References

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ANDERSON, E.M. 1942. The Dynamics of Faulting. (Edinburgh: Oliver and Boyd). 191 pp.

ANDERSON, J G C. 1951. Geology of Glen Tromie hydro-electric tunnels, Inverness-shire. Geologists Magazine, 84, 133–139

APPLEBY, S K, GRAHAM, C M, GILLESPIE, M R, HINTON, R W, AND OLIVER, G J H. 2006. New insights into granite genesis from isotopic and REE micro-analyses of zircons: the Scottish Caledonian Granites. Geochimica et Cosmochimica Acta, 70, supplement p. A19 Goldschmidt Conference abstracts.

APPLEBY, S K, GRAHAM, C M, GILLESPIE, M R, HINTON, R W, OLIVER, G J H. AND HORSTWOOD, M S A. 2007. An integrated in- situ O, U-Pb and Hf isotope approach to decipher the petrogenetic evolution of granites. Geochimica et Cosmochimica Acta, 71, p. A32 Special Supplement abstracts of the 17th Annual V. M. Goldschmidt Conference, Cologne, Germany. August 2007.

BALLANTYNE, C K. 1984. The Late Devensian periglaciation of upland Scotland. Quaternary Science Reviews, 3, 311–343.

BALLANTYNE, C K. 1987. The present-day periglaciation of upland Britain. 113–27 in Periglacial Processes and Landforms in Britain and Ireland. J. Boardman (ed). (Cambridge: Cambridge University Press).

BALLANTYNE, C K. 1994. The tors of the Cairngorms. Scottish Geographical Magazine, 110, 54-59.

BALLANTYNE, C K. 1996. Periglacial landforms in the Cairngorm Mountains. 70–103 in: The Quaternary of the Cairngorms: Field Guide. (London: Quaternary Research Association). 149pp.

BALLANTYNE C K. 2002. Paraglacial geomorphology. Quaternary Science Reviews, 21, 1935–2017.

BALLANTYNE, C K. 2004a. The Drumochter debris cones. 171–173. in: The Quaternary of the Central Grampian Highlands of Scotland: Field Guide. (London: Quaternary Research Association).

BALLANTYNE, C K. 2004b. The Edendon alluvial fan.122–132. in: The Quaternary of the Central Grampian Highlands of Scotland: Field Guide. (London: Quaternary Research Association).

BALLANTYNE, C K, AND WHITTINGTON, G W. 1999. Late Holocene floodplain incision and alluvial fan formation in the central Highlands, Scotland: Chronology, environment and implications. Journal of Quaternary Science, 14, 651–671.

BALLANTYNE, C K, AND HARRIS, C. 1994. The periglaciation of Great Britain. (Cambridge: Cambridge University Press).

BALLANTYNE, C K, AND 5 OTHERS. 1998. High-resolution reconstruction of the last ice sheet in north-west Scotland. Terra Nova, 10, 63–67.

BALLANTYNE, C K, SCHNABEL, C. AND XU, SHENG. 2009. Exposure dating and reinterpretation of coarse debris accumulations ('rock glaciers') in the Cairngorm Mountains, Scotland. Journal of Quaternary Science, 24, 19–31.

BAILEY, E B. 1925. Perthshire tectonics: Loch Tummel, Blair Atholl and Glen Shee. Transactions of the Royal Society of Edinburgh, 53, 671–698.

BAKER, A J. 1985. Pressures and temperatures of metamorphism in the eastern Dalradian. Journal of the Geological Society, London, 142, 137–148.

BAKER, A J. 1986. Eclogitic amphibolites from the Grampian Moines. Mineralogical Magazine, 50, 217–221.

BANKS, C J. 2005. Neoproterozoic basin analysis: A combined sedimentological and provenance study in the Grampian Group, Central Highlands, Scotland. Unpublished Ph.D Thesis, Keele University.

BANKS, C J, LESLIE, A G AND MENDUM, J R. 2006. Bedrock geology of the Ben Alder Massif: report of the 2005 field season. British Geological Survey Internal Report, IR/06/069.

BANKS, C J, LESLIE, A G AND MENDUM, J R. 2007. Bedrock geology of the Ben Alder Massif: report of the 2006 Field Season. British Geological Survey Internal Report, IR/07/102.

BARRON, H F, GILLESPIE. M R, AND MERRITT, J W. 2016. Geodiversity of the Cairngorms National Park. British Geological Survey Open Report, OR/10/019. 136pp.

BARRON, H F, MERRITT, J W, AND GILLESPIE, M R. 2016. Geological input to a Landscape Character Assessment of the Cairngorms National Park. British Geological Survey Open Report, OR/10/003. 136pp.

BARROW, G. 1893. On an intrusion of muscovite-biotite gneiss in the southeast Highlands of Scotland and its accompanying metamorphism. Quarterly Journal of the Geological Society of London, 19, 33–58.

BARROW, G. 1904. On the Moine Gneisses of the East-Central Highlands and their position in the Highland Sequence. Quarterly Journal of the Geological Society of London, 60, 400–449.

BARROW, G. 1912. On the geology of Lower Dee-side and the southern Highland Border. Proceedings of the Geologist's Association, 23, 275–290.

BARROW, G, and CUNNINGHAM CRAIG, E H. 1912. The geology of the districts of Braemar, Ballater and Glen Clova. Memoir of the Geological Survey of Scotland, Sheet 65.

BARROW, G, HINXMAN, L W, AND CUNNINGHAM CRAIG, E H. 1913. The geology of Upper Strathspey, Gaick and the Forest of Atholl. Memoir of the Geological Survey of Scotland, Sheet 64 (Scotland).

BAXTER, E F, AGUE, J J, AND DEPAOLO, D J. 2002. Prograde temperature-time evolution in the Barrovian type-locality constrained by Sm/Nd garnet ages from Glen Clova. Journal of the Geological Society, London. 159, 71–82.

BEDDOE-STEPHENS, B. 1993. Report of fieldwork in the Glen Tilt area, 1992 (Sheet 64E). British Geological Survey, Mineralogy and Petrology Report, MPSR/93/9.

BEDDOE-STEPHENS, B. 1993. The petrography, mineralogy and geochemistry of the southern part of the Glen Tilt Igneous Complex. British Geological Survey, Technical Report, WG/93/30.

BEDDOE-STEPHENS, B. 1994. Further petrographic and geochemical results from the Glen Tilt intrusive complex. British Geological Survey, Technical Report, WG/94/11.

BEDDOE-STEPHENS, B. 1997. Glen Tilt: Mapping and petrology of igneous and metamorphic rocks. British Geological Survey, Technical Report, WG/97/16.

BEDDOE-STEPHENS, B. 1999. The Glen Tilt diorite: crystallization, petrogenesis and relation to granitic rocks. Scottish Journal of Geology, 35, 157–177.

BENN, D I. 1996. Subglacial and subaqueous processes near a glacial grounding line: sedimentological evidence from a former ice-dammed lake, Achnasheen, Scotland. Boreas 25, 23–36.

BENN, DI, AND EVANS, DJA. 1998. Glaciers and glaciation. (London: Arnold).

