

Freshwater Scottish loch settlements of the
Late Medieval and Early Modern periods;
with particular reference to northern Stirlingshire, central
and northern Perthshire, northern Angus, Loch Awe and
Loch Lomond

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Appendices containing maps, map details,
illustrations and tables to accompany the thesis.

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Declaration

The work contained within this thesis is the candidate's own and has not been submitted for any other degree or professional qualification.

Signed

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Abbreviated

ALCPA: *Acts of the Lords of Council in Public Affairs, 1501-1554*. 2 volumes. (1932).
Edinburgh: H.M. General Register House.

ALCC: *The Acts of the Lords of Council in Civil Causes. A.D. 1478-1495*. 2 volumes.
(1839 & 1918). Edinburgh: HMSO.

AMW: *Accounts of the Masters of Works for Building and Repairing Royal Palaces and
Castles*. 2 volumes. (1957-82). Scottish Records Office. Edinburgh: HMSO.

APS: *The Acts of the Parliaments of Scotland*, 12 vols., eds. T. Thomson & C. Innes
(Edinburgh, 1814-75).

ALHT: *Accounts of the Lord High Treasurer of Scotland*. 13 volumes. (1877-1978)
HMRO. Edinburgh.

BBT: *The Black Book of Taymouth, with Other Papers from the Breadalbane Charter
Room*, ed. C. Innes (Edinburgh, 1855).

Bann. Misc: *The Bannatyne Miscellany*, 3 vols. (Bannatyne Club, 1827-55).

Religious Houses: I.B. Cowan & D.E. Easson (eds.), *Medieval Religious Houses: Scotland*
(2nd edn., 1976).

CAI: *Charters of the Abbey of Inchaffray*. Lindsay, W. A., Dowden, J. & Maitland
Thomson, J. (eds) (1908). *Charters, Bulls and Other Documents Relating to the Abbey
of Inchaffray. Chiefly from the Originals in the Charter Chest of the Earl of Kinnoull*.
SHS, Vol. 56. Edinburgh.

CCR: *Calendar of the Close Rolls: Edward I, 1302-07*. Volume 5. (1908). HMSO:
London.

CDRS: *Calendar of Documents Relating to Scotland Preserved in Her Majesty's Public
Record Office*. (1881-1888). 4 volumes. Edinburgh: HM General Register House.

CELT: History department, University College Cork (1997-2007) *CELT Corpus of Electronic Texts*. [Online]. Available at <http://www.ucc.ie/celt/index.html>. [Last accessed 01/08/2007].

DES: *Discovery and Excavation in Scotland*.

DNB: *Dictionary of National Biography* (1885-).

ODNB: Goldman, L. (ed) (2004-07) *Oxford Dictionary of the National Biography. May 2007 Version*. [Online]. Oxford University Press. Available at <http://www.oxforddnb.com/> [Last accessed 01/08/2007].

Dumfriesshire Trans.: *Transactions of the Dumfriesshire and Galloway Natural History and Antiquarian Society*.

ER: *The Exchequer Rolls of Scotland*, 23 vols., eds. J. Stuart *et al.* (Edinburgh, 1878-).

EUAD: Edinburgh University Archaeology Department. Annual Report. 1991. Online at <http://www.shc.ed.ac.uk/archaeology/about/> (Last accessed January 2009).

FM: *Forfar Muniments*. University of Dundee.

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Fraser, *Menteith*: W. Fraser, *The Red Book of Menteith* (Edinburgh, 1880).

Highland Papers: *Highland Papers*, 4 vols., ed. J.R.N. Macphail (SHS, 1914-34).

IR: *Innes Review*.

Maitland Misc.: *Miscellany of the Maitland Club*, 4 vols. (Maitland Club, 1833-47).

MP: Murray and Pullar. Bathymetric surveys of Scotland. NLS, Edinburgh.

MWA: *Accounts of the Masters of Works*, 2 vols., eds. H.M. Paton *et al.* (Edinburgh, 1957-).

NAS: National Archives of Scotland. (Accessed 2004-07) *Online catalogue*. [Online]. Available at <http://www.dswebhosting.info/NAS/dserve.exe?dsqApp=Site20&dsqCmd=Index.tcl> [Last accessed 01/08/2007].

NLS: National Library of Scotland, Edinburgh.

NLS Blaeu: National Library of Scotland. (Accessed 2004-07). *Blaeu Atlas of Scotland, 1654*. [Online]. Available at <http://www.nls.uk/maps/early/blaeu/> [Last accessed 01/08/2007].

NLS Maps: National Library of Scotland. (Accessed 2004-07). *Maps of Scotland 1560-1928*. [Online]. Available at <http://www.nls.uk/maps/early/index.html> [Last accessed on 01/08/2007].

NLS Pont: National Library of Scotland. (Accessed 2004-07). *Welcome to the Pont Maps Web Site*. [Online]. Available at <http://www.nls.uk/pont/index.html> [Last accessed on 01/08/2007].

NMRS: Royal Commission on the Ancient and Historical Monuments of Scotland (RCAHMS). (Accessed 2003-07). *Canmore*. National Monument Records of Scotland. [Online]. Available at <http://www.rcahms.gov.uk/> [Last accessed 01/08/2007].

NSA: EDINA. (Accessed 2005-07). *The New Statistical Account*. (1834-45). [Online]. Available at http://stat-acc-scot.edina.ac.uk/sas/sas.asp?action=start&&ath_user=edu.6e7cc3008c4f0100&ath_ttok=%3CRpnZ%2FaNzaPxwfF0B2Q%3E [Last accessed 01/08/2007].

NRA(S): National Register of Archives (Scotland), Edinburgh.

OPS: *Origines Parochiales Scotiae: The Antiquities Ecclesiastical and Territorial of the Parishes of Scotland*. Bannatyne Club. Vol. 1, 2i & 2ii. (1851-55). Edinburgh: Lizars, W. H.

OSA: [Old Statistical Account]. Sinclair, J. (ed). *The Statistical Account of Scotland*. (1791-99). [Online]. Available at http://stat-acc-scot.edina.ac.uk/sas/sas.asp?action=start&&ath_user=edu.6e7cc3008c4f0100&ath_ttok=%3CRpnZ%2FaNzaPxwfF0B2Q%3E [Last accessed on 01/08/2007].

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PSAS: The Society of Antiquaries of Scotland. (1851-). *Proceedings of the Society of Antiquaries for Scotland*. [Online]. Available to 1999 at <http://ads.ahds.ac.uk/catalogue/ARCHway/volumeSelector.cfm?rcn=1340> [Last accessed 01/08/2007].

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RMS: *Registrum Magni Sigilli Regum Scotorum (Register of the Great Seal of Scotland)*, 11 vols., eds. J.M. Thomson *et al.* (Edinburgh, 1882-).

RPC: *Register of the Privy Council of Scotland*, 38 vols., eds. J.H. Burton *et al.* (Edinburgh, 1877-).

RPS: *Register of the Privy Seal of Scotland*. 8 volumes. (1908-1982) HMRO: Edinburgh.

RSS: *Registrum Secreti Sigilli Regum Scotorum (Register of the Privy Seal of Scotland)*, 8 vols., eds. M. Livingstone *et al.* (Edinburgh, 1908-).

SHR: *Scottish Historical Review*.

SHS: Scottish History Society.

Spalding Misc.: *Miscellany of the Spalding Club*, 5 vols. (Spalding Club, 1844-52).

SRO: Scottish Record Office, Edinburgh.

SRS: Scottish Record Society.

STS: Scottish Text Society.

TA: *Accounts of the (Lord High) Treasurer of Scotland*, 13 vols., eds. T. Dickson *et al.* (Edinburgh, 1877-).

Thirds: *Accounts of the Collectors of Thirds of Benefices, 1561-1572*, ed. G. Donaldson (SHS, 1949).

TNS/Pont: Pont, T. [& Sibbald, R. (ed)] (late 16th to early 17th centuries?).

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Appendix 1: Loch settlement structures

This appendix contains data on the length and width of islands, their relationship to shore, their height above sea level, position in relation to the lochscape and size of the lochs in which they are located.

Chart A: Island sizes and situations

Columns one and two give the names of the lochs and islands. Column three shows the size of the loch in hectares. The fourth column shows the loch's height above sea level. Columns five and six give the length and width of the islands at current water levels (rounded up in five metre bands to take account of seasonal variations). The final column shows distance from shore (where known or applicable – again rounded up to take account of seasonal variations).

AI/MI	Name	HA	Asl	Width	Length	Shore
Dowalton Loch	Long Castle	0	45			0
Loch Arkaig	Iland Columbkil	1597.2	43	40	55	320
Loch Arthur		28.7	78	25	25	15
Loch Baile Mhic Chalein	Fasnacloich	16.6	6	15	20	20
Loch of Banchory	Isle of Loch Banchory	0	75	40	50	0
Loch Beanie	Ylen Loch Sesaturr	16.9	406	15	20	100
Loch Brora	Eilean nam Faoileag	223.8	25	35	50	130
Loch Bruiach		94.2	288	25	50	65
Loch Clunie	Peil of Loch Clunie	50.6	47	50	60	145
Loch an Daimh		8.9	257	20	25	50
Loch Doon	Loch Doon Castle	818.9	215	40	50	380
Loch Doon	Donald's Isle	818.9	215			10
Loch Dornal	Castle Dornal	43.8	118	25	25	15
Loch nan Ealachan	Eilean nan Ealachan	14.2	167	25	30	120
Loch Earn	Neish' Isle	946.7	97	40	40	115
Loch Earn	Eilean Craggan	946.7	97	30	40	65
Loch an Eilean	Loch an Eilean Castle	56.1	256	20	45	80
Loch of Forfar	St Margaret's	37.7	57			0
Loch Gartur/Black Loch		0	25	15	15	0
Loch Glass	Eilean na Faoileag	481.8	215	15	20	85
Loch Katrine	Eilean Dharag	1325.7	113	25	40	105

Loch Ken	Burned Island	698.3	43	25	35	190
Loch Kinellan		7.7	127	40	80	10
Loch Leathan	Yle Loch Lean	19	76	15	15	120
Loch Lomond	Inchgalbraith	7073	4	25	25	890
Loch Lomond	Elan Rosdhu	7073	4	25	25	30
Loch Maberry	Loch Maberry Castle	67.9	117	35	55	150
Loch Migdale		101.1	36	15	20	60
Loch Moulin	Caisteal Dubh	0	135	35	60	0
Loch Moy	Isle of Loch Moy	76.8	268	105	345	190
Loch Ness	Cherry Island	5533.4	17	15	20	80
Loch Oich (A)	Eilean Drynachan	190.3	32	15	20	190
Loch a' Phearsain		25.5	68	35	50	55
Loch Rannoch	Eilean nam Faioileag	1880.7	206	20	25	380
Loch Rusky	Rusky Tower	23.4	138		40	90
Loch Shin	Ylen Mulrui	3293.5	95	10	10	70
Loch Shin	Ylen na Craioibhe	3293.5	95	15	15	50
Loch Tay	Priory Island	2639.7	102	60	95	90
Loch Tay	Eilean Nam Breaban	2639.7	102	45	45	60
Loch Tay	Eilean Puttychan	2639.7	102	5	10	0
Loch Tollaidh	Eilean Loch Tollaidh	64.5	118	25	25	65
Loch Treig	Eilean Ti Na Slige	733.8	251	10	15	40
Loch Tulla	Eilean Stalcair	264.4	162	20	25	400
Loch Tummel	An T-Eilean	579.1	142	15	20	
Loch Urr	Rough Island	47.5	193	25	55	60
Loch Venechar	Eilean Loch Venechar	382.6	81	15	20	70
Loch Winnoch	Peel of Loch Winnoch	79	26	20	30	0
Lochfergus	Palace Island	0	70	23	50	0
Lochfergus	Stable Island	0	70	20	55	0
Lochindorb	Lochindorb Castle	214.7	296	65	100	310
Lochinvar	Lochinvar Castle	39.3	226	15	15	60
Lochrutton		51.4	91	25	25	240
Mochrum Loch	Long Island	91	75	40	145	120
White Loch of Ravenstone		6	56	30	30	0

Possible AI/MI						
Cam Loch	Eilean an Tighe	252.6	124	15	20	110
Loch Achilty	Eilean Mhieldh?	57.1	40	15	20	45
Loch a' Baillidh/Tangy	Ellanlochnacanage	18.8	136	25	25	130
Loch Lundie	Ylen Lundy	44.1	137	25	30	25
Loch Nell	Rubha Na Moine	124.1	15	45	45	126
Loch Ruthven	Tom Bhuide	153.7	215	60	80	0
Natural islands						
Inchaffray	Inchaffray	0	42	200	220	0
Lake of Menteith	Inchmahome	252	18	200	260	160
Lake of Menteith	Inchtulla	252	18	45	110	320
Loch Ard	Duke Murdoch's Isle	213.7	36	15	50	25
Loch Awe	Inischonnel	3804.3	33	50	165	60
Loch Awe	Kilchurn	3804.3	33	45	55	0
Loch Awe	Eilean Fraoch	3804.3	33	80	200	480
Loch Awe	Innis Errich	3804.3	33	140	200	30
Loch Borrallie		36.7	17	120	380	50
Loch Dochart	Loch Dochart Castle	16.4	153	35	85	80
Loch of Drumellie	Unknown	70.4	44	20	50	50
Loch Glashan	Unknown	191	112	20	50	110
Loch of the Inch (B)	Inch Crindil	58.2	18	90	150	40
Loch Katrine	Eilean Molach	1325.7	113	85	235	135
Loch Kennard	Unknown	30.1	407	15	30	120
Loch Kinord	Castle Island	76.9	167	65	70	90
Loch Leven (castle)		1371.3	106	195	400	440
Loch Leven	St Serf's	1371.3	106	580	1050	630
Loch Lomond	Buckinch	7073	4	165	270	1300
Loch Lomond	Clairinsh	7073	4	200	440	740
Loch Lomond	Eilean na Vow	7073	4	80	105	350
Loch Lomond	Eunlich	7073	4			
Loch Lomond	Inveruglass	7073	4	60	65	120
Loch Lomond	Tarbet Castle	7073	4	50	65	120
Loch Lundavra		26	156	15	35	40
Loch Maree	Eilean na Craoibhe	2797.6	6	15	50	300

Loch Maree	Ylen Ruairidh Beag	2797.6	6	70	280	240
Loch Maree	Eilean Gruididh	2797.6	6	60	75	150
Loch Maree	Isle Maree	2797.6	6	170	180	270
Loch Moan	White Island	51.8	205	118	205	85
Loch Ochiltree		72.5	105	55	95	150
Loch Skerrow	Craigherron Island	49	122	35	85	35
Loch Tay	Ylen Ran	2639.7	102			0
Lochan Hakel	Grianan	17.9	65	30	30	25
Islands over 500m						
Loch Awe	Inishail	3804.3	33	360	620	320
Loch Lomond	Inchcailloch	7073	4	650	1300	180
Loch Lomond	Inchconnachan	7073	4	700	1050	1100
Loch Lomond	Inchcruin	7073	4	470	970	1700
Loch Lomond	Inchfad	7073	4	480	1280	590
Loch Lomond	Inchmurrin	7073	4	630	2470	950
Loch Lomond	Inchtavannach	7073	4	600	1500	190
Loch Lomond	Inchlonaig	7073	4	740	1380	640
Loch Lomond	Inchmoan	7073	4	760	1400	1030
Loch Maree	Eilean Subhainn	2797.6	6	1140	1810	590
Structure unknown						
Baikie Loch						
Castle Loch	Castle Island	92.5	85	35	60	80
Loch a Chleibh/Chuibhe						
Loch A'an		55.7	725			
Loch Achall		130.1	84			
Loch Altarwell			35			
Loch Acharydigill						
Loch Ardbhair (A)	Now saltwater		0			
Loch Ardbhair (B)	Now saltwater		0			
Loch Arklet		220.1	146			
Loch Assynt	Ylen Assynt	800.4	65	30	60	230
Loch Assynt	Ylen Skadden	800.4	65	65	85	60
Loch Awe	Inchdarrach	3804.3	33			
Loch Awe		3804.3	33			

Loch Avich	Innis Luana	348.2	93	45	130	40
Loch Balnakill/Lanlish		4	36			
Loch Beinn a' Mheadhoin		394	227			
Loch Bradan		215.5	316			
Loch Calder	Big Island?	381.5	66			
Loch Chon		105.7	92			
Loch Chroisk		257.1	155			
Loch of Cossans		0	60			
Loch Doon	Prisoners Stone	818.9	215			
Loch Dubh			7			
Loch Ederline		25.3	37	10	10	60
Loch Ericht		2238.5	356			
Loch Fithie		7.1	67			
Loch of Forfar (castle)		37.7	57			
Loch of Forfar	Fa/W Inch	37.7	57			
Loch Gaineanhach		38.5	258			
Loch Garry		686	83			
Loch Glen Strathfarrar						
Loch Goosey		13.1	158	20	65	15
Loch of the Inch (castle)		58.2	18			
Loch Kindar		53.1	28	60	80	40
Loch of Kinnordy		17.4	146			
Loch Laggan	Eilean An Righ	760.7	250	25	55	230
Loch Lednock		170.6	355			
Loch Lomond	Kernaig	7073	4			
Loch Loyal (A)		646.2	114			
Loch Lyon		492.3	344			
Loch Martnaham		40.2	85			
Loch Naver		559	73			
Loch Oich		190.3	32			
Loch Oich		190.3	32			
Loch Quoich	Eilean Mhic Phi	1746.2	203			
Loch Quoich		1746.2	203			
Loch Shiel	Eilean Fhianain	1992.9	4	180	200	200
Loch Shin	Ylen Heyraig	3293.5	95			
Loch Shin	Ylen na Vym	3293.5	95			

Loch Spey		6.4	347			
Loch Stack	Ylen Loch Stack	252.1	36			
Loch na Sreinge		21.2	237			
Loch Tarff		53.6	298			
Loch nan Torran	Eilean Tigh?	48.7	226			
Loch Tromlee	Eilean Tighe Bhain	25	115	25	30	140
Loch Turret		172.7	358			
Loch Unapool		7.4	88			
Loch Ussie		82.4	128			
Lochnaw		17.7	78	30	120	85
Lochore	Inchgall	85.1	96	30	35	
K/Reane Castle						
Yetholm Tower		16	101			
Possible						
Loch Ard (B)		213.7	36	12	12	137
Loch Drunkie		57.7	127			
Loch Garry		686	83			
Loch Lochy		1720.1	33			
Loch Loyal (B)		646.2	114			
Loch Meadie		53.1	125			
Loch Rannoch (B)		1880.7	206			
Loch Sloy		126.4	287			

Chart B: Locations within lochs

Columns one and two give the names of the loch and island. Column three shows whether the island is at the maximum extent of the immediate shallows round the shore of the loch before a drop off into deeper water. The fourth column shows whether the island is in the furthest available shallows from shore – in large lochs this is judged by whether alternative shallows were available within c.1km. The final column shows whether other islands are present in the loch. The results indicate a strong tendency for occupied sites to be at the maximum extent of the shoreside shallows and/or as far as possible from land.

Settled AI/MI	Island name	Fringe max	Far shallows	Other islands
Dowalton Loch	Long Castle	-	-	-
Loch Arkaig	Iland Columbkil	Yes	Yes	Yes
Loch Arthur		Yes	Yes	Yes
Loch Baile Mhic Chalein	Fasnacloch	-	-	No
Loch of Banchory	Isle of Loch Banchory	-	-	-
Loch Beanie	Ylen Loch Sesaturr	-	Yes	No
Loch Brora	Eilean nam Faoileag	-	Yes	Yes
Loch Bruiach		-	-	No
Loch Clunie		Yes	Yes	Yes
Loch an Daimh		-	-	Yes
Loch Doon		Yes	Yes	Yes
Loch Doon	Donald's Isle	Yes	Yes	Yes
Loch Dornal	Castle Dornal Island	No	No	Yes
Loch nan Ealachan	Eilean nan Ealachan	-	-	No
Loch Earn	Neish's Isle	-	-	Yes
Loch Earn	Eilean Craggan	Yes	Yes	Yes
Loch an Eilean	Loch an Eilean Castle	Yes	Yes	No

Loch of Forfar	St Margaret's Inch	Yes	No	Yes
Loch Gartur/Black Loch		-	-	-
Loch Glass	Eilean na Faioleag	Yes	Yes	No
Loch Katrine	Eilean Dharag	Yes	Yes	Yes
Lock Ken	Burned Island	No	Yes	Yes
Loch Kinellan		Yes	Yes	No
Loch Leathan	Yle Loch Lean	-	-	No
Loch Lomond	Inchgalbraith	No	Yes	Yes
Loch Lomond	Elan Rossdhu	Yes	No	Yes
Loch Maberry		Yes	Yes	Yes
Loch Migdale		Yes	Yes	Yes
Loch Moulin	Caisteal Dubh	-	-	-
Loch Moy	Isle of Loch Moy	Yes	Yes	Yes
Loch Ness	Cherry Island	Yes	Yes	Yes
Loch Oich (A)	Eilean Drynachan	Yes	Yes	Yes
Loch a' Phearsain		Yes	No	No
Loch Rannoch	Eilean nam Faioleag	No	Yes	Yes
Loch Rusky		-	Yes	No
Loch Shin	Ylen Mulrue	Yes	Yes	Yes
Loch Shin	Ylen na Craioibhe	No	No	Yes
Loch Tay	Priory Island	Yes	Yes	Yes
Loch Tay	Eilean Nam Breaban	-	-	Yes
Loch Tay	Eilean Puttychan	No	No	Yes
Loch Tollaidh	Eilean Loch Tollaidh	Yes	No	No
Loch Treig	Eilean Ti Na Slige	-	-	No
Loch Tulla	Eilean Stalcair	No	Yes	Yes
Loch Tummel	An T-Eilean	Yes	No	Yes
Loch Urr	Rough Island	Yes	Yes	Yes
Loch Venachar	Eilean Loch Venachar	No	Yes	Yes
Loch Winnoch		No	-	Yes
Lochfergus	Palace Island	-	-	No
Lochfergus	Stable Island	-	-	No
Lochindorb		Yes	Yes	Yes
Lochinvar		No	-	Yes
Lochrutton		No	Yes	Yes
Mochrum Loch	Long Island	Yes	Yes	Yes
White Loch of Ravenstone		-	-	-
Settlement, poss AI/MI				

Cam Loch	Eilean an Tighe	Yes	Yes	Yes
Loch Achilty	Eilean Mhieldh?	No	Yes	Yes
Loch a' Bailidh/Tangy	Ellanlochnacanage	No	Yes	No
Loch Lundie	Eilean Mhic Raonuill	Yes	No	Yes
Loch Nell	Rubha Na Moine	No	Yes	Yes
Loch Ruthven	Tom Bhuide	-	-	Yes
Settled natural island				
Inchaffray	Inchaffray	-	-	-
Lake of Menteith	Inchmahome	No	Yes	Yes
Lake of Menteith	Inch Talla	No	Yes	Yes
Loch Ard	Duke Murdoch's Isle	No	No	Yes
Loch Awe, Innis Chonnel		No	Yes	Yes
Loch Awe, Kilchurn		No	No	Yes
Loch Awe	Eilean Fraoch	No	Yes	Yes
Loch Awe	Innis Errich	Yes	No	Yes
Loch Borrallie		-	-	No
Loch Dochart	Garwhellane	Yes	Yes	No
Loch of Drumellie		Yes	No	No
Loch Glashan		-	-	Yes
Loch of the Inch (B)	Inch Crindil	Yes	No	Yes
Loch Katrine	Eilean Molach	No	Yes	Yes
Loch Kennard		No	Yes	No
Loch Kinord	Castle Island	Yes	No	Yes
Loch Leven (castle)		No	Yes	Yes
Loch Leven	St Serf's	No	Yes	Yes
Loch Lomond	Buckinch	No	Yes	Yes
Loch Lomond	Clairinsh	No	Yes	Yes
Loch Lomond	Eilean na Vow	No	Yes	Yes
Loch Lomond	Eunlich	-	-	Yes
Loch Lomond	Inveruglas	No	Yes	Yes
Loch Lomond	Tarbet Island	No	Yes	Yes
Loch Lundavra		Yes	Yes	Yes
Loch Maree	Eilean na Craoibhe	No	Yes	Yes
Loch Maree	Ylen Ruairidh Beag	No	Yes	Yes
Loch Maree	Eilean Gruidh	No	Yes	Yes
Loch Maree	Isle Maree	No	Yes	Yes
Loch Moan	White Island	Yes	Yes	Yes
Loch Ochiltree		No	Yes	Yes
Loch Skerrow	Craigherron Island	Yes	No	Yes

Loch Tay	Ylen Ran	-	-	Yes
Lochan Hakel	Grianan	-	-	No
Islands over 500m long				
Loch Awe	Inishail	No	Yes	Yes
Loch Lomond	Inchcailloch	No	Yes	Yes
Loch Lomond	Inchconnachan	No	Yes	Yes
Loch Lomond	Inchcruin	No	Yes	Yes
Loch Lomond	Inchfad	No	Yes	Yes
Loch Lomond	Inchmurrin	No	Yes	Yes
Loch Lomond	Inchtavannach	No	Yes	Yes
Loch Lomond	Inchlonaig	No	Yes	Yes
Loch Lomond	Inchmoan	No	Yes	Yes
Loch Maree	Eilean Subhainn	No	Yes	Yes
Settlement. I/SU				
Baikie Loch		-	-	-
Castle Loch	Castle Island	Yes	No	Yes
Loch a Chleibh/Chuibhe		-	-	-
Loch A'an		-	-	-
Loch Achall		-	-	-
Loch Altarwell		-	-	-
Loch Acharydigill		-	-	-
Loch Ardbhair (A)		-	-	-
Loch Ardbhair (B)		-	-	-
Loch Arklet		-	-	Yes
Loch Assynt	Ylen Assynt	Yes	Yes	Yes
Loch Assynt	Ylen Skadden/Sgudain.	No	Yes	Yes
Loch Awe	Inchdarrach	-	-	Yes
Loch Awe	Unidentified (named)	-	-	Yes
Loch Avich	Innis Luana	Yes	Yes	Yes
Loch Balnakill/Lanlish		-	-	-
Loch Beinn a' Mheadhoin		-	-	-
Loch Bradan		-	-	-
Loch Calder	Big Island?	-	-	-
Loch Chon		-	-	Yes
Loch Chroisk		-	-	-
Loch of Cossans		-	-	-
Loch Doon	Prisoners Stone	-	-	Yes

Loch Dubh		-	-	-
Loch Ederline		Yes	Yes	No
Loch Ericht		-	-	-
Loch Fithie		-	-	-
Loch of Forfar	Fa/W Inch	-	-	Yes
Loch Gaineanhach		-	-	No
Loch Garry		-	-	Yes
Loch Glen Strathfarrar		-	-	-
Loch Goosey		-	-	No
Loch of the Inch (castle)		-	-	Yes
Loch Kindar	Kirk Kindar	Yes	No	Yes
Loch of Kinnordy		-	-	Yes
Loch Laggan	Eilean An Righ	No	Yes	Yes
Loch Lednock		-	-	-
Loch Lomond	Kernaig	-	-	Yes
Loch Loyal (A)		-	-	Yes
Loch Lyon		-	-	-
Loch Martnaham		-	-	Yes
Loch Naver		-	-	Yes
Loch Oich		-	-	Yes
Loch Oich		-	-	Yes
Loch Quoich	Eilean Mhic Phi	-	-	Yes
Loch Quoich		-	-	Yes
Loch Shiel	Eilean Fhianain	No	Yes	Yes
Loch Shin	Ylen Heyraig	-	-	Yes
Loch Shin	Ylen na Vym	-	-	Yes
Loch Spey		-	-	No
Loch Stack	Ylen Loch Stack	-	-	Yes
Loch na Sreinge		-	-	Yes
Loch Tarff		-	-	Yes
Loch nan Torran	Eilean Tigh?	-	-	Yes
Loch Tromlee	Eilean Tighe Bhain	-	Yes	Yes
Loch Turret		-	-	-
Loch Unapool		-	-	Yes
Loch Ussie		-	-	Yes
Lochnaw		Yes	Yes	Yes
Lochore	Inchgall	-	-	Yes
K/Reane Castle		-	-	-

Poss settlement. SU				
Loch Ard (B)		-	-	Yes
Loch Drunkie		-	-	-
Loch Garry		-	-	Yes
Loch Lochy		-	-	-
Loch Loyal (B)		-	-	Yes
Loch Meadie		-	-	Yes
Loch Rannoch (B)		-	-	Yes
Loch Sloy		-	-	-

Appendix 2: Loch settlements on early maps

This appendix contains detail of loch settlements from early manuscript and printed maps from a variety of sources from Mercator and Ortelius, through Pont, the Gordons and to Blaeu. They include the clearly depicted settlements and possible ones. Also included are comparative images of the area round Aberdeen by Pont, Blaeu and James Gordon and a variety of depictions of Loch Lomond, illustrating the interest in its large number of islands.

