

SIMON FRASER UNIVERSITY

S.73-5

MEMORANDUM

To SENATE

From SENATE COMMITTEE ON UNDERGRADUATE STUDIES

Subject FACULTY OF ARTS - NEW COURSE
PROPOSAL - ARCHAEOLOGY 439-3

Date DECEMBER 13, 1972

MOTION: "That Senate approve the new course proposal, as set forth in S.73-5, for Archaeology 439-3 - Early Man and Environments in North America."

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Subject FACULTY OF ARTS - NEW COURSE
PROPOSAL - ARCHAEOLOGY 439-3

Date DECEMBER 13, 1972

On recommendation of the Faculty of Arts, the Senate Committee on Undergraduate Studies has approved the new course proposal Archaeology 439-3 - Early Man and Environments in North America, as set forth in SCUS 72-36, and recommends approval to Senate.

SIMON FRASER UNIVERSITY

SCUS 72-36

MEMORANDUM

To Dr. Ian Mugridge, Chairman, S.C.U.S.	From Dr. Roy Carlson, Chairman, Archaeology Department.
Subject New Archaeology Courses	Date November 23, 1972

Two new Archaeology courses Archaeology 438 - Stratigraphy of Archaeological Sites and Archaeology 439 - Early Man and Environments in North America were proposed by this Department, passed by the Faculty of Arts Curriculum Committee, and passed by the Faculty of Arts. The Faculty of Arts Curriculum Committee recommended that we discuss these courses with the Geography Department prior to their presentation to S.C.U.S. These discussions did indeed take place with Geography on our instigation prior to the S.C.U.S. meeting, and agreement in principle was reached. There was, however, insufficient time before the S.C.U.S. meeting to work out the details of the in principle agreement.

Archaeology 439 - Early Man and Environments in North America

The Geographers had expressed concern that this course overlapped with Geography 416-5 Pleistocene Geography, and Geography 342-3, Geography of Prehistoric Societies. We explained to the Geographers that this course is roughly 90% post Pleistocene in its coverage and is limited regionally to North America, and that unless the Geographers are teaching outside the calendar description for Geography 416-5 the amount of overlap was at best 10%. We similarly pointed out that we offer the lower division background to this course, Archaeology 273 - Archaeology of the New World. We agreed that this amount of overlap was insignificant.

In response to the Geographers' concern regarding overlap of this course with Geography 342-3, we pointed out that Geography 342 overlaps not with this course, but with the lower division pre-requisites for this course and that we do not approve Archaeology majors taking Geography 342 because of duplication of content with our lower division course offerings. We also expressed the principle that Geography should be taught in the Geography Department and Archaeology in the Archaeology Department and that the curricula should be structured to facilitate students taking complementary courses in the respective areas of disciplinary specialization within the Departments.

As a result of the above discussions, it was agreed that there was minimal overlap between the proposed new Archaeology course, Archaeology 439, and the Geography course offerings and that this course should go forward unmodified.

Archaeology 438 - Stratigraphy of Archaeological Sites

Considerable discussion centered around this course as it partly involves a discipline which is neither Geography nor Archaeology, but Geology which is taught as part of the content of both some Geography and some Archaeology courses. We eventually agreed to division of the proposed Archaeology 438 into two courses:

- (1) a 300 level, 3 credit Geography course which would be pre-requisite to
- (2) a 3 credit Archaeology course retaining the number Archaeology 438 and entitled Application of Sedimentology to Archaeological Sites

We agreed to the above as it is an academically sound arrangement, and conforms to the general principle of Geographic specializations being offered in the Geography Department, and Archaeological ones in the Archaeology Department.

The revised course proposals are in preparation and will be forwarded as soon as they are completed.

R Carlson

/sh

c.c. Dr. N. Lincoln,
Dean of Arts.

Dr. R. Saunders,
Arts Curriculum Committee.

All Archaeology Faculty.