BENN D I AND BALLANTYNE C K. 2005. Palaeoclimatic reconstruction from Loch Lomond Readvance glaciers in the West Drumochter Hills, Scotland. Journal of Quaternary Science, 20(6): 577–592.

BENNETT, K D. 1989. A provisional map of forest types for the British Isles 5000 years ago. Journal of Quaternary Science, 4, 141–144.

BENNETT, K D. 1996. Late Quaternary vegetation history of the Cairngorm Mountains. 114–125 in: The Quaternary of the Cairngorms: Field Guide. (London: Quaternary Research Association),149pp.

BENNETT, M R. 1996. The Loch Lomond Readvance in the Cairngorm Mountains. 54–68 in: The Quaternary of the Cairngorms: Field Guide. (London: Quaternary Research Association), 149pp.

BENNETT, M R, AND BOULTON, G S. 1993. A reinterpretation of Scottish 'hummocky moraine' and its significance for the deglaciation of the Scottish Highlands during the Younger Dryas or Loch Lomond Stadial. Geological Magazine, 130, 301–318.

BENNETT, M R, AND GLASSER, N F. 1991. The glacial landforms of Glen Geusachan, Cairngorms: a reinterpretation. Scottish Geographical Magazine, 107, No. 2, 116–123.

BENNETT, M R, HAMBREY, M J, HUDDART, D, AND GLASSER, N F. 1998. Glacial thrusting and moraine-mound formation in Svalbard and Britain: the example of Coire a' Cheud-chnoic (Valley of Hundred Hills), Torridon, Scotland. Quaternary Proceedings, 6, 17–34.

BOULTON, G S, AND HAGDORN, M. 2006. Glaciology of the British Isles ice sheet during the last glacial cycle: form, flow, streams and lobes. Quaternary Science Reviews, 25, 3359–3390.

BOULTON, G S, ,PEACOCK, J D, AND SUTHERLAND, D G. 2002. Quaternary. 409–430 in Geology of Scotland. (4th edition). Trewin, N H.(editor). (London: The Geological Society).

BOWEN, D Q, (editor) 1999. A revised correlation of Quaternary deposits in the British Isles. Geological Society Special Report No. 23, 174pp.

BOWEN D Q, KNUTZ, P C, SYKES, G A, PHILLIPS, F M, AND MCCABE, A.M. 2002. New data for the Last Glacial Maximum in Great Britain and Ireland. Quaternary Science Review, 21, 89–101.

BRADBURY, H J, SMITH, R A AND HARRIS, A L. 1976. 'Older' granites as time-markers in Dalradian evolution. Journal of the Geological Society, London, 132, 677–684.

BRADBURY, H J, HARRIS, A L, AND SMITH, R A. 1979. Geometry and emplacement of nappes in the central Scottish Highlands. 213–220 in The Caledonides of the British Isles–reviewed. Harris, A L, Holland, C H, and Leake, B E. (editors). Geological Society of London Special Publication No. 8.

BRADWELL, T, STOKER, M, GOLLEDGE, N, WILSON, C, MERRITT, J W, LONG, D, EVEREST, J, HESTVIK, O B, STEVENSON, A, HUBBARD, A, FINLAYSON, A, AND MATHERS, H. 2008. The northern sector of the last British Ice Sheet: Maximum extent and demise. Earth Science Reviews, 88, 207–226.

BRASIER, M D. AND SHIELDS, G. 2000. Neoproterozoic chemostratigraphy and correlation of the Port Askaig glaciation, Dalradian Supergroup of Scotland. Journal of the Geological Society, London, 157, 909–914.

BRAZIER, V, GORDON, J E, HUBBARD, A. AND SUGDEN, D E. 1996. The geomorphological evolution of a dynamic landscape: the Cairngorm Mountains, Scotland. Botanic Journal of Scotland, 48, 13–30.

BRAZIER, V, KIRKBRIDE, M, GORDON, J E. 1998. Active ice sheet deglaciation and ice-dammed lakes in the northern Cairngorm Mountains, Scotland. Boreas, 27, 297–310.

BREMNER, A. 1929. The glaciation of the Cairngorms. The Deeside Field, 4, 29–37.

BREMNER, A. 1942. The origins of the Scottish river system. Scottish Geographical Magazine, 58, 15–20, 54–59 and 99–103. BRITISH GEOLOGICAL SURVEY. 1989. Braemar. Scotland Sheet 65W. Solid Geology. 1:50 000 (Keyworth, Nottingham: British Geological Survey).

BRITISH GEOLOGICAL SURVEY. 1991. Regional geochemistry of the East Grampians area. (Keyworth, Nottingham: British Geological Survey).

BRITISH GEOLOGICAL SURVEY. 1996. Glenlivet. Scotland. Sheet 75W. Solid Geology. 1:50 000 (Keyworth, Nottingham: British Geological Survey).

BRITISH GEOLOGICAL SURVEY. 2000a. Dalwhinnie. Scotland Sheet 63E. Solid Geology. 1:50 000 (Keyworth, Nottingham: British Geological Survey).

BRITISH GEOLOGICAL SURVEY. 2000b. Schiehallion. Scotland Sheet 55W. Solid Geology. 1:50 000 (Keyworth, Nottingham: British Geological Survey).

BRITISH GEOLOGICAL SURVEY. 2004. Tomatin. Scotland Sheet 74W. Bedrock Geology. 1:50 000 (Keyworth, Nottingham: British Geological Survey).

BROWN, G C. 1979. Geochemical and geophysical constraints on the origin and evolution of Caledonian granites. 645–651 in The Caledonides of the British Isles–reviewed. Harris, A L, Holland, C H, and Leake, B E. (editors.) Geological Society of London Special Publication No. 8.

BROWN, G C. AND LOCKE, C A. 1979. Space-time variations in British Caledonian Granites; some geophysical correlations. Earth and Planetary Science letters, 45, 69–79.

BROWN, G C, CASSIDY, J, LOCKE, C A, PLANT, J, AND SIMPSON, P R. 1981. Caledonian plutonism in Britain: a summary. Journal of Geophysical Research, 86, 10502–10514.

CAWOOD, P A, NEMCHIN, A A, SMITH, M, AND LOEWY, S. 2003. Source of the Dalradian Supergroup constrained by U-Pb dating of detrital zircon and implications for the East Laurentia margin. Journal of the Geological Society, London, 160, 231–246.

CHARLESWORTH, J K. 1956. The Late-glacial history of the Highlands and Islands of Scotland. Transactions of the Royal Society of Edinburgh, 62, 769–928.

CHARLESWORTH, J K. 1957. The Quaternary Era, 2 vols. London: Edward Arnold, 591 and 1700 pp.

CHINNER, G A. 1980. Kyanite isograds of Grampian metamorphism. Journal of the Geological Society, London, 137, 35–39.

CLAPPERTON, C M. 1997. Greenland ice cores and North Atlantic sediments: Implications for the last glaciation in Scotland. In Reflections on the ice age in Scotland- an update on Quaternary studies, Gordon J E (ed.), Scottish Association of Geography Teachers, Glasgow: 45–58.