The Ortelius loch settlements



Inchaffray



Loch Calder



Loch Doon



Loch Erricht



Loch Laggan



Loch Leven



Loch Spey



Loch Tay/Earn



Lochindorb



Lochmaben



Reane Castle

The Mercator 1595 loch settlements



Inchaffray



Kean Castle



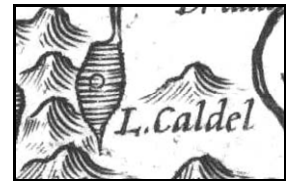
Lake of Menteith.
Inchmahome



Loch A'an



Loch Beann' Mheadhoin



Loch Calder



Loch Doon



Loch Earn



Loch Katrine.
Eilean Molach



Loch Laggan



Loch Leven



Loch Nell



Loch Spey



Loch Tay A, B & C



Loch Urr

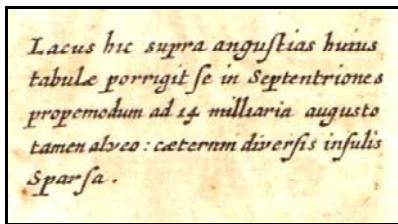


Lochinvar



Lochmaben

Map-makers' images of Loch Lomond



Blaeu's Loch Lomond text



Ortelius' 1573 imprint Loch Lomond



Mercator's 1595 Loch Lomond



Blaeu's Loch Lomond (Kingdom of Scotland)



Loch Lomond (Pont 17)

Pont's loch settlement depictions



Baikie Loch (26)



Baikie Loch (29)



L Acharydigill (2(1))



Loch Ardbhair
A, B & C (4(7))



Loch Assynt
A & B (4(7))



Loch Awe.
Inchdarrach (14)



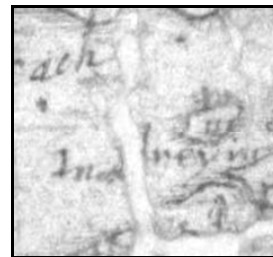
Loch Awe.
Inishail (14)



Loch Awe.
Innis Chonnell (14)



Loch Awe.
Kilchurn (14)



Loch Awe. (14)



Loch Balnakill (2(1))

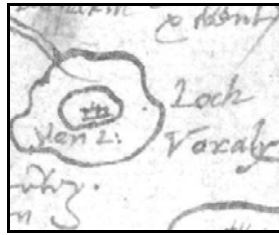


Loch Beanie (27)

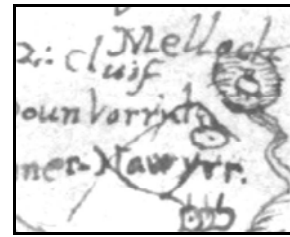
Source: NLS Map Library



Loch Borrallie (2(1))



Loch Borrallie (01)



Loch Chleibhe
(2(1))



Loch Clunie (23(2))



Loch Dubh (14)



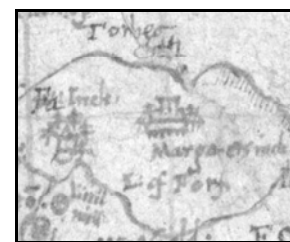
Loch nan Ealachan
(3(1))



Loch Earn.
Neish (21(2))



Loch of Forfar
A & B (26)



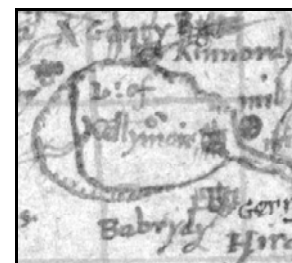
Loch of Forfar
A & B (29)



Loch Gaineanhach
(15)



Loch Garry A (5)



Loch of Kinnordy
(29)



Loch Leathan (29)



Loch Lomond.
Buckinch (17)



Loch Lomond.
Inchfad (17)



Loch Lomond.
Inchgalbraith (17)



Loch Lomond.
Inchlonaig (17)



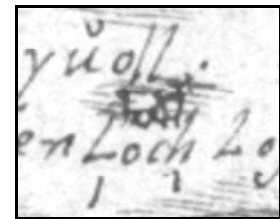
Loch Lomond.
Inveruglass (17)



Loch Lomond.
Tarbet Isle (17)



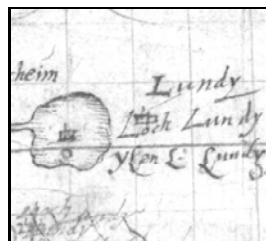
Loch Lomond.
Ylen na Vow (17)



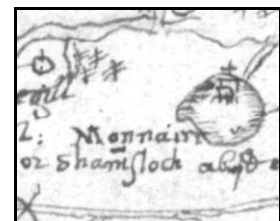
Loch Loyal A (2(1))



Loch Lundavra (13)



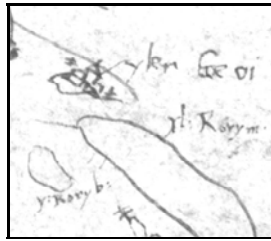
Loch Lundie (5)



Loch Ma Naire (2(1))



Loch Maree (4(5))



Loch Maree (4(6))



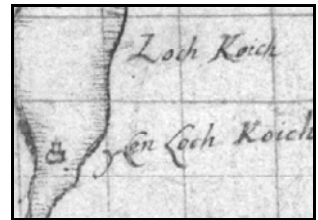
Loch Moy (8)



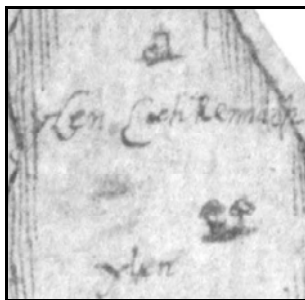
Loch Ness (5)



Loch Oich.
A, B & C (5)



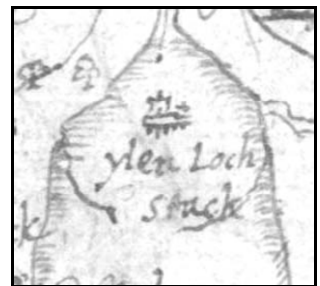
Loch Quoich (5)



Loch Rannoch A
(23(1))



Loch Shin (3(2))



Loch Stack (3(1))



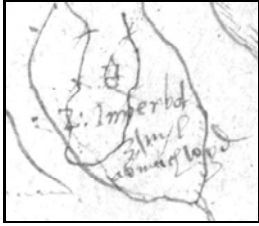
Loch Tarrif (5)



Loch Tay, Priory (18)



Loch Tummel (23(1))



Loch Unapool (4(7))



Loch Winnoch (33)



Lochindorb (6(1))

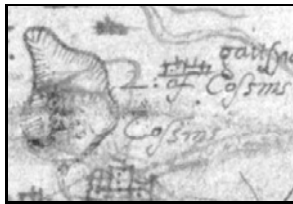


Lochindorb (8)



Loch Achall (4(7))

Possible Pont manuscript map sites



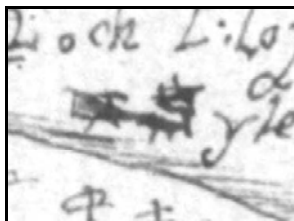
Loch of Cossans (26)



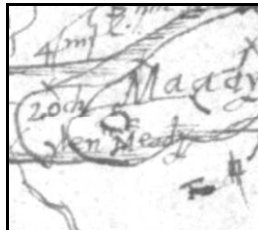
Loch of Drumellie (23(2))



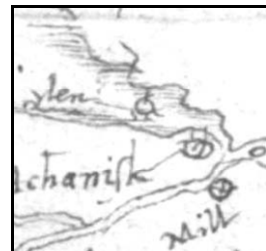
Loch Garry B (5)



Loch Loyal B (2(1))



Loch Meadie (2(1))



Loch Naver (2(1))

Loch settlements of the Gordon manuscript maps



Baikie Loch (42)



Lake of Menteth
A & B (6)



Lake of Menteth
A & B (51)



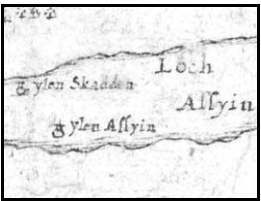
Loch Achall (14)



Loch Alterwall (9)



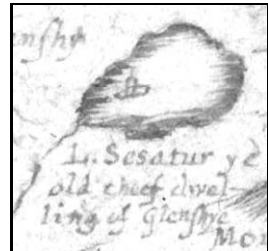
Loch Ardbhair
A & B (12)



Loch Assynt. Assynt
& Skadden (12)



Loch Beanie (6)



Loch Beanie (43)



Loch Brora (3)



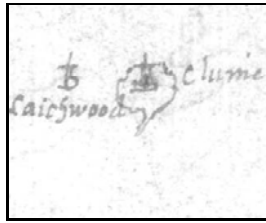
Loch Brora (10)



Loch Chroisk (3)



Loch Clunie (6)



Loch Clunie (41)



Loch Doon A & B (60)



Loch an Eilean (5)



Loch of Forfar
A & B (42)



Loch Leven A (2)



Loch Leven A & B (6)



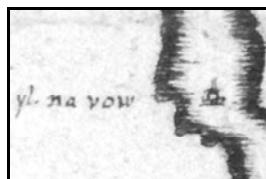
Loch Leven A (48)



Loch Leven A & B (52)



Loch Leven A (53)



Loch Lomond.
Eilean na Vow (48)



Loch Lomond.
Tarbet Island (48)



Loch Lundy (25)



Loch Maben (61)



Loch Maree (13)



Loch Moy (5)



Loch Moy (25)



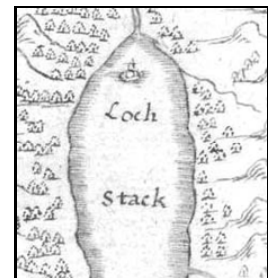
Loch Ruthven (5)



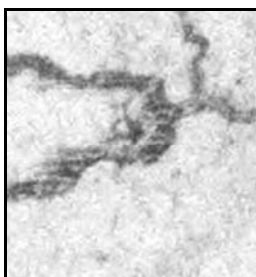
Loch Ruthven (25)



Loch Shin (12)



Loch Stack (11)



Loch Tay. Priory (2)



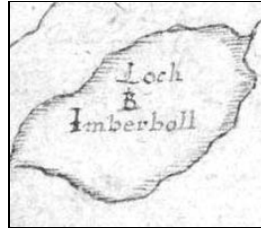
Loch Tay. Priory (6)



Loch Tay. Priory (40)



Loch Tay. Priory (48)



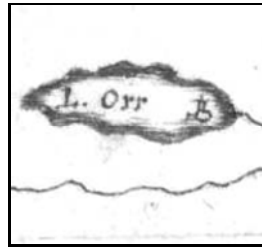
Loch Unapool (12)



Lochindorb (5)



Lochindorb (25)



Lochore (48)



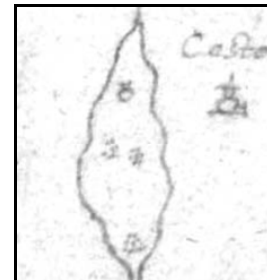
Lochore (53)



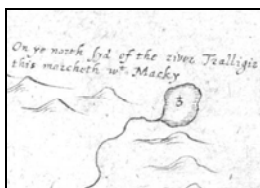
Lochwinnoch (55)



Lochwinnoch (59)



Long Loch? (42)



Loch Achall

Source: NLS Map Library

Loch settlements in the Blaeu atlas



Lake of Menteith
A & B (Dunbarton)



Loch Alterwall
(Caithness)



Loch Assynt
(Hebrides)



L Awe. Innischonnel
(Hebrides)



L Awe. Innischonnel
(Kingdom)



L Awe. Kilchurn
(Kingdom)



L Baile Mhic Chalein
(Firth of Lorn)



Loch a' Baillidh
(Knapdale)



Loch Bradan (Mid
Ayrshire)



Loch Brora
(Kingdom)



Loch Brora
(Northern Scotland)



Loch Brora
(SE Sutherland)

Source: NLS Map Library



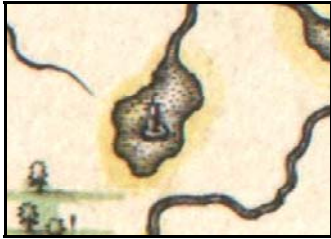
Loch a' Chroisg
(Northern Scotland)



Loch Clunie
(Central Highlands)



Loch an Daimh
(Firth of Lorn)



Loch an Daimh (Jura)



Loch Doon A
(Kingdom)



Loch Doon A & B
(Mid Ayrshire)



Loch Dornal
(Wigtonshire)



Loch of Drumellie
(Central Highlands)



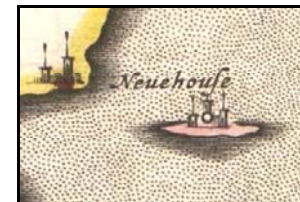
Loch an Eilean
(Central Highlands)



Loch Kinord
(Aberdeenshire &
Banffshire)



Loch Leven (Fife)



Loch Leven
(West Fife)



L Lomond.
Inchcailloch
(Dunbarton)



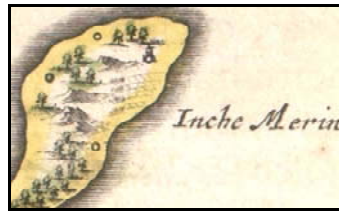
L Lomond.
Inchconnachan
A, B, & C (Dunbarton)



Loch Lomond.
Inchlonaig
(Dunbarton)



L Lomond. Inchmoan
(Dunbarton)



L Lomond. Inchmurrin A,
B, C & D (Dunbarton)



L Lomond.
Inchtavannach A & B
(Dunbarton)



Loch Maberry
(Wigtownshire)



Loch Martnaham
(Kyle)



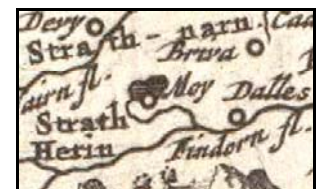
Loch Moan
(Galloway)



Loch Moan
(Wigtownshire)



Loch Moy
(Central Highlands)



Loch Moy
(Kingdom)



Loch Moy
(Moray and Nairn)



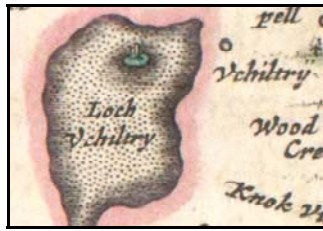
L Moy
(Northern Scotland)



Loch Nell
(Firth of Lorn)



Loch Nell
(Kingdom of Scotland)



Loch Ochiltree
(Wigtownshire)



Loch a' Phearsain
(Firth of Lorn)



Loch Ruthven
(Central Highlands)



Loch Ruthven
(Moray and Nairn)



Loch Ruthven
(Northern Scotland)



Loch Tay
(Central Highlands)



Loch Tay (Kingdom
of Scotland)



Loch nan Torran
(Knapdale)



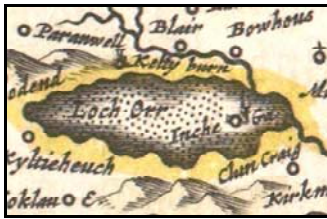
Lochindorb
(Central Highlands)



Lochindorb (Kingdom
of Scotland)



Lochindorb (Moray &
Nairn)



Lochore (Fife)



Lochore (West Fife)



Lochwinnoch
(Cunningham)



Lochwinnoch
(Renfrew)



White Loch
(Galloway)



Detail from inset on James Gordon's 1661 town plan of Aberdeen – Aberdoniae novae et veteris description (NLS).



Detail from James Gordon's 1661 town plan of Aberdeen – showing Furry and Nether Torry as linear waterside settlements with single-storey buildings and gardens (NLS).



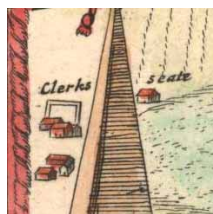
Detail from James Gordon's 1661 town plan of Aberdeen – showing some of the smaller settlements and structures (NLS).



Detail from James Gordon's 1661 town plan of Aberdeen – showing small milltouns round the Don river and a nearby cottoun with enclosed garden with trees set amidst what may be arable (NLS).



Detail from James Gordon's 1661 town plan of Aberdeen – showing varied settlement arrangements including an irregular cluster at the Cottoun of Ferriehill (NLS).



Appendix 3: Surveys and historic images

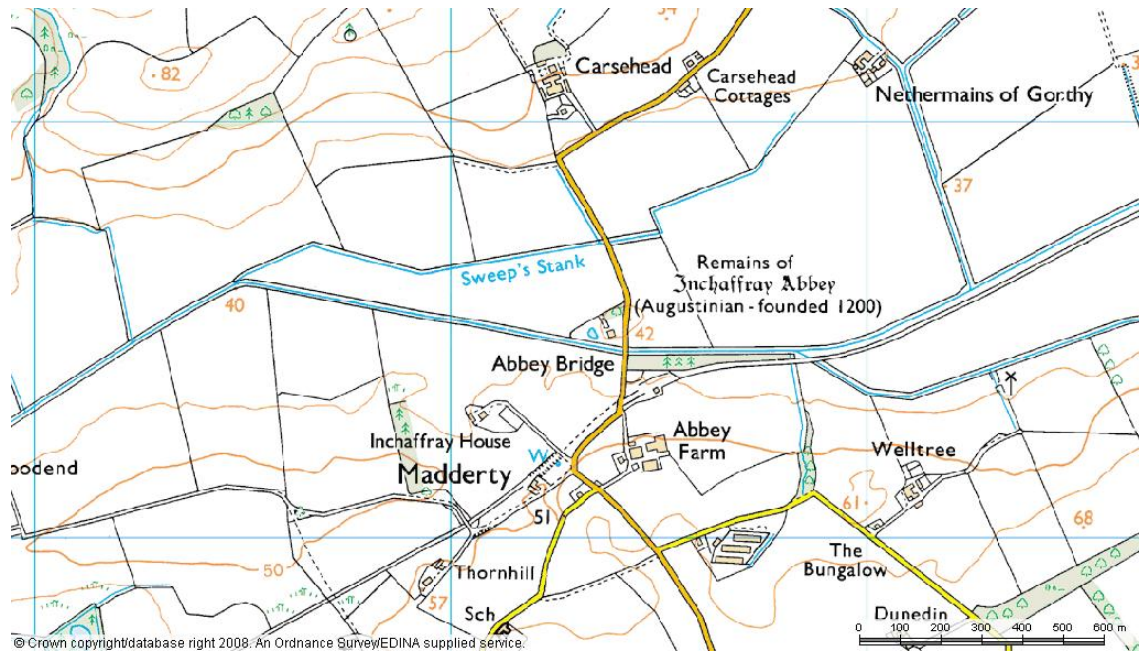
This appendix contains current and historic and images of loch settlements and formerly occupied islands gathered during research for this thesis. It also contains surveys by the author. These are accompanied by details from current OS maps and bathymetric survey detail (where available). With sites like Inchmahome it helps illustrate later use after the main period of occupation ended. Modern pictures have been provided, mostly taken by this author, to show islands as they are now. The material is considered to be of value and interest but not appropriate for the main body of the thesis. Some of the images are from the RCAHMS Scran online archive at www.scran.ac.uk/.

Inchaffray

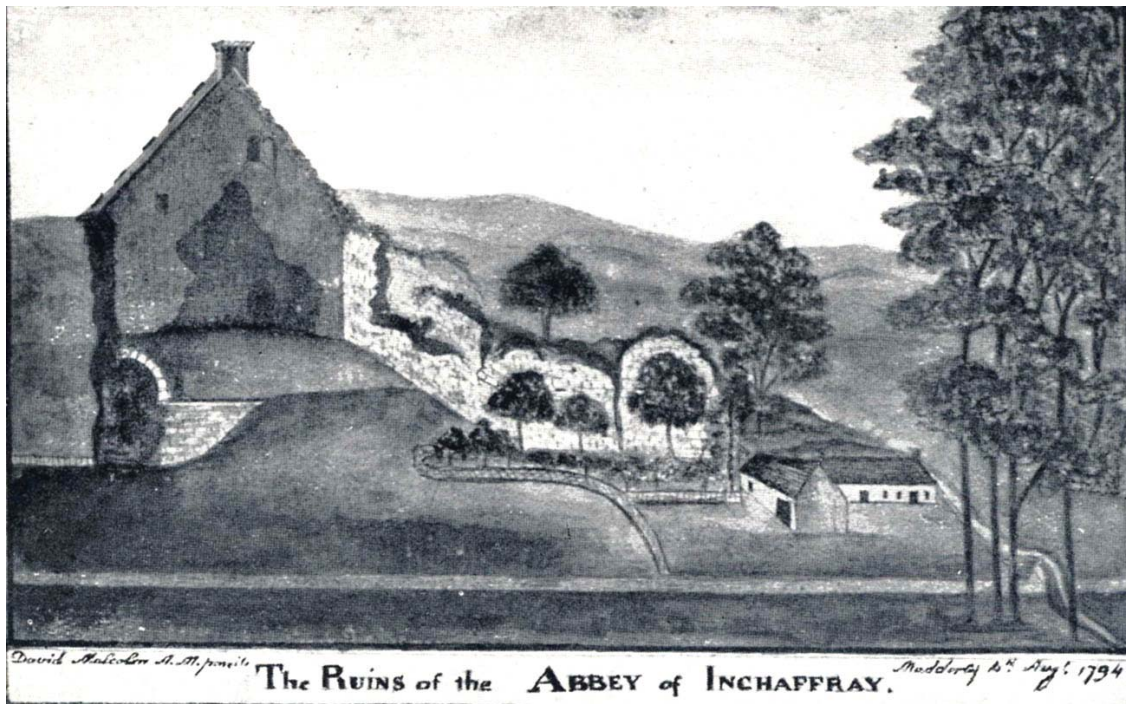
Name: Inchaffray Abbey.

Location: NN 9536 2251.

NMRS: NN92SE 4.



