TH/JJ Estate I.S.LAY ESTATES
 Area 65 ha Altitude 50 m Catchment ha Geology B 16/20/24/25
 Water colour COLORLESS Clarity CLAR Boat used ✓ Secchi disc depth ✓ m
 Loch type SA Edge type(s) SAS9 S10 S19 S8 S4c
 Status Access A or Road/houses present (underline)
 Land use % Open water Semi-natural Forestry Agriculture

Substrate types (underline main type, tick others present)

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

Use	USES AND DAMAGE	
	Area affected	Damage
Water abstraction
Sewage inflow
Agricultural pollution
Edge trampling	<u>CATTLE GRAZING AND TRAMPLING AT EDGE</u>
Adjacent forestry
Fishing (Edge/boat)
Shooting

Birds Mammals **FAUNA**
 Reptiles Dragonflies Fish
 Amphibians & other inverts

Species diversity Water Chemistry
 Edge 16 Alkalinity 1.28
 Open water 12 Conductivity 395
 Total 27 p.H. 7.71

RARE SPECIES
Rare in RPB area

National

OLL 6/93

ISLAY
1993 LOCHABER LOCH SURVEY: AQUATIC PLANT SPECIES LIST

SUBMERGED & FLOATING SPECIES Site name Loch Finlaggan Grid ref. NR 385 675 Code NR 3633

MC	S	Species	DAFOR	DOMIN	MC	S	Species	DAFOR	DOMIN
All	#	Alisma lanceolatum	.....	.....	Pra	++	Potamogeton praelongus	.....	.....
Apa	#	Alisma plantago-aquatica	.....	.....	Ppu	#	Potamogeton pusillus	.....	.....
Api	#	Apium inundatum	.....	.....	Pr	++	Potamogeton rutilus	.....	.....
Bar	#	Baldellia ranunculoides	.....	.....	Pt	+	Potamogeton trichoides	.....	.....
Cah	#	Callitriche hamulata	.....	.....	Pxz		Potamogeton x zizii	.....	.....
Cher	++	Callitriche hermaphrodita ^{sp.}	.....	.....	Rb	++	Ranunculus baudotii	.....	.....
Cpla		Callitriche platycarpa	.....	.....	Rc	@	Ranunculus circinatus	.....	.....
Cas		Callitriche stagnalis	.....	.....	Rf	#@	Ranunculus fluitans	.....	.....
Cra	*	Crassula aquatica	.....	.....	Rh		Ranunculus hederaceus	.....	.....
Ela	++	Elatine hexandra	.....	.....	Ro	#	Ranunculus omiophyllus	.....	.....
Elh	+	Elatine hydropiper	.....	.....	Rp	#	Ranunculus peltatus	.....	.....
Ec		Elodea canadensis	.....	.....	Rpp	?	R. penicillatus	.....	.....
Ef		Eleogiton fluitans	.....	.....			ssp. penicillatus		
Ese	++	Eriocaulon aquaticum	.....	.....			ssp. pseudofluitans		
Fon		Fontanalis antipyretica	.....	.....	Rtr	#@	Ranunculus trichophyllus	.....	.....