SIMON FRASER UNIVERSITY

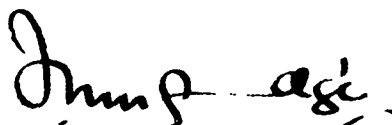
MEMORANDUM

Dr. R. Saunders Chairman, Arts Faculty Curriculum Committee	From I. Mugridge Chairman, Senate Committee on Undergraduate Studies
Subject Submission of Archaeology 438-5 and 439-5	Date November 20, 1972

At its meeting of Tuesday, 14th November, the Senate Committee on Undergraduate Studies considered the above courses and a motion to refer them to the Faculty of Arts was carried.

This action was taken largely because concern was expressed concerning the overlap of these courses with some courses already offered by the Geography Department and the Committee's feeling that it should encourage and develop co-operation in the Faculty of Arts by proposing that one or both of these courses should be offered jointly by the Departments of Geography and Archaeology. It should be noted that mention was made in the meeting of negotiations which were already underway between these two departments.

This submission is therefore returned to your Committee and to the Departments concerned for suitable re-examination and action.


I. Mugridge

:ams

c.c. Registrar
Chairman, Archaeology Department

FACULTY OF ARTS
NEW COURSE PROPOSAL

September 1971

1. CALENDAR INFORMATION

Department: Archaeology Course Number: 439 Title: Early Man and
Sub-title or Description: Environments in North America

A discussion of theories concerning human cultural adaptations to the
Late Pleistocene environments of North America.

Credit Hours: 3 Vector Description: 3-0-0
Pre-requisite(s): Any 100 or 200 level Archaeology course

2. ENROLMENT AND SCHEDULING

Estimated Enrolment: 30

Semester Offered (e.g. yearly, every Spring; twice yearly, Fall
and Spring):

Once yearly

When will course first be offered?

1974

3. JUSTIFICATION

- A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department, and from courses in other departments in the University?

This subject has previously been briefly dealt with in Archaeology 273. There are no equivalent courses in this or other departments

- B. What is the range of topics that may be dealt with in the course?

Lectures will deal with man's initial entry into North America and his spread throughout the continent in relation to the paleo-environmental sequences of the Late Pleistocene. Specific topics will include the Bering Land Bridge, Pleistocene sea-levels, and regional glacial-climatic chronologies and their effects on early human migrations and adaptations.

- C. How does this course fit the goals of the department?
This subject is an essential foundation to the archaeology of northern North America and will be particularly useful to students engaged in field work in Canada.

- D. How does this course affect degree requirements?

This course can be used to satisfy degree requirements and is recommended for archaeology majors.

- E. What are the calendar changes necessary to reflect the addition of this course?

Addition to the calendar

- F. What course, if any, is being dropped from the calendar if this course is approved?

None

- G. What is the nature of student demand for this course?

High

- H. Other reasons for introducing the course.

4. BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Prof. Fladmark, Dr. Alexander, Prof. Hobler

B. What are the special space and/or equipment requirements for this course?

classroom space

C. Any other budgetary implications of mounting this course:

None

Approval:

Curriculum Committee:

Oct. 19/72

Dean of Faculty:

Oct. 26/72

Senate Undergraduate
Studies Committee:

Senate:

EARLY MAN AND ENVIRONMENTS IN NORTH AMERICA

3 hours lectures per week

K.R.Fladmark

Description

Study of the origin and spread of early man in ^{Western} North America in relation to the physical environment and climate of the Late Pleistocene.

Required Reading

1. Shutler, Richard Jr. (ed.)
1971 Papers from a Symposium on Early Man in North America, New Developments 1960-1970.
Arctic Anthropology, Vol. 8, No. 2., Univ. of Wisconsin Press
2. Hopkins, David M.
1967 The Bering Land Bridge.
Stanford Univ. Press
3. Fryan, A.L.
1965 Paleo-American Prehistory.
Ocasional Paps. I.S.U. Museum, No. 16
4. Wormington, H.M.
1957 Ancient Man in North America.
Denver Museum of Natural History, Popular Series No. 4
5. C. Irwin-Williams (ed.)
1968 Early Man in Western North America
Eastern New Mexico Univ. Contributions in Anthropology, Vol. 1, No. 4, Dec.