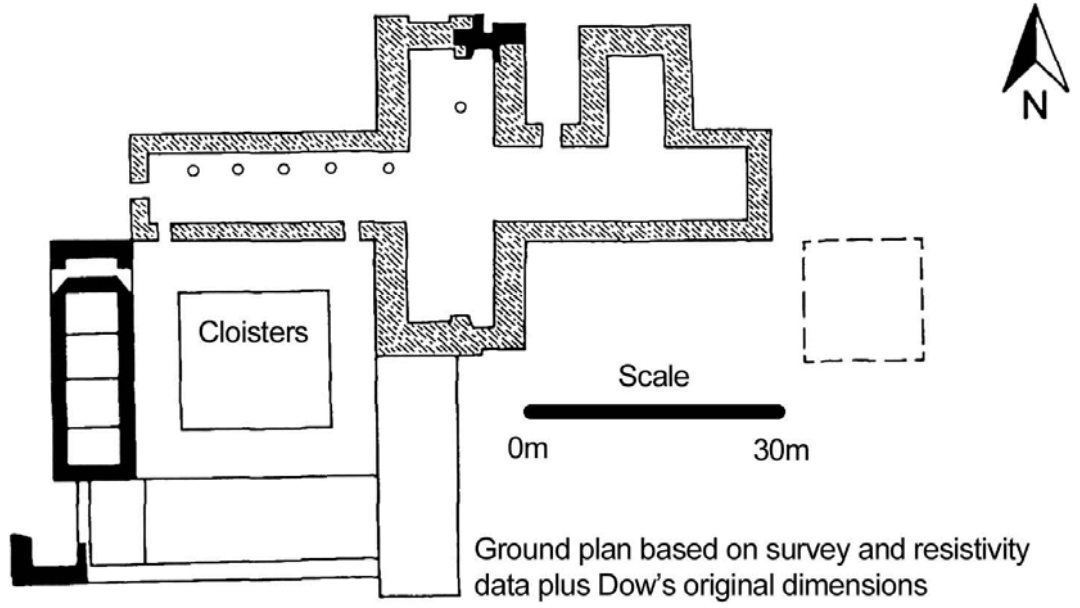
Above: detail from OS map at 1:10,000 showing Inchaffray.



Above: the abbey ruins from the Charters of the Abbey of Inchaffray in 1794.



Above: the abbey ruins from a watercolour by George Henry Hutton of 1781 (Scran).



Above: Inchafray Abbey ground plan after Ewart (1996, 514) with scale redrawn.

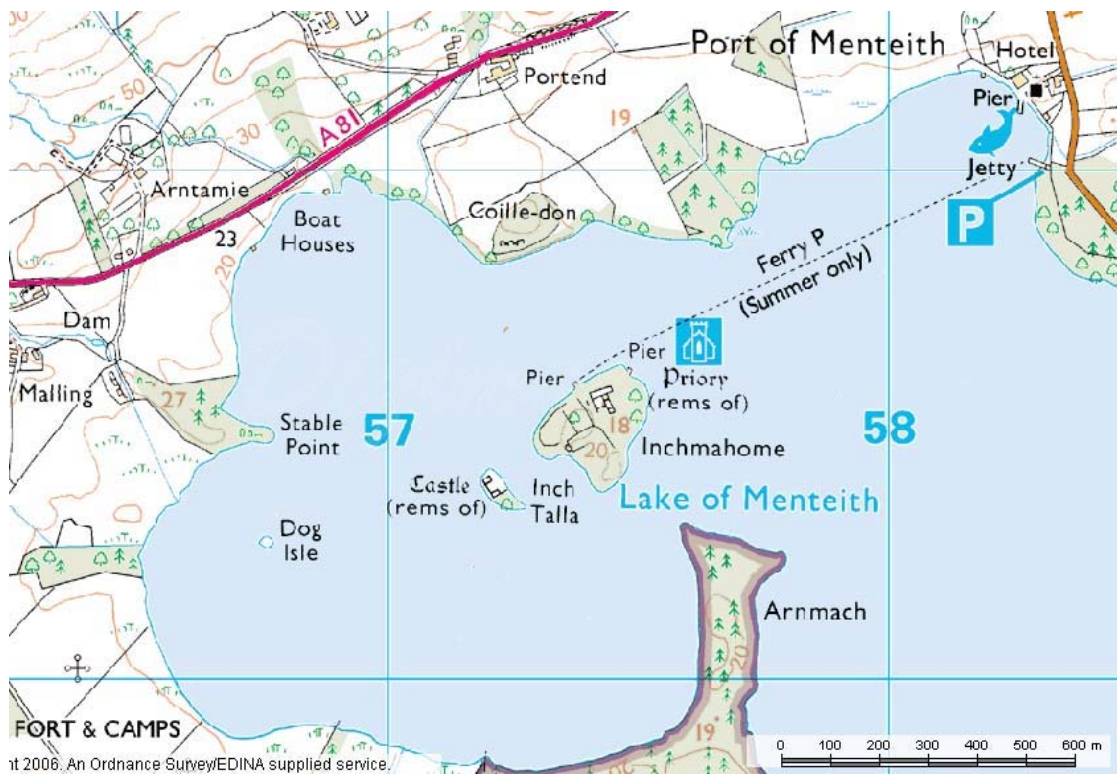


Left: the remains of the abbey (Scran).

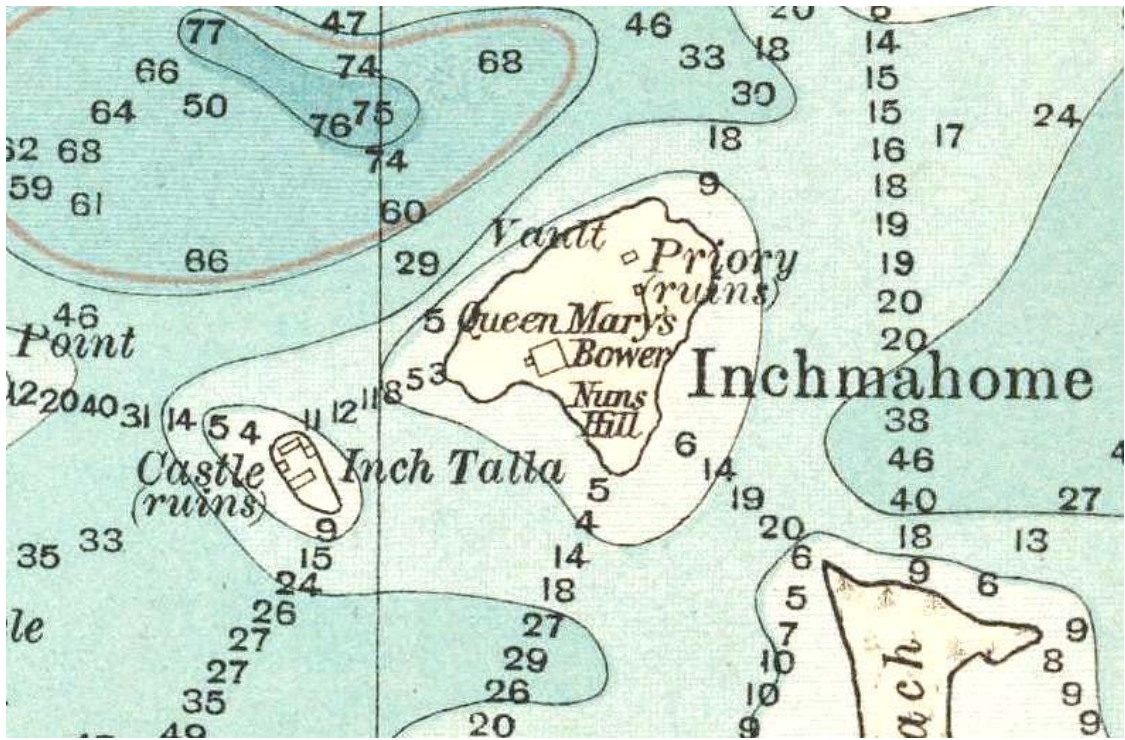
Lake of Menteith

Name: Inchmahome Priory.

Location: NN 5744 0055.



Above: OS map of Inchmahome at 1:10,000.



Above: M&P detail of the Lake of Menteith around Inchmahome 1900.



Above left: etching by Edward C Slocombe 1870 (Scran). Top right: aerial view of Inchmahome (Scran). Above right: sketch from 1789, likely to be by George Henry Hutton (from SCRAN).

Little Loch Shin

Name: Eilean na Craobhe.

Location: NC 58130 06350.

NMRS: NC50NE 79.



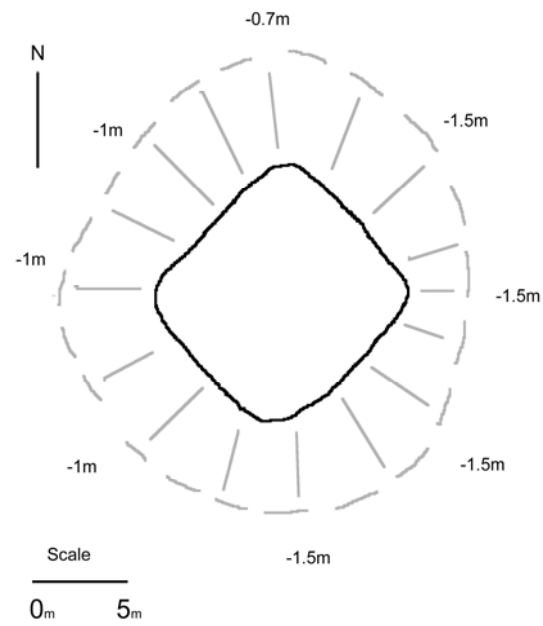
Above: Little Loch Shin OS at 1:10,000, the island was close to the jetty.



Above: Eilean na Craobhe from the M&P bathymetric survey of 1902.

Little Loch Shin

Mathew Shelley
19/08/04



Left: survey by Shelley.



Left: the island
pictured by Shelley
2004. The miniature
house has since
been removed.

Loch Awe

Name: St Findoca's Chapel, Inishail.

Location: NN 0980 2447.

NMRS: NN02SE 2.00.



Above: Inishail and surrounding islands of Loch Awe, OS 1:10,000.



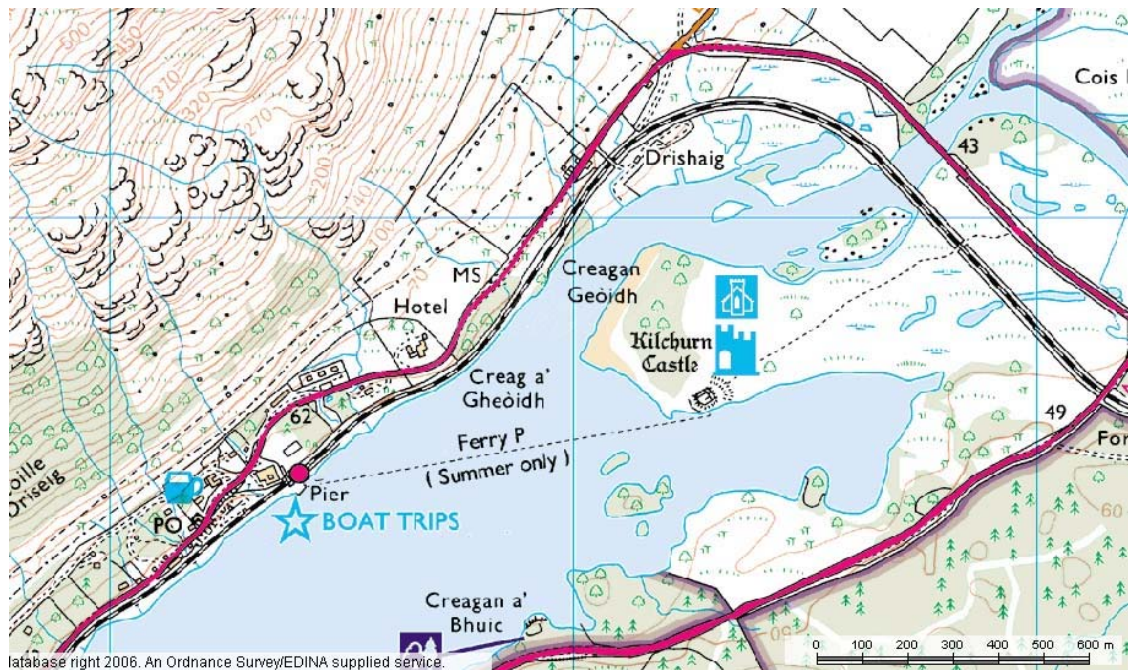
Above left: M&P detail from survey of 1903. Above right: OS 6 Inch, survey of 1871 (NLS).

Loch Awe

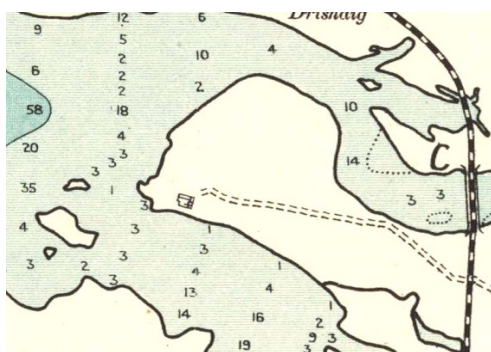
Name: Kilchurn Castle.

Location: NN 1328 2762.

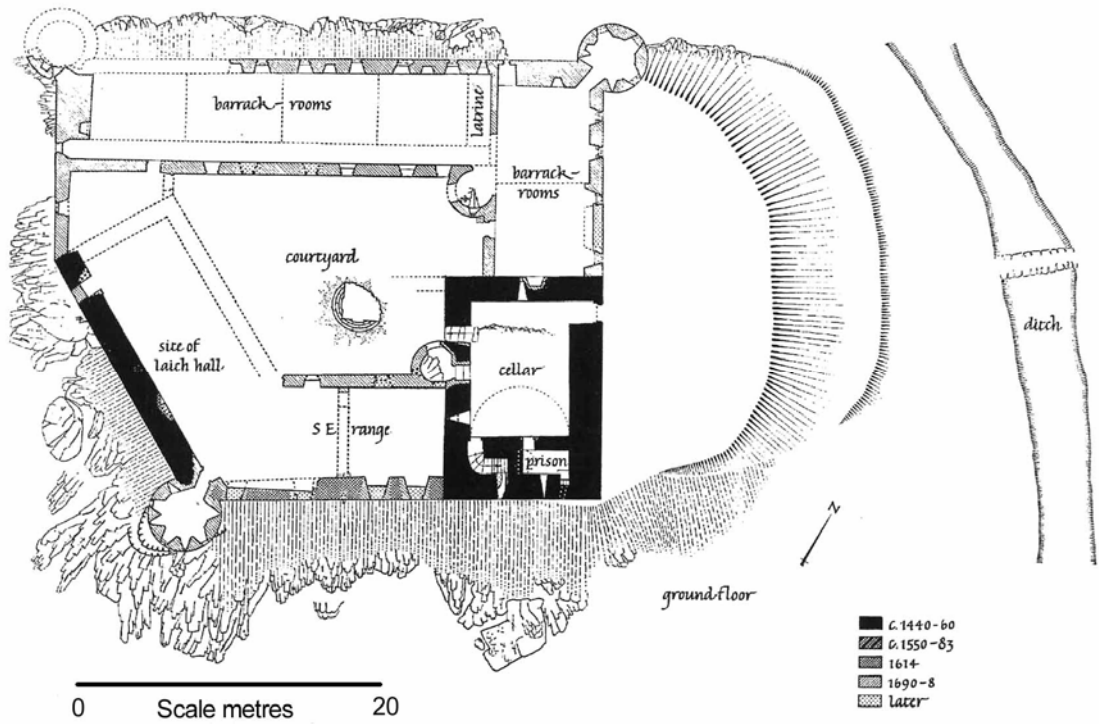
NMRS: NN12NW 5.



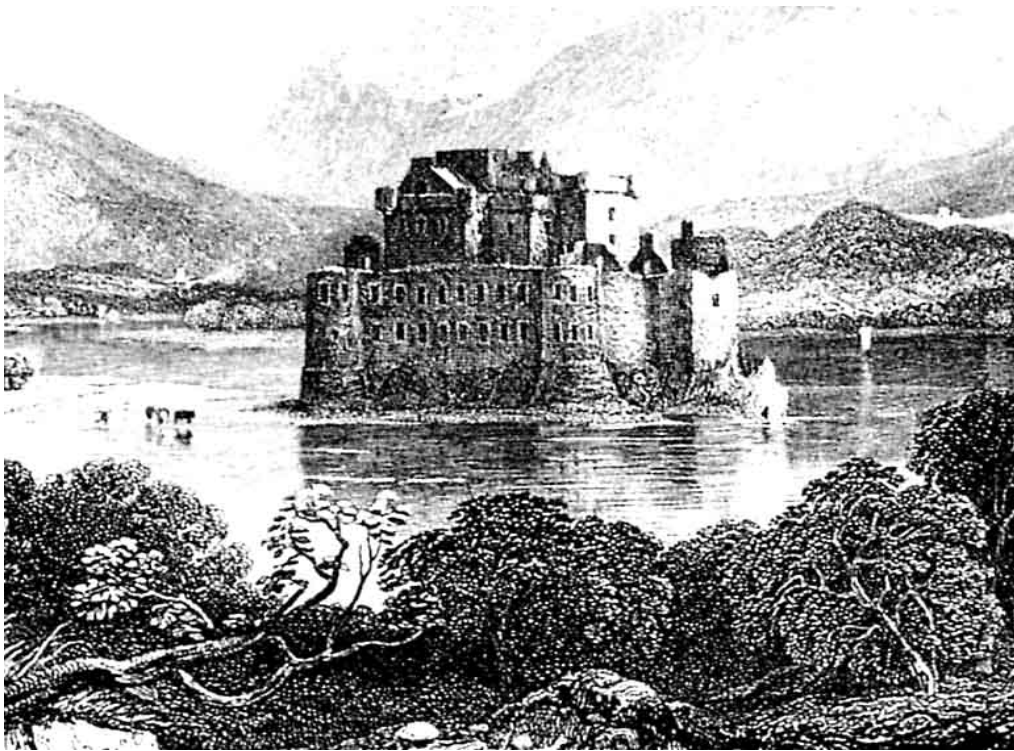
Above: Kilchurn, Loch Awe, OS 1:10,000.



Above left: M&P survey of Kilchurn, Loch Awe, 1903. Above right: early nineteenth century etching of Kilchurn (Scran).



Above: plan of Kilchurn Castle after RCAHMS, (1975, fig 205) and Dalglish (2005, 246, fig 2) scale redrawn.
 Left: Kilchurn Castle c.1969 (Scran).



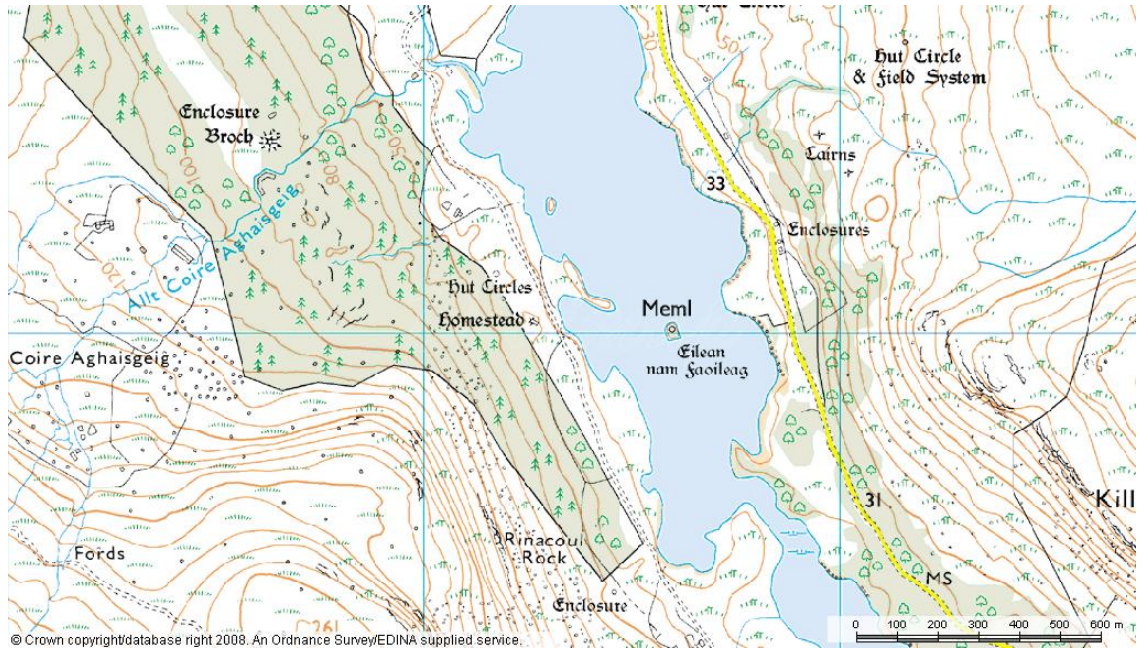
Above: Kilchurn Castle, pictured as entirely insular in the BBT but with cattle in the shallows between land and island.

Loch Brora

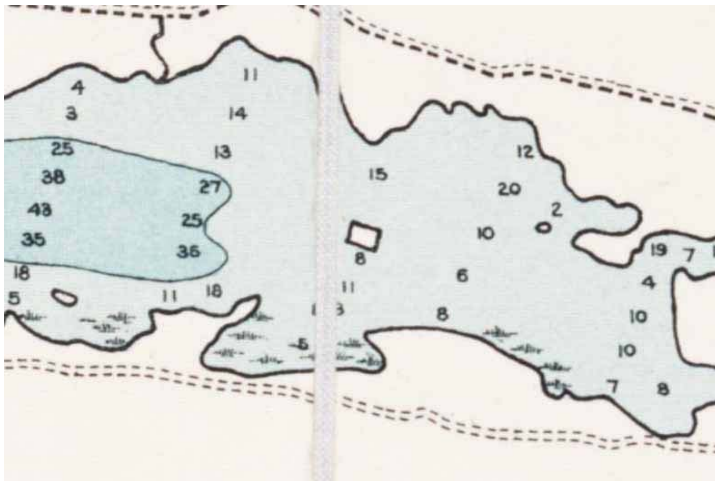
Name: Eilean nam Faileag.

Location: NC 8560 0600.

NMRS: NC80NE 8.



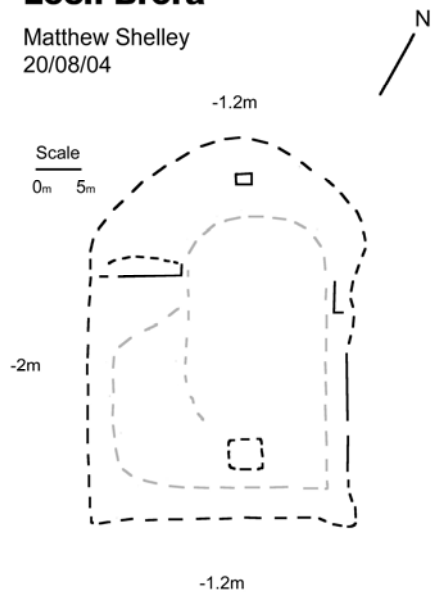
Above: Eilean nam Faileag, detail from OS map 1:10,000



Above: Eilean nam Faileag and the surrounding loch bed from the M&P bathymetric survey of 1902.

Loch Brora

Matthew Shelley
20/08/04



Left: survey by Shelley.



Left: Eilean nam Faileag, pictured by Shelley 2004.



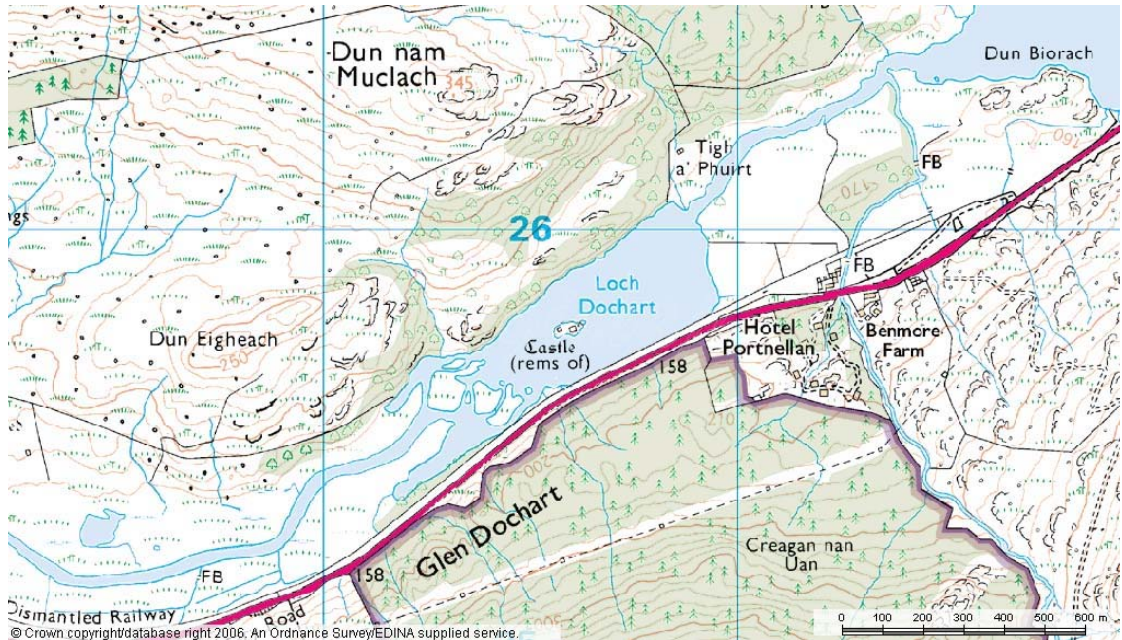
Left: upright walling at Eilean nam Faileag pictured by Shelley 2004.

Loch Dochart

Name: Isle of Loch Dochart.

Location: NN 4060 2575.

NMRS: NN42NW 3.

