

6. REFERENCES

Abbreviations

- CCS Countryside Commission for Scotland and Historic Buildings
HBM (SDD) Management and Monuments Directorate. (Scottish
 Development Department).
- OS Ordnance Survey
- PSAS Proceedings of the Society of Antiquaries of Scotland.
- RCAHMS Royal Commission on the Ancient and Historical Monuments of Scotland.
- SFP Solway Firth Partnership.
- TDGNHAS Transactions of the Dumfries and Galloway Natural History and
Antiquarian Society.

Bibliography

- Adams, I.H. 1966 *Descriptive List of Plans in the Scottish Records Office* , vols 1-3, HMSO
- Ashmore, P. J. 1994 *Archaeology and the Coastal Erosion Zone. Towards a Historic Scotland Policy*. Unpublished Historic Scotland Report.
- Barbour, J. 1907 "Notice of a Stone Fort near Kirkandrews in the Parish of Borgues, Kirkcudbright", *PSAS* 41, 68-80.
- Bearman, G. (ed) 1989 *Waves, Tides and Shallow Water Processes*. Milton Keynes: The Open University and Oxford: Pergamon Press.
- Bishop, W.W. & Coope, G.R. 1977 "Stratigraphical and faunal evidence for Lateglacial and Early Flandrian Environments in South-West Scotland", in J.M. Grey and J.J. Lowe (eds) *Studies in the Scottish Lateglacial Environment* Chapter 8, 61-68 London
- Breeze, D. J. & Ritchie, J. N. G 1980 "A Roman Burial at High Torrs, Luce Sands, Wigtownshire." *TDGNHAS* 55, 77-85.
- Bridson, R. H. 1977 *Saltmarsh: Its Accretion and Erosion at Caerlaverock National Nature Reserve, Dumfries*. Nature Conservancy Council Publication.
- Bryant, E. 1991 *Natural Hazards*. Chapter 4, 77. Cambridge: Cambridge University Press
- CCS & HBM (SDD) 1987 *An Inventory of Gardens and Designed Landscapes in Scotland. Vol. 2: Dumfries & Galloway and Strathclyde : A Report*. Scottish Development Department / Countryside Commission for Scotland

Clarke, W. B. 1876 "Notice of Excavations in the Borneess Cove in the Summer of 1874." *PSAS* 11, 305-308.

Clarke, W. B. 1878 "Final Report on the Borneess Cove Exploration." *PSAS* 12, 669-681.

Cormack, W. F. 1962 "Two Coins from Glenluce Sand Dunes and One from Dryfesdale." *TDGNHAS* 39, 159 - 60.

Cormack, W. F. 1965 "Northumbrian Coins from Luce Sands, Wigtownshire", *TDGNHAS*, 149-150

Cormack, W. F. 1968 "A Burial Cairn in Luce Sands, Wigtownshire." *TDGNHAS* 45, 240-241.

Cormack, W. F. 1970 "A Mesolithic Site at Barsalloch, Wigtownshire." *TDGNHAS* 47, 63 - 80.

Cormack, W. F. 1983 "A Flint Blade from Redkirk Point Dumfriesshire." *TDGNHAS* 58, 92-93.

Cormack, W. F. & Coles, J. M 1968 "A Mesolithic Site at Low Clone, Wigtownshire." *TDGNHAS* 5, 44 - 72.

Crone, A. 1983 "The Clochmabanestane, Gretna." *TDGNHAS* 58, 16-21.

Curle, J. 1932 "An Inventory of Objects of Roman and Provincial Roman Origin Found on Sites in Scotland Not Definitely Associated with Roman Constructions." *PSAS* 66, 277-400.

Davies, J. L. 1972 *Geographical Variation in Coastal Development*. in Oliver and Boyd Edinburgh, 78-100

Dury, G. H. (ed.) 1970 *Rivers and River Terraces. Geographical Readings*. Macmillan

Ewart, G. 1985 "Cruggleton Castle, Report of Excavations 1978 - 1981." *TDGNHAS*.

Feachem, R. W. 1956 "Iron Age and Early Medieval Monuments in Galloway and Dumfriesshire." *TDGNHAS* 33, 58-65.

Gilmour, S. 1996 *Promontory Forts*. Unpublished Manuscript.

Gourlay, R. & Turner, A. 1977 *Historic Dumfries. The Archaeological Implications of Development*. Glasgow: Scottish Burgh Survey.

Graham, A. 1979 "Some Old Harbours in Wigtownshire" *TDGNHAS* 54, 39-79.

Graham, A. & Truckell, A. E 1977 "Old Harbours in the Solway Firth." *TDGNHAS* 52, 109-142.

Henshall, A. 1968 "A Late Neolithic - Early Bronze Age Textile Impression from Luce Sands, Wigtownshire." *TDGNHAS* 45, 326-337.