COLMAN, T B, AND COOPER, D C. 2000. Exploration for Metalliferous and Related Minerals in Britain: A Guide (2nd edition). DTI Minerals Programme Publication No. 1.

CRAIG, G Y, MCINTYRE, D B, AND WATERSTON, C D. 1978. James Hutton's Theory of the Earth: the lost drawings. (Edinburgh: Scottish Academic Press).

CRANE, A, GOODMAN, S, KRABBENDAM, M, LESLIE, A G, PATERSON, I B, ROBERTSON, S AND ROLLIN, K. 2002. Geology of the Glenshee district. Memoir of the British Geological Survey, Sheet 56W and adjacent areas (Scotland).

CUTHBERT, S J. 2008. Eclogite-facies metamorphism in the Central Highland Migmatite complex, Grampian Highlands. 2008 Highland Workshop Abstracts Volume, p.29.

DAWSON, A G. 1980. Shore erosion by frost: an example from the Scottish Lateglacial. 45–53 in: Studies in the Lateglacial of North-west Europe. Lowe, J J, Gray, J M, and Robinson, J E. (eds). (Oxford: Pergamon Press).

DEER, W A.1938. The diorite and associated rocks of the Glen Tilt Complex, Perthshire. 1: The granites and intermediate hybrid rocks. Geological Magazine, 75, 174–184.

DEER, W A. 1950. The diorites and associated rocks of the Glen Tilt Complex: 11: Diorites and Appinites. Geological Magazine, 87, 181–195.

DEER, W. A. 1953. The diorite and associated rocks of the Glen Tilt Complex. 111: Hornblende schist and hornblendite xenoliths in the granite and diorite. Geological Magazine, 90, 27–35.

DEMPSTER, T J, ROGERS, G, TANNER, P W G, BLUCK, B, MUIR, R J, REDWOOD, S D, IRELAND, T R, AND PATERSON, B A. 2002. Timing of deposition, orogenesis and glaciation within the Dalradian rocks of Scotland: constraints from U-Pb zircon ages. Journal of the Geological Society, London, 159, 83–94.

EVEREST, J, AND BRADWELL, T. 2003. Buried glacier ice in southern Iceland and its wider significance. Geomorphology, 52, 347–358.

EVEREST, J, AND GOLLEDGE, N R. 2004. Dating deglaciation in Strath Spey and the Cairngorm Mountains. 50–57 in: The Quaternary of the Central Grampian Highlands of Scotland: Field Guide. (London: Quaternary Research Association).

EVEREST J D AND KUBIC P W. 2006. The deglaciation of eastern Scotland: Cosmogenic 10Be evidence for a Lateglacial stillstand. Journal of Quaternary Science, 21, 95–104.

FANNING, C M, AND LINK, P K. 2004. U-Pb SHRIMP ages of Neoproterozoic (Sturtian) glacigenic Pocatello Formation, southeastern Idaho. Geology, 32, 881–884.

FETTES, D J, GRAHAM, C M, SASSI, F P, AND SCOLARI, A. 1976. The lateral spacing of potassic white micas and facies series variations across the Caledonides. Scottish Journal of Geology, 12, 227–236.

FETTES, D J, GRAHAM, C M, HARTE, B. AND PLANT, J A. 1986. Lineaments and basement domains: an alternative view of Dalradian evolution. Journal of the Geological Society, London, 143, 453–464.

FLETCHER, T P, AND 5 OTHERS. 1996. Geology of the Fortrose and eastern Inverness District. Memoir of the British Geological Survey, Sheet 84W (Scotland).

GAUCHER, C, FRIMMEL, H E, AND GERMS, G J B. 2005. Organic-walled microfossils and biostratigraphy of the upper Port Nolloth Group (Namibia): implications for latest Neoproterozoic glaciations. Geological Magazine, 142, 539–559.

GEOLOGICAL SURVEY OF THE UNITED KINGDOM. 1902. Summary of progress for 1901. (London: His Majesty's Stationery Office).

GIBBARD, P L, BOREHAM, S, COHEN, K M, AND MOSCARIELLO, A. 2005. Global chronostratigraphical correlation table for the 2.7 million years. Boreas, 34, 1 (inclusion).

GILLESPIE, M R, CAMPBELL, S D G, AND STEPHENSON, D. 2011. BGS classification of lithodemic units: a classification of onshore Phanerozoic intrusions in the UK. British Geological Survey Research Report, RR/12/01 58pp.

GLASSER, N F. 1996. Landforms of glacial erosion in the Cairngorm Mountains. 104–113 in: The Quaternary of the Cairngorms: Field Guide. (London: Quaternary Research Association) 149pp.

GLASSER, N F. 1997. The origin and significance of sheet joints in the Cairngorm granite. Scottish Journal of Geology, 33, 125–131.

GLOVER, B W, KEY, R M, MAY, F, CLARK, G C, PHILLIPS, E R. AND CHACKSFIELD, B C. 1995. A Neoproterozoic multi-phase rift sequence: the Grampian and Appin groups of the southwestern Monadhliath Mountains of Scotland. Journal of the Geological Society, London, 152, 391–406.

GOODMAN, S, AND WINCHESTER, J A. 1993. Geochemical variations within metavolcanic rocks of the Dalradian Farragon Beds and adjacent formations. Scottish Journal of Geology, 29, 131–141.

GOLLEDGE, N R. 2002. Glaciotectonic deformation of proglacial lake sediment in the Cairngorm Mountains, Scottish Journal of Geology, 38, 127–136.

GOLLEDGE, N R. 2003. A former ice-dammed lake in Glen Luibeg, Cairngorm Mountains, Scotland. Quaternary Newsletter, 101, 13–24.

GOLLEDGE, N R, AND PHILLIPS, E. 2008. Sedimentology and architecture of De Geer moraines in the western Scottish Highlands, and implications for grounding-line glacier dynamics. Sedimentary Geology, 208, 1–14.

GOLLEDGE, N R, GEMMELL, A M D, AND BRAZIER, V. 2002. The age and palaeoclimatic significance of ice-dammed lake deposits, Western Cairngorm Mountains, Scotland. British Geological Survey Technical Report, IR/02/165.

GOLLEDGE, N R, HUBBARD, A, AND SUGDEN, D E. 2008. High-resolution numerical simulation of Younger Dryas glaciation in Scotland. Quaternary Science Reviews, 27, 888–904.

GOODMAN, S, CRANE, A, KRABBENDAM, M, LESLIE, A G, AND RUFFELL, A. 1997. Correlation of depositional sequences in a structurally complex area: the Dalradian of Glen Fearnach to Glen Shee, Scotland. Transactions of the Royal Society of Edinburgh: Earth Sciences, 87, 503–513.

GORDON, J E. 1993. The Cairngorms. 259–276 In: Gordon, J.E, and Sutherland, D.G. (eds) Quaternary of Scotland. Geological Conservation Review Series, 6. (Peterborough: Joint Nature Conservation Committee).