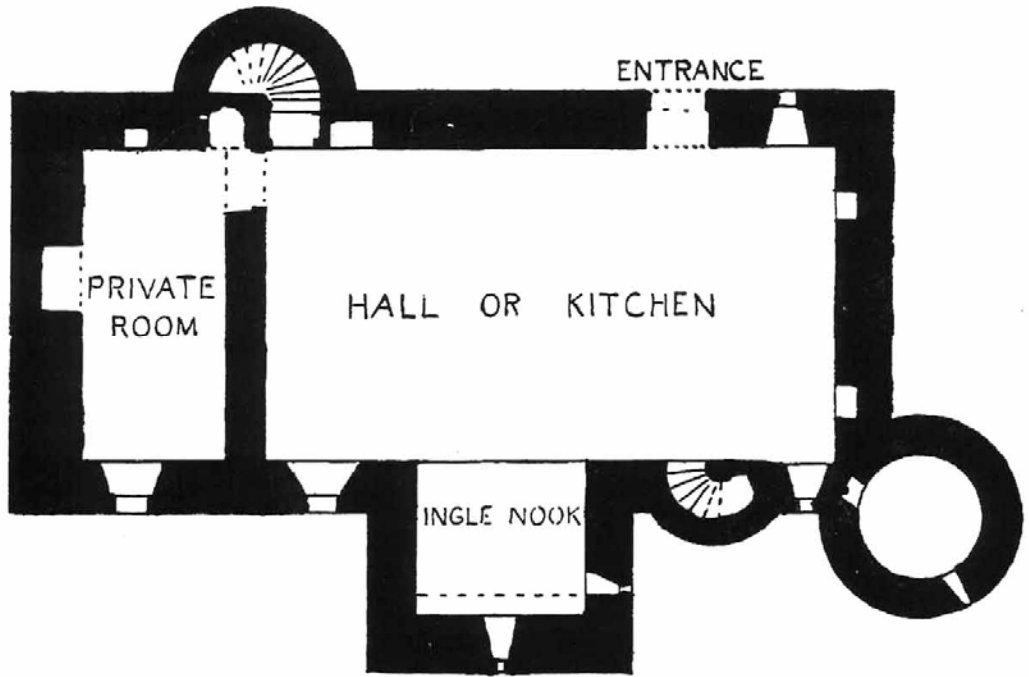


Above: Isle of Loch Dochart, OS 1:10,000.

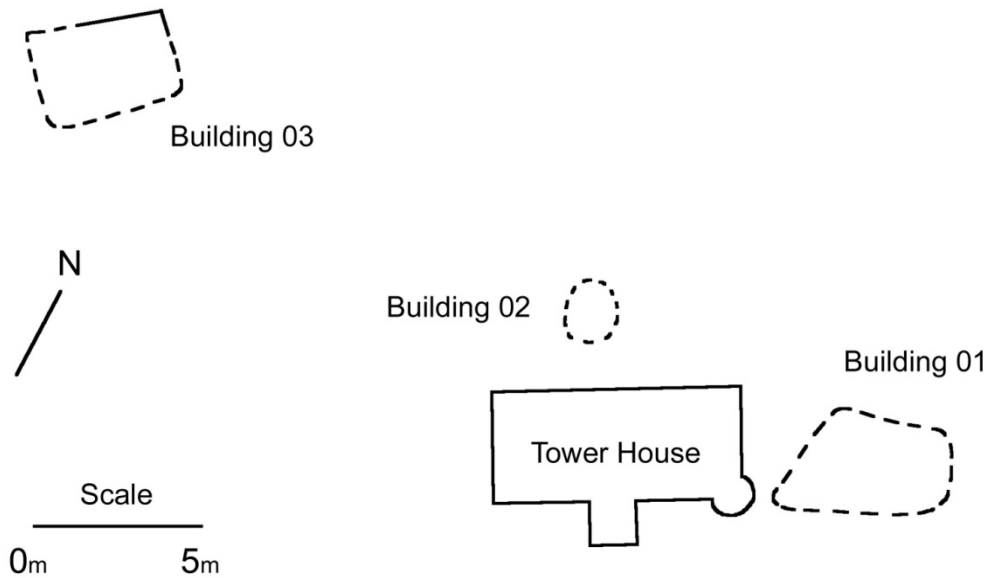


Above left: Loch Dochart castle and the surrounding loch bed M&P 1902.

Above right: Loch Dochart Castle (Scran).



Above: Ground plan of Loch Dochart Castle (after Place, 1906, 363, fig 4) and Dalglish (2005, 262, fig 14) states the hall is 8.5mx5.2m.



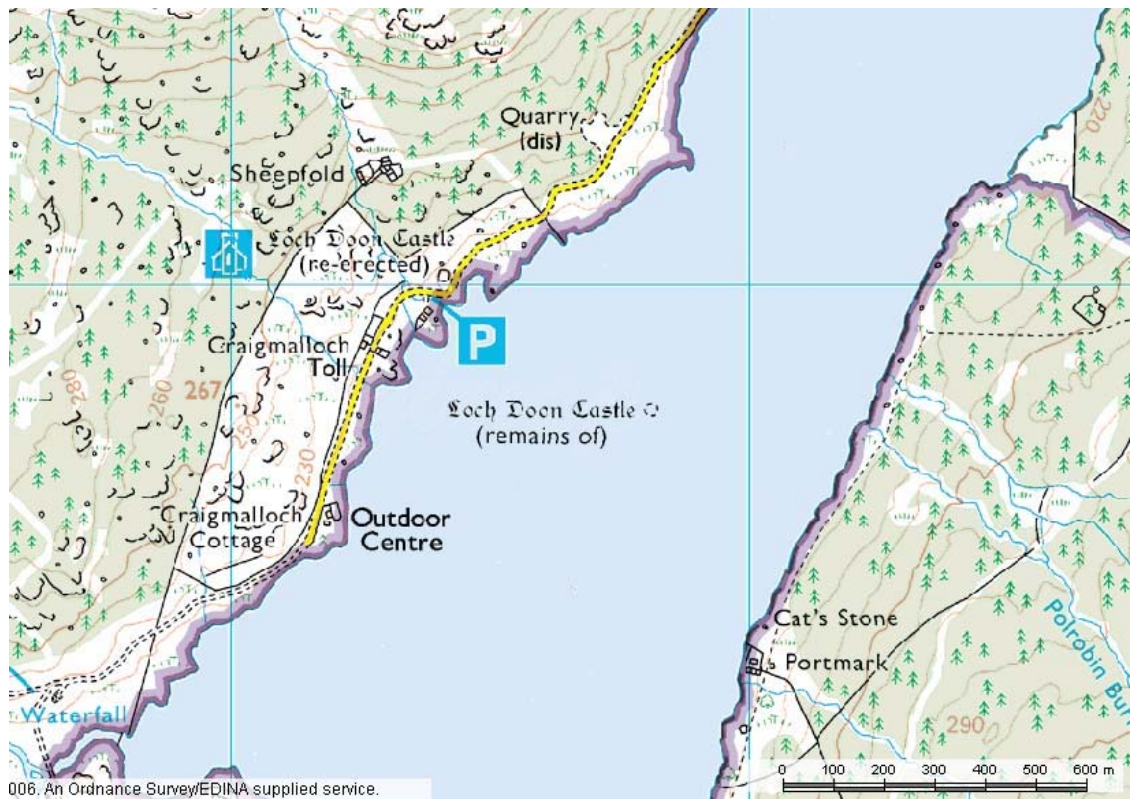
Above: relative position of structures on the Isle of Loch Dochart, Shelley, 2005.

Loch Doon

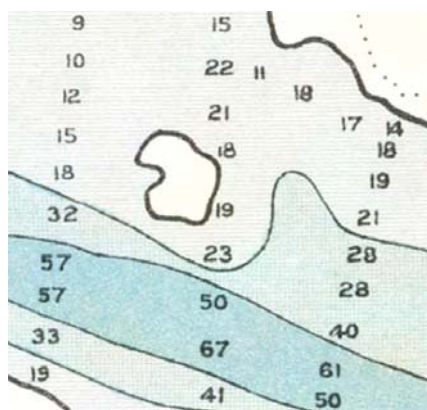
Name: Loch Doon Castle.

Location: Island NX 48813 94759.

NMRS: NX49SE 1.



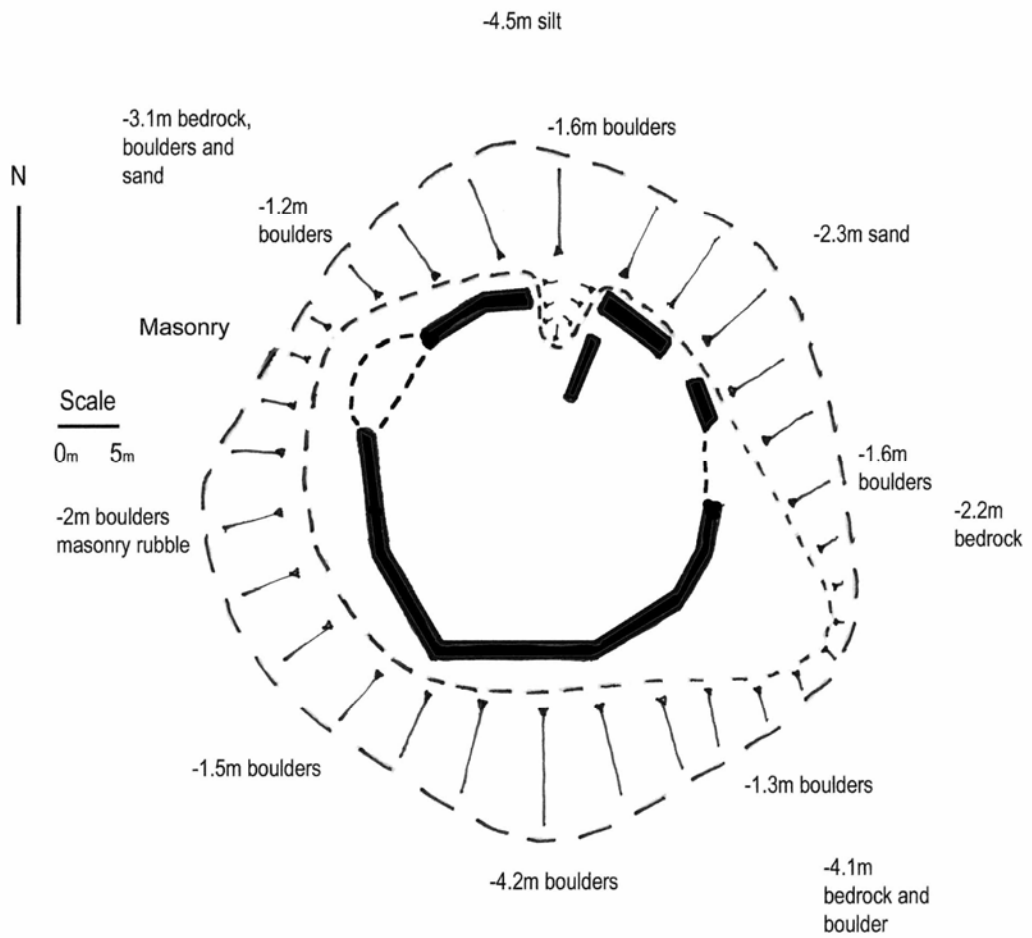
Above: the location of the former castle and its position after removal to shore, OS 1:10,000.



Above left: detail of Loch Doon Castle island and surrounding loch bed M&P 1903. Above right: detail showing Loch Doon castle OS 6 inch, survey of 1850.



Above left: Loch Doon Castle island (Shelley, 2004). Above right: Loch Doon Castle (Shelley, 2004).



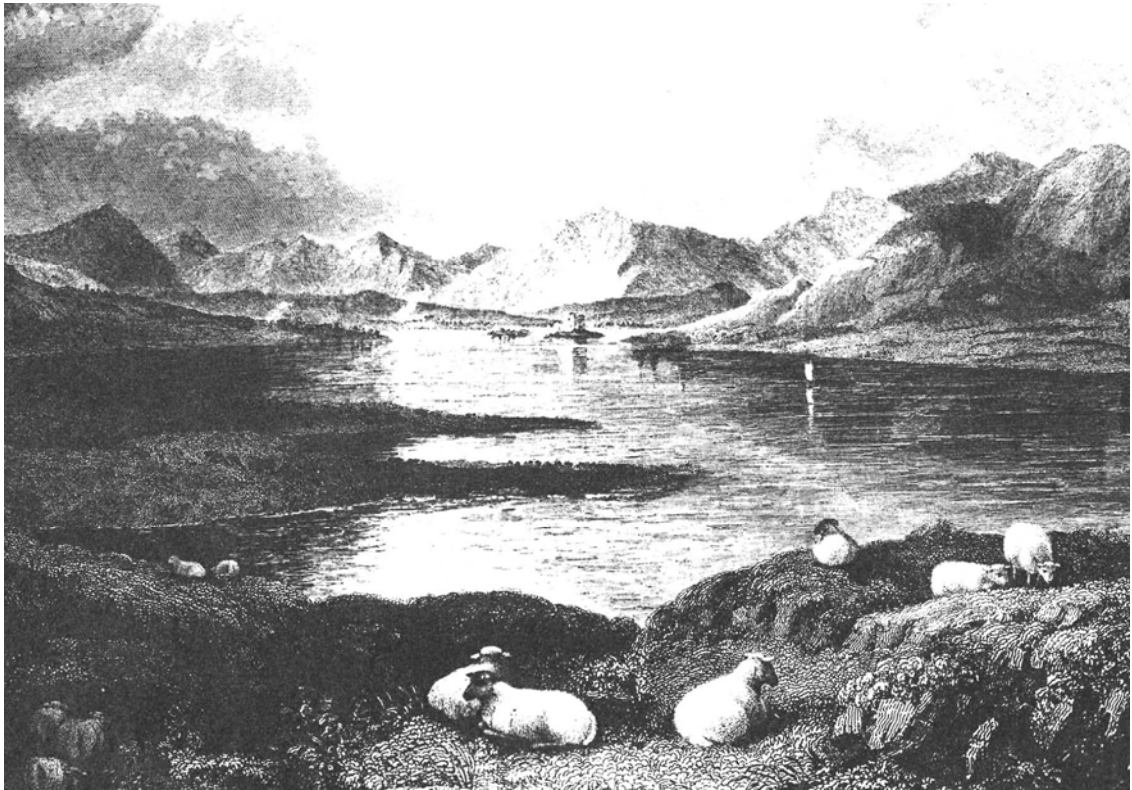
Above: Survey of Loch Doon Castle island by Shelley (2004).



Above: Postcard from 1910 showing Loch Doon Castle before the move to shore (Scran).



Above: Loch Doon Castle c.1896 with a second island behind, as depicted in the Blaeu atlas (Scran).



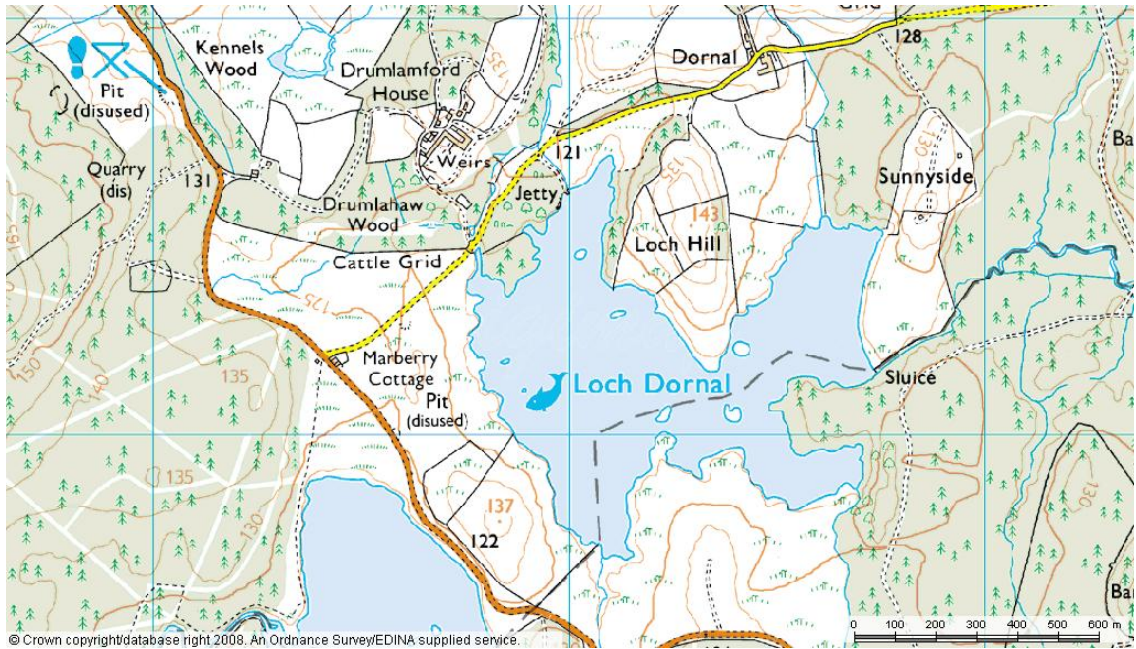
Above: Loch Doon Castle, Fleming and Swan, nineteenth century, before the raising of the loch level (Scran).

Loch Dornal

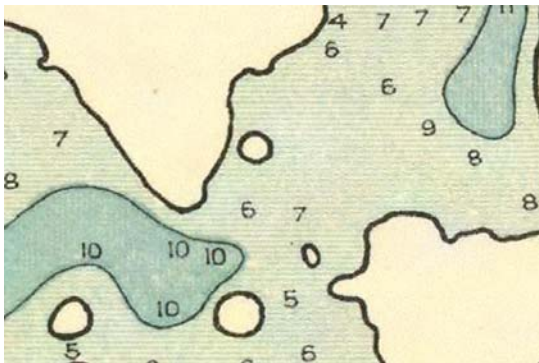
Name: Castle Island.

Location: NX 2942 7622.

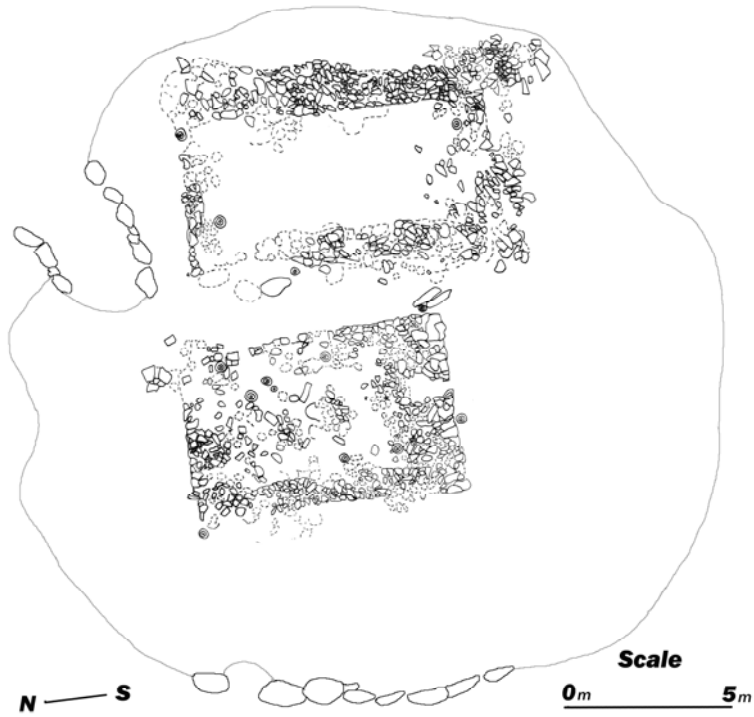
NMRS: NX27NE 5.



Above: Loch Dornal from OS at 1:10,000 with Castle Island to the south east of Loch Hill.



Above: Castle Island from the M&P bathymetric survey of 1903.



Left:
Loch
Dornal
survey
by
Shelley
2004.



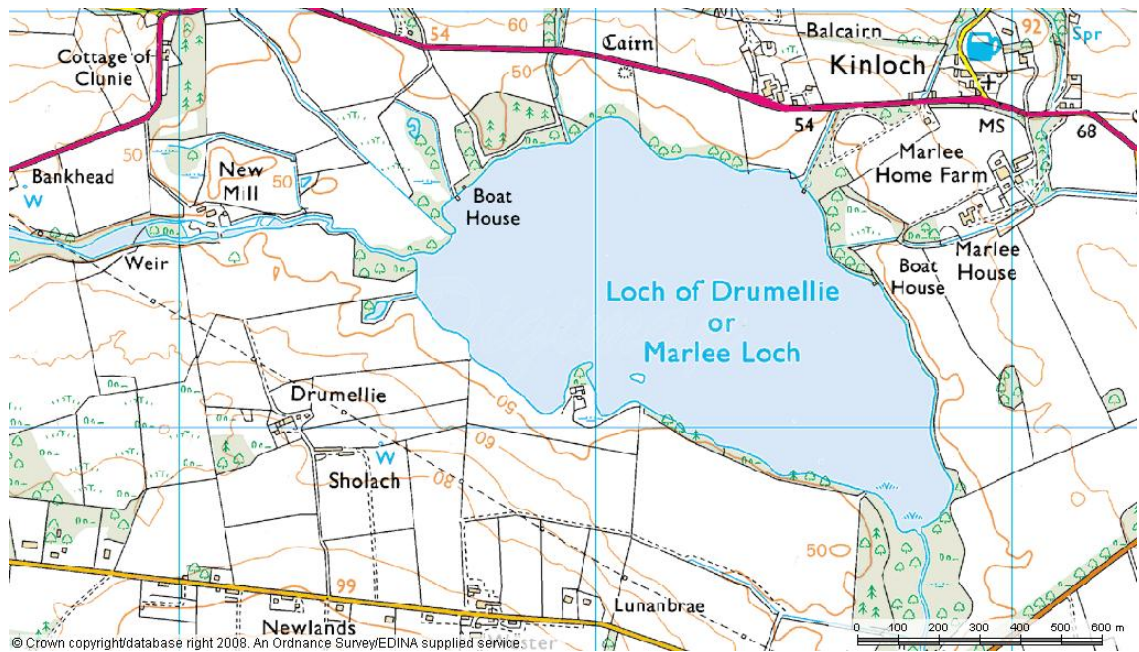
Above: Loch Dornal's Castle Island, pictured by Shelley 2004.

Loch of Drumellie

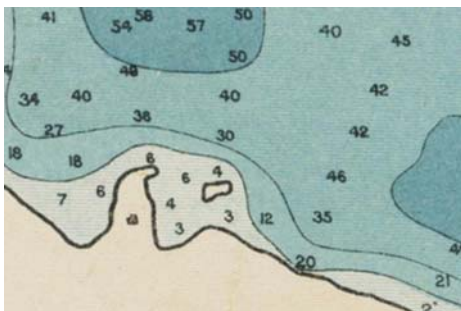
Name: None known.

Location: NO 141 442.

NMRS: NO14SW 141.



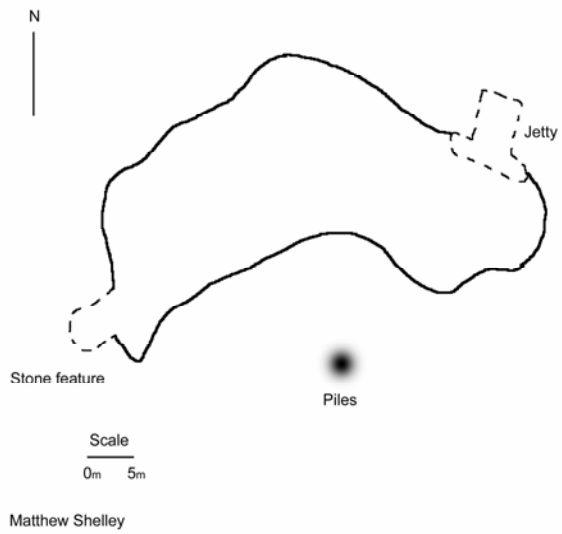
Above: detail from OS map showing the island at 1:10,000.



Above: detail from M&P survey 1903.

Loch of Drumellie

09/07/04



Above: survey by Shelley in 2004.

Loch Earn

Name: Isle of Loch Earn, Eilean na Vow or Neish's Isle.

Location: NN 6905 2422.

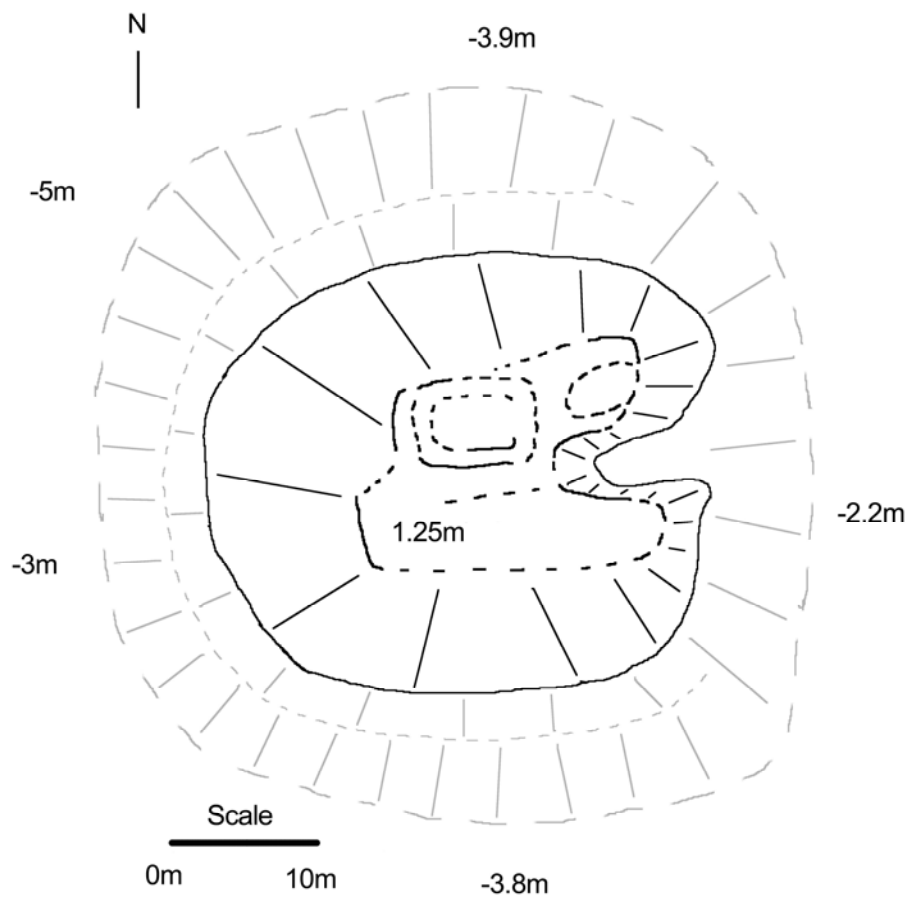
NMRS: NN62SE 2.