Gd	#@	Groenlandia densa	.....	.....	Rma	#@	Ruppia maritima	.....	.....
Hip		Hippuris vulgaris	.....	.....	Rsp	++	Ruppia cirrhosa	.....	.....
Hp	#	Hottonia palustris	.....	.....	Spa	@	Sparganium angustifolium	.....	.....
Hyd		Hydrocotyle vulgaris	.....	.....	Spem		Sparganium emersum	.....	.....
Isb		Isoetes bronchonii	.....	.....	Spn		Sparganium natans	.....	.....
Isl		Isoetes lacustris	.....	.....	Sp	@	Spirodela polyrhiza	.....	.....
Iss	++	Isoetes setacea (echinospora)	.....	.....	Sub	++	Subularia aquatica	.....	.....
Jb		Juncus bulbosus (var fluitans)	.....	.....	Uti	@	Utricularia intermedia	.....	.....
Lm	#	Lemna minor	.....	.....	Utm		Utricularia minor	.....	.....
Lt	@	Lemna trisulca	.....	.....	Ua		Utricularia australis	.....	.....
Lit		Littorella uniflora	.....	.....	Uo		Utricularia ochroleuca	.....	.....
Lob		Lobelia dortmanna	.....	.....	Us		Utricularia stygia	.....	.....
Mal		Myriophyllum alterniflorum	.....	.....	Uva	@	Utricularia vulgaris/australis	.....	.....
Msp		Myriophyllum spicatum	.....	.....	Uts		Utricularia spp.	.....	.....
Nf	++	Najas flexilis	.....	.....	Zan	#@	Zannichellia palustris	.....	.....
Nul	#	Nuphar lutea	.....	.....	Zoa	++	Zostera angustifolia	.....	.....
Nup	++	Nuphar pumila	.....	.....	Zom	++	Zostera marina	.....	.....
Na		Nymphaea alba	.....	.....	Zon	++	Zostera noltii	.....	.....
		ssp. alba	.....	.....	Cha		Chara sp. virgata	.....	Spec. No. 106
		ssp. occidentalis	.....	.....	Nit		Nitella sp. flexilis	.....	Spec. No. 107
Pil	++	Pilularia globulifera	.....	.....			CFW-species		
Pam		Persicaria amphibia	.....	.....			
Ph		Persicaria hydropiper	.....	.....			
Pal		Potamogeton alpinus	.....	.....			
Pbe		Potamogeton bertholdii	.....	.....			
Pcr	#	Potamogeton crispus	.....	.....			
Pcol	++	Potamogeton coloratus	.....	.....			
Pfil	++	Potamogeton filiformis	.....	.....			
Pfr	++	Potamogeton friesii	.....	.....			
Pgr		Potamogeton gramineus	.....	.....			
Plu	#@	Potamogeton lucens	.....	.....			
Pn		Potamogeton natans	.....	.....			
Pxn		Potamogeton x nitens	.....	.....			
Pib	#	Potamogeton obtusifolius	.....	.....			
Ppec	#	Potamogeton pectinatus					
Pper		Potamogeton perfoliatus					
Ppol		Potamogeton polygonifolius					