ARCHAEOLOGY 439

PRELIMINARY BIBLIOGRAPHY OF SOURCE MATERIAL RELATING
TO LATE PLEISTOCENE ENVIRONMENTS AND EARLY MAN IN
NORTHWESTERN NORTH AMERICA, WITH PARTICULAR REFERENCE
TO BRITISH COLUMBIA

Knut R. Fladmark
Department of Archaeology, SFU

October, 1972

- ACKERMAN, Robert E.
1968 The Archaeology of the Glacier Bay Region, Southeastern Alaska. Washington State University, Laboratory of Anthropology, Repts. of Invests., No. 44.
- ALLISON, I. S.
1933 New Version of the Spokane Flood. Geological Society of America Bulletin, Vol. 45, pp. 675-722.

1936 Pleistocene Alluvial Stages in Northwestern Oregon. Science, Vol. 83, pp. 441-3.
- ANDERSON, A. L.
1927 Some Miocene and Pleistocene Drainage Changes in Northern Idaho. Idaho Bureau Mines and Geology, Pamphlet 18.
- ARMSTRONG, J. E.
1949 Fort St. James Map-Area, Cassiar and Coast Districts, British Columbia. Geological Survey of Canada, Mem. 252.

1953 Geology of the Sand and Gravel Deposits in the Lower Fraser Valley, British Columbia. Canadian Mines and Metals Bulletin, April, pp. 234-41.
- 1956a Surficial Geology of the Vancouver Area. G.S.C. Paper, 55-40.
- 1956b Mankato Drift in the Lower Fraser Valley of B.C., G.S.A.B., Vol. 67, pp. 1666-8.
- 1957 Surficial Geology of the New Westminster Map-Area. G.S.C. Paper, 57-5.
- 1959 Surficial Geology of the Sumas Map-Area. G.S.C. Paper, 59-9.
- 1960 Surficial Geology of the Chilliwack Map-Area. G.S.C. Paper, Preliminary Report.
- 1961 Soils of the Coastal Area of Southwestern British Columbia. In: Soils of Canada. (R.F. Leggett ed.), Royal Society of Canada Special Publication No. 3, pp. 22-32.

- ARMSTRONG, J. E. &
W. L. BROWN
1954
Late Wisconsin Marine Drift and Associated Sediments
of the Lower Fraser Valley, British Columbia, Canada.
G.S.A.B., Vol. 65, pp. 349-64.
- ARMSTRONG, J. E. &
CRANDELL, D. R.;
EASTERBROOK, D. J. &
J. NOBLE
1965
Late Pleistocene Stratigraphy and Chronology in
Southwestern British Columbia and Northwestern
Washington. G.S.A.B. Vol. 76, pp. 321-30.
- ARMSTRONG, J. E.;
CRANDELL, D. R.;
EASTERBROOK, D. J. &
1966
Glacial Studies Kitimat - Terrace Area. G.S.C. Paper,
66-1, p. 50.
- ARMSTRONG, J. E. &
LEAMING, S. F.
1968
Surficial Geology, Prince George Map-Area, British
Columbia. G.S.C. Report of Activities Paper, 68-1,
Part A. pp. 151-2.
- 1969
Surficial Geology, Prince George Map-Area, British
Columbia. G.S.C. Map 3-1969.
- ARMSTRONG, J. E. &
H. W. TIPPER
1948
Glaciation in North Central British Columbia.
American Journal of Science, Vol. 246, pp. 283-310.
- BALDWIN, E. M.
1939
Late Cenozoic Diastrophism Along the Olympic Coast.
Ms. M.Sc., Washington State College.
- BEDWELL, S. F.
1970
Prehistory and Environment of the Pluvial Fort Rock
Lake Area of South Central Oregon. Ms. Ph.D. thesis,
University of Oregon, Eugene.
- BERRY, E. W. &
1922
Pleistocene Interglacial Deposits in the Vancouver
Region, British Columbia. Transactions Royal Society
of Canada, Series 3, Vol. 16, Sect. 4, pp. 133-40.
- BIK, M. J. J.
1969
The Origin and Age of the Prairie Mounds of Southern
Alberta, Canada. Biuletyn Peryglacjalny, Vol. 19,
pp. 85-130, Lodz.
- BLACK, R. F.
1966
Late Pleistocene and Recent History of Bering Sea,
Alaska Coast and Man. Arctic Anthropology, Vol. 3,
No. 2.
- BLACK, R. F. &
W. S. LAUGHLIN
1964
Anangula: A Geological Interpretation of the
Oldest Archaeological Site in the Aleutians. Science,
Vol. 143, pp. 1321-2.
- BLISS, W. L.
1938
An Archaeological and Geological Reconnaissance of
Alberta, Mackenzie Valley, and Upper Yukon. American
Philosophical Society Yearbook (1938), pp. 136-9.

- BORDEN, C. E.
1965 Radiocarbon and Geological Dating of the Lower Fraser Canyon Sequence. Proceedings of the 6th International Conference on Radiocarbon and Tritium Dating, Pullman, Washington, pp. 165-78.
- 1968 A Late Pleistocene Pebble Tool Industry of Southwestern British Columbia. In: Early Man in Western North America (C. Irwin-Williams ed.), Eastern New Mexico University Contributions in Anthropology, Vol. 1, No. 4, pp. 55-69.
- BOSTOCK, H. S.
1948 Physiography of the Canadian Cordillera, with Special Reference to the Area North of the 55th Parallel. G.S.C. Memoirs, 247.
- 1966 Notes on Glaciation in Central Yukon Territory. G.S.C. Paper, 65-36.
- BRETZ, J. H.
1913 Glaciation of the Puget Sound Region. Washington (State) Geological Survey, Bulletin No. 8.
- 1923 Glacial Drainage on the Columbia Plateau. G.S.A.B., Vol. 34, pp. 573-608.
- 1924 The Age of the Spokane Glaciation. American Journal of Science, 5th series, Vol. 8, pp. 336-42.
- 1925 The Spokane Flood Beyond the Channeled Scablands. Journal of Geology, Vol. 33, pp. 97-115, 236-59.
- 1943 Kewatin End Moraines in Alberta, Canada. G.S.A.B., Vol. 54, pp. 31-52.
- BREW, David A.;
LONEY, R. A. &
MIFFLER, L. J. P.
1966 Tectonic History of Southeastern Alaska. C.I.M.M. Special Vol. No. 8, pp. 149-70.
- BRODE, H. S.
1928 Some Fossil Mammals of Washington. Northwest Science, Vol. 2, p. 11.
- BROEKER, W. S. &
J. L. KULP
1957 Lamont Natural Radiocarbon Measurements IV. Science, Vol. 126, pp. 1324-34.
- BRYAN, A. L.
1967 The First People. In: Alberta - A Natural History (W. G. Hardy ed.), Chapt. 12, pp. 277-93.
- 1968 Some Problems and Hypotheses Relative to the Early Entry of Man into America. Anthropologica, Vol. 10, No. 2, pp. 157-77.

- BRYSON, R. A. &
W. M. WENDLAND
1967
Tentative Climatic Patterns for Some Late Glacial and Postglacial Episodes in Central North America. In: Life, Land and Water (W.J. Mayer-Oakes ed.), University of Manitoba Press, pp. 271-98.
- BRYSON, R. A.;
WENDLAND, W. M.;
IVES, J. D. &
J. T. ANDREWS
1969
Radiocarbon Isochrons on the Disintegration of the Laurentide Ice Sheet. Arctic and Alpine Research, Vol. 1, No. 1, pp. 1-14.
- BYERS, D.
1957
The Bering Land Bridge, Some Speculations. Ethnos., Vol. 22, pp. 20-6, Stockholm.
- CALHOUN, F. H. H.
1906
The Montana Lobe of the Keewatin Ice Sheet. United States Geological Survey Professional Papers, No. 50.
- CAMPBELL, J. D.
1952
Paleobotany and Stratigraphic Sequence of the Pleistocene Klondike Muck Deposits. Ms. Ph.D. thesis, McGill University.
- CAMPBELL, J. M.
1963
Ancient Alaska and Paleolithic Europe. University of Alaska Anthropological Papers, Vol. 10, pp. 29-49.
- CAPPS, S. R.
1916
An Ancient Volcanic Eruption in the Upper Yukon Basin. U.S.G.S. Professional Paper, No. 95, pp. 59-64.
- CARY, A. S. &
C. N. CARLSTON
1937
Notes on Vashon Glaciation of the South Fork of the Skyomish River Valley, Washington. Northwest Science, Vol. 11, pp. 61-2.
- BRYAN, A. L.
1965
Paleo-American Prehistory. Occasional Papers Idaho State University Museum, No. 16, Pocatello.
- COLEMAN, A. P.
1909
The Drift of Alberta and the Relations of the Cordilleran and Keewatin Ice Sheets. Transactions Royal Society of Canada, Sect. 4, Series 3, Vol. 3, pp. 3-12.
- COLVINAUX, P. A.
1963
A Pollen Record from Arctic Alaska Reaching Glacial and Bering Land Bridge Times. Nature, Vol. 198, pp. 609-10.
- 1964
The Environment of the Bering Land Bridge. Ecological Monographs, Vol. 34, pp. 297-29.
- 1967
Quaternary/Vegetational History of Arctic Alaska. In: The Bering Land Bridge (D. M. Hopkins ed.), Stanford University Press, pp. 207-31.
- COOPER, W. S.
1958
Coastal Sand Dunes of Oregon and Washington. G.S.A. Memoirs, 72.

- COWAN, Ian M.
1941 Fossil and Subfossil Mammals from the Quaternary of British Columbia. Transactions Royal Society of Canada, Sect. 4, pp. 39-50.
- CRAIG, B. G.
1965 Glacial Lake McConnell and the Surficial Geology of Parts of Slave River and Redstone River Map-Areas. G.S.C. Bulletin, 112.
- CRAIG, B. G. &
FYLES, J. C.
1960 Pleistocene Geology of Arctic Canada. G.S.C. Paper, 60-10.
- CRANDELL, D. R.
1964 Pleistocene Valley and Peidmont Glaciers of the Southwestern Olympic Peninsula, Washington. U.S.G.S. Professional Paper. 500-B, pp. 135-9.
- 1965 The Glacial History of Western Washington and Oregon. In: The Quaternary of the United States, pp. 341-53, Princeton University Press.
- CRANDELL, D. R.;
MULLINEAUX, D. R.;
MILLER, R. D. &
M. RUBIN
1962 Pyroclastic Deposits of Recent Age at Mount Ranier, Washington. U.S.G.S. Professional Paper, 450-D, pp. 64-8.
- CRANDELL, D. R.;
MULLINEAUX, D. R. &
H. H. WALDRON
1958 Pleistocene Sequence in Southeastern Part of the Puget Sound Lowland, Washington. American Journal of Science, Vol. 256, pp. 384-97.
- CRESSMAN, L. S.;
WILLIAMS, H. &
KRIEGER, A. D.
1940 Early Man in Oregon: Archaeological Studies in the Northern Great Basin. University of Oregon Monograph 3, Studies in Anthropology, pp. 1-78.
- CRICKMAY, C. H.
1925 A Pleistocene Fauna from the Southwestern Mainland of British Columbia. Canadian Field Naturalist, Vol. 39, pp. 140-1.
- 1929 A Pleistocene Fauna from British Columbia. Canadian Field Naturalist, Vol. 43, pp. 205-6.
- DAUGHERTY, R. D.
1956 Archaeology of the Lind-Coulee Site, Washington. Proceedings American Philosophical Society, Vol. 100, No. 3, pp. 223-78.
- DAUGHERTY, R. D.;
PURDY, B. A. &
FRYXELL, R.
1967 The Descriptive Archaeology and Geochronology of the Three Springs Bar Archaeological Site (45-FR-39), Washington. Washington State University Laboratory of Anthropology, Reps. of Invests., No. 40.

DAVIS, N. F. G. &
MATHEWS, W. H.
1944

Four Phases of Glaciation with Illustrations from
Southwestern British Columbia. Journal of Geology,
Vol. 52, pp. 403-13.

DAWSON, George M.
1877

Note on Some of the More Recent Changes in the Level
of the Coast of British Columbia and Adjacent Regions.
Canadian Naturalist, Vol. 8, pp. 241-8.

1878

On the Superficial Geology of British Columbia.
Quarterly Journal, Geological Society of London,
Vol. 34, pp. 89-123.

1879

Preliminary Report on the Physical and Geological
Features of the Southern Portion of the Interior
of British Columbia. G.S.C. Report of Progress
(1877-8), pp. B1-173.

1880

Report on the Queen Charlotte Islands. G.S.C. Report
of Progress (1878-9), pp. 1-239.

1881

Additional Observations on the Superficial Geology of
British Columbia and Adjacent Regions. Quarterly
Journal, Geological Society of London, Vol. 37,
pp. 272-85.

1887

Report on a Geological Examination of Vancouver
Island and Adjacent Coast. G.S.C. Annual Report
(1886), Vol. 2, pt. B.

1888

Recent Observations on the Glaciation of British
Columbia and Adjacent Regions. Geology Magazine, n.s.
Dec. 3, Vol. 5, pp. 347-50.

1889

Report on an Exploration in the Yukon District, N.W.T.
and Adjacent Northern Portion of British Columbia.
G.S.C. Annual Report (1887-8), pt. 1, Report B.

1889

Glaciation of High Points in the Southern Interior of
British Columbia. Geology Magazine, n.s., Dec. 3,
Vol. 6, pp. 350-52.

1891

On the Later Physiographical Geology of the Rocky
Mountain Region in Canada with Special Reference to
Changes in Elevation and to the History of the Glacial
Period. Transactions of the Royal Society of Canada,
Vol. 8, Sect. 4, pp. 3-74.

1894

Notes on the Occurrence of Mammoth Remains in the
Yukon District of Canada and Alaska. Quarterly
Journal, Geological Society of London, Vol. 50,
pp. 1-9.

- DAWSON, George M.
1895 Notes on the Glacial Deposits of Southwestern Alberta. Journal of Geology, Vol. 3, pp. 507-11.
- DAWSON, George M. &
R. G. McCONNELL
1895 Glacial Deposits of Southwestern Alberta in the Vicinity of the Rocky Mountains. G.S.A.B., Vol. 7, pp. 31-66.
- DENNY, C. S.
1952 Late Quaternary Geology and Frost Phenomena Along the Alaska Highway, Northern British Columbia, and Southeastern Yukon. G.S.A.B., Vol. 63, pp. 883-921.
- DENTON, G. H.
1970 Late Wisconsin Glaciation in Northwestern North America: Ice Recession and the Origin of the Paleo-Indian Clovis Complex. Abstracts, 1st Meeting American Quaternary Association (AMQUA), Bozeman, Montana, pp. 34-5.
- DENTON, G. H. &
1967 Neoglacial Chronology, Northeastern St. Elias Mountains, Canada. American Journal of Science, Vol. 264, pp. 577-99.
- DETERMAN, R. L.;
BOWSHER, A. L. &
DUTRO, J. T. Jr.
1958 Glaciation on the Arctic Slope of the Brooks Range, Northern Alaska. Arctic, Vol. 11, pp. 43-61.
- DORT, W. Jr.
1962 Glaciation of the Couer d'Alene District, Idaho. G.S.A.B., Vol. 73, pp. 889-906.
- 1965 Glaciation in Idaho - A Summary of Present Knowledge. Tebiwa, Vol. 8, No. 1, pp. 29-37.
- 1968 Paleoclimatic Implications of Soil Structures at the Wasden Site (Owl Cave). Tebiwa, Vol. 11, No. 1, pp. 31-6.
- DRAYCOT, W. M.
1951 The Pleistocene or Ice Age, of Southwest British Columbia (Pt. 2). Art, Historical and Scientific Society, Vancouver Museum and Art Notes, Series 2, Vol. 2, No. 1, pp. 14-22.
- DUFF, Wilson
1963 Sea Levels and Archaeology on the Northwest Coast. Paper presented at the 16th Annual Meeting of the Northwest Anthropology Conference, Portland.
- DUFFELL, S.
1959 Whitesail Lake Map-Area, British Columbia. G.S.C. Mem. 299.
- DUFFELL, S. &
McTAGGERT, K. C.
1952 Ashcroft Map-Area, British Columbia. G.S.C. Mem. 262.
- DYCK, Willy
1966 Secular Variations in the C-14 Concentration of Douglas Fir Tree Rings. Canadian Journal of Earth Sciences, Vol. 3, pp. 1-7.

- DYCK, Willy &
FYLES, J. G.
1964
Geological Survey of Canada Radiocarbon Dates III.
Radiocarbon, Vol. 6, pp. 167-81.
- DYCK, Willy;
FYLES, J. G. &
BLAKE, W. Jr.
1965
Geological Survey of Canada Radiocarbon Dates IV.
Radiocarbon, Vol. 7, p. 33.
- DYCK, Willy;
LOWDON, J. A.;
FYLES, J. G. &
BLAKE, W. Jr.
1966
Geological Survey of Canada Radiocarbon Dates V.
Radiocarbon, Vol. 8, pp. 96-127.
- EASTERBROOK, D. J.
1963
Late Pleistocene Glacial Events and Relative Sea
Level Changes in Northern Puget Lowland, Washington.
G.S.A.B., Vol. 74, pp. 1465-84.
- 1970
Glacial Events in the Puget Lowland, Washington,
Between 14,000 and 10,000 Years Ago. Abstracts,
1st Meeting American Quaternary Association (ANQUA),
Bozeman, Montana, p. 39.
- FAIRHALL, A. W.;
SCHELL, W. R. &
YOUNG, I. A.
1966
Radiocarbon Dating at the University of Washington, III.
Radiocarbon, Vol. 8, pp. 498-506.
- FERRIANS, O. J. Jr.
1963
Glaciolacustrine Diamicton Deposits in the Copper
River Basin, Alaska. U.S.G.S., Professional Paper,
475-C, pp. 120-5.
- FERRIANS, O. J. Jr.;
NICHOLS, D. R. &
SCHMOLL, H. R.
1958
Pleistocene Volcanic Mudflow in the Copper River
Basin, Alaska. Abstract, G.S.A.B., Vol. 69, p. 1563.
- FERRIANS, O. J. Jr. &
SCHMOLL, H. R.
1957
Extensive Proglacial Lake of Wisconsin Age in the
Copper River Basin, Alaska. Abstract, G.S.A.B.,
Vol. 68, p. 1726.
- FLADMARK, K. R.
1971
Radiocarbon