

1989 LOCH SURVEY SOUTH ARGYLL

Code ⁰³ NR 8802B Name DALL LOCH Grid Ref NR 914 899
 Date 27/6/89 Surveyors DHJ Estate FC
 Area 9* ha Altitude 150 m Catchment 328 ha Geology Qt(Ho)A
 Water Colour C. less Clarity Clear Boat used Secchi disk depth
 Loch type 3 Edge type(s) S9/2
 Status Access 2a Road/houses Present (underline) X
 Land Use % Open Water 45.9 Semi-natural --- Forestry 86.2 Agriculture ---

Substrate types (underline main type tick others present)

* See notes attached

- Bedrock
- Boulders (>30 cm max diam.)
- Stones (5-30cm diam.)
- Gravel (4-50mm diam.)
- Sand (0.1 - 4mm diam.)
- Silt (< 0.1mm diam.)
- Organic mud
- Peat
- Artificial embankment (2 dams)

Uses and Damage

USE	AREA AFFECTED	DAMAGE
Water abstraction <input checked="" type="checkbox"/>	<u>esp. NW section</u>	<u>level ca 2-3m down</u>
Sewage inflow <input type="checkbox"/>
Agricultural pollution <input type="checkbox"/>
Edge trampling <input type="checkbox"/>
Adjacent forestry <input checked="" type="checkbox"/>
Fishing (Edge/boat) <input checked="" type="checkbox"/>
.....
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<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>Common Sandpiper</u>	<u>Deer (slightly in mud)</u>		<u>Invertebrates</u>	<u>few juvenile / small spp unidentified - probly includes Coastersteus sp.</u>

Species diversity

Detailed water analysis..... NO

Edge: 4
 Open Water 9
 Total 20

Conductivity E. 104ms (14.8°C) W 72ms (14.9°C)
 pH E. 7.30 (13.5°C) W 7.08 (14.2°C)

Rare Species

spa
lyp

85
JB

Site name DALL LACK... cr NR... No. 814899

EMERGENT AND EDGE SPECIES:

Map code	DAFOR	Map code	DAFOR
Map code <u>8E02B</u>	DAFOR	Map code	DAFOR
Agg	Agrostis stolonifera	Hsec	Hyosotis secunda
Ber*	Berula erecta	Nas	Nasturtium officinale
Bu	Butomus umbellatus	Oc	Oenanthe crocata
Cap	Caltha palustris	Pha	Phalaris arundinacea
Car1	Carex lasiocarpa	Phr*	Phragmites australis
Car2	Carex limosa	Pot	Potentilla palustris
Car3	Carex nigra	Ran	Ranunculus flammula
Car4	Carex rostrata	Sci	Scirpus lacustris
Car5	Carex vesicaria	Sper	Sparganium erectum
Car6	Carex vesicaria	Sper	Sparganium emersum
Car7	Carex vesicaria	Sper	Sparganium angustifolium
Car8	Carex vesicaria	T1	Typha latifolia
Car9	Carex vesicaria	T1	Typha angustifolia
Car10	Carex vesicaria	T1	Typha latifolia
Car11	Carex vesicaria	T1	Typha angustifolia
Car12	Carex vesicaria	T1	Typha latifolia
Car13	Carex vesicaria	T1	Typha angustifolia
Car14	Carex vesicaria	T1	Typha latifolia
Car15	Carex vesicaria	T1	Typha angustifolia
Car16	Carex vesicaria	T1	Typha latifolia
Car17	Carex vesicaria	T1	Typha angustifolia
Car18	Carex vesicaria	T1	Typha latifolia
Car19	Carex vesicaria	T1	Typha angustifolia
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Car99	Carex vesicaria	T1	Typha angustifolia
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Site name Cr No