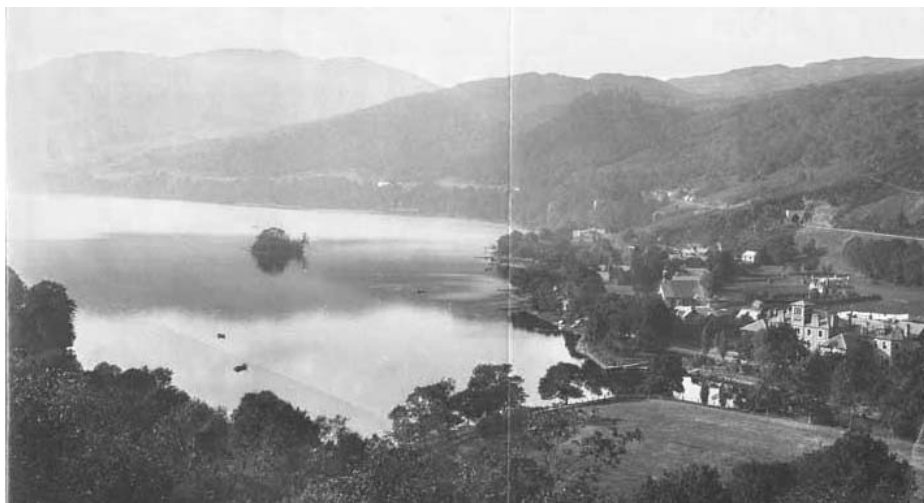
Above: the Isle of Loch Earn, detail from OS map 1:10,000.



Above: detail of loch bed around the Isle of Loch Earn, M&P 1902.



Above: survey of Isle of Loch Earn, Shelley 2004.



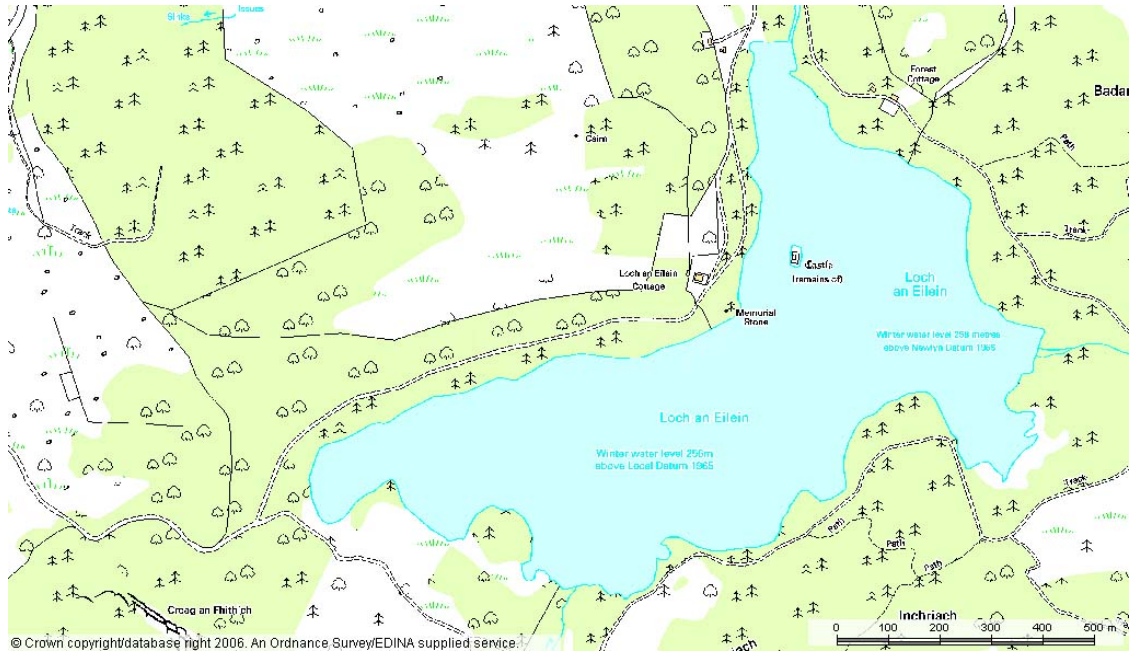
Above: the Isle of Loch Earn in 1899 (Scran).

Loch an Eilean

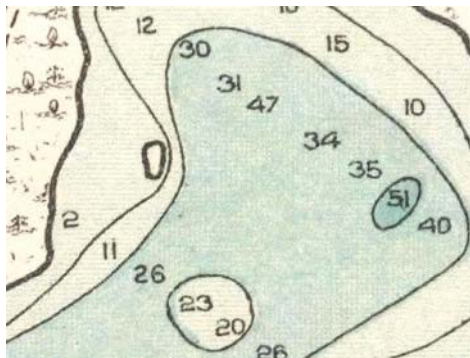
Name: Loch an Eilean Castle.

Location: NH 8986 0793.

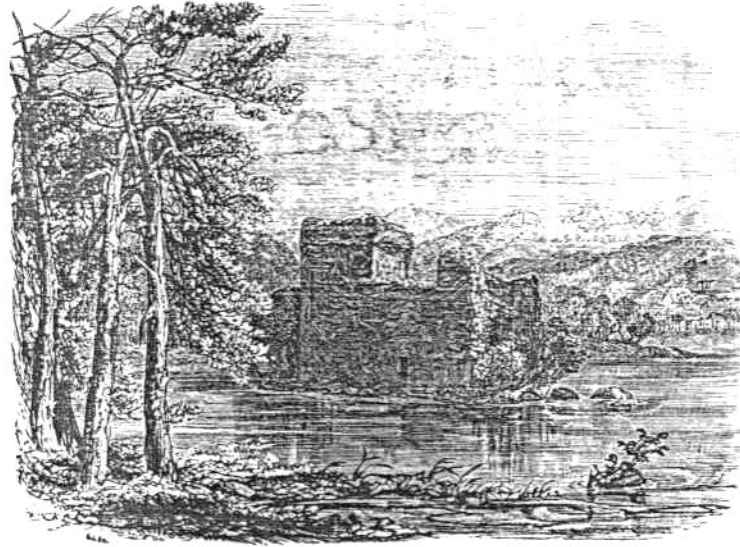
NMRS: NH80NE 1.



Above: Loch an Eilean, detail from OS 1:10,000.



Above left: detail of loch bed around Loch an Eilean Castle M&P 1903. Above right: Loch an Eilean Castle, Shelley 2005.



Loch-an-Eilan, Ross-shire.

XXVII

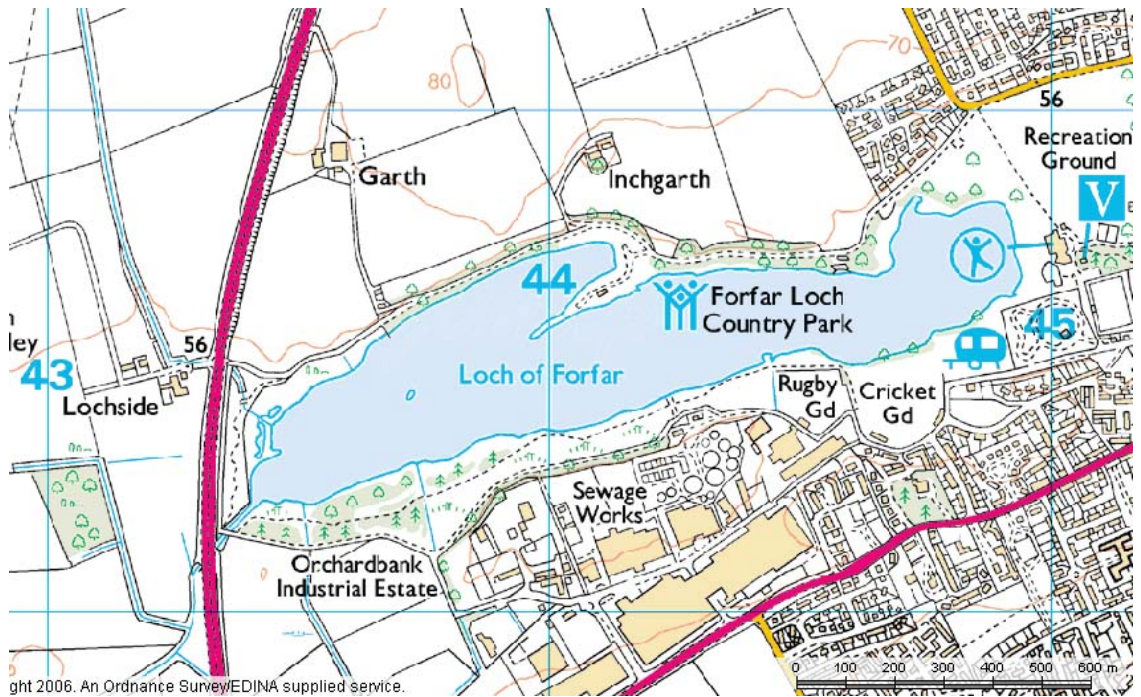
Above: sketch of Loch an Eilean Castle, Francis Groome, Plate XXVII, Gazetteer of Scotland, pre-1810, from Bryce 1987.

Loch of Forfar

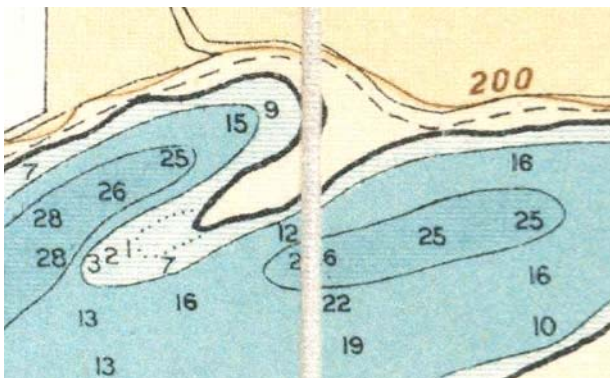
Name: St Margaret's Inch.

Location: NO 4412 5063.

NMRS: NO45SW 12.00.



Above: St Margaret's Inch, now a peninsular from detail of OS map 1:10,000.



Above: detail from bathymetric survey M&P 1903.



Above: detail from Roy military survey map of the mid-eighteenth century showing St Margaret's and second island which may be shown by Pont and would now be on land (Scran).



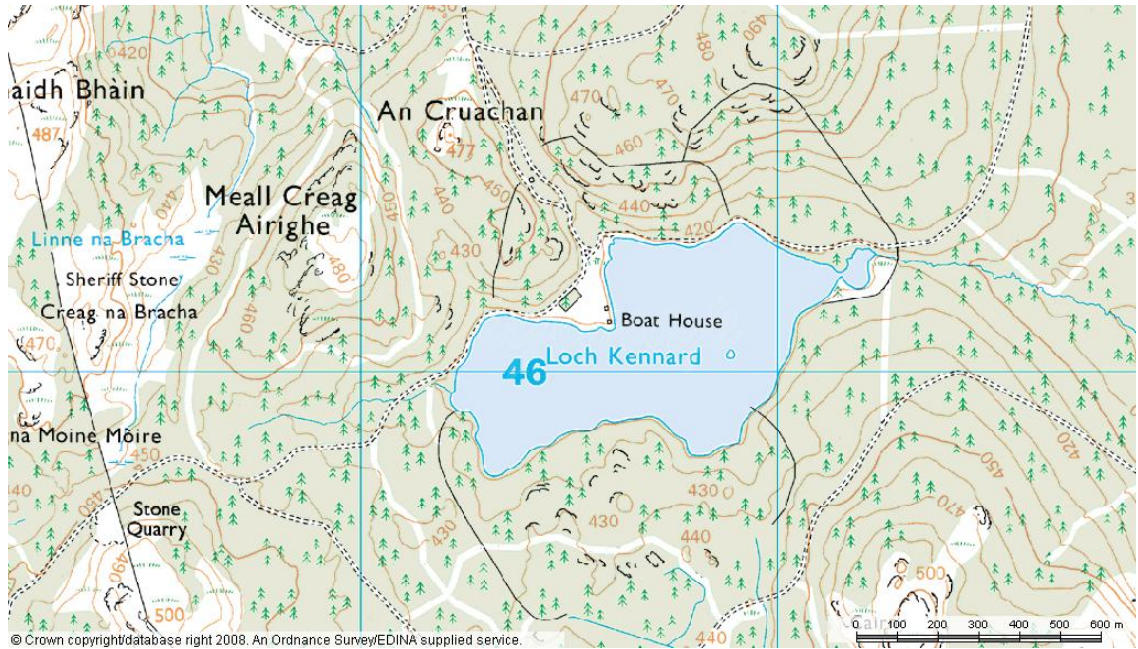
Above: St Margaret's Inch. Lithograph by J S Paterson (Scran).

Loch Kennard

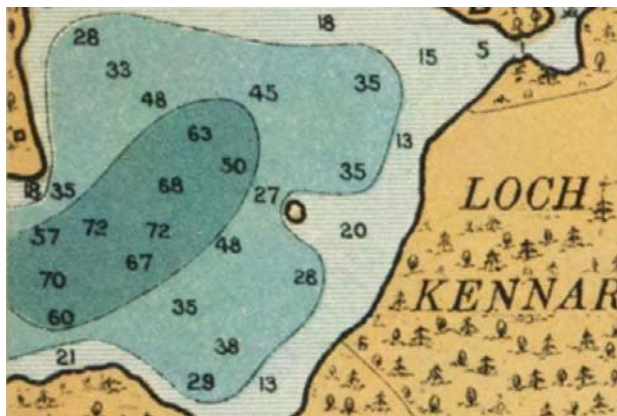
Name: None known.

Location: NN 9089 4605.

NMRS: NN94NW 1.

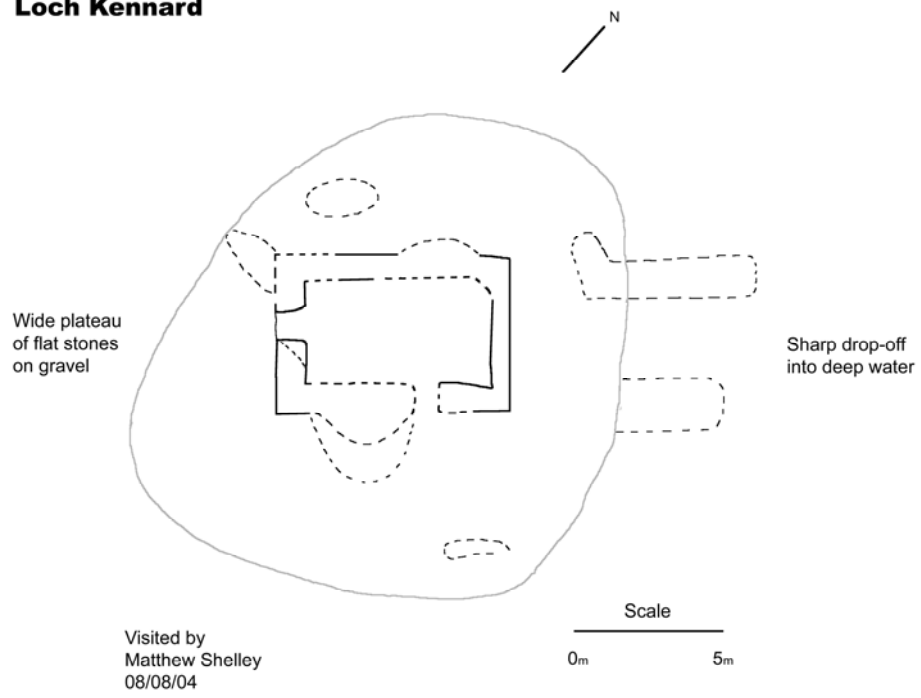


Above: Loch Kennard and island from OS at 1:10,000



Above: The island in Loch Kennard and surrounding loch bed from the M&P bathymetric survey of 1903.

Loch Kennard



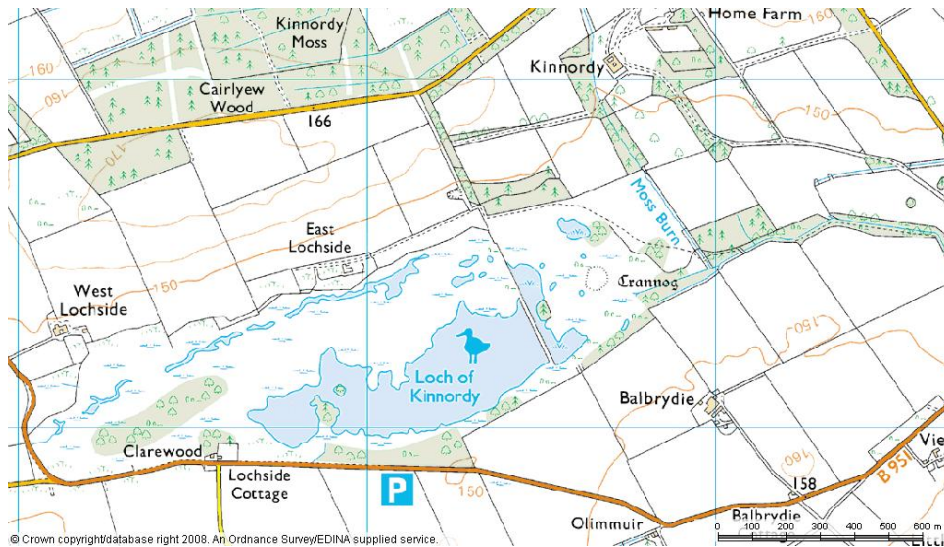
Above: Loch Kennard survey

Loch of Kinnordy

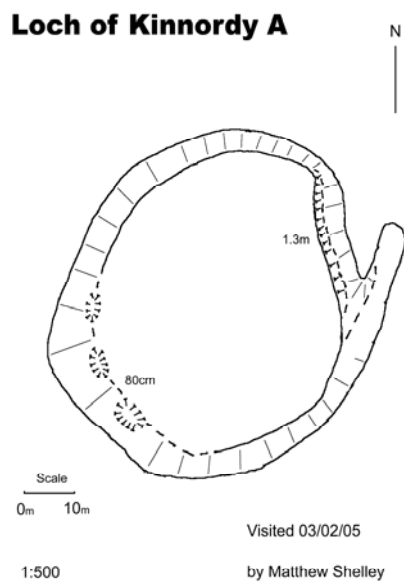
Name: None known.

Location: NO 3665 5442.

NMRS: NO35SE 7.



Above: Loch of Kinnordy, detail from OS at 1:10,000 with AI shown on dry land.



Left: AI at the Loch of Kinnordy survey by Shellev.

Lochleven

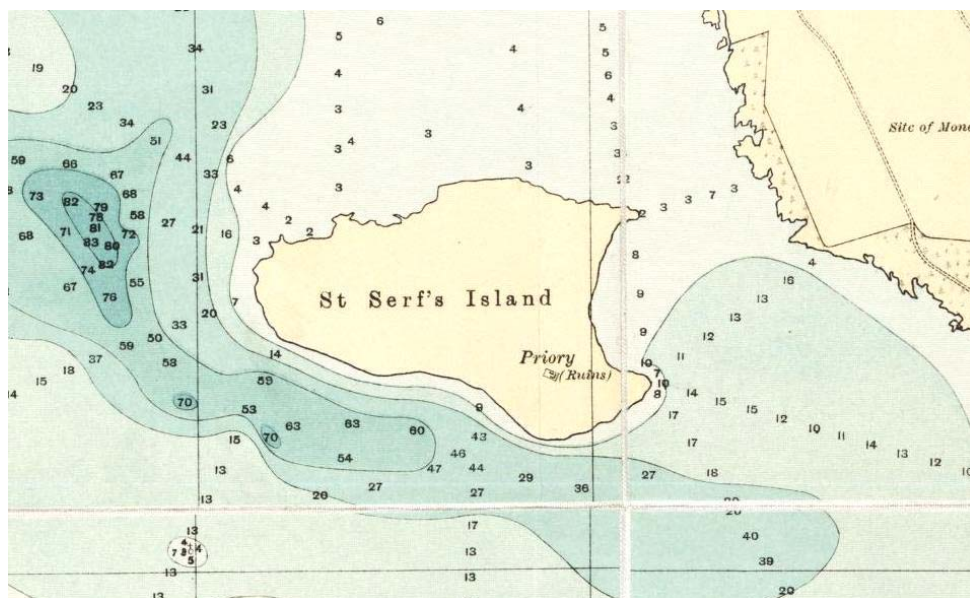
Name: St Serf's Priory.

Location: NO 1615 0026.

NMRS: NO10SE 3.



Above: St Serf's Island, Lochleven, detail from OS 1:10,000.



Above: St Serf's Island, detail from bathymetric survey M&P 1900.



Left: Chapel in 1789, after roof collapse (Scran).

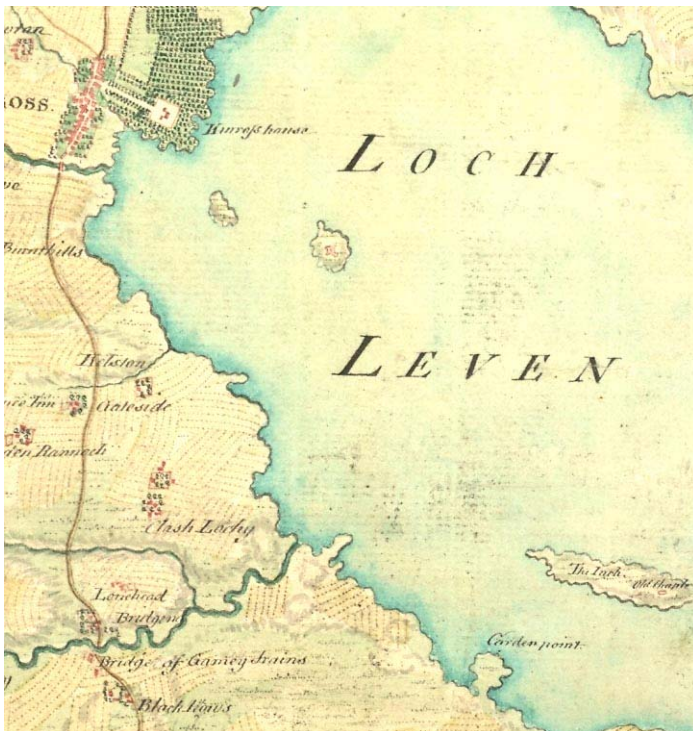


South elevation

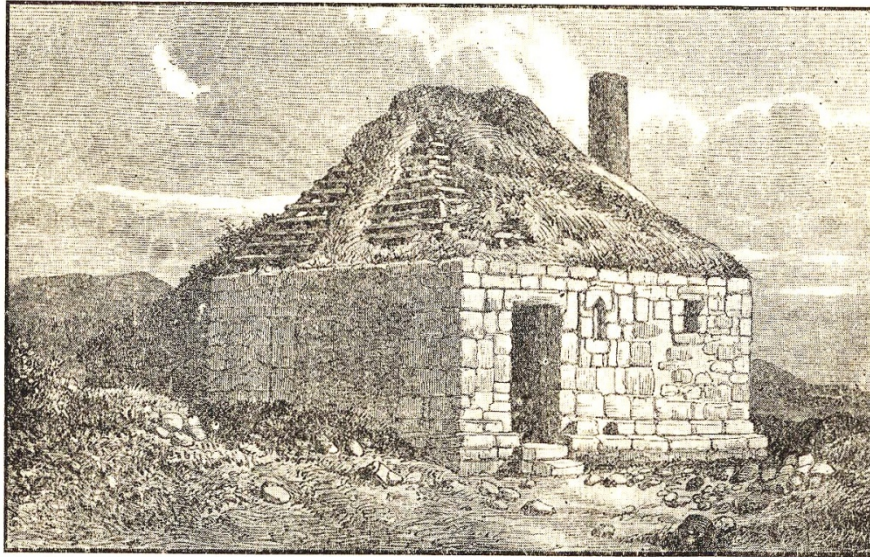


West elevation

Left: chapel elevations after PSAS, 1881-2, Vol. 16, 165, fig 2).



Left: Roy survey map 1747-55 shows old chapel (Scran).



THE CHAPEL ON ST. SERF'S ISLAND, LOCH LEVEN.