GORDON, J E, (editor) 1997. Reflections on the Ice Age in Scotland: An update on Quaternary Studies. (Glasgow: Scotlish Association of Geography Teachers and Scotlish Natural Heritage).

GORDON, J E. 2001. The corries of the Cairngorm Mountains. Scottish Geographical Journal, 117, 49-62.

GRADSTEIN, F M, OGG, J G, AND SMITH, A G. (editors). 2004. A Geologic Timescale 2004. (Cambridge: Cambridge University Press).

GREEN, P M, AND BREWARD, N. 1998. The application of a geoscience GIS to assist geological mapping and interpretation in the Monadhliath region of Scotland. British Geological Survey Technical Report, WP/98/04.

HALL, A M. 1986. Deep weathering patterns in north-east Scotland and their geomorphological significance. Zeitschrift für Geomorphologie. 30, 407–422.

HALL, A M. 1991. Pre-Quaternary landscape evolution in the Scottish Highlands. Transactions of the Royal Society of Edinburgh: Earth Sciences, 82, 1–26.

HALL, A M. 1996. The paleic relief of the Cairngorm Mountains 13–27 in: The Quaternary of the Cairngorms: Field Guide. (London: Quaternary Research Association), 149pp.

HALL, A M. 2004. Preglacial relief elements in the Gaick Forest. 23–25 in: The Quaternary of the Central Grampian Highlands of Scotland: Field Guide. (London: Quaternary Research Association).

HALL, A M, AND SUGDEN, D E. 1987. Limited modification of mid-latitude landscapes by ice sheets. Earth Surface Processes and Landforms, 531–542.

HALL.A M, AND GLASSER, N F. 2003. Reconstructing the basal thermal regime of an ice stream in a landscape of selective linear erosion: Glen Avon, Cairngorm Mountains, Scotland. Boreas, 32, 191–207.

Hall, A M, AND MELLOR, A. 1988. The characteristics and significance of deep weathering in the Gaick area, Grampian Highlands, Scotland. Geografiska Annaler, 70 A, 309–31.

HALL, A M, AND JARMAN, D. 2004. Quaternary landscape evolution: Plateau dissection by glacial breaching. 26–40 in: The Quaternary of the Central Grampian Highlands of Scotland: Field Guide. (London: Quaternary Research Association).

HARRIS, A L, HASELOCK, P J, KENNEDY, M J AND MENDUM, J R. 1994. The Dalradian Supergroup in Scotland, Shetland and Ireland. 33–53 in Gibbons, W and Harris, A L (editors). A revised correlation of Precambrian rocks of the British Isles. Special Report of the Geological Society, No. 22.

HARRISON, T N. 1986. The mode of emplacement of the Cairngorm Granite. Scottish Journal of Geology, 22, 303-314.

HARRISON, T N. 1987a. The age and origin of the Eastern Grampian Newer Granites. Scottish Journal of Geology, 23, 269–282.

HARRISON, T N. 1987b. The evolution of the Eastern Grampians Granites. Unpublished PhD thesis, University of Aberdeen. HARRISON, T N. 1988. Magmatic garnets in the Cairngorm Granite. Mineralogical Magazine, 52, 659–667.

HARRISON, T N, AND HUTCHISON, J. 1987. The age and origin of the Eastern Grampians Newer Granites. Scottish Journal of Geology, 23, 269–282.

HARRY, W T. 1965. The form of the Cairngorm Granite Pluton. Scottish Journal of Geology, 1, 1–8.

HARTE, B. 1988. Lower Palaeozoic metamorphism in the Moine-Dalradian belt of the British Isles. 123–134 in The Caledonian- Applachian Orogen. Harris, A L, and Fettes, D J (editors). Special Publication of the Geological Society of London, No. 38.

HIGHTON, A J. 1992. The tectonostratigraphical significance of pre-750 Ma metagabbros within the northern Central Highlands, Inverness-shire. Scottish Journal of Geology, 28, 71–76.

HIGHTON, A J. 1999. Solid geology of the Aviemore district. Memoir of the British Geological Survey, Sheet 74E (Scotland).

HIGHTON, A J, HYSLOP, E K, AND NOBLE, S. 1999. U-Pb zircon geochronology of migmatisation in the northern Central Highlands: evidence for pre-Caledonian (Neoproterozoic) tectonometamorphism in the Grampian Block, Scotland. Journal of the Geological Society, London. 156, 1195–1204.

HINXMAN, L W, AND ANDERSON, E M. 1915. The geology of Mid-Strathspey and Strathdearn, including the country between Kingussie and Grantown. Explanation of Sheet 74. Memoirs of the Geological Survey of Scotland. (HMSO: Edinburgh) 97pp.

HINXMAN, L W, CARRUTHERS, R G, AND MACGREGOR, M. 1923. The geology of Corrour and the Moor of Rannoch. Memoir of the Geological Survey, Scotland, Sheet 54 (Scotland).

HUTTON, D H W. 1987. Strike slip terranes and a model for the evolution of the British and Irish Caledonides. Geological Magazine, 124, 405–425.

HUTTON, J. 1788. Theory of the Earth; or an investigation of the Laws observable in the Composition, Dissolution, and Restoration of the Land upon the Globe. Transactions of the Royal Society of Edinburgh, 1, 209–304.

HUTTON, J. 1794. Observations on Granite. Transactions of the Royal Society of Edinburgh, 3, 77-85.

HYSLOP, E K, AND PIASECKI, M A J. 1999. Mineralogy, geochemistry and the development of ductile shear zones in the Grampian Slide zone of the Scottish Central Highlands. Journal of the Geological Society, London, 156, 577–589.

INSTITUTE OF GEOLOGICAL SCIENCES, 1981. Pitlochry. Scotland Sheet 55E. Solid Geology. 1:50 000 (Ordnance Survey, Southampton, for the Institute of Geological Sciences.)

JAMIESON, T F. 1908. A geologist on the Cairngorms. Cairngorm Club Journal, 5, 82-88.

JARMAN, D. 2004. Rock slope failures of the Gaick Pass. 103–117 In: The Quaternary of the Central Grampian Highlands: Field Guide. S Lukas, J W Merritt, W A Mitchell (eds). (London: Quaternary Research Association).

JARMAN, D. 2005. Large rock slope failures in the Scottish Highlands: Characterisation, causes and spatial distribution. Engineering Geology, 83,161–182.

JARMAN, D. 2007. Introduction to the mass movements in the older mountain areas of Great Britain. 33–56 in: Mass movements in Great Britain, Geological Conservation Review Series, No. 33, Joint Nature Conservation Committee, Peterborough, 348pp.

JOHNSTONE, G S, AND SMITH, D I. 1965. Geological observations concerning the Breadalbane Hydro-Electric Project, Perthshire. Bulletin of the Geological Survey of Great Britain, No. 22, 1–52.

KRABBENDAM, M, LESLIE, A G, CRANE, A, AND GOODMAN, S. 1997. Generation of the Tay Nappe, Scotland, by large-scale SE- directed shearing. Journal of the Geological Society, London, 154, 15–24.

