

1988 NW SUTHERLAND LOCH SURVEY

Loch name Loch na Claise Estate Assynt NC No 0310
 Grid reference NC 039307 Date surveyed 31 August 1988
 Loch size 9.0 ha. Altitude 15 m Surveyor's name CH + LG
 Catchment size 176 ha. Boat used No Secchi disk depth -
 Water colour Pale Brown Water clarity Clear
 Loch type 3 Edge type(s) S4 (M/subcom.y) S8 (F/subd)
 Catchment Geology TS S19 (hit. subcom.y)

Substrate types (underline main type tick others present)

Bedrock		<input checked="" type="checkbox"/> Sand	(0.1 - 4mm diam.)
<u>Boulders</u>	(>30cm max diam.)	<input checked="" type="checkbox"/> Silt	(< 0.1mm diam.)
<u>Stones</u>	(5-30cm diam.)	<input checked="" type="checkbox"/> Organic mud	
<u>Gravel</u>	(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)
Shooting (Cartridges)
Others <u>litter</u>

<u>Fauna</u>	Mammals	Reptiles	Dragonflies	Fish
<u>Birds</u>		Amphibians	and other	
			Invertebrates	

Heron
Snipe
Mallard
Reed bunting
Lapwing

Species diversity Conductivity: 153.5 umhos Detailed water analysis 29.8.88
 Edge: 15 pH : 6.58 (Date if different from above)
 Open Water 15
 Total 29

- (1) Large marshy area to the west of the Extensive Phragmites Bed.

Species include the following:-

Phragmites australis
Menyanthes trifoliata
Potentilla palustris
Potamogeton polygonifolius
Carex rostrata
Caltha palustris
Eriophorum angustifolium
Juncus articulatus
Ranunculus flammula
Juncus effusus
(Salix alba)
Senecio aquaticus
Iris pseudacorus
Equisetum fluvatile

- (2) Marshy area in Phragmites bed to the north of the outflow.

Achillea ptarmica
Angelica sylvestris
Carex rostrata
Equisetum fluviatile
Filipendula ulmaria
Epilobium palustre
Galium palustre
Hydrocotyle vulgaris
Iris pseudacorus
Pedicularis palustris
Menyanthes trifoliata
Montia fontana
Phragmites australis
Potentilla palustris
Eriophorum angustifolium
Juncus articulatus
J. effusus
Ranunculus flammula
Senecio aquaticus
Succisa pratensis
Vicia sepium
Sphagnum sp.