SUBMERGED AND FLOATING SPECIES

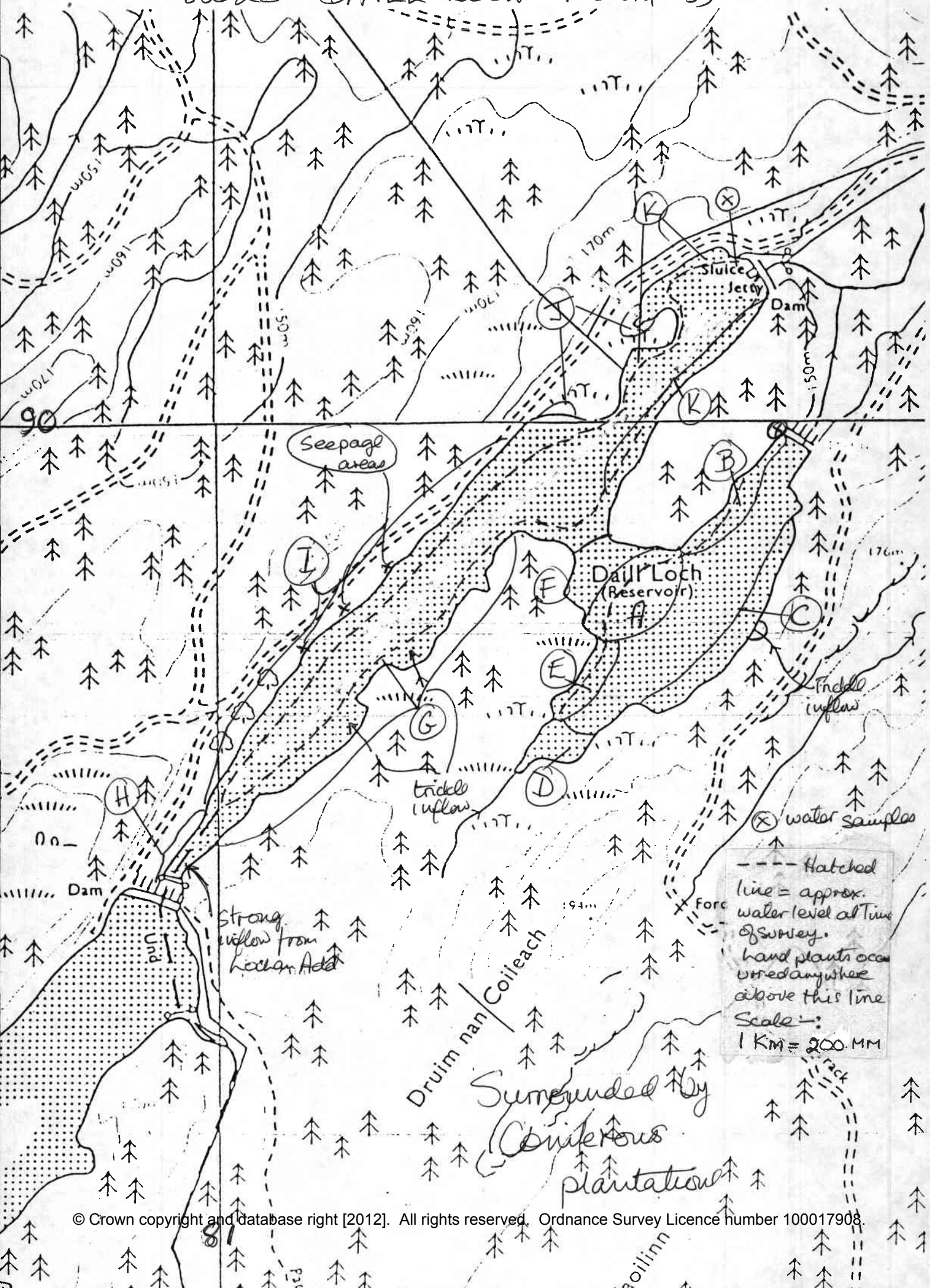
Map code	DAFOR	Map code	DAFOR
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Apa	Allisma plantago-aquatica	Pcr	Potamogeton crispus
Api	Apium inundatum	Pfil**	Potamogeton filiformis
Ba	Baldellia ranunculoides	Pgr	Potamogeton graminus
Call	Callitriche hamulata	Piu*	Potamogeton lucens
Call**	Callitriche hermaphrodita	Pn	Potamogeton natans
Cpla	Callitriche platycarpa	Pob	Potamogeton obtusifolius
Cas	Callitriche stagnalis	Ppec	Potamogeton pectinatus
Ec	Elodea canadensis	Pper	Potamogeton perfoliatus
Fon	Fontinalis antipyretica	Pool	Potamogeton polygonifolius
Hip	Hippuris vulgaris	Ppu	Potamogeton pusillus
Hvd	Hydrocotyle vulgaris	Pxz	Potamogeton x zizzi
Isl	Isoetes lacustris	Ra*	Ranunculus aquatilis
Iss**	Isoetes setacea	Rba**	Ranunculus baudonii
Ish	Isoetes hybrid?	Rhe	Ranunculus hederaceus
Jb	Juncus bulbosus var. fluitans	Rom	Ranunculus omdophilus
Lm	Lemna minor	Rp*	Ranunculus peltatus
Lit	Littorella uniflora	Rsc	Ranunculus sceleratus
Lob	Lobelia dortmanna	Rcr*	Ranunculus trichophyllus
Mal	Myriophyllum alterniflorum	Roa*	Ruppia maritima
Msp	Myriophyllum spicatum	Rsp**	Ruppia spiralis
NF1**	Najas flexilis	Sf	Scirpus fluitans
Na	Najas alba	Spa*	Sparganium angustifolium
Nul	Nuphar lutea	Spml	Sparganium mindum
Nup**	Nuphar pumila	Sub**	Subularia aquatica
Nxs	Nuphar x spenarana	Uc*	Utricularia intermedia
Pam	Polygonum amphibium	Uc	Utricularia minor
Ph	Polygonum hydropiper	Uva*	Utricularia vulgaris/australis
Pai	Potamogeton alpinus	Une	Utricularia neglecta
Pbe	Potamogeton bertholdii	Cha	Chara sp
Peol**	Potamogeton coloratus	Mitop	Mitella sp. opaca ♀