KIRKBRIDE, V, AND GORDON, J E. 2010. The geomorphological heritage of the Cairngorm Mountains. Scottish Natural Heritage Commissioned Report No. 348 (ROAME No. F00AC104).

LESLIE, A G, KRABBENDAM, M. AND SMITH, R A. 2003. Progress Report on the Geology of 1:50k Sheet 64W (Newtonmore) British Geological Survey Internal Report, IR/03/048.

LESLIE, A G, KRABBENDAM, M, AND SMITH, R A. 2006. The Gaick Fold Complex: large scale recumbent folds and their implications for Caledonian structural architecture in the Central Grampian Highlands. Scottish Journal of Geology, 42, 149–159.

LESLIE, A G, SMITH, M, AND SOPER, N J. 2008. Laurentian margin evolution and the Caledonian orogeny–A template for Scotland and East Greenland. In Higgins, A K, Gilotti, J A, and Smith, M P. (eds.) The Greenland Caledonides: Evolution of the Northeast Margin of Laurentia: Geological Society of America Memoir, 202, 307–343.

LINDSAY, N G, HASELOCK, P J, AND HARRIS, A L. 1989. The extent of Grampian orogenic activity in the Scottish Highlands. Journal of the Geological Society, London, 146, 733–735.

LINTON, D L. 1949. Some Scottish river captures re-examined. Scottish Geographical Magazine, 65, 123–32. LINTON, D L. 1951. Problems of Scottish scenery. Scottish Geographical Magazine, 67, 65–85.

LIVINGSTONE, A. 2002. Minerals of Scotland. Past and Present. (Edinburgh: National Museums of Scotland Publishing Limited)

LOCKE, C A. 1980. Geophysical investigations of Caledonian granites within a regional classification. Unpublished PhD thesis, University of Liverpool.

LOWE, J J, RASMUSSEN, S, BJÖRCK, W Z, STEFFENSEN, J P, WALKER, M J C, YU, ZC, AND THE INTIMATE GROUP. 2008. Sychronisation of palaeoenvironmental events in the North Atlantic region during the Last Termination: a revised protocol recommended by the INTIMATE group. Quaternary Science Reviews, 27, 6–17.

LOWE, J J, ALBERT, A, HARDIMAN, M, MACLEOD, A, BLOCKLEY, S. AND PYNE-O'DONNELL, S. 2008. Tephrostratigraphical investigations of the basal sediment sequence at Loch Etteridge. 60–73 in Palmer, A P, Lowe, J J, and Rose, J. (eds). The Quaternary of Glen Roy and vicinity, Field Guide. (London: Quaternary Research Association).

LUKAS, S. 2002. The moraines around the Pass of Drumochter. Scottish Geographical Journal, 119, 383–393.

LUKAS, S. 2003. Scottish Landform Example No. 31: The moraines around the Pass of Drumochter. Scottish Geographical Journal, 119, 383–393.

LUKAS, S. 2005. A test of the englacial thrusting hypothesis of 'hummocky' moraine formation: A case study from the north-west Highlands, Scotland. Boreas, 34, 287–307.

LUKAS, S, AND MERRITT J W. 2004. Evidence for a former ice-dammed lake in Coire Mhic-sith. 149–157 In The Quaternary of the Central Grampian Highlands: Field Guide. Lukas S, Merritt J W, and Mitchell WA (eds). London: Quaternary Research Association).

LUKAS, S, MERRITT, J W, AND MITCHELL, W A. (eds). 2004. The Quaternary of the Central Grampian Highlands of Scotland: Field Guide. (London: Quaternary Research Association).

MACCULLOCH, J. 1816. A geological description of Glen Tilt. Transactions of the Geological Society, London 1st series. 3, 259–337.

MACCULLOCH, J. 1823. Additional remarks on Glen Tilt. Transactions of the Geological Society, London, 1 (New series) 61–72.

MCCABE, M, KNIGHT, J, AND MCCARRON, S. 1998. Evidence for Heinrich Event 1 in the British Isles. Journal of Quaternary Science, 13, 549–568.

MCCAY, G A, PRAVE, A R, ALSOP, G I, AND FALLICK, A E. 2006. Glacial trinity: Neoproterozoic Earth history within the British- Irish Caledonides. Geology, 34, 909–912.

MCMILLAN, A A, HAMBLIN, R J O, AND MERRITT, J W. 2004. An overview of the lithostratigraphical framework for Quaternary and Neogene deposits of Great Britain (Onshore). British Geological Survey Research Report, RR/04/04. Contributors: Auton, C A and Humpage A J.

MCMILLAN, A A, HAMBLIN, R J O, AND MERRITT, J W. 2011. A lithostratigraphical framework for onshore Quaternary and Neogene (Tertiary) superficial deposits of Great Britain and the Isle of Man. British Geological Survey Research Report, RR/10/03.

MAHMOOD, L A. 1986. Mineralogy, petrology and geochemistry of some zoned dioritic complexes in Scotland. Unpublished PhD thesis, University of St Andrews.

MERRITT, J W. 1999. The Quaternary geology of the Dalwhinnie District. British Geological Survey Technical Report, WA/99/14R.

MERRITT, J W. 2004a. The pattern of deglaciation across the Gaick Plateau. In The Quaternary of the Central Grampian

Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, WA (eds). (London: Quaternary Research Association). 58–67.

MERRITT, J W. 2004b. A guide to the geomorphology and glacial geology of the Allt Cuaich catchment and the Gaick Plateau. 180–189 in The Quaternary of the Central Grampian Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, W A (editors). (London: Quaternary Research Association). 117

MERRITT, J W. 2004c. A guide to the geomorphology and glacial geology of the Edendon valley. 118–121 in The Quaternary of the Central Grampian Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, W A (editors). (London: Quaternary Research Association).

MERRITT, J W. 2004d. The glacial stratigraphy along the southern margin of the Gaick Plateau. 133–138 in The Quaternary of the Central Grampian Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, W A (editors). (London: Quaternary Research Association).

MERRITT, J W. 2004e. Excursions into the eastern Gaick. 139–143 in The Quaternary of the Central Grampian Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, W A (editors). (London: Quaternary Research Association).

MERRITT, J W. 2004f. A guide to the geomorphology and glacial geology of the Allt Cuaich catchment and the Gaick Plateau. 180–189 in The Quaternary of the Central Grampian Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, W A (editors). (London: Quaternary Research Association).

MERRITT, J W, LUKAS, S, AND MITCHELL, W A. 2004a. Introduction. 1–17 in The Quaternary of the Central Grampian Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, W A (editors). (London: Quaternary Research Association).

MERRITT, J W, LUKAS, S, AND MITCHELL, W A. 2004b. The age of the landforms in the Central Grampian Highlands - a synthesis. 85–91 in The Quaternary of the Central Grampian Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, W A (editors). (London: Quaternary Research Association).

MERRITT, J W, AUTON, C A, CONNELL, E R, HALL, A M, AND PEACOCK, J D. 2003. The Cainozoic geology and landscape evolution of north-east Scotland. Memoir of the British Geological Survey, Sheets 66E, 67, 76E, 77, 86E, 87W, 87E, 95, 96W, 96E and 97 (Scotland). 178pp.

MORROCCO, S M. 2004. The Drumochter high plateau. 41–49 in The Quaternary of the Central Grampian Highlands: Field Guide. Lukas, S, Merritt, J W, and Mitchell, W A (editors). (London: Quaternary Research Association).

MURCHISON, R I, AND GEIKIE, A. 1861. On the altered rocks of the Western Islands of Scotland, and the North-Western and Central Highlands. Quarterly Journal of the Geological Society, London, 17, 171 and Appendix 228.

NICOL, J. 1844. Guide to the Geology of Scotland. 8vo. Edinburgh.

NICOL, J. 1863. On the geological structure of the Southern Grampians. Quarterly Journal of the Geological Society, London, 19, 180–209.

NOBLE, S, HYSLOP, E K, AND HIGHTON, A J. 1996. High precision U-Pb monazite geochronology of the c. 806 Ma Grampian Shear Zone and the implications for the evolution of the Central Highlands of Scotland. Journal of the Geological Society, London, 153, 511–514.

OLIVER, G J H. 2001. Reconstruction of the Grampian episode in Scotland: its place in the Caledonian Orogeny. Tectonophysics, 332, 23–49.

OLIVER, G J H, CHEN, F, BUCHWALDT, R, AND HEGNER, E. 2000. Fast tectonometamorphism and exhumation in the type area of the Barrovian and Buchan zones. Geology, 28, 459–462.

OLIVER, G J H, WILDE, S A, AND WAN, Y. 2008. Geochronology and geodynamics of Scottish granitoids from the late Neoproterozoic break-up of Rodinia to Palaeozoic collision. Journal of the Geological Society, London, 165, 661–674.

PANKHURST, R J, AND SUTHERLAND D M. 1982. Caledonian granites and diorites. 575–581 in Igneous rocks of the British Isles. Sutherland, DM. (editor). (London: Wiley Interscience).

PANTIN, H M. 1961. The stratigraphy and structure of the Blair Atholl–Ben a' Ghlo, area, Perthshire, Scotland. Transactions of the Royal Society of New Zealand, 88, 597–622.

PEARS, N V. 1970. Post-glacial tree-lines of the Cairngorm Mountains; some modifications based on radiocarbon dating. Transactions of the Botanical Society of Edinburgh, 40, 536–544.

PEARS, N V. 1988. Pine stumps, radiocarbon dates and stable isotope analysis in the Cairngorm Mountains: some observations. Review of Palaeobotany and Palynology, 54, 175–180.

PHILLIPS, E R, KEY, R M, CLARK, G C, MAY, F, GLOVER, B W, AND CHACKSFIELD, B C. 1994. The tectonothermal evolution of the Neoproterozoic Grampian and Appin Groups, southwestern Monadhliath Mountains, Scotland. Journal of the Geological Society, London, 151, 971–986.

PHILLIPS, E R, HIGHTON, A J., HYSLOP, E K., AND SMITH, M. 1999. The timing and P-T conditions of regional metamorphism in the Central Scottish Highlands. Journal of the Geological Society, London, 156, 1183–1193.

PHILLIPS, E R, AND AUTON, C A, 2000. Micromorphological evidence for polyphase deformation of glaciolacustrine sediments from Strathspey, Scotland. 279–292. In: Maltman, A J, Hubbard, B, Hambrey, J M. (Eds.), Deformation of Glacial Materials, 176. Geological Society, Special Publications, London..

PHILLIPS, E R, MERRITT, J W, AUTON, C A. AND GOLLEDGE, N R. 2007. Microstructures in subglacial and proglacial sediments: understanding faults, folds and fabrics, and the influence of water on the style of deformation. Quaternary Science Reviews, 26, 1499–1528.

PIASECKI, M A J. 1980. New light on the Moine rocks of the Central Highlands of Scotland. Journal of the Geological Society, London, 137, 41–59.

PIASECKI, M A J, AND VAN BREEMEN, O. 1979. The 'Central Highland Granulites': cover-basement tectonics in the Moine. 139–144 in The Caledonides of the British Isles–reviewed. Harris, A L, Holland, C H, and Leake, B E. (editors). Geological Society of London Special Publication No. 8.

PIASECKI, M A J, AND VAN BREEMEN, O. 1983. Field and isotopic evidence for a c. 750 Ma tectonothermal event in Moine rocks in the Central Highland region of the Scottish Caledonides. Transactions of the Royal Society of Edinburgh: Earth Sciences, 73, 119–134.

PIASECKI, M A J, AND TEMPERLEY, S. 1988. The Central Highland Division. In: Winchester, J A (ed.) Later Proterozoic stratigraphy of the northern Atlantic regions. 46–53. (London: Blackie).

PLANT, J A, BROWN, G C, SIMPSON, P R, AND SMITH, R T. 1980. Signatures of metalliferous granites in the Scottish Caledonides. Transactions of the Institution of Mining and Metallurgy, 89, B198–209.

PLANT, J A, HENNY, P J, HENNEY AND SIMPSON, P R. 1990. The genesis of tin-uranium granites in the Scottish Caledonides: implications for metallogenesis. Geological Journal, 25, 431–442.

PLAYFAIR, J. 1805. Life of Dr. Hutton. Transactions of the Royal Society of Edinburgh, 5, part 3, 39–99.

PORTER, S C. 1989. Some geological implications of average Quaternary glacial conditions. Quaternary Research, 32, 245–261

PRAVE, A R. 1999. The Neoproterozoic Dalradian Supergroup of Scotland: an alternative hypothesis. Geological Magazine, 136, 609–617.

PRAVE, A R, STRACHAN, R A, AND FALLICK, A E. 2009. Global C cycle perturbations recorded in marbles: a record of Neoproterozoic Earth history within the Dalradian succession of the Shetland Islands, Scotland. Journal of the Geological Society, London, 166, 129–135.

RAPSON, S C. 1985. Minimum age of corrie moraines in the Cairngorm Mountains, Scotland. Boreas, 14, 155–159. REA, B R. 1998. The Cairngorms: a landscape of selective linear erosion. Scottish Geographical Magazine, 75, 51–55.

READ, H H. 1961. Aspects of the Caledonian magmatism in Britain. Proceedings of the Liverpool and Manchester Geological Society, 2, 653–683.

ROBERTSON, S. AND SMITH, M. 1999. The significance of the Geal Charn-Ossian Steep Belt in basin development in the Central Scottish Highlands. Journal of the Geological Society, London, 156, 1175–1182.

ROGERS, G, DEMPSTER, T J, BLUCK, B J, AND TANNER, P W G. 1989. A high-precision U/Pb age for the Ben Vuirich granite: implications for the evolution of the Scottish Dalradian Supergroup. Journal of the Geological Society, London, 146, 789–798.

ROLLIN, K E. 1984. Gravity modelling of the Eastern Highlands granites in relation to heat flow studies. Investigations of the geothermal potential of the UK. (Keyworth, Nottingham: British Geological Survey).

ROLLIN, K E. 1993. Geophysical interpretation around the Monadhliath granite (Sheet 74). British Geological Survey Technical Report, WK/93/16.

ROSE, J. 1989. Stadial type sections in the British Quaternary. 45–67 in Quaternary type sections: imagination or reality? Rose, J, and Schlüchter, C, (editors). (Rotterdam: Balkema).

SEYMOUR, Lord W. 1815. An account of observations, made by Lord Webb Seymour and Professor Playfair, upon some geological appearances in Glen Tilt and the adjacent country. Transactions of the Royal Society of Edinburgh, 7, 303–375.

SHACKLETON, N J, BERGER, A, AND PELTIER, W R. 1990. An alternative astronomical calibration of the lower Pleistocene time based on ODP Site 677. Transactions of the Royal Society of Edinburgh for Earth Sciences, 81, 251–261.

SHACKLETON, N J, AND 16 OTHERS. 1984. Oxygen isotope calibration of the onset of ice-rafting and history of glaciation in the North Atlantic region. Nature, London, 307, 620–623.

SHAW, P, AND THOMPSON, D B A. (eds) 2006. The nature of the Cairngorms: Diversity in a changing environment. Scottish Natural Heritage, Edinburgh, 444pp.

SISSONS, J B. 1967. The Evolution of Scotland's Scenery. (Edinburgh and London: Oliver and Boyd.)

SISSONS J B. 1974. A Late-Glacial ice cap in the central Grampians, Scotland. Transactions of the Institute of British Geographers, 62: 95–114.

SISSONS, J B. 1976. The Geomorphology of the British Isles: Scotland. (London: Methuen).

SISSONS, J B. 1979a. The Loch Lomond Advance in the Cairngorm Mountains. Scottish Geographical Magazine. 95, 66–82.

SISSONS, J B. 1979b. The Loch Lomond Stadial in the British Isles. Nature, London, 280, 199–203.

SISSONS J B. 1980. Palaeoclimatic inferences from Loch Lomond Advance Glaciers. 31–44. In: Studies in the Lateglacial of North-west Europe, Lowe J J, Gray J M and Robinson J E (eds). (Oxford: Pergamon Press).

SISSONS, J B. 1981. The last Scottish ice-sheet: facts and speculative discussion. Boreas, 10, 1–17.

SISSONS J B, AND SUTHERLAND, D G. 1976. Climatic inferences from former glaciers in the south-eastern Grampian Highlands, Scotland. Journal of Glaciology, 17: 325–46.

SISSONS, J B, AND WALKER, M J C. 1974. Lateglacial site in the central Grampian Highlands. Nature, 249. 119

SMITH, C G, GOODMAN, S, AND ROBERTSON, S. 2002. Geology of Braemar. Memoir of the British Geological Survey, Sheet 65E (Scotland).

SMITH, M, ROBERTSON, S, HIGHTON, A J AND SMITH, R A. 1997. Geology of the Drumochter-Gaick-Glen Feshie area and recommendations for future work. British Geological Survey Technical Report WA/97/89R.

SMITH, M, ROBERTSON, S, AND ROLLIN, K E. 1999. Rift basin architecture and stratigraphical implications for basement-cover relationships in the Neoproterozoic Grampian Group of the Scottish Caledonides. The Journal of the Geological Society, London, 156, 1163–1173.

SMITH, R A, AND HARRIS, A L. 1976. The Ballachulish rocks of the Blair Atholl district. Scottish Journal of Geology, 12, 153–157.

SMITH, R A. 1980. The geology of the Dalradian rocks around Blair Atholl, Central Perthshire, Scotland. Unpublished PhD Thesis University of Liverpool.

SOPER, N J. 1986. The Newer Granite problem: a geotectonic view. Geological Magazine, 123, 227–236.

SOPER, N J, RYAN, P D, AND DEWEY, J F. 1999. Age of the Grampian orogeny in Scotland and Ireland. Journal of the Geological Society, London, 156, 1231–1236.

SPENCER, A M. 1971. Late Precambrian Glaciation in Scotland. Memoir of the Geological Society, London, No. 6, 98pp. STEPHENS, W E, AND HALLIDAY, A N. 1984. Geochemical contrasts between late Caledonian granitoid plutons of northern, central and southern Scotland. Transactions of the Royal Society of Edinburgh: Earth Sciences, 75, 259–273.

STEPHENSON, D. 1990. Monadhliath project, Sheet 64E, field report 1990: part of 1: 10 000 sheets NN97NE and NO07 NW. British Geological Survey internal report, HI/DS/90/2.

STEPHENSON, D. 1991. Monadhliath project, Sheet 64E, field report 1991: parts of 1: 10 000 sheets NN97NE, NN97SE and NO07 NW. British Geological Survey internal report HI/DS/91/1.

STEPHENSON, D. 1995. Monadhliath project, Sheet 64E, field report 1992 and 1995: parts of 1: 10 000 sheets; NN97NW, NE, SW, SE, NN98SE and NO07NW, SW, NO08 SW. British Geological Survey Internal Report HI/DS/95/1.

STEPHENSON, D. 1999. Forest Lodge. In Stephenson, D et al. Caledonian igneous rocks of Great Britain, Geological Conservation Review Series, 17. (Peterborough: Joint Nature Conservation Committee).

STEPHENSON, D, AND GOULD, D. 1995. British regional geology: the Grampian Highlands. 4th Edition. (London: HMSO for British Geological Survey). 262 pp.

STONE, J O, AND BALLANTYNE, C K. 2006. Dimensions and deglacial chronology of the Outer Hebrides Ice Cap, northwest Scotland: implications of cosmic ray exposure dating. Journal of Quaternary Science, 21, 75–84.

SUGDEN, D E. 1968. The selectivity of glacial erosion in the Cairngorm Mountains, Scotland. Transactions of the Institute of British Geographers, 45, 79–92.

SUGDEN, D E. 1969. The age and form of corries in the Cairngorms. Scottish Geographical Magazine, 85, 34–46.

SUGDEN, D E. 1970. Landforms of deglaciation in the Cairngorm Mountains, Scotland. Transactions of the Institute of British Geographers, 51, 201–219.

SUGDEN, D E. 1973. Hypothesis of deglaciation in the Eastern Grampians, Scotland. Scottish Journal of Geology, 9, 94–95. SUGDEN, D E. 1974. Deglaciation of the Cairngorms and its wider implications. 17–28. In C.J. Caseldine W.A. Mitchell (eds). Problems of the deglaciation of Scotland. St. Andrews, Department of Geography, University of St. Andrews.

SUGDEN, D E. 1980. The Loch Lomond Advance in the Cairngorms (a reply to JB Sissons). Scottish Geographical Magazine, 96, 18–19.

SUTHERLAND, D G. 1984. The Quaternary deposits and landforms of Scotland and the neighbouring shelves: a review. Quaternary Science Reviews, 3, 157–254.

SUTHERLAND, D G. 1993. Eastern Grampian Mountains. 257–259 in The Quaternary of Scotland. Gordon, J E, and Sutherland, D G (editors). (London: Chapman and Hall.)

SUTHERLAND, D G, AND GORDON, J E. 1993. The Quaternary in Scotland. 13–47 in The Quaternary of Scotland. (Geological Conservation Review Series: 6). Gordon, J E, and Sutherland, D G (editors). (London: Chapman and Hall).

TANNER, P W G. 1996. Significance of the early fabric in the contact metamorphic aureole of the 590 Ma Ben Vuirich Granite, Perthshire, Scotland. Geological Magazine, 133, 683–695.

TANNER, P W G AND LESLIE, A G. 1994. A pre-D2 age for the 590 Ma Ben Vuirich Granite in the Dalradian of Scotland. Journal of the Geological Society, London 151, 209–212.

TANNER, P W G, LESLIE, A G, AND GILLESPIE, M R. 2006. Structural setting and petrogenesis of the Ben Vuirich Granite Pluton of the Grampian Highlands: a pre-orogenic, rift-related intrusion. Scottish Journal of Geology, 42, 113–136.

TANNER, P W G AND SUTHERLAND, 2007. The Highland Border Complex, Scotland: a paradox resolved. Journal of the Geological Society, London 164, 111–116.

TEMPERLEY, S. 1991. The Late Proterozoic to Early Palaeozoic geology of the Glen Banchor area in the Monadhliath Mountains of Scotland, with particular reference to the deformation in the Knoydartian shear zones and the Caledonian Central Highland steep belt. Unpublished PhD thesis, University of Hull, UK.

THOMAS, C W, GRAHAM, C M, ELLAM, R M, AND FALLICK, A E. 2004. 87Sr/86Sr chemostratigraphy of Neoproterozoic Dalradian limestones of Scotland and Ireland: constraints on depositional ages and time scales. Journal of the Geological society, London, 161, 229–242.

THOMAS, P R. 1965. The structure and metamorphism of the Moinian rocks in Glen Garry, Glen Tilt and adjacent districts of Scotland. Unpublished PhD Thesis University of Liverpool.

THOMAS, P.R. 1979. New evidence for a Central Highland Root Zone. 205–211 in The Caledonides of the British Isles–reviewed. Harris, A.L., Holland, C.H., and Leake, B.E. (editors). Geological Society of London Special Publication No. 8.

THOMAS, P R. 1980. The stratigraphy and structure of the Moine rocks N of the Schiehallion Complex, Scotland. Journal of the Geological Society, London, 137, 469–482.

THOMAS, P R. 1988. Excursion 1. A9 Road section—Blair Atholl to Newtonmore. 39–50 in An excursion Guide to the Moine Geology of the Scottish Highlands. Allison, I, May, F, and Strachan, R A. (eds) Scottish Academic Press.

TILLEY, C E. 1925. A preliminary survey of metamorphic zones in the southern Highlands of Scotland. Quarterly Journal of the Geological Society of London, 81. 100–112.

TREAGUS, J E. 1987. The structural evolution of the Dalradian of the Central Highlands of Scotland. Transactions of the Royal Society of Edinburgh: Earth Sciences, 78, 1–15.

TREAGUS, J E. 1991. Fault displacements in the Dalradian of the Central Highlands. Scottish Journal of Geology, 27, 135–145.

TREAGUS, J E. 2000. Solid Geology of the Schiehallion district. Memoir of the British Geological Survey, Sheet 55W (Scotland).

TREWIN, N H, AND ROLLIN, K E. 2002. Geological history and structure of Scotland. In: Trewin, N.H. (ed.) The geology of Scotland. The Geological Society, London, 1–25.

TREWIN, N H, AND THIRLWALL, M F. 2002. The Old Red Sandstone. In: Trewin, N.H. (ed.) The Geology of Scotland. The Geological Society, London, 213–249.

UPTON, P S. 1986. A structural cross-section of the Moine and Dalradian rocks of the Braemar area. Report of the British Geological Survey, 17, 9–19.

VAN BREEMEN, O, AND PIASECKI, M A J. 1983. The Glen Kyllachy Granite and its bearing on the nature of the Caledonian Orogeny in Scotland. Journal of the Geological society, London, 140, 47–62.

VERNON, R H. 1987. Growth and concentration of fibrous sillimanite related to heterogeneous deformation in K-feldspar-sillimanite metapelites. Journal of Metamorphic Geology, 5, 51–68.

WALKER, M J C. 1975. Late Glacial and Early Postglacial environment history of the central Grampian Highlands, Scotland. Journal of Biogeography, 2, 265–284.

WALKER, M J C. 1993. Loch Etteridge. 280–285. In: Gordon, J.E. and Sutherland, D.G. (eds) Quaternary of Scotland. Geological Conservation Review Series, 6. (Peterborough: Joint Nature Conservation Committee).

WALKER, M J C. 2008. Lateglacial and Early Holocene pollen records in the Upper Truim Valley. 53–59 in Palmer, A.P., Lowe, J.J. and Rose, J. (eds). The Quaternary of Glen Roy and vicinity, Field Guide. (London: Quaternary Research Association).

WATSON, J V. 1984. The ending of the Caledonian orogeny in Scotland. Journal of the Geological Society, London, 141, 193–214.

WEBB, P C, AND BROWN, G C. 1984. The eastern Highland granites: heat production and related geochemistry. Investigation of the geothermal potential of the UK. (Keyworth, Nottingham: British Geological Survey).

WELLS, P R A. 1979. P-T conditions in the Moines of the Central Highlands, Scotland. Journal of the Geological Society, London, 136, 663–671.

WELLS, P R A, AND RICHARDSON, S W. 1979. Thermal evolution of metamorphic rocks in the Central Highlands of Scotland. 339–344 in The Caledonides of the British Isles–reviewed. Harris, A L, Holland, C H, and Leake, B E, (editors). Geological Society of London Special Publication No. 8.

WERRITY, A, and McEwen, L J. 1993. Glen Feshie. 298–303. In: Gordon, J.E. and Sutherland, D.G. (eds) Quaternary of Scotland. Geological Conservation Review Series, 6. (Peterborough: Joint Nature Conservation Committee).

WINCHESTER, J A. 1974. The zonal pattern of regional metamorphism in the Scottish Caledonides. Journal of the Geological Society, London, vol. 130, 509–524.

WOODCOCK, N H, SOPER, N J, AND STRACHAN, R A. 2007. A Rheic cause for the Acadian deformation in Europe. Journal of the Geological Society, London, 164, 1023–1036.

YOUNG, J A T. 1974. Ice wastage in the Glenmore, upper Spey Valley, Inverness shire. Scottish Journal of Geology, 10, 147–57.

YOUNG, J A T. 1975. Ice wastage in Glen Feshie, Inverness-shire. Scottish Geographical Magazine, 91, 91–101.

YOUNG, J A T. 1976. The terraces of Glen Feshie, Inverness-shire. Transactions of the Royal Society of Edinburgh, 69, 501–12.

YOUNG, J A T. 1978. The Landforms of Upper Strathspey. Scottish Geographical Magazine, 94, 76–94.