Historic Scotland 1996 *Archaeology Procedure Paper 4 ; Coastal Zone Survey*.

Holmes, A. & Holmes, D.L. 1987 *Principles of Physical Geology*. 3rd Edition, 23, 497-537. Van Nostrand Reinhold UK

James, H. 1996 Coastal Assessment Survey : The Firth of Forth from Dunbar to the Border of Fife. *Unpublished Historic Scotland Report*.

Jardine, W. G. 1980 "Holocene Raised Coastal Sediments and Former Shorelines of Dumfries and Galloway." *TDGNHAS* 55, 1 - 59

Jardine, W. G. & Masters, L. J. 1977 "A Dug-Out Canoe from Cathrinefield Farm, Locharbriggs, Dumfriesshire." *TDGNHAS* 50, (1976-77) 56-65.

Jardine, W. G. & Morrison, A 1976 "The Archaeological Significance of Holocene Coastal Deposits in South-Western Scotland." in Davidson, D. D. & Shackley, M. L. (eds.) *Geoarchaeology : Earth Science and The Past*. London: Duckworth.

Jones, B. 1979 "Aerial reconnaissance", *Discovery and Excavation in Scotland 1979*, 3-4 and map between 40-41.

Laing, L. 1973 "The Angles in Scotland and the Mote of Mark." *TDGNHAS* 50, (1972-73), 37-52.

Leask, C. 1996 *Sea level variation and coastal sand movements in Scotland: their inclusion in the Statistical Accounts of Scotland*. Historic Scotland Publication

Livens, R. G. 1958 "Excavations at Terally (Wigtownshire) 1956." *TDGNHAS* 35, 95-101.

Long, A. 1996 *Coastal Assessment Survey: Ullapool to Lochinver*, unpublished report for Historic Scotland, Andrew Long and University of Glasgow

Lowry, B. (ed.) 1995 *Twentieth Century Defences in Britain : An Introductory Guide*. York: Council for British Archaeology.

Marshall, J. 1962 "The Physiographic Development of Caerlaverock Merse" *TDGNHAS*, 101-123.

Masters, L. J. 1981 "A Mesolithic Hearth at Redkirk Point, Gretna, Annandale and Eskdale District." *TDGNHAS* 56, 111 - 114.

Maynard, D. et al 1994 "Archaeological Discoveries in the Dune System at Brighthouse Bay." *TDGNHAS* 69.

Murray, A. 1965 "The Customs Accounts of Dumfries and Kirkcudbright 1560 - 1660." *TDGNHAS* 58. 114-132.

- Murray, A. 1996 "Green Pilgrim's Progress." *The Scotsman* 3.12.96.
- RCAHMS 1912 *Inventory of Monuments and Constructions of Galloway. County of Wigtown.*
- RCAHMS 1914 *Inventory of Monuments and Constructions of Galloway. County of Stewartry of Kirkcudbright.*
- RCAHMS 1981 *Ewesdale and Lower Annandale.* Edinburgh: RCAHMS. = The Archaeological Sites and Monuments of Scotland, **13**.
- RCAHMS 1985 *West Rhins.* Edinburgh: RCAHMS. = The Archaeological Sites and Monuments of Scotland, **24**.
- Ritchie, G. 1970 "Beaker Pottery in South-West Scotland." *TDGNHAS* 47, 123-146.
- Ritchie, W and Mather, A. S. 1984 *The Beaches of Scotland.* Aberdeen: Aberdeen University Department of Geography for the Countryside Commission for Scotland.
- Robertson 1996 *Coastal Assessment Survey for Historic Scotland: Fife - Kincardine to Fifeness* Unpublished report for Historic Scotland, Maritime Fife
- Rynne, E. 1966 "A Bronze Ring-Brooch from Luce Sands, Wigtownshire: Its Affinities and Significance." *TDGNHAS* 42, 99-113.
- Rynne, E. 1968 "A Further Ring-Brooch from Luce Sands." *TDGNHAS* 45, 241-242.
- Scott-Elliot, J. 1963 "McCulloch's Castle, Arbigland." *TDGNHAS* 41, 118-124.
- SFP 1996 *Solway Firth Review.* Solway Firth Partnership
- Single, M.B. & Hanson, J. D. 1994 *Torrs Warren - Luce Sands SSSI : Documentation and & Management Prescription.* Scottish Natural Heritage Research, Survey and Monitoring Report 13.
- Smout, C. 1950 "The Foreign Trade of Dumfries and Kirkcudbright, 1672 - 1696." *TDGNHAS* 37.
- Stell, G. 1984 "Southernness Lighthouse." *TDGNHAS* 62, 64-69.
- Stone, P. (ed.) 1996 *Geology in South-West Scotland, an Excursion Guide.* British Geological Survey, Keyworth: Nere Publication.
- Thomas, C. 1966 "Ardwall Isle : The Excavation of an Early Christian Site of Irish Type." *TDGNHAS* 43, 84-116.
- Truckell, A. E. 1956 "Early Shipping References in Dumfries Burgh Records." *TDGNHAS* 33, 29-58.

