

1990 LOCH SURVEY N. ARGYLL

Code.. NN0207..... Name CRUACHAN RESR..... Grid Ref NN0828.....
 Date... 16.08.90..... Surveyors... S.L.B...... Estate... CASTLES ESTATE.....
 Area.....ha Altitude 390.....m Catchment.....ha Geology... GRANITE/BASALT LAVA OF LOWER ORS. AGE..
 Water Colour... C'LESS... Clarity... CLEAR... Boat used... X... Secchi disk depth... —..
 Loch type ... —..... Edge types(s)..... —.....
 Status... P.S.S.!..... Access..... 1..... Road/houses Present (underline)
 Land Use % Open Water..... Semi-natural.... Forestry..... Agriculture.....

Substrate types (underline main type
 tick others present)

☒ Bedrock
☒ Boulders (>30 cm max diam.)
☒ Stones (5-30cm diam.)
☒ Gravel (4-50mm diam.)

☒ Sand (0.1 - 4 mm diam.)
☐ Silt (< 0.1mm diam.)
☐ Organic mud
☐ Peat
☒ Artificial embankment

Uses and Damage

USE	AREA AFFECTED	DAMAGE
Water abstraction	☒ PART OF L. AWE HYDRO SCHEME	
Sewage inflow		
Agricultural pollution		
Edge trampling		
Adjacent forestry		
Fishing (Edge/boat)		

Fauna
Birds

Mammals

Reptiles
 Amphibians

Dragonflies
 and other
 Invertebrates

Fish

Species diversity

Edge: 0.....
 Open Water... 0.....
 Total..... 0.....

Rare Species
 National

Alkalinity... Negligible.....

Conductivity... 46 μ S/cm.....

pH... 6.8.....

Rare in River Purification Board

Pool by CLEAVAN, CR NN018.282... NO
 Small patch of open water in old outflow channel

EMERGENT AND FLOATING SPECIES

Map code	DAFOR	Map code	DAFOR
37 Aps	Aposyllis stolonifera	1312 Mun	Montia fontana
Bee	Berula erecta	1319 Myl	Myosotis laxa
137 Apr	Apium nodiflorum	1322 Msc	Myosotis scorpioides
310 Cap	Callitha palustris	1323 Msc	Myosotis secunda
343 Cxa**	Carex aquatilis	1348 Nas	Nasturtium officinale
386 Cxl	Carex lasiocarpa	1363 Oc	Oenanthe crocata
388 Cxli	Carex limosa	1366 Ol	Oenanthe lachenalis
393 Cxn	Carex nigra	1454 Pa	Phalaris arundinacea
414 Cxro	Carex rostrata	1465 Pha	Phragmites australis
424 Cxv	Carex vesicaria		(Large stands)
510 Ctv	Circaea virosa	1521 Pam	Polygonum amphibium
523 Clm*	Cladium mariscus	1592 Pop	Potentilla palustris
629 Des**	Deschampsia setacea	1651 Rfl	Ranunculus flammula
674 Elm	Eleocharis multicaulis	1653 Rh	Ranunculus hederaceus
675 Eip	Eleocharis palustris	1655 Rl*	Ranunculus lingua
677 Elq	Eleocharis quinqueflora	1851 Sl	Scirpus lacustris
678 Elu	Eleocharis uniglumis	1860 Sm	Scirpus maritimus
740 Era	Eriophorum angustifolium	1852 St*	Scirpus tabernaemontani
933 Gif	Glyceria fluitans	1981 Sper	Sperganium erectum
981 Hip	Hippuris vulgaris	1983 Spem	Sperganium emersum
999 Hyd	Hydrocotyle vulgaris	Ta	Typha angustifolia
1038 Ip	Iris pseudacorus	2111 Tl	Typha latifolia
1050 Jac	Juncus acutiflorus	2163 Vaa	Veronica anagallis-aquatica
1054 Ja	Juncus articulatus		
1058 Jb	Juncus bulbosus	2166 Vb	Veronica beccabunga
1063 Jc	Juncus conglomeratus	2179 Vs	Veronica scutellata
1067 Je	Juncus effusus	713 Ef	Equisetum fluviatile
1175 Lit	Littorella uniflora	217 Ep	Equisetum palustre
1216 Lye	Lycopodiella inundata		Species total
1444 Lyp	Lythrum portula		Other edge species
1227 Lys	Lythrum salicaria	361 Cxd	Carex demissa agg.
1272 Ma	Montia aquatica	370 Cxe	Carex echinata
1289 Mt	Menyanthes trifoliata	400 Cx p	Carex panicea
4328 Mg	Mimulus guttatus	401 Cypa	Carex paniculata
1299 Ml	Mimulus luteus	882 Gp	Galium palustre
1300 Mm	Mimulus moschatus	1891 Sa	Senecio aquaticus
1298	Mimulus sp	2102 Tp	Triglochin palustris
		2215 Vp	Viola palustris

