

1988 INVERNESS DISTRICT  
LOCH SURVEY

6302

Loch name Loch Dochfour Estate Loch Burton No. NH  
 Site code No: 85  
 Grid reference NM 607 387 Date surveyed 5/9/88  
 Loch size 5.0 ha. Altitude 16 m Surveyor's name J.B. SLB  
 Catchment size 177950 ha. Boat used Yes Secchi disk depth .....  
 Water colour Brown Water clarity Clear  
 Loch type 3' Edge type None  
 Catchment Geology Predominantly Moine

Substrate types (underline main type, tick others present)

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

Uses and Damage

| USE                          | AREA AFFECTED                   | DAMAGE                         |
|------------------------------|---------------------------------|--------------------------------|
| Water abstraction            | .....                           | .....                          |
| Sewage inflow                | .....                           | .....                          |
| Agricultural pollution       | .....                           | .....                          |
| Edge trampling               | .....                           | .....                          |
| Adjacent forestry            | .....                           | .....                          |
| Fishing ( <u>Edge/boat</u> ) | ✓.....                          | .....                          |
| Shooting (Cartridges)        | .....                           | .....                          |
| Others                       | <u>Part of Caledonian canal</u> | <u>Bank fishing from boats</u> |

Fauna

|  |                               |                         |   |                                       |
|--|-------------------------------|-------------------------|---|---------------------------------------|
| Birds  | Mammals                       | Reptiles<br>Amphibians  | Dragonflies<br>and other<br>Invertebrates | Fish<br><u>TROUT</u><br><u>SALMON</u> |
| <u>Cormorant</u><br><u>Heron</u><br><u>Grey Wagtail</u><br><u>Kingfisher</u><br><u>Osprey</u><br><u>Red breasted Merganser</u> |                               |                         |   |                                       |
| Species diversity  | Conductivity: <u>40</u> umhos | Detailed water analysis | <u>No</u>                                 |                                       |
| Edge: <u>1</u>   | pH: <u>6.65</u>               |                         |   |                                       |

Site name *Dodder* Gr *NH67.557* No. *N.H.6.302*

Site name ..... Gr ..... Mo .....

**EMERGENT AND EDGE SPECIES:**

| Map code | DAFOR                    | Map code           | DAFOR                             |
|----------|--------------------------|--------------------|-----------------------------------|
| Ags      | Agrostis stolonifera     | Myl                | Myosotis laxa                     |
| Bu       | Butomus umbellatus       | Mac                | Myosotis scorpiodes               |
| Cap      | Caltha palustris         | Nas                | Nasturtium officinale             |
| Cxa**    | Carex aquatilis          | Oc                 | Oenanthe crocata                  |
| Cxl      | Carex lasiocarpa         | Pa                 | Phalaris arundinaceae <i>L.F.</i> |
| Cxli     | Carex limosa             | Pha*               | Phragmites australis              |
| Cxn      | Carex nigra              | Pop                | Potentilla palustris              |
| Cxro     | Carex rostrata           | Rfl                | Ranunculus flammula               |
| Cxv      | Carex vesicaria          | Sl                 | Scirpus lacustris                 |
| Elm      | Eleocharis multicaulis   | St*                | Scirpus tabernaemontanae          |
| Elp      | Eleocharis palustris     | Sper               | Sparganium erectum                |
| Era      | Eriophorum angustifolium | Spem               | Sparganium emersum                |
| Glf      | Glyceria fluitans        | Tl*                | Typha latifolia                   |
| Hlp      | Hippuris vulgaris        | Vb                 | Veronica beccabunga               |
| Hyd      | Hydrocotyle vulgaris     | Vaa*               | Veronica anagallis-aquatica       |
| Ip       | Iris pseudacorus         | Vs                 | Veronica scutellata               |
| Ja       | Juncus articulatus       | Ef                 | Equisetum fluviatile              |
| Jb       | Juncus bulbosus          | Ep                 | Equisetum palustre                |
| Jc       | Juncus conglomeratus     | Species total      |                                   |
| Je       | Juncus effusus           | Other edge species |                                   |
| Lit      | Littorella uniflora      | Cxd                | Carex demissa                     |
| Lyc      | Lycopodiella inundata    | Cxe                | Carex echinata                    |
| Lyp*     | Lythrum portula          | Cxp                | Carex panicea                     |
| Ma       | Mentha aquatica          | Cxpa               | Carex paniculata                  |
| Mt       | Menyanthes trifoliata    | Sa                 | Senecio aquaticus                 |
| Mg       | Mimulus guttatus         | Tp                 | Triglochin palustris              |
| Ml       | Mimulus luteus           | Vp                 | Viola palustris                   |
| Mon      | Montia fontana           |                    |                                   |

**SUBMERGED AND FLOATING SPECIES**

| Map code | DAFOR                        | Map code | DAFOR                          |
|----------|------------------------------|----------|--------------------------------|
| Apl*     | Apium inundatum              | Pgr      | Potamogeton graminus           |
| Ba *     | Baldellia ranunculoides      | Pn       | Potamogeton natans             |
| Cah      | Callitriche hamulata         | Pxn      | Potamogeton x nitens           |
| Cher**   | Callitriche hermaphroditica  | Pob *    | Potamogeton obtusifolius       |
| Cpla     | Callitriche platycarpa       | Ppec*    | Potamogeton pectinatus         |
| Ca5      | Callitriche stagnalis        | Pper     | Potamogeton perfoliatus        |
| Ec       | Elodea canadensis            | Ppra**   | Potamogeton praelangus         |
| Fon      | Fontinalis antipyretica      | Ppol     | Potamogeton polygonifolius     |
| Hip      | Hippuris vulgaris            | Ppu *    | Potamogeton pusillus           |
| Hyd      | Hydrocotyle vulgaris         | Pr **    | Potamogeton rutilus            |
| Isl      | Isoetes lacustris            | Pxz      | Potamogeton x zizii            |
| Iss **   | Isoetes setacea              | Ra *     | Ranunculus aquatilis           |
| Jb       | Juncus bulbosus var fluitans | RP *     | Ranunculus peltatus            |
| Lm *     | Lemna minor                  | Rt *     | Ranunculus trichophyllus       |
| Lit      | Littorella uniflora          | Sf       | Scirpus fluitans               |
| Lob      | Lobelia dortmanna            | Spa      | Sparganium angustifolium       |
| Lur      | Luronium natans              | Spmi     | Sparganium minimum             |
| Mal      | Myriophyllum alterniflorum   | Sub **   | Subularia aquatica             |
| Msp      | Myriophyllum spicatum        | Uti      | Utricularia intermedia         |
| Na       | Nymphaea alba                | Um       | Utricularia minor              |
| Nup **   | Nuphar pumila                | Uva      | Utricularia vulgaris/australis |
| Pil **   | Pilularia globulifera        | Unc      | Utricularia neglecta           |
| Pam      | Polygonum amphibium          | Zan *    | Zannichellia palustris         |
| Ph       | Polygonum hydropiper         | Cha      | Chara sp                       |
| Pal      | Potamogeton alpinus          |          |                                |
| Pbe      | Potamogeton bertholdii       |          |                                |
| Pcr *    | Potamogeton crispus          |          |                                |
| Pfr **   | Potamogeton friesii          |          |                                |
| Pfl **   | Potamogeton filiformis       |          |                                |

*Nitella sp. flexilis var. flexilis*  
*Elodea canadensis*  
*Chara sp.*  
*Nitella sp. flexilis var. flexilis*  
*Elodea canadensis*  
*Chara sp.*  
*Nitella sp. flexilis var. flexilis*  
*Elodea canadensis*  
*Chara sp.*

\* 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.

840000m

INVERNESS AND BONA CP

LAT 57° 25'

39

38

500 Feet

500 Feet

500 Feet

5000