Truckell, A. E. 1957 "Shipping References in Dumfries Burgh Records." *TDGNHAS* 34, 188-190.

Truckell, A. E. 1991 "Kirkbean Parish." *TDGNHAS* 66, 94-95.

Truckell, A. E. and Williams, J. 1967 "Medieval Pottery in Dumfriesshire and Galloway." *TDGNHAS* 44, 133-174.

Sunamura, T. 1982 *Geomorphology of Rocky Coasts* 6, 117-132, John Wiley.

Van Hoek, M. A. M. 1986 "The Prehistoric Rock Art of Galloway." *TDGNHAS* 61, 20-40.

Van Hoek, M. A. M. 1987 "Further Notes on the Prehistoric Rock Art of Galloway." *TDGNHAS* 62, 9-21.

Williams, J. 1970 "Neolithic Axes in Dumfries and Galloway." *TDGNHAS* 47, 111-122.

Williams, J. 1977 "Some "Medieval" Objects from Luce Bay Sands in the Mann Collection." *TDGNHAS* 52, 77-87.

Wood, J. M. 1908 *Smuggling in the Solway*.

Yates, M. J. 1983 "The Broch at Stairhaven, Wigtown District." *TDGNHAS* 58, 93-95.

Cartographic References

Ainslie, J.	1797	Stewartry of Kirkudbright.
Ainslie, J.	1782	Wigtown.
Blaeu, J.	1654	Annandiae.
Blaeu, J.	1654	Nithia.
Blaeu, J.	1654	Gallovida.
Blaeu, J.	1654	Gallovidiae pars Occidentalior.
Blaeu, J.	1654	Gallovidiae pars Media.
Blaeu, J.	1654	Kircubriensis.
BGS	1977	Geological Survey Ten Mile Map. North Sheet, 1st Edition (Solid).
BGS	1979	Geological Survey Ten Mile Map. North Sheet, 3rd Edition (Quaternary).
Bullock, H.	c1552	West Border Land.
Crawford, W.	1804	Dumfriesshire.
Ordnance Survey	1846	Wigtownshire, 1st Edition.
Ordnance Survey	1850	Kirkudbright, 1st Edition.
Ordnance Survey	1856-7	Dumfriesshire, 1st Edition.
Ordnance Survey	1896	6-inch County Series, Wigtownshire, 1st Edition.
Ordnance Survey	1909	6-inch County Series, Wigtownshire, 2nd Edition.
Ordnance Survey	1896	6-inch County Series, Kirkudbrightshire, 1st Edition.
Ordnance Survey	1909-10	6-inch County Series, Wigtownshire, 2nd Edition.
Ordnance Survey	1900	6-inch County Series, Dumfriesshire, 2nd Edition.

Roy 1754 Scotland.

Solway Salmon Fisheries Commission 1878-79
Solway Salmon Fisheries 6 inch edition.

Aerial Photographic References

Vertical aerial photographs

B106 106G/SCOT/UK 89, frames 3122-3120, 4119-4113, 3119-3108, 4129-4138, taken on 12/5/46.

B227 CPE/SCOT/366, frames 3063-3069, taken on 25/4/48.

B3 1066/UK/937, frames 3100-3102, 4088-4090, 4140-4138, 3155-3153, 3166-3163, 4155-4142, 3161-3158, 4228-4252, 3249-3252, 3262-3270, taken on 9/11/45.

B89 1066/SCOT/UK 43, frames 3006-3002, 4004-4001, 3018-3021, 3023-3025, 4026-4028, 4077-4076, 3073-3071, 4140-4138, 3133-3136, 4319-4316, 3300-3291, 4438-4440, taken on 4/5/46.

B90 1066/SCOT/UK 42, frames 4213-4212, 3219-3217, 3081-3083, 4082-4079, 4367-4363, take on 4/5/46.

B90 frames 4077-4075, 3076-3072, 4219-4223.

B89 frames 4437-4432.

B90 frames 3064-3060, 4063-4058.

B89 frames 4430-4428, 3409-3406, 3302-3304, 4323-4326, 4228-4227, 3213-3203, 4144-4150, 4217-4218, 4335-4342, 3316-3321, 3391-3387, 4412-4409, 4213-4212, 3164-3166, 3184-3175, 4190-4189, 4362-4366, 3345-3342, 3362-3365, 3361-3351, 4388-4377.

B90 frames 3272-3275, 4266-4270, 4273-4275, 3280-3295, 4285-4288, 3297, 3001, 3002, 4001-4004.