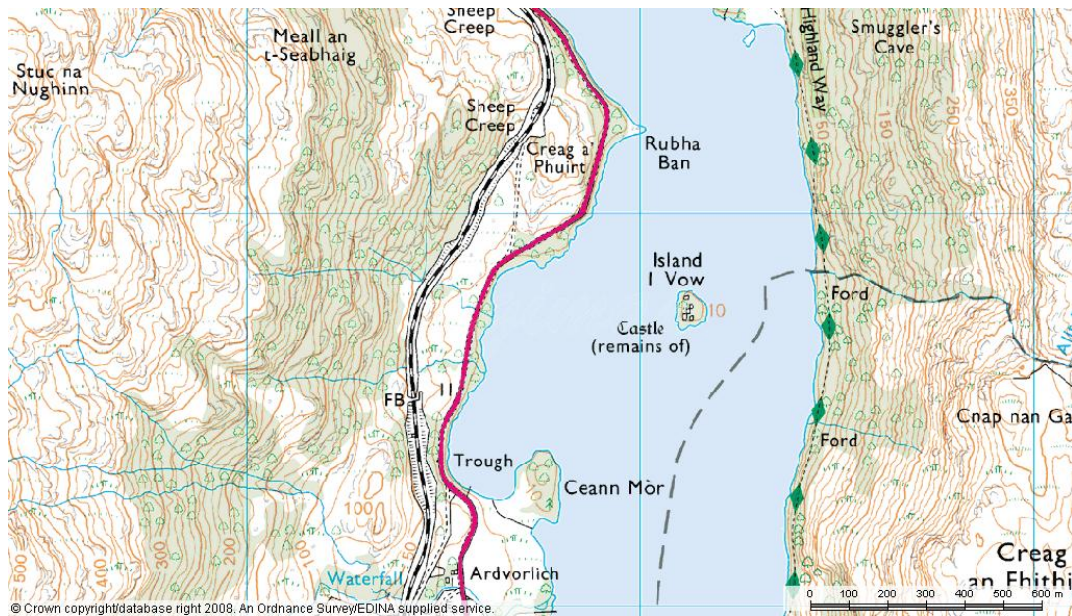
Above: the chapel, from drawing by James Drummond, after adaptation into a shepherd's bothy (PSAS, 1881-2, Vol 16, 164, fig 1).

Loch Lomond

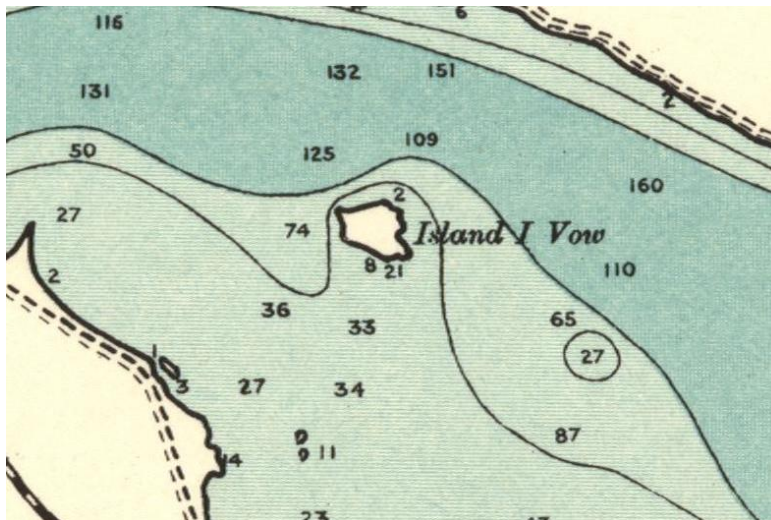
Name: Eilean na Vow

Location: NN 3314 1272.

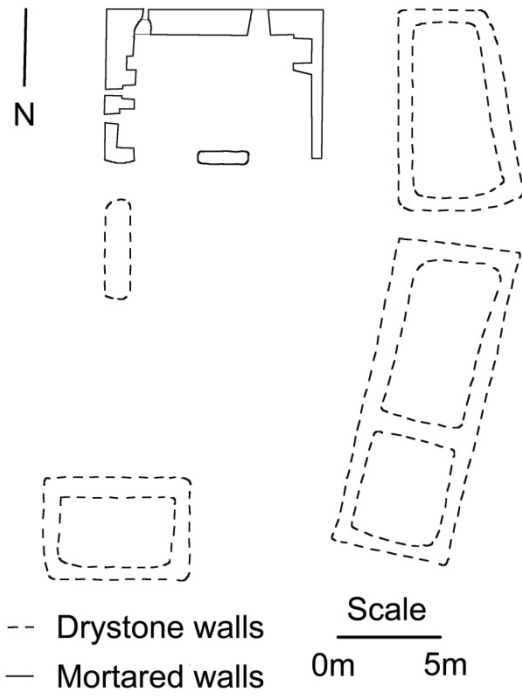
NMRS: NN31SW 2.



Above: Eilean na Vow, detail from OS at 1:10,000



Above: Eilean na Vow and surrounding loch bed from M&P bathymetric survey of 1903.



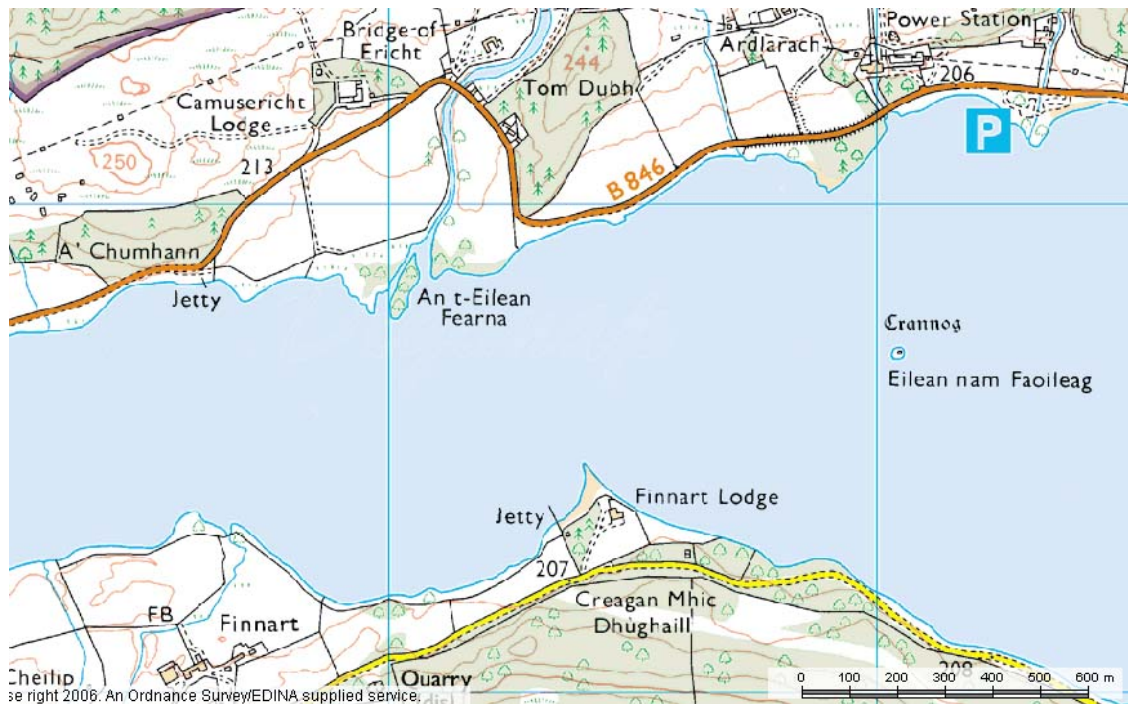
Left: relative position of structures on Eilean na Vow, Shelley 2005.

Loch Rannoch

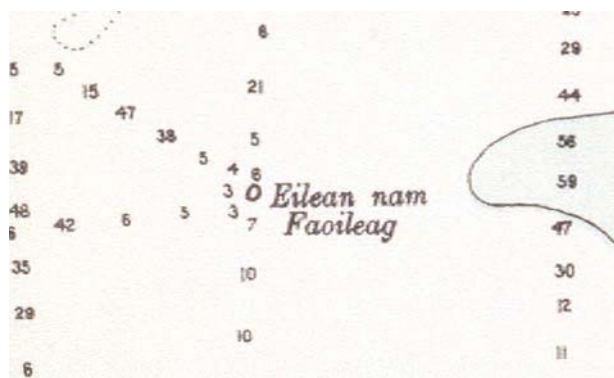
Name: Eilean nam Faileag.

Location: NN 5304 5769.

NMRS: NN55NW 3.



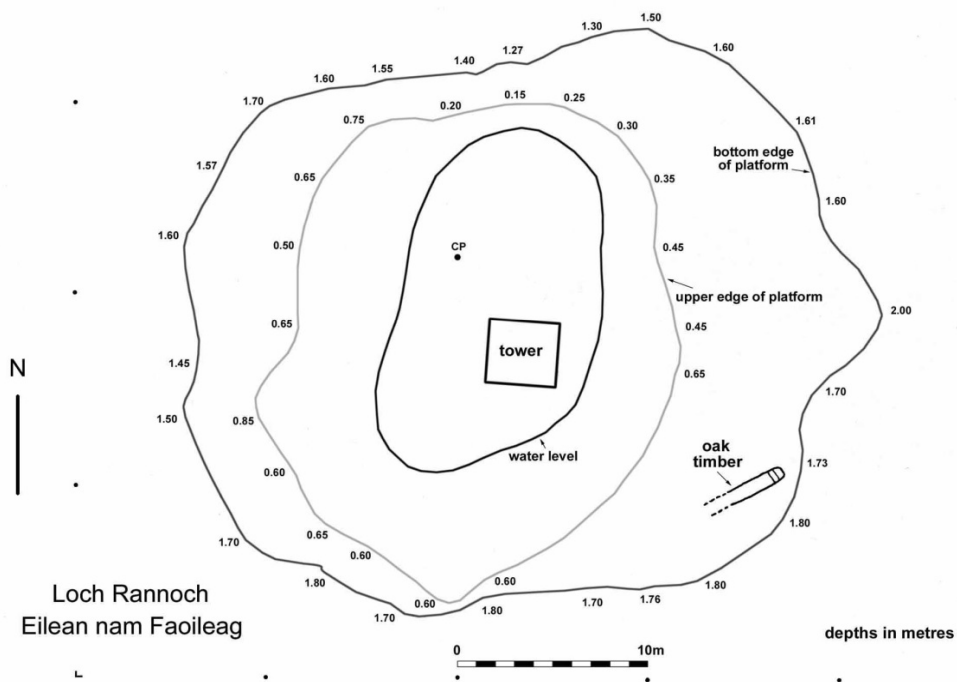
Above: detail of OS map showing Eilean nam Faileag on Loch Rannoch at 1:10,000.



Above: detail of Eilean nam Faileag and surrounding loch bed from bathymetric survey M&P 1902.



Above: the nineteenth century tower (background left) built on Eilean nam Faoleag, Loch Rannoch seen in c.1855 (Scran).



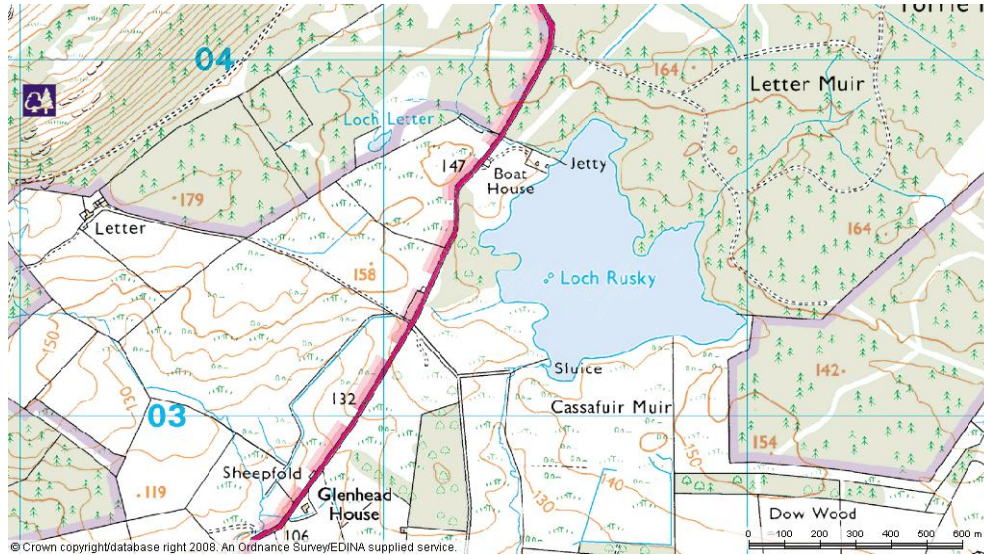
Above: Survey of Eilean nam Faoleag by Dixon and Shelley 2004.

Loch Rusky

Name: Rusky Castle.

Location: NN 6144 0338.

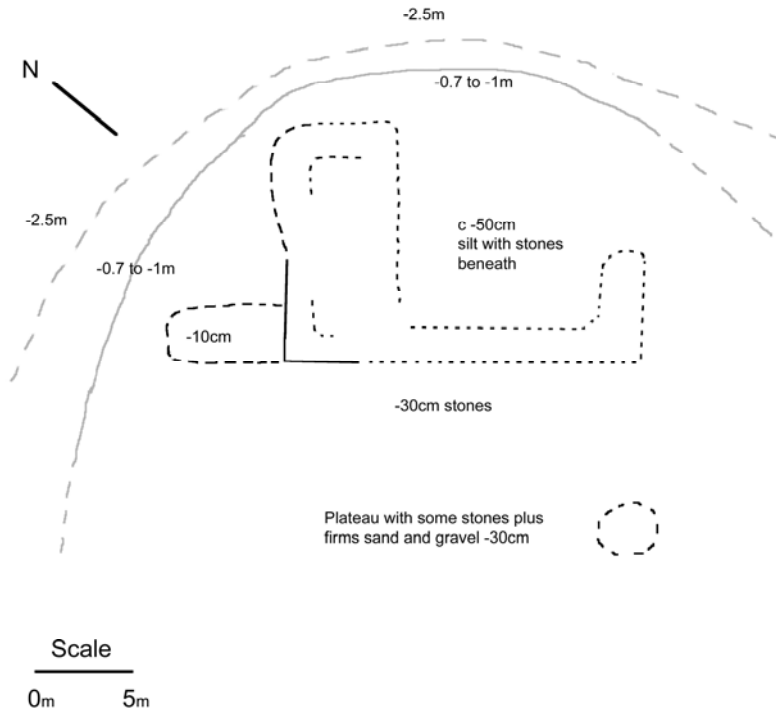
NMRS: NN60SW 7.



Above: detail from OS map showing Loch Rusky and its island at 1:10,000.

Loch Rusky

Visited by
Matthew Shelley
09/08/04



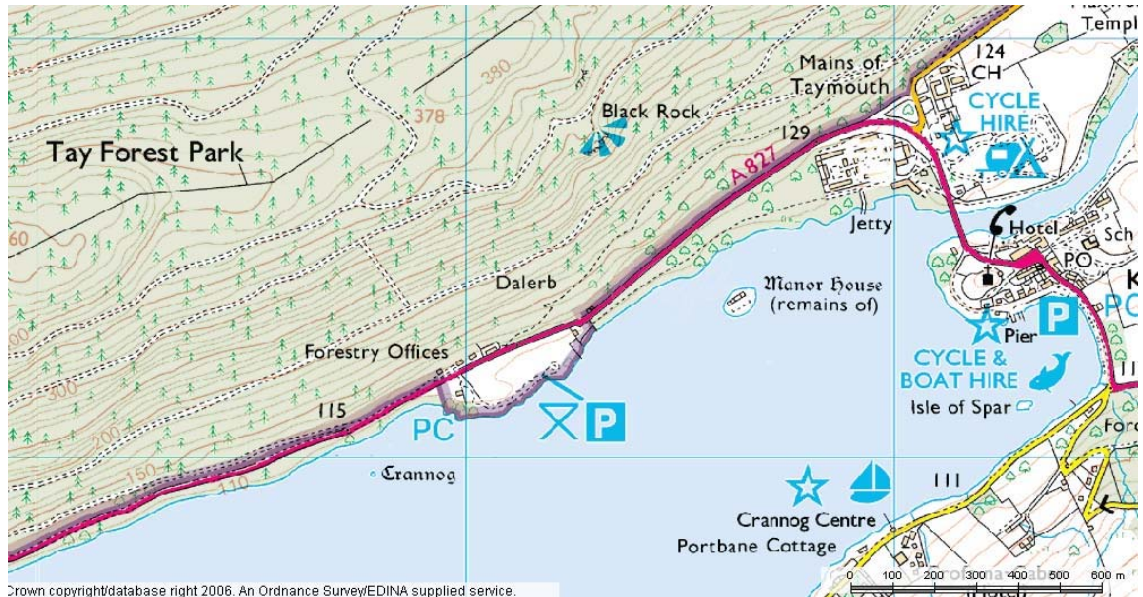
Above: survey by Shelley

Loch Tay

Name: Priory Island.

Location: NN 7663 4537.

NMRS: NN74NE 5.



Above: the Isle of Loch Tay, detail on OS map at 1:10,000.



Above: Priory Island in Loch Tay and surrounding loch bed from bathymetric survey M&P 1902.



Above: sketch probably by George Henry Hutton, 1820 (Scran).



Above: sketch, possibly by George Henry Hutton, from 1789, and jetty from old port area (Scran).



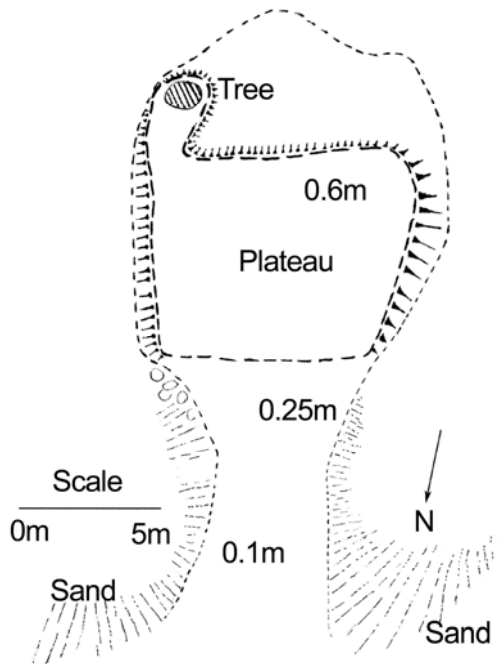
Above: sketch, possibly by George Henry Hutton, from 1789, may show remains of roofed structure to the left at the rear (Scran).



Above: steelplate engraving by G Hollis from a drawing by G F Robson (Scran).

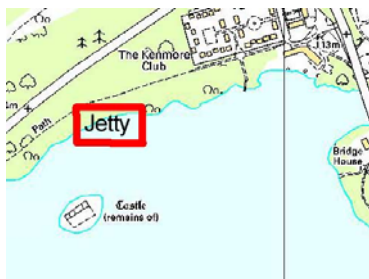
A survey of the shoreside area on June 19, 2003, revealed the remains of a jetty of indeterminate age in an area corresponding to the possible location of the settlement of the Port of Loch Tay. Detail from Pont 18, may suggest a location further east.

The Jetty projected towards the eastern end of Priory Island and consisted of a rectilinear upper plateau of stones and small boulders, partly bound together by tree roots and a lower muddy causeway leading to a sandy b



Above: detail from Pont 18 showing Priory Island and Port settlement (NLS)

Above: jetty at the Port of Loch Tay, surveyed by Shelley, 2003.



Left: area where jetty was located in 2003 survey, OS 1:5,000.

Loch Tulla

Name: Eilean an Stalcair.

Location: NN 2904 4253.

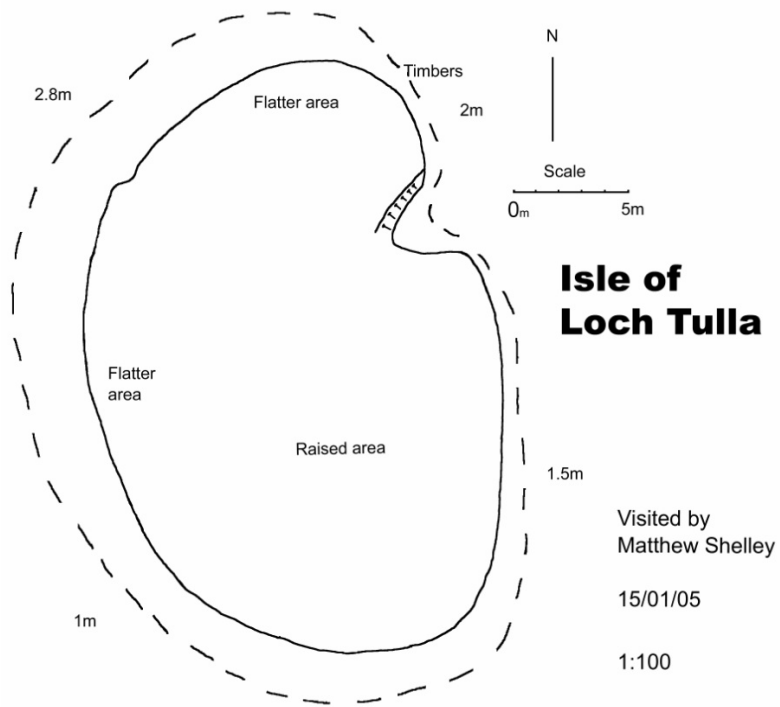
NMRS: NN24SE 1.



Above: Eilean an Stalcair shown by OS at 1:10,000.



Above: Eilean an Stalcair and the surrounding loch bed from M&P bathymetric survey of 1903.



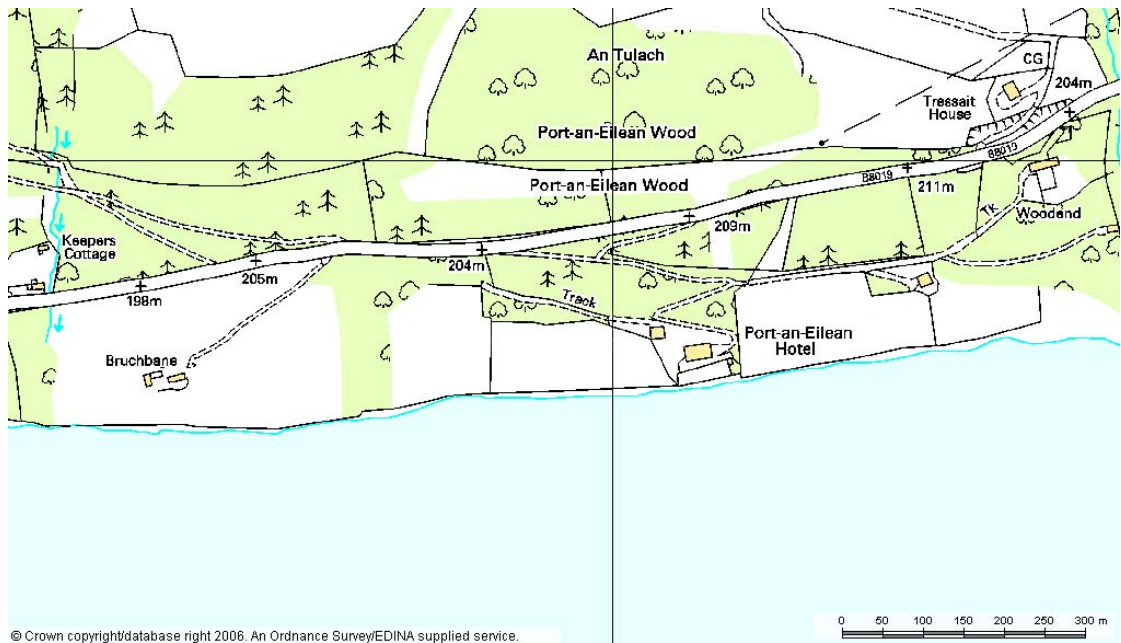
Above: survey by Shelley.

Loch Tummel

Name: An T-Eilean.

Location: NN 8119 5962.

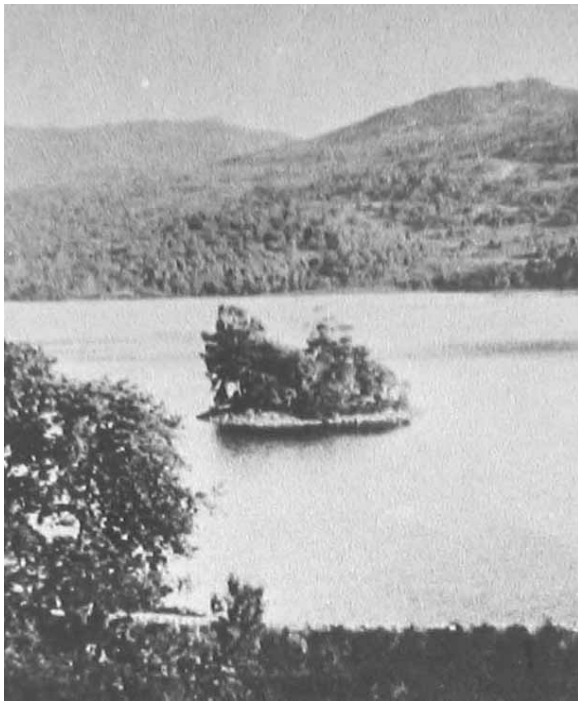
NMRS: NN85NW 1.



Above: port area close to the now-submerged An T-Eilean, Loch Tummel, OS detail 1:10,000.



Above: detail from bathymetric survey M&P 1902 before the loch level was raised.



Left: An T-Eilean before the loch level was raised, probably nineteenth century, picture courtesy of Mr Halliwell.

Below: Port an Eilean House before the raising of the loch, Mr Halliwell.