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

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Galium palustre
Najas flex-cuculi
Epilobium palustre

8802B DAILL LOCH NR 814 899



--- Hatched line = approx. water level at time of survey.
 Hand plants covered anywhere above this line
 Scale: 1 Km = 200 MM

98028

DALL LOCK

NR 814899

27/6/89

At the time of the survey the water level was as shown on the map, dividing the lock into 2 halves with different levels and different effects on the flora of the shallows and shore.

In the western half the exposed shore was either bare or covered with seedling plants - a mix of aquatic and land ^{or} plants, the former associated mainly with areas damped by trickle inflows.

- A - Shallows (E.) and above waterline. Cxro Egf ELP Spa Pn Pal
lit
- B. - Stony (with silt) Tb Cah Nit Lit Spa
- C. - As for C+Egf. Mal. ^{and Pal} but with wet flush at trickle inflow. Pop
(Egf) Rfl Cxn Epilobium palustre
- D. - trickle inflow/moderate inflow giving typical end of lock situation with peat.
Egf Cxro Spa ELP. Rfl Hyd Msl. Galium palustre
~~Pop~~ Lyp
- E. - Tb Lit Rfl (short carpet)
- F. - Cxro Lit ELP
- G. - Much bare ground with occasional trickles. Lit Tb Egf sparse
- H. (Strong inflow at time of visit.) Wet flush area to west of inflow. Cxro Cap Rfl Galium palustre. Lychnis flos-crenati
- I. - mainly a bare silt/stone shore with seepage and seedling land plants + Spa Cah Lyp. Upper shore with ELP Rfl Lit + EGF.
- J. - areas of mire/wet flush including Ja/Jag Rfl. Galium palustre + Spa, with ELP lit Tb EGF Lyp on or beside shore.
- K. Bouldery/stony/silty area with no significant vegetation.