Key:
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1993 LOCHABER-LOCH SURVEY: AQUATIC PLANT SPECIES LIST

EMERGENT & EDGE SPECIES Site name Loch Finlaggan Grid ref. NR 38 56 75 Code. NR 36 33

MC	S	Species	DAFOR	DOMIN	MC	S	Species	DAFOR	DOMIN
Ags		<u>Agrostis stolonifera</u>	.F...	.....	Oc		Oenanthe crocata	.....	.....
Apn	#	Apium nodiflorum	.....	.....	Of	@	Oenanthe fistulosa	.....	.....
Ber	#@	Berula erecta	.....	.....	Ol		Oenanthe lachenalii	.....	.....
Bm		Bolboschoenus maritimus	.....	.....	Pan		Persicaria amphibia	.....	.....
Cap		<u>Caltha palustris</u>	.D..	.....	Pha		Phalaris arundinacea	.....	.....
Cxat	#@	Carex acuta	.....	.....	Phr	#@	Phragmites australis	.....	.....
Cxaf	#@	Carex acutiformis	.....	.....	Pop		<u>Potentilla palustris</u>	.....	.....
Cxa	++	Carex aquatilis	.....	.....	Rfl		<u>Ranunculus flammula</u>	.....	.....
Cxl		Carex lasiocarpa	.....	.....			ssp. flammula	.....	.....
Cxli		Carex linosa	.....	.....			ssp. minimus	.....	.....
Cxm		<u>Carex nigra</u>	.LF.	.....			ssp. scoticus	.....	.....
Cxpc	#	Carex pseudocyperus	.....	.....	Rh		Ranunculus hederaceus	.....	.....
Cxri	#@	Carex riparia	.....	.....	Rs	#	Ranunculus sceleratus	.....	.....
Cxro		<u>Carex rostrata</u>	.LA.	.....	Rl	#@	Ranunculus lingua	.....	.....
Cxv		Carex vesicaria	.....	.....	Rna		Rorippa nasturtium-aquaticum	.....	.....
Ca	#	Catabrosa aquatica	.....	.....	Rxaq	#+	Rumex aquaticus	.....	.....
Cd	#@	Ceratophyllum demersum	.....	.....	Rxh	#@	Rumex hydrolapathum	.....	.....
Civ	+	Cicuta virosa	.....	.....	Sv	#	Samolus valerandi	.....	.....
Clm	#@	Cladium mariscus	.....	.....	Sp	++	Scheuchzeria palustris	.....	.....
Des		Deschampsia setacea	.....	.....	Sl		Schoenoplectus lacustris	.....	.....
Ela	++	Eleocharis acicularis	.....	.....	St	#@	Schoenoplectus tabernaemontani	.....	.....
Elm		Eleocharis multicaulis	.....	.....	Sd	@	Solanum dulcamara	.....	.....
Elp		Eleocharis palustris	.F:LA	.....	Sper		<u>Sparganium erectum(4ssp)</u>	.....	.....
Elq		Eleocharis quinqueflora	.....	.....	Spem		Sparganium emersum	.....	.....
Elu		Eleocharis uniglumis	.....	.....	Stp	@	Stellaria palustris	.....	.....
Ef		<u>Equisetum fluviatile</u>	.LF.	.....	Ta	@	Typha angustifolia	.....	.....
Ep		Equisetum palustre	.....	.....	Tl	#	Typha latifolia	.....	.....
Era		Eriophorum angustifolium	.....	.....	Vaa	#	Veronica anagallis-aquatica	.....	.....
Gld		Glyceria declinata	.....	.....	Va		Veronica beccabunga	.....	.....
Glf		Glyceria fluitans	.....	.....	Vc	@	Veronica catenata	.....	.....
Glp	#@	Glyceria notata	.....	.....	Vs		Veronica scutellata	.....	.....
Hlp		Hippuris vulgaris	.....	.....				.....	.....
Hvd		<u>Hydrocotyle vulgaris</u>	.LF.	.....				.....	.....
He	#	Hypericum elodes	.....	.....				.....	.....
Ip		Iris pseudacorus	.....	.....				.....	.....
Jac		Juncus acutiflorus	.....	.....				.....	.....
Jaa	++	Juncus alpinoarticulatus	.....	.....				.....	.....
Ja		<u>Juncus articulatus</u>	.LA.	.....				.....	.....
Jb		Juncus bulbosus	.....	.....				.....	.....
Jc		Juncus conglomeratus	.....	.....				.....	.....
Je		Juncus effusus	.....	.....				.....	.....
Lit		<u>Littorella uniflora</u>	.LA.	.....				.....	.....
Lyc		Lycopodiella inundata	.....	.....				.....	.....
Lyt	+	Lysimachia thyrsoiflora	.....	.....				.....	.....
Lyp	#	Lythrum portula	.....	.....				.....	.....
Lys		Lythrum salicaria	.....	.....				.....	.....
Ma		<u>Mentha aquatica</u>	.LF.	.....				.....	.....
Nt		<u>Nemophila trifoliata</u>	.D.	.....				.....	.....
Nm		Nimulus moschatus	.....	.....				.....	.....
Ng		Nimulus guttatus	.....	.....				.....	.....
Nl		Nimulus luteus	.....	.....				.....	.....
Ni		Nimulus sp.	.....	.....				.....	.....
Mon		Montia fontana (4ssp)	.....	.....				.....	.....
Nyl		Nyosotis laxa	.....	.....				.....	.....
Nsec		Nyosotis secunda	.....	.....				.....	.....
Nsc		Nyosotis scorpioides	.....	.....				.....	.....
Nst		Nyosotis stolonifera	.....	.....				.....	.....