B91 106G/SCOT/UK 41 frames 3211-3209, 4215, taken on 4/5/46.

B104 106G/SCOT/UK 44 frames 3001-3003, 4001-4003, taken on 4/5/46.

B101 106G/SCOT/UK 40 frames 3033-3035, 4033-4044, 3042-3047, 4046-4049, 3122-3128, 4124-4141, 4150-4156, taken on 14/5/46.

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Plate 1. General shot of the ruined Stairhaven pier and eroding section.



Plate 2. Redkirk Point looking eastwards, note the slope failure on the edge of the field.

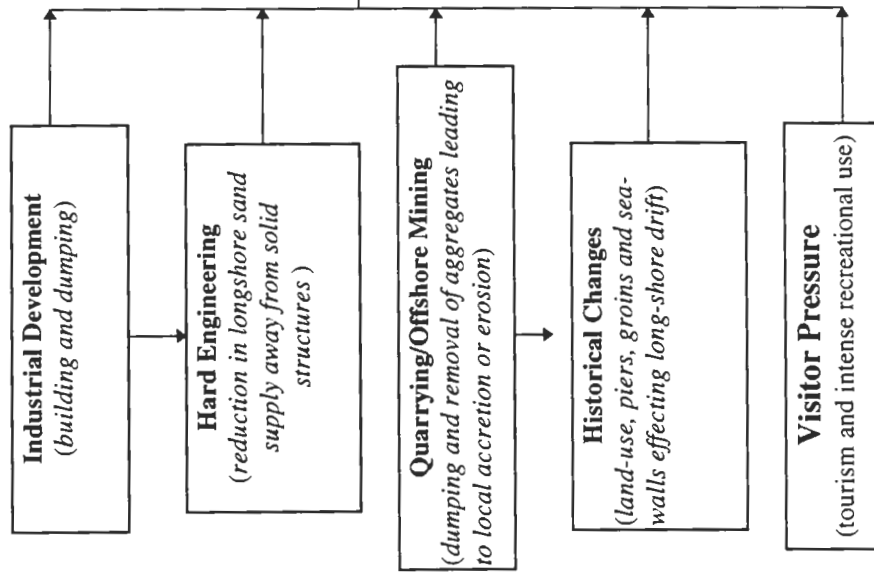


Plate 3. Eroded sea defences at Low Gurghie.

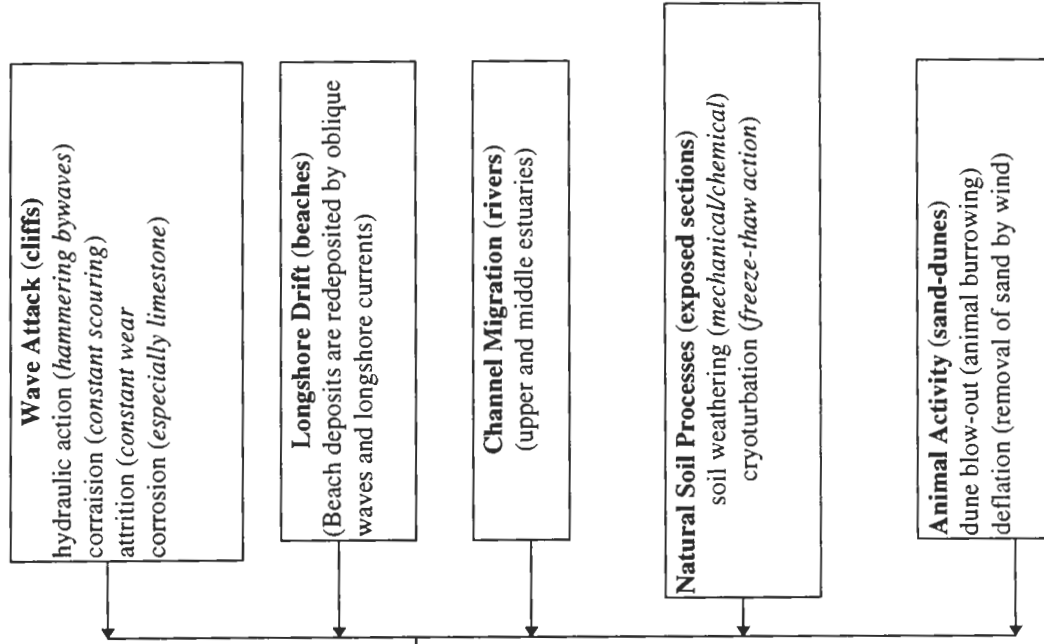


Plate 4. Serious coastal erosion to the west of Garlieston Bay

HUMAN-IMPACT ON COASTLINES



NATURAL IMPACT ON COASTLINES



Source: Based on Holmes 1978, Sunamura 1981 and Bryant 1991