SUBMERGED AND FLOATING SPECIES

Map code	DAFOR	Map code	DAFOR
303 Cah	Callitriche hamulata	1376 Ppol	Potamogeton polygonifolius
302 Cher**	Callitriche heterophylla	1577 Ppra**	Potamogeton praelongus
307.13Cpla	Callitriche platycarpa	1578 Ppu	Potamogeton pusillus
307 Cas	Callitriche stagnalis	1579 Ppr**	Potamogeton rutilus
671 Ela	Elatine hexandra	1582 Pxz	Potamogeton x zizzi
681 Ec	Elodea canadensis	1646 Rba**	Ranunculus baudotii
Fon	Fontinalis antipyretica	1653 Rh	Ranunculus hederaceus
981 Hip	Hippuris vulgaris	679 Sf	Scirpus filitans
999 Hyd	Hydrocotyle vulgaris	1980 Spa*	Sperganium angustifolium
Iab	Isoetes bronchii	1983 Spem	Sperganium emersum
1043 Ise**	Isoetes echinospora	1982 Spai	Sperganium minimum
1045 Isl	Isoetes lacustris	2020 Sub**	Subularia aquatica
1058 Jb	Juncus bulbosus var fluitans	2129 Uti*	Utricularia intermedia
1126 Lm	Lemna minor	2130 Um	Utricularia minor
1128 Ltr*	Lemna trisulca	4335 Us	Utricularia stygia
1175 Lit	Littorella uniflora	2131 Une	Utricularia neglecta
1177 Lob	Lobelia dortmanna	4334 Uo	Utricularia ochroleuca
1330 Mal	Myriophyllum alterniflorum	2132 Uva*	Utricularia vulgaris/australis
1331 Msp	Myriophyllum spicatum	2237 Zan*	Zannichellia palustris
1334 Naj**	Najas flexilis	Cha	Chara sp
1356 Nul	Nuphar lutea	Mit	Kitella sp
1357 Nup**	Nuphar pumila		Species total
1355 Nus	Nuphar x spemnerana		
1358 Na	Nymphaea alba		
1474 Pile**	Pilularia globulifera		
1521 Pam	Polygonum amphibium		
Ph	Polygonum hydropiper		
1558 Pal	Potamogeton alpinus		
1559 Pbe	Potamogeton bertholdii		
1961 Pcol**	Potamogeton coloratus		
1368 Pgr	Potamogeton gramineus		
1569 Plu*	Potamogeton lucens		
1570 Pn	Potamogeton natans		
1571 Ppn	Potamogeton x nitens		
1573 Pob	Potamogeton obtusifolius		
1574 Ppec	Potamogeton pectinatus		
1575 Pper	Potamogeton perfoliatus		

* species requiring special protection within the Clyde RDB area (Palme & Newbold 1977)

** species occurring in less than 100 10 x 10 km squares in Great Britain.

not on
 NH021*