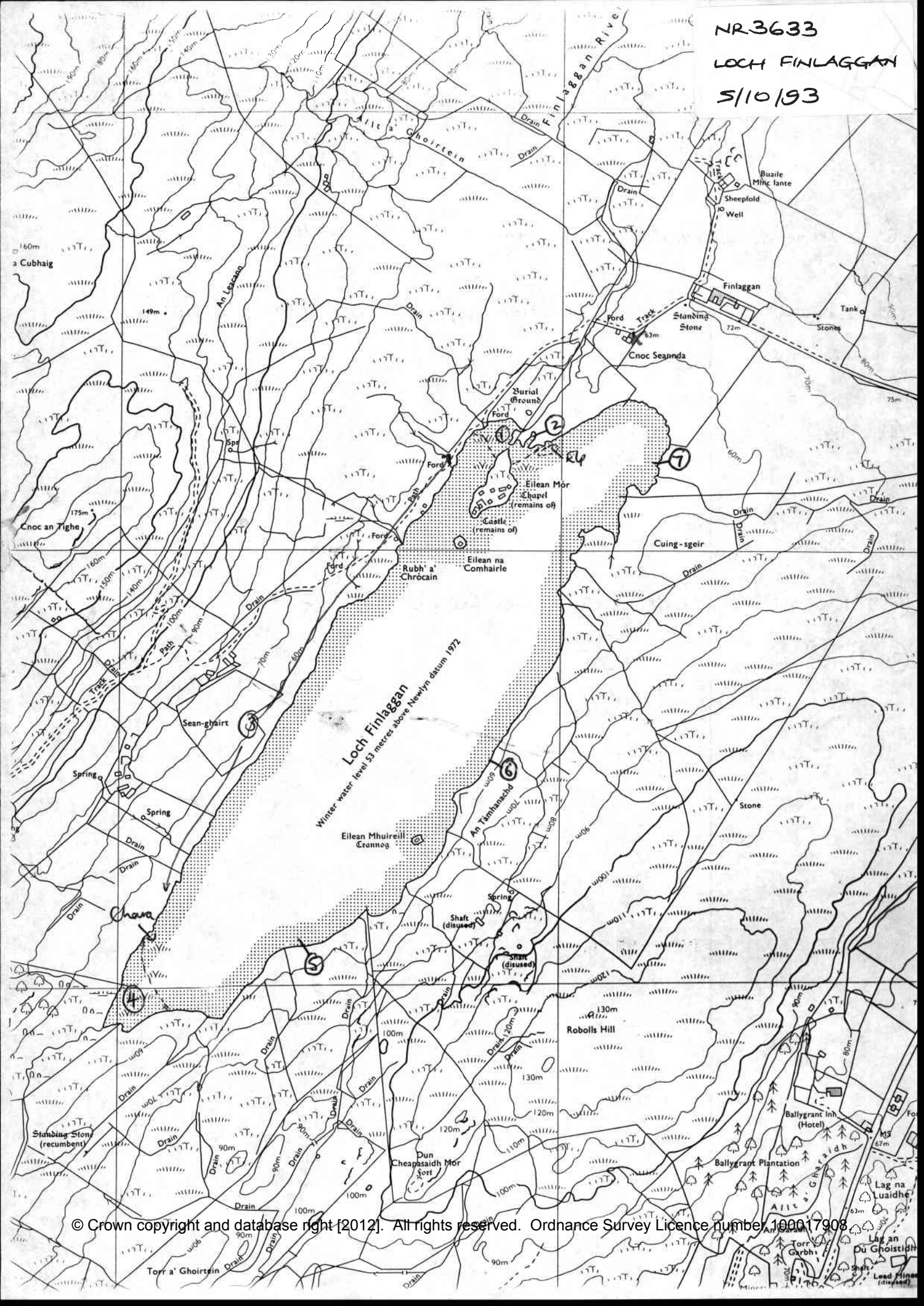
Other edge species

Cxd		<u>Carex viridula ssp oedocarpa (C.demissa)</u>	LF
Cxe		Carex echinata	
Cxp		Carex panicea	
Cspa		Carex paniculata	
Gp		Galium palustre	
Gr		Geum rivale	
Sa		Senecio aquaticus	
Tp		Triglochin palustre (T.palustris)	
Vp		Viola palustris	

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NR 3633
LOCH FINLAGGAN
S/10/93



- ① Stand of Phr on silty substrate. Amongst Phr, stands of Cxo, Eqf. On marshy margins - Pot, Cap, Ja.
- ② Narrow backwater containing Na, Mt, Eqf
- ③ Stony substrate; vegetation sparse - Lit, Lob, Ja, Elp. Washed up material including Pper
- ④ Dense stand of Phr, giving way to Schoenoplectus sp., Cxo in centre
- ⑤ Dense beds of Nivella and Fm in deeper water.
- ⑥ Beaches with extensive areas of Cxn/Cxd, Lit(J), ORf, FAs.
- ⑦ As ③