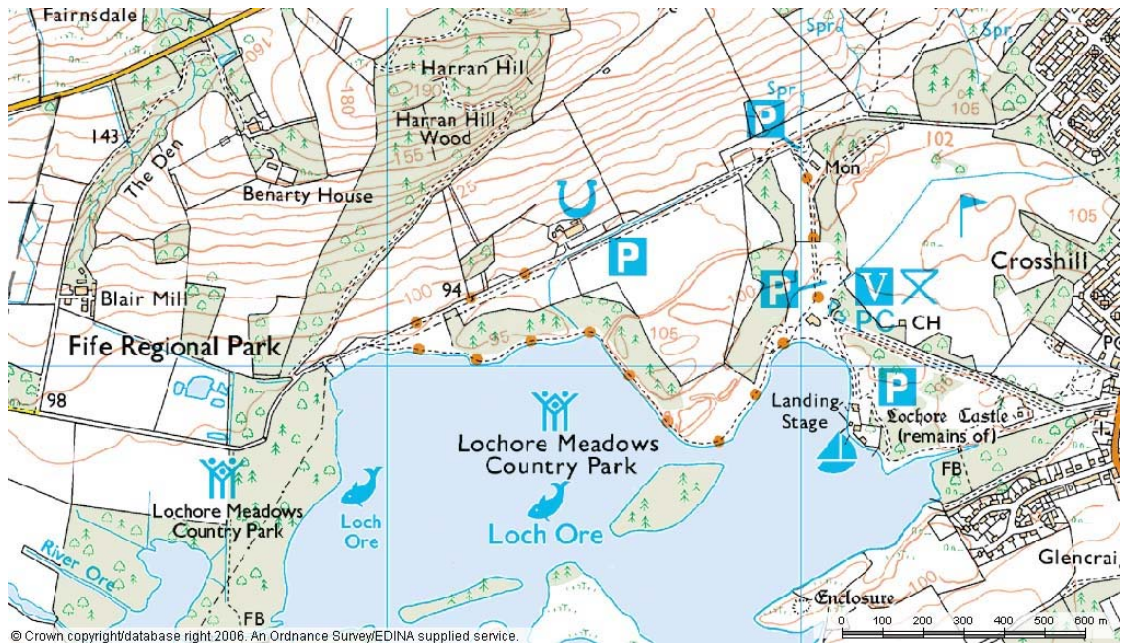


Lochore

Name: Inchgall Castle.

Location: NT 1753 9588.

NMRS: NT19NE 1.



Above: Lochore detail from OS 1:10,000, the castle is now on land.



Above: sketch of Lochore Castle in 1781 before it became landlocked, possibly by George Henry Hutton (Scran).

Loch Venachar

Name: Isle of Loch Venachar.

Location: NN 5925 0615.

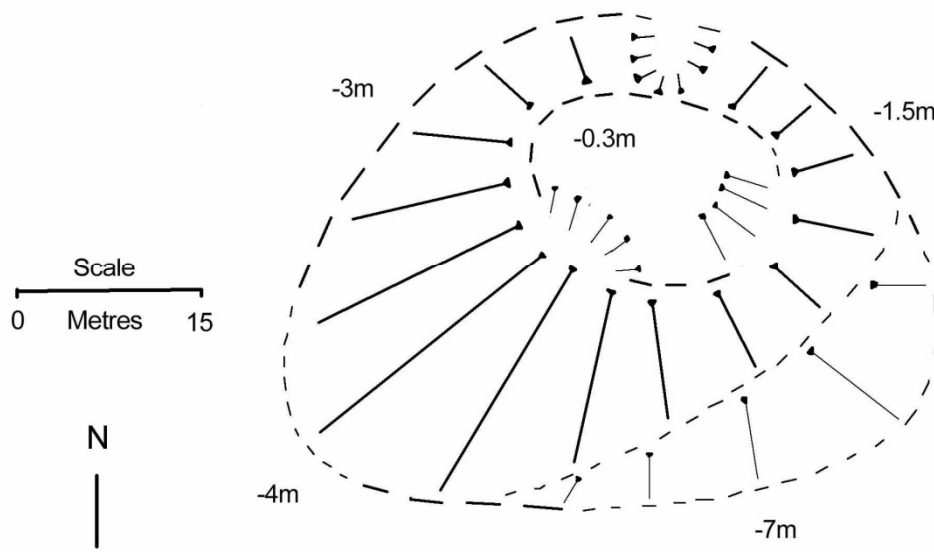
NMRS: NN50NE 2.



Above: the Isle of Loch Venachar, detail from OS map at 1:10,000.



Above: detail from M&P bathymetric survey of 1899.



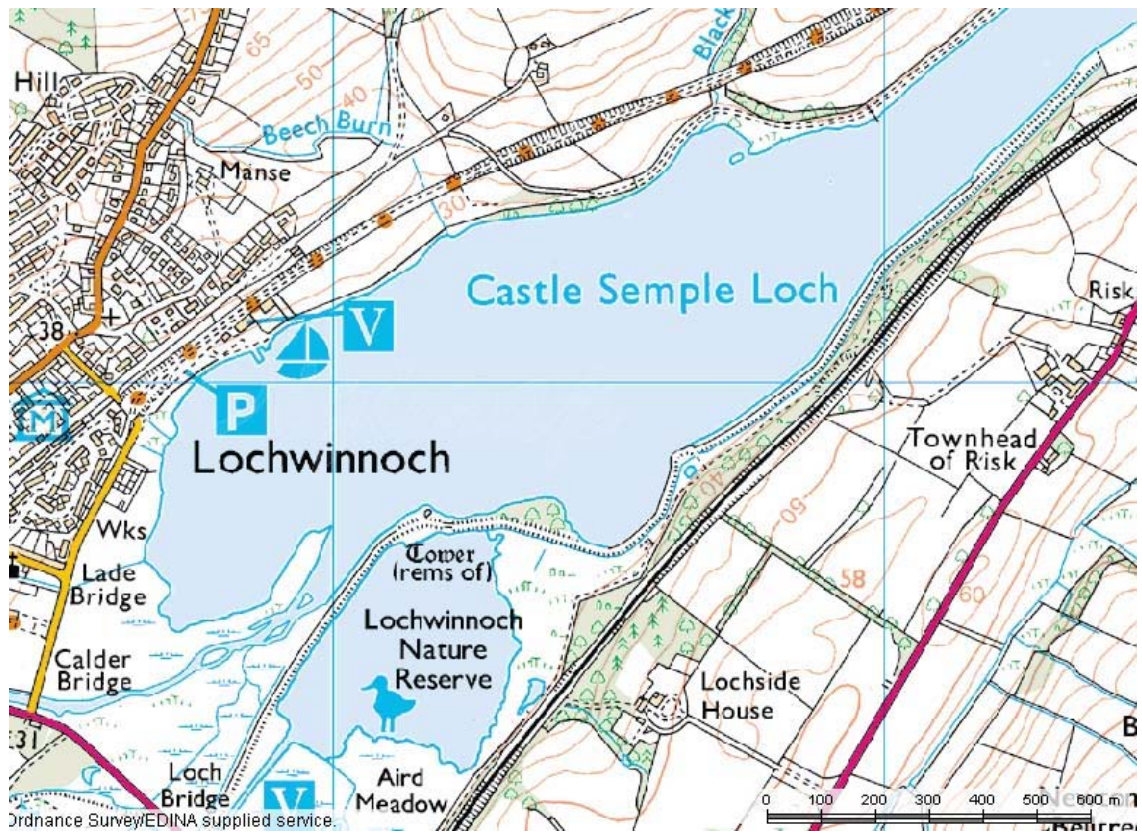
Above: underwater survey by Shelley 2005 showing the base of the island and its upper plateau.

Lochwinnoch

Name: Peel of Loch Winnoch.

Location: NS 3616 5876.

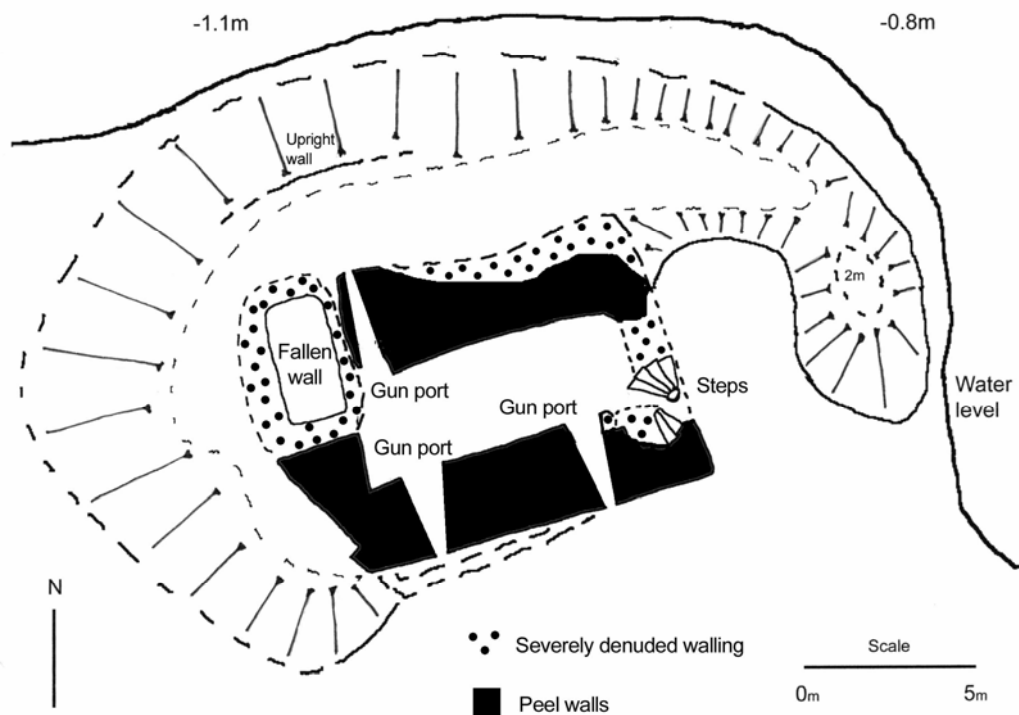
NMRS: NS35NE 6.



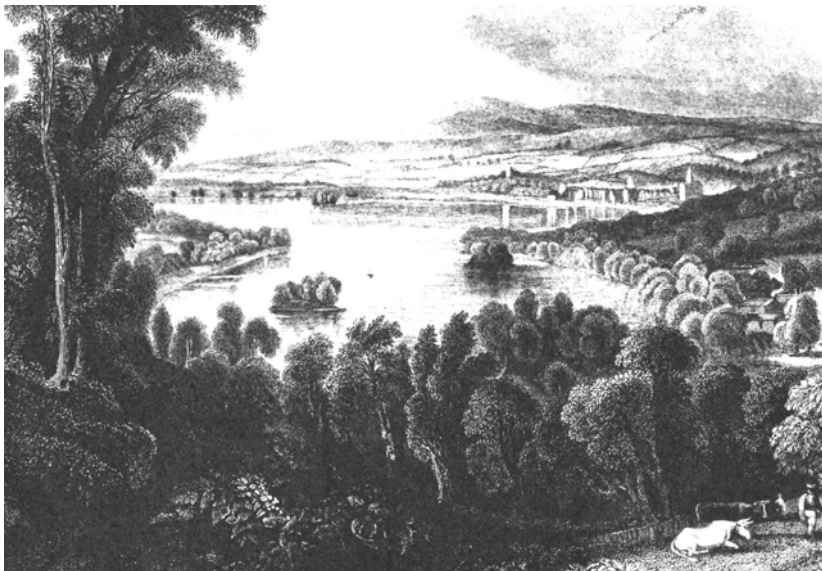
Above: Lochwinnoch OS 1:10,000 with the remains of the peel now linked to land.



Left: The peel from east, with gun port visible, Shelley 2005.



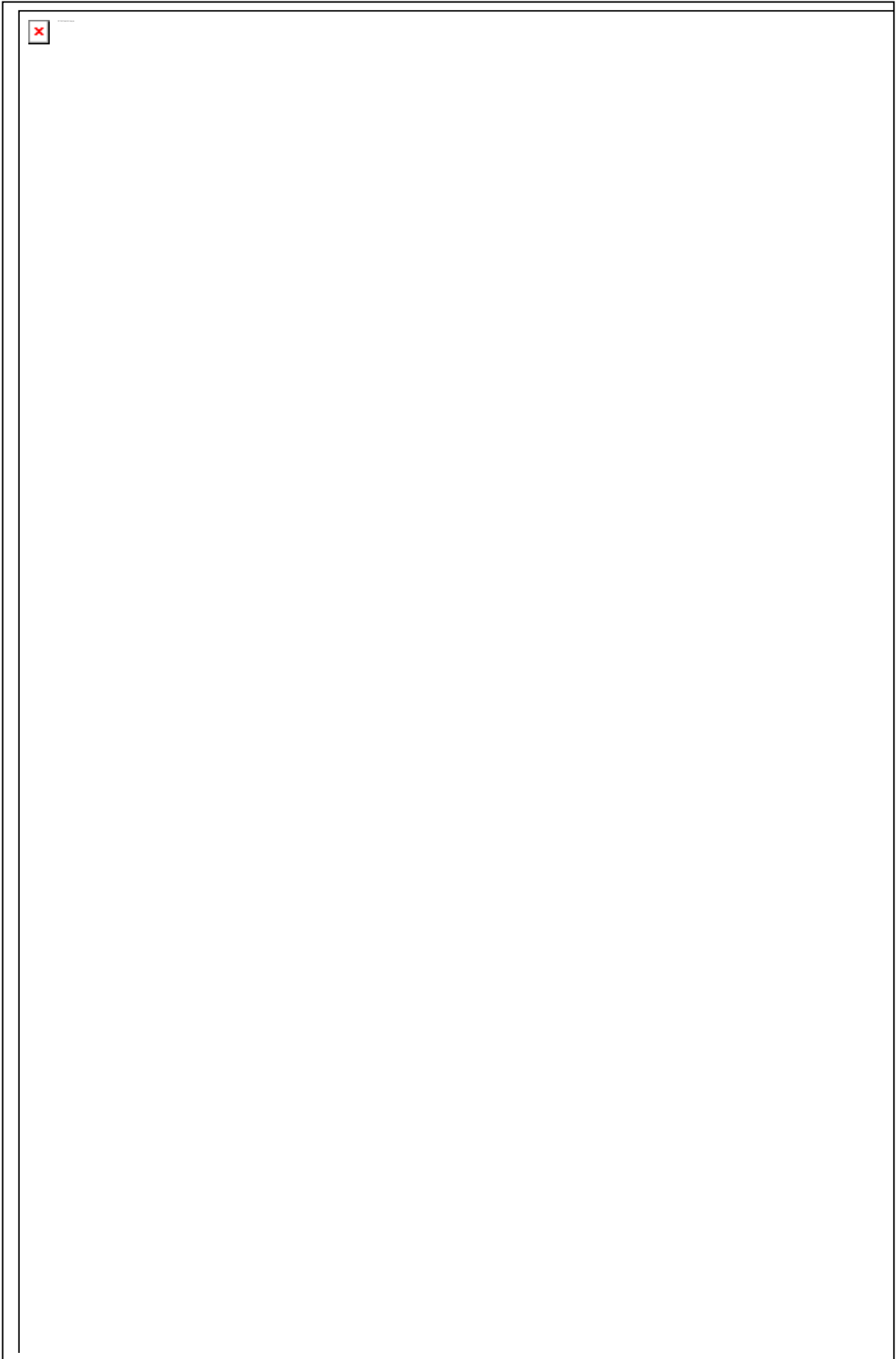
Above: survey of the Peel of Lochwinnoch and island by Shelley 2005.



Above: Lochwinnoch with peel and island in background. Fleming and Swan nineteenth century (Scran).

Appendix 4: Distribution maps

This appendix contains distribution maps and accompanying data on the nature of the depictions for the Pont, Gordon and Blaeu maps. It also contains a table showing the sources of information for the loch settlements discussed in this thesis.



Settlements on the Pont manuscript maps

Loch	Map	Buildings	Storeys shown
01) Baikie Loch	26	S	M
Baikie Loch	29	C/M	M
02) Acharydigill	2(1)	S	S
03) Ardbhair (A)	4(7)	S	S
04) Ardbhair (B)	4(7)	M	S
05) Assynt (A)	4(7)	S	S
06) Assynt (B)	4(7)	S	S
07) Awe. Inchdarrach	14	M	S
08) Awe. Inishail	14	S	S
09) Awe. Innis Chonnell	14	S	M
10) Awe. Kilchurn	14	C/M	M
11) Awe. (Inchdreying?)	14	M	S
12) Balnakill	2(1)	S	S
13) Beanie	27	C	-
14) Borralie	1	S	S
Borralie	2(1)	M	S
15) Chleibhe	2(1)	S	S
16) Clunie	23(2)	S	M
17) Dubh	14	S	S
18) nan Ealachan	3(1)	C/M	M
19) Earn	21(2)	M	S
20) of Forfar (A)	26	C	-
21) of Forfar (B)	26	C	M
of Forfar (A)	29	C/M	M
of Forfar (B)	29	S	S
22) Gaineanhach?	15	S	S
23) Garry (A)	5	S	S
24) of Kinnordy	29	S	S
25) Leathen	15	C	-
26) Lomond. Buckinch	17	S	S
27) Lomond. Inchfad	17	S	S
28) Lomond. Inch'braith	17	M	M
29) Lomond. Inchlonaig	17	S	S
30) Lomond. Inveruglas	17	S	S
31) Lomond. Tarbet	17	M	M
32) Lomond. na Vow	17	M	M

33) Loyal (A)	2(1)	C	S
34) Lundavra	13	M	S
35) L Lundie	5	S	S
36) Maree	4(5)	M	S
Maree	4(6)	C/M	S
37) Moy	8	M	S
38) Monnairr	2(1)	S	S
39) Ness	5	C	S
40) Oich (A)	5	S	S
41) Oich (B)	5	S	S
42) Oich (C)	5	S	S
43) Quoich	5	S	S
44) Rannoch (A)	23(1)	C	S
45) Shin	3(2)	S	S
46) Stack	3(1)	S	S
47) Tarff	5	C/M	S
48) Tay (A)	18	C	-
49) Tummel	23(1)	S	S
50) Unapool	4(7)	S	S
51) Lochindorb	6(1)	C	-
Lochindorb	8	C/M	S
52) Lochwinnoch	33	S	M
53) Unnamed	4(7)	S	S

Possibles

I) of Cossans	26
II) of Drumellie	23(2)
III) Garry (B)	5
IV) Loyal (B)	2(1)
V) Meadie	2(1)
VI) Naver	2(1)
VII) Oich (D)	5
VIII) Loch Tay (B)	18
IX) Long Loch (A)	26
X) Long Loch (B)	26

Marginal cases (not on map)

Linlithgow Loch, 36(v); Assynt (C), 4(7); Lomond. Felt, 17; Rannoch (B); 23(1); Loch of Rescobie, 26.

Key:*Buildings column:*

S: single building shown

M: multiple buildings

C: complex depiction where interpretation may be problematic.

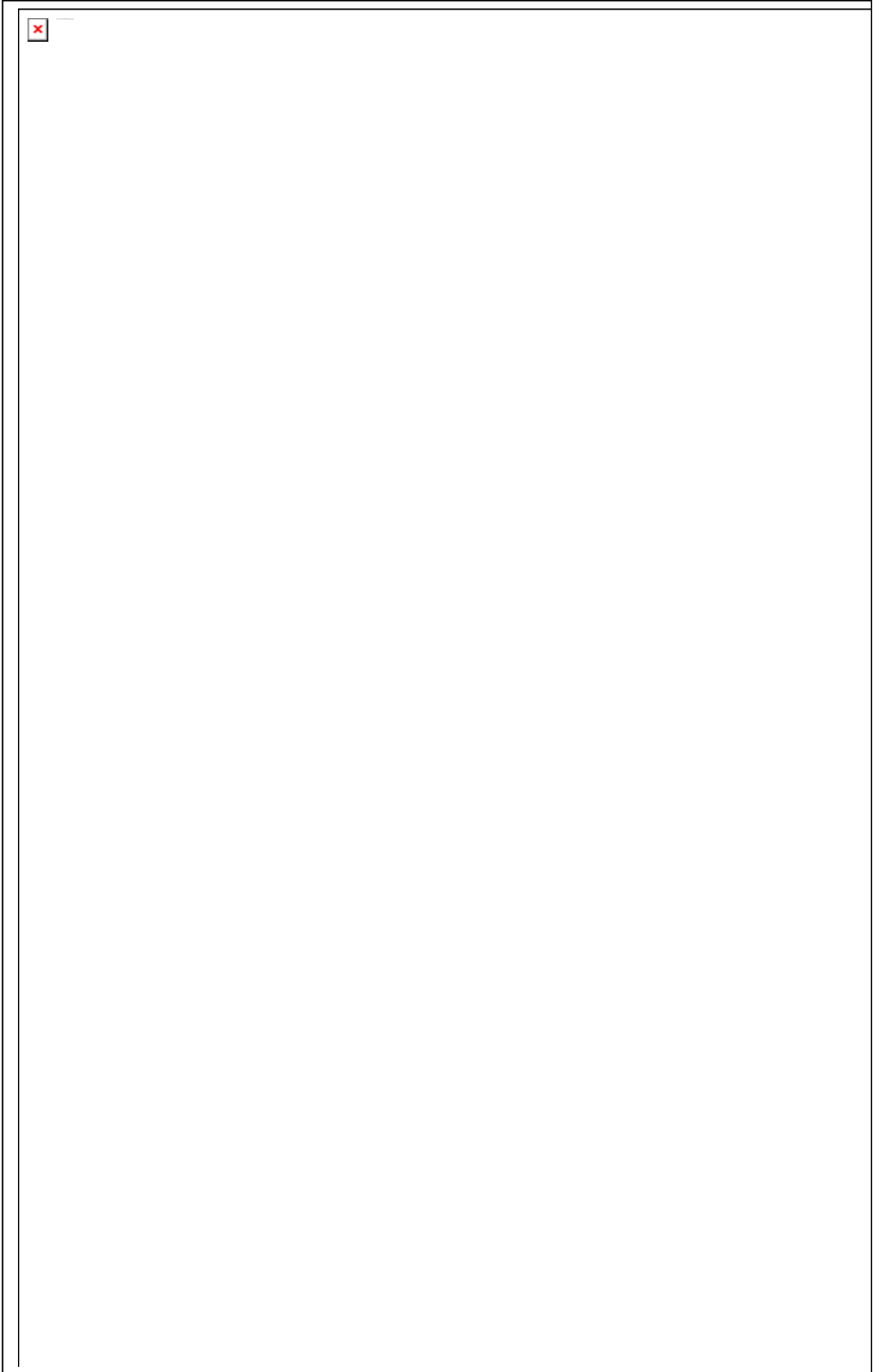
Storeys shown:

Judged by whether there is a vertical array of windows.

S: single

M: multiple.

- Note: Some Pont maps were previously attributed to Gordon and continue to be referred to with a G prefix.



Loch settlements on the Gordon manuscript maps

Loch	Map	SC	Tower/s	Roof
01) Baikie Loch	42	Y	1	FL
02) Lake of Menteith (A)	6	Y	1	F
Lake of Menteith (A)	51	Y	1	FL
03) Lake of Menteith (B)	6	Y	0	-
Lake of Menteith (B)	51	Y	1	F
04) Achall	14	Y	1	F
05) Alterwall	9	N	1	FL
06) Ardbhair A	12	Y	0	F
07) Ardbhair B	12	Y	1	F
08) Assynt (Assynt)	12	Y	1	FL
09) Assynt (Skadden)	12	Y	1	F
10) Beanie	6	Y	1	F
Beanie	43	N	1	FL
11) Brora	3	Y	1	F
Brora	10	Y	1	FL
12) Chroisk	3	Y	1	FL
13) Clunie	6	Y	0	-
Clunie	41	Y	1	FL
14) Doon A	60	Y	1	F
15) Doon B	60	Y	1	F
16) an Eilean	5	Y	1	F
17) of Forfar A	42	Y	1	F
18) of Forfar B	42	Y	1	F
19) Leven (castle)	2	Y	1	F
Leven (castle)	6	Y	1	FL
Leven (castle)	48	Y	1	FL
Leven (castle)	52	Y	1+bg	FL
Leven (castle)	53	?	1	FL
20) Leven (St Serf's)	6	N	Rectangle	F
Leven (St Serf's)	52	?	1	F
Leven (St Serf's)	53	Y	1	F
21) Lomond. Y na Vow	48	Y	N	?
22) Lomond. Tarbet	48	Y	1	FL
23) Lundie	25	Y	1	FL
24) Maree (Craoibhe)	13	N	Rectangle	FL
25) Moy	5	Y	1	F?
Moy	25	?	?	?

26) Ruthven	5	Y	1	F
Ruthven	25	Y	1	F
27) Shin	12	Y	1	FL
28) Stack	11	Y	1	FL
29) Tay (Priory Island)	2	Y	1	F
Tay (Priory Island)	6	?	1	F?
Tay (Priory Island)	40	?	2	FL, F
Tay (Priory Island)	48	Y	1	FL
30) Unapool	12	Y	1	FL
31) Lochindorb	5	Y	1	F
Lochindorb	25	N	?	?
32) Lochmaben	61	?	1	FL
33) Lochore	48	Y	1	FL
Lochore	53	?	2	FL, FL
34) Lochwinnoch	55	N	1+bg	FL
Lochwinnoch	59	Y	1	FL
35) Long? Loch	42	Y	1	F
36) Unnamed	12	Y	1	FL

Key:

SC (settlement circle) column:

Y yes

N no

? unclear

Tower/s column:

Number shown

+bg small side building

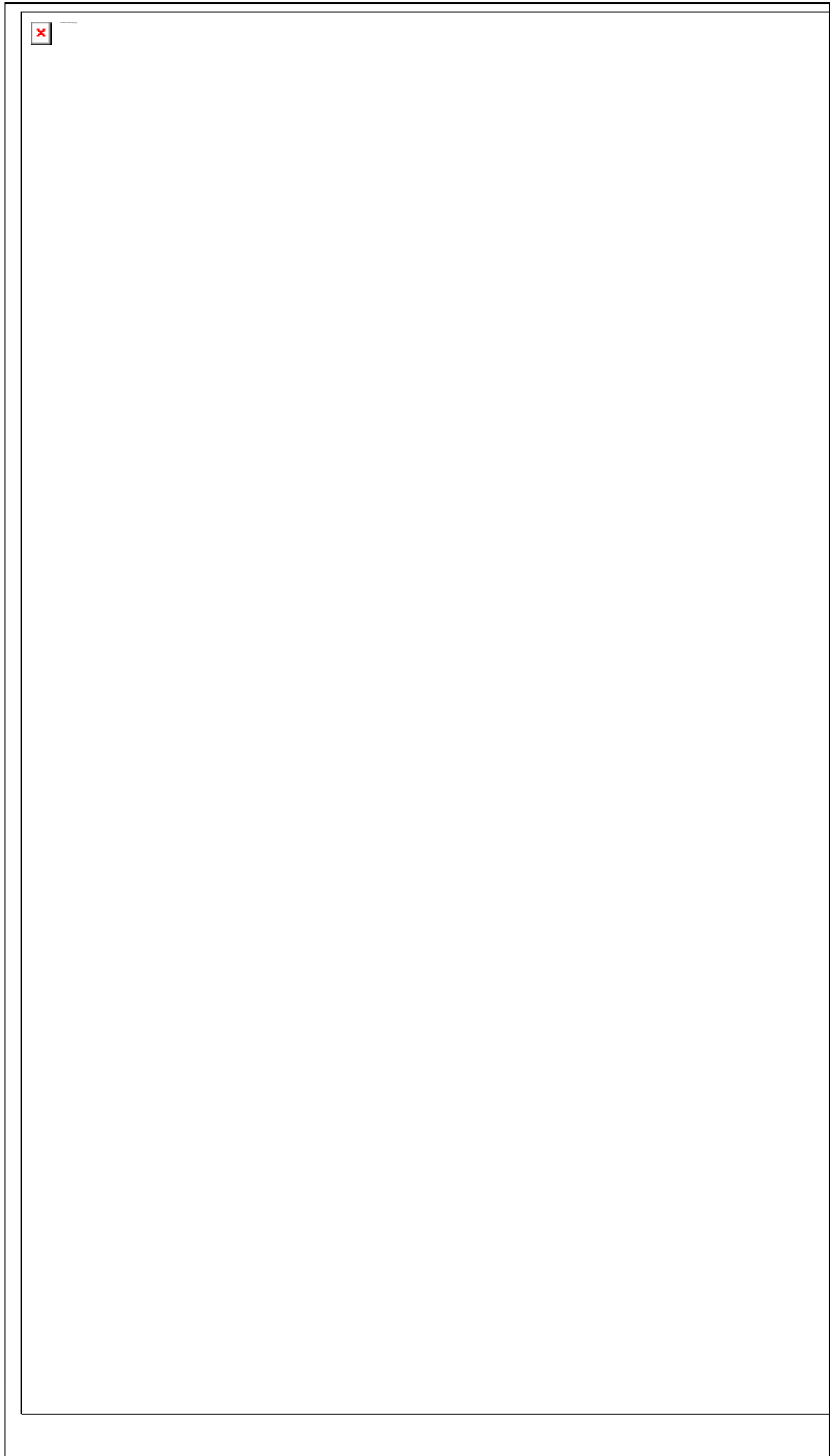
Roof:

F flat

FL flat and vertical line

- none shown

? unclear



Loch settlements on the 1654 Blaeu atlas maps

01) Lake of Menteith (A)	Dunbarton	Y	1+	FL
02) Lake of Menteith (B)	Dunbarton	Y	1+	PL
03) Alterwall	Caithness	N	1	F
04) Assynt	Hebrides	Y	0	-
05) Awe. Innis Chonnel	K'dom of Scotland	Y	0	-
Awe. Innis Chonnel	Hebrides	Y	0	-
06) Awe. Kilchurn	K'dom of Scotland	Y	0	-
07) Baile Mhic Chalein	Firth of Lorn	Y	1	FL
08) a' Baillidh/Tangy	Knapdale	N	1	PL
09) Bradan	Mid Ayrshire	N	1	PL
10) Brora	K'dom of Scotland	Y	0	-
Brora	Northern Scotland	Y	0	-
Brora	SE Sutherland	Y	1+	P
11) a' Chroisk	Northern Scotland	Y	1	FL
12) Clunie	Central Highlands	Y	0	-
13) an Daimh	Firth of Lorn	N	1	FL
an Daimh	Jura	N	1	FL
14) Doon (A)	K'dom of Scotland	Y	0	-
Doon (A)	Mid Ayrshire	N	1+	PL
15) Doon (B)	Wigtownshire	Y	1+	FL
16) Dornal	Mid Ayrshire	N	1	F
17) Drumellie	Central Highlands	Y	0	-
18) an Eilean	Central Highlands	Y	0	-
19) Kinord	Aberdeenshire	Y	0	-
20) Leven	Fife	N	2	F
Leven	West Fife	Y	3	FL
21) Lomond. Inchcailloch	Dunbarton	Y	0	-
22) Lomond. Inchconnachan (A)	Dunbarton	Y	0	-
Lomond. Inchconnachan (B)	Dunbarton	Y	0	-
Lomond. Inchconnachan (C)	Dunbarton	Y	0	-
23) Lomond. Inchlonaig	Dunbarton	Y	0	-
24) Lomond. Inchmoan	Dunbarton	Y	0	-
25) Lomond. Inchmurrin (A)	Dunbarton	Y	1+	FL
Lomond. Inchmurrin (B)	Dunbarton	Y	0	-
Lomond. Inchmurrin (C)	Dunbarton	Y	0	-
Lomond. Inchmurrin (D)	Dunbarton	Y	0	-
26) Lomond. Inchtavannach (A)	Dunbarton	Y	1+	F
Lomond. Inchtavannach (B)	Dunbarton	Y	1+	FL

27) Maberry	Wigtownshire	Y	0	-	
28) Martnaham	Kyle		Y	0	-
29) Moan	Galloway		Y	0	-
Moan	Wigtownshire	Y	0	-	
30) Moy	Central Highlands		Y	0	-
Moy	K'dom of Scotland		Y	0	-
Moy	Moray and Nairn		Y	1+	FL
Moy	Northern Scotland		Y	1	FL
31) Nell	Firth of Lorn		N	3	FL
Nell	K'dom of Scotland		Y	0	-
32) Ochiltree	Wigtownshire	N	2	F	
33) a' Phearsain	Firth of Lorn		N	1	PL
34) Ruthven	Central Highlands		Y	0	-
Ruthven	Moray and Nairn		Y	1+	PL
Ruthven	Northern Scotland		Y	0	-
35) Tay	Central Highlands		Y	0	-
Tay	K'dom of Scotland		Y	0	-
36) nan Torran	Knapdale	Y		3	PL
37) Lochindorb	Central Highlands		Y	0	-
Lochindorb	K'dom of Scotland		Y	0	-
Lochindorb	Moray and Nairn		Y	1+	FL
38) Lochore	Fife		Y	1+	FL
Lochore	West Fife		Y	1+	FL
39) Lochwinnoch	Cunningham		N	1	P
Lochwinnoch	Renfrew		N	1	P
40) White Loch/of the Inch	Galloway		Y	0	-

Key

SC (settlement circle) column

Y yes

N no

T (tower) column

Number + indicates additional feature/s

Roofs column

F flat. FL flat and vertical line. **P** pitched. **PL** pitched plus line. PL possibly pitched plus line.

- not shown or unclear.

Sources of information for all loch settlements discussed in this thesis

	Loch name	Island name	Pont	Gordon	Blaeu	TP text	B text	Mercator	Ortelius	Other
1	Baikie Loch		◆◆	◆						❖
2	Cam Loch	Eilean an Tighe?								❖
3	Castle Loch	Castle Island								❖
4	Dowalton	Long Castle								❖
5	Inchaffray							◆	◆	❖
6	Lake of Menteith	Inchmahome		◆◆	◆			◆/Inch Talla		❖
7	Lake of Menteith	Inch Talla		◆◆	◆		◆			❖
8	Loch A'an							◆		
9	Loch Achall			◆						○
10	Loch Acharydigill		◆							
11	Loch Achilty	Eilean Mhielidh?								❖
12	Loch Alterwall			◆	◆					❖
13	Loch Ard	Duke Murdoch's								❖
14	Loch Ard									○
15	Loch Ardbhair		◆	◆						
16	Loch Ardbhair		◆	◆						
17	Loch Arkaig	Island Columbkil				◆				❖
18	Loch Arklet									❖
19	Loch Arthur									❖
20	Loch Assynt	Ylen Assynt	◆	◆						❖
21	Loch Assynt	Ylen Skadden	◆	◆						❖
22	Loch Avich	Innis Luana								❖
23	Loch Awe	Innis Errich								❖
24	Loch Awe	Eilean Fraoch								❖
25	Loch Awe	Inchdarrach	◆							❖
26	Loch Awe	Inishail	◆			◆				❖
27	Loch Awe	Innis Chonnel I	◆		◆◆	◆				❖
28	Loch Awe	Kilchurn	◆		◆	◆				❖
29	Loch Awe	Unidentified (Inchdreying)	◆			◆				
30	Loch Baile Mhic Chalein	Fassin na Cloich?			◆					○
31	Loch a' Bailidh/Tangy				◆					❖
32	Loch Balnakill/Lanlish		◆							
33	Loch of Banchory	Isle of Loch Banchory								❖
34	Loch Beanie		◆	◆◆						❖
35	Loch Beann a' Mheadhoin							◆		

36	Loch Borrallie		◆◆							❖
37	Loch Bradan				◆					❖
38	Loch Brora	Eilean nam Faoileag		◆◆	◆◆◆		◆			❖
39	Loch Bruiach					◆				❖
40	Loch Calder	Big Island?						◆	◆	○
41	Loch Chleibhe		◆							
42	Loch Chon									❖
43	Loch Chroisk			◆	◆					
44	Loch Clunie	Isle of Loch Clunie	◆	◆◆	◆	◆	◆			❖
45	Loch of Cossans		○							
46	Loch an Daimh				◆◆					
47	Loch Dochart	Garwhellane					◆			❖
48	Loch Doon	Castle Island		◆	◆◆	◆	◆	◆	◆	❖
49	Loch Doon	Donald's Isle								❖
50	Loch Doon	Prisoner's Stone		◆	◆					
51	Loch Dornal	Castle Island			◆					❖
52	Loch of Drumellie		○		◆					○
53	Loch Drunkie									○
54	Loch Dubh		◆							○
55	Loch nan Ealachan		◆							○
56	Loch Earn	Eilean Craggan								❖
57	Loch Earn	Neish's	◆				◆	◆	◆/Tay	❖
58	Loch an Eilean			◆	◆	◆				❖
59	Loch Erricht								◆	○
60	Loch Fithie									❖
61	Loch of Forfar	St Margaret's Inch	◆◆	◆						❖
62	Loch of Forfar	Fa/W Inch	◆◆	◆						❖
63	Loch Gainamhach		◆							
64	Loch Garry		◆							○
65	Loch Gartur									❖
66	Loch Glashan									❖
67	Loch Glass	Eilean nam Faoileag								❖
68	L Glen Strathfarrar					◆				
69	Loch Goosey									❖
70	Lochan Hakel	Grianan								❖
71	Loch of the Inch	Castle Kennedy			◆		◆			❖
72	Loch of the Inch	Inch Crindil								❖
73	Loch Katrine	Eilean Dharag								○
74	Loch Katrine	Eilean Molach						◆		❖
75	Loch Ken	Burned Island								❖

76	Loch Kennard									❖
77	Loch Kindar									❖
78	Loch Kinellan									❖
79	Loch Kinord	Castle Island			◆					❖
80	Loch of Kinnordy		◆							○
81	Loch Laggan	Eilean An Rìgh						◆	◆	❖
82	Loch Leathan		◆							○
83	Loch Lednock						◆			
84	Loch Leven (castle)			◆◆◆◆◆	◆◆		◆	◆	◆	❖
85	Loch Leven	St Serf's		◆◆			◆			❖
86	Loch Lochy	Eilean Darach?				◆				○
87	Loch Lomond	Buckinch	◆							
88	Loch Lomond	Clairinsh				◆				❖
89	Loch Lomond	Inchcailloch			◆	◆	◆			❖
90	Loch Lomond	Inchconnachan (3)			◆	◆				❖
91	Loch Lomond	Inchcruin				◆				❖
92	Loch Lomond	Eilean Rossdhu								❖
93	Loch Lomond	Eunlich				◆	◆			❖
94	Loch Lomond	Inchfad	◆							❖
95	Loch Lomond	Inchgalbraith	◆			◆	◆			❖
96	Loch Lomond	Inchlonaig	◆		◆	◆				❖
97	Loch Lomond	Inchmoan			◆					❖
98	Loch Lomond	Inchmurrin (4)			◆	◆	◆			❖
99	Loch Lomond	Inchtavannach (2)			◆	◆	◆			❖
100	Loch Lomond	Inveruglas	◆			◆	◆			❖
101	Loch Lomond	Kernaig					◆			
102	Loch Lomond	Tarbet	◆	◆						❖
103	Loch Lomond	Eilean na Vow	◆	◆		◆				❖
104	Loch Loyal	Eilean nan Crodh/Mor?	◆				◆			❖
105	Loch Lundavra		◆							
106	Loch Lundie	Eilean Mhic Raonuill?	◆	◆						○
107	Loch Lyon	Crannag nan Luban?					◆			
108	Loch Maberry	Loch Maberry Castle				◆				❖
109	Loch Maree	Eilean na Craoibhe		◆						
110	Loch Maree	Eilean Gruididh								❖
111	Loch Maree	Eilean Ruairidh Beag	◆◆							❖
112	Loch Maree	Eilean Subhainn								❖
113	Loch Maree	Isle Maree								❖
114	Loch Martnaham					◆				❖
115	Loch Meadie		○							○

116	Loch Migdale	Isle of Loch Migdale				◆				
117	Loch Moan	White Island			◆◆					○
118	Loch Moulin	An Sean Chaisteal								❖
119	Loch Moy	Isle of Loch Moy	◆	◆◆	◆◆◆◆	◆	◆			❖
120	Loch Monnairr		◆							
121	Loch Naver		○							○
122	Loch Nell	Rubha na Moine			◆◆			◆		❖
123	Loch Ness	Cherry Island - Eilean Muireach	◆							❖
124	Loch Ochiltree				◆					❖
125	Loch Oich	Eilean Drynachan	◆							❖
126	Loch Oich	Eileanana H-Ealaidh?	◆							○
127	Loch Oich (C)		◆							○
128	Loch Oich (D)		○							○
129	Loch a' Phearsain				◆					❖
130	Loch Quoich		◆							
131	Loch Quoich	Eilean Mhic Phi								❖
132	Loch Rannoch	Eilean Nam Faoileag	◆				◆			❖
133	Loch Rusky									❖
134	Loch Ruthven	Tom Buidhe?		◆◆	◆◆◆	◆				○
135	Loch Shiel	Eilean Fhianain							◆	❖
136	Loch Shin	Ylen Mulroy	◆	◆			◆			❖
137	Loch Shin	Ylen na Craioibha								❖
138	Loch Shin	Ylen Heyraig								❖
139	Loch Shin	Ylen na Vym								❖
140	Loch Skerrow	Craigherron Island								❖
141	Loch Sloy	Isle of Loch Sloy								○
142	Loch Spey							◆	◆	
143	Loch na Sreinge									❖
144	Loch Stack	Ylen Loch Stack	◆	◆						❖
145	Loch Tarff		◆							❖
146	Loch Tay	Eilean Nam Breaban								❖
147	Loch Tay	Eilean Puttychan								❖
148	Loch Tay	Priory Island	◆	◆◆◆◆	◆◆		◆	◆/A	◆/Earn	❖
149	Loch Tay	Ylen Ran	○							❖
150	Loch Tollaidh									❖
151	Loch Treig	Eilean Tigh Na Slige								❖
152	Loch Tromlee	Eilean Tighe Bhain								❖
153	Loch Tulla	Eilean Stalcair								❖
154	Loch Tummel	An T-Eilean	◆				◆			❖

155	Loch nan Torran				◆					
156	Loch Turret						◆			
157	Loch Unapool		◆	◆				◆		
158	Loch Urr	Rough Island								❖
159	Loch Ussie					◆				
160	Loch Venachar	Isle of Loch Venachar					◆			❖
161	Lochfergus	Palace Isle								❖
162	Lochfergus	Stable Isle								❖
163	Lochindorb		◆◆	◆◆	◆◆◆				◆	❖
164	Lochinvar							◆		❖
165	Lochmaben			◆				◆	◆	❖
166	Lochnaw	Isle of Lochnaw								❖
167	Lochore			◆◆	◆◆					❖
168	Lochrutton									❖
169	Lochwinnoch		◆	◆◆	◆◆					❖
170	Mochrum Loch	Long Island								❖
171	White Loch of Ravenstone									❖
172	Yetholm Loch	Yetholm Tower								❖
										□
	Unidentifiable	Possible ID								
i	Arnprior	No								❖
ii	Auchmore	No								❖
iii	Bardowy Loch	No				○				❖
iv	Cardney	No					◆			
v	Cardney	No					◆			
vi	Clunie (second loch)	No					◆			
vii	Inchecornze	No								❖
viii	Inchermonzie	Dry Isle?								❖
ix	Loch Assynt	Yes				◆				
ix	Loch Dothan	Dochart?					◆			
x	Loch Ronald	No					◆			
xi	Long Loch (A)	No	○							
xii	Long Loch (A)?	No		◆						
xiii	Long Loch (B)	No	○							
xiv	Unnamed	Pont 4(7) & G 12	◆	◆						
xv	Unnamed	No								❖
xvi	Unnamed	Blaeu (Dunbarton)				○				
	Duplicates/errors									

a	Loch Assynt	Unidentified						◆		
b	Loch Awe	Unidentified castle					◆			
c	Loch Garry (B)	Error?	○							○
d	Loch Loyal (B)	Error?	○							
e	Loch Tay	Unidentified						◆		
f	Loch Tay	Unidentified						◆		
g	R/Keane Castle	Loch Glass/Ussie?						◆	◆	

Appendix 5: Loch Tulla Shoe

Correspondence and conservation report relating to shoe soles discovered at Loch Tulla in 2005.

Expert interpretation

Their general shape and the fact they have or at least would have had a pointed toe dates them to the late 14th century. During the mid 14th century a rather broad rounded toe style was favoured but by the last 25 years of the 14th century almost every type of shoe had some sort of toe point though they did vary in length ranging from a small point to shoes with very long points that were known as poulaines. Your shoes would have had a modest point. Research undertaken of footwear at that time suggests that side-lace boots, front-laced shoes or ankle shoes had the shortest points.

It is very difficult with just the soles remaining to know what the complete shoe would have looked like but the previously mentioned styles with their short toes would correspond to the fact this sort of footwear was functional and worn by workers or 'ordinary' people. The longer the toe the more impractical the shoe, making them popular with the leisured classes or those with money. The holes around the edges of the sole are stitch holes where it would have been hand sewn to the upper.

The soles appear to match up with each other judging by the areas missing for each pair. This would mean the shoes having an outer and inner sole - hence the two. If their measurements correspond they could be a pair considering they were found near each other.

Rebecca Shawcross

Assistant Shoe Resources Officer

Northampton Museum and Art Gallery



Figure 1: LT F 02a (AOC)



Figure 2: LT F 02a (AOC)



Figure 4: LT F 02b (AOC)



Figure 3: LT F 01b (AOC)

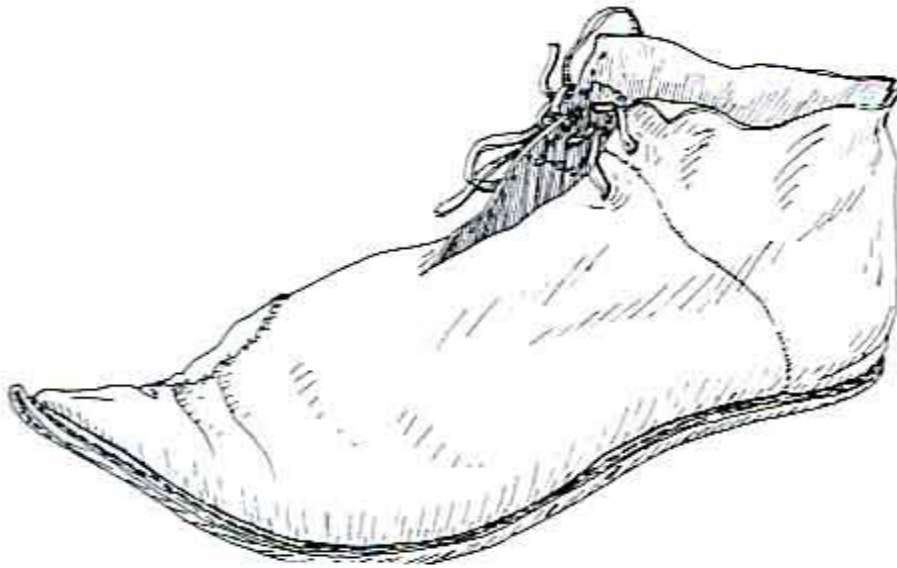
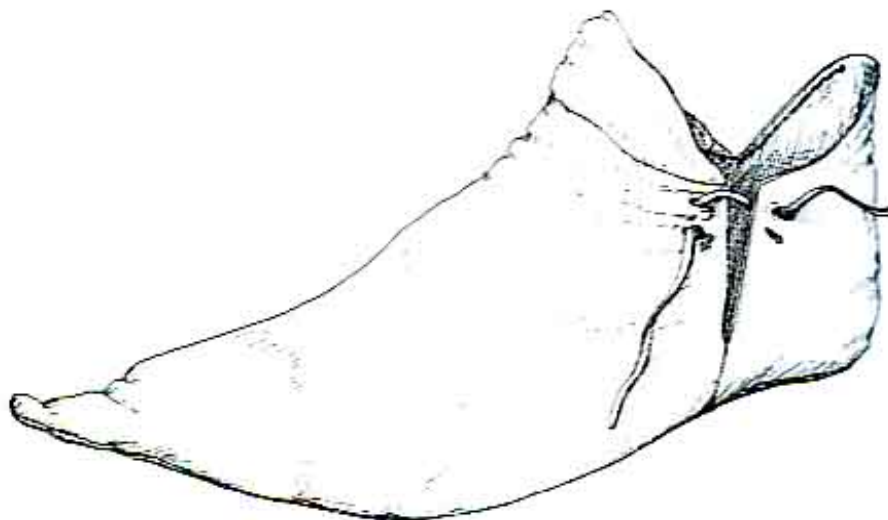


Figure 5: How the shoe may originally have looked. Above: Front lace shoe, circa 1530. Below: Side lace fastening shoe, 15th century. Goubitz O, van Driel-Murray C, Groenman-van Waateringe W. Stepping Through Time Archaeological Footwear from Prehistoric Times until 1800. Foundation for Promoting Archaeology, Zwolle 2001, Fig. 6, 180 & Fig. 15, 193).



On behalf of: Matthew Shelley

AOC Archaeology project no: 4877

Client's reference: LT-F-01; LT-F-02

Prepared by: Gretel Evans

Timing: Conservation report Aug 2005

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CONSERVATION REPORT ON TWO WATERLOGGED LEATHER SOLES FROM LOCH TULLA

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Summary

Two waterlogged leather soles, recovered from a crannog in Loch Tulla, were received by AOC for conservation.

Description

There are two leather soles, both for the left foot, and very probably from the same item of footwear. Neither of the soles are complete, but LT-F-01 is more complete than LT-F-02. The maximum measured length of both soles is 24cm although there is slight loss at either end; the maximum width of both soles is 9cm. Both soles exhibit stitch holes around their up-turned edges (where complete); the length of the holes is approx. 3mm whilst the width is approx. 2mm.

Condition

As mentioned above, neither of the soles are complete. As well as being more complete, LT-F-01 is also less degraded than LT-F-02. The latter is also more fragmentary with many small tears in the leather. It may be that this is a result of having undergone more wear and tear during use, suggesting LT-F-01 was positioned on top of LT-F-02, but this is speculative.

Conservation treatment

The soles were cleaned under running water with gentle brushing to remove soiling. After washing, the soles were sketched (see Appendix). They were then immersed in 15% (v/v) glycerol solution for 72 hours. After removal from the solution they were drained of excess solution and frozen for 72 hours. They were freeze-dried under vacuum for 60 hours. On removal from the freeze-drier the soles were left to re-hydrate under ambient conditions. The

Loch Tulla, 2005: Conservation report on two waterlogged leather soles from Loch Tulla August 2005. AOC Project No. 4877

soles have been packed in pierced polythene bags with a Plaztazote™ support, in an airtight box with acid-free tissue.

Handling and storage requirements

Leather is susceptible to changes in relative humidity and temperature. Ideal storage conditions are 45-50% RH with a temperature range of 18-22 degrees Celsius with as little fluctuation as possible, and preferably in the dark.

Wear gloves, and be careful when handling fragile leather, as damage can easily be done.

Health and safety considerations

Wear gloves when handling archaeological material to avoid: a) contamination from the objects; b) contamination of the objects. Handling should be limited to as little as possible to avoid damage to the objects.

Materials used

Glycerol *glycerine; propan-1,2,3-ol*

Conservator: Gretel Evans

Date: 31st August 2005

Appendix: Sketch of both soles

