

1988 NW SUTHERLAND LOCH SURVEY

Loch name ... Loch Culhag Estate ... Assynt No NC 0264
 Grid reference ... NC 098 217 ... Date surveyed ... 8.9.98
 Loch size 12.0 ha. Altitude 25 m Surveyor's name ... CH. I. G.
 Catchment size ... 3400 ha. Boat used ... NO Secchi disk depth
 Water colour ... Dark Brown Water clarity ... Clear
 Loch type ... 3 (2) 2 Edge type(s)
 Catchment Geology ... LC Water level high - 20.5m *
 * Sea 10m

Substrate types (underline main type tick others present)

Bedrock <input checked="" type="checkbox"/>	Sand (0.1 - 4mm diam.)
Boulders <input checked="" type="checkbox"/> (>30cm max diam.)	Silt (< 0.1mm diam.)
Stones <input checked="" type="checkbox"/> (5-30cm diam.)	Organic mud
Gravel <input checked="" type="checkbox"/> (4-50mm diam.)	Peat
	Artificial embankment

Uses and Damage

* Incomplete survey

USE	AREA AFFECTED	DAMAGE
Water abstraction
Sewage inflow
Agricultural pollution
Edge trampling
Adjacent forestry
Fishing (Edge/boat) <input checked="" type="checkbox"/>
Shooting (Cartridges)
Others <u>Litter</u>

Fauna
Birds

Mammals

Reptiles
Amphibians

Dragonflies
and other
Invertebrates

Fish

Cormorant
Mallard

Species diversity Conductivity: 59.0 umhos Detailed water analysis No
 Edge: 9 pH : 6.73 (Date if different from above)
 Open Water 10
 Total 19

Site name **LOCH OILAG** Gr **NC098217** No. **0264**

Site name Gr No.

EMERGENT AND EDGE SPECIES:

Map code	DAFOR	Pha	Pam	Pop	Rz1	Ris	S1	Sper	Spem	Vb	Vaa	Vs	Es	Ep	Junc	Junc	Junc	Litt	Lycop	Lyrh	Ment	Men	Mim	Mont	Myos	Myos	Nast	Phal
Ag	.....	Phragmites australis	Polygonum amphibium	Potentilla palustris	Ranunculus flammula	Rorippa islandica	Scirpus lacustris	Sparganium erectum	Sparganium emersum	Veronica beccabunga	Veronica anagallis-aquatica*	Veronica scutellata	Equisetum fluviatile	Equisetum palustre	Juncus bulbosus	Juncus effusus	Littorella uniflora	Lycopodiella inundata**	Lyrhtrum portula	Mentha aquatica	Menyanthes trifoliata	Mimulus guttatus	Montia fontana	Myosotis laxa/caespitosa	Myosotis scorpioides	Nasturtium officinale	Phalaris arundinacea
✓ Ag	LF	.....	.....	LF	R	.....	.....	.....	.....	.....	.....	LF?	LF	.....	.....	.....	.....	.....	.....	.....	R	.....	.....	.....	.....	.....	.....

SUBMERGED AND FLOATING SPECIES

Map code	DAFOR	Api <th>Cah <th>Cher <th>Opia <th>Cas <th>Hip <th>Hyd <th>Isl <th>Iss <th>Jb <th>Lm <th>Lit <th>Mal <th>Msp <th>Na <th>Nup <th>Pil <th>Pam <th>Pal <th>Pbe <th>Pcr <th>Pfil <th>Pfr <th>Pgr <th>Pn <th>Pxn <th>Pob <th>Ppec</th> </th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th>	Cah <th>Cher <th>Opia <th>Cas <th>Hip <th>Hyd <th>Isl <th>Iss <th>Jb <th>Lm <th>Lit <th>Mal <th>Msp <th>Na <th>Nup <th>Pil <th>Pam <th>Pal <th>Pbe <th>Pcr <th>Pfil <th>Pfr <th>Pgr <th>Pn <th>Pxn <th>Pob <th>Ppec</th> </th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th>	Cher <th>Opia <th>Cas <th>Hip <th>Hyd <th>Isl <th>Iss <th>Jb <th>Lm <th>Lit <th>Mal <th>Msp <th>Na <th>Nup <th>Pil <th>Pam <th>Pal <th>Pbe <th>Pcr <th>Pfil <th>Pfr <th>Pgr <th>Pn <th>Pxn <th>Pob <th>Ppec</th> 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Api	Apium inundatum*	Callitriche hamulata	Callitriche hermaphroditica**	Callitriche platycarpa	Callitriche stagnalis	Hippuris vulgaris	Hydrocotyle vulgaris	Isoetes lacustris	Isoetes setacea **	Juncus bulbosus var. fluitans	Lemna minor (* in NW)	Littorella uniflora	Myriophyllum alterniflorum	Mertensia spicata	Nymphaea alba	Nuphar pumila	Pilularia globulifera**	Polygonum amphibium	Potamogeton alpinus	Potamogeton bertholdii	Potamogeton crispus*	Potamogeton filiformis**	Potamogeton friesii**	Potamogeton gramineus	Potamogeton natans	Potamogeton nitens	Potamogeton obtusifolius	Potamogeton pectinatus
.....	Pper	Ppra	✓ Ppol	Ppu	LF?	Rtr	.....	.....	.....	LF?	LF?	LF?	.....	LF	.....	.....	.....	.....	.....	.....	.....	.....	.....	LF	.....	.....	.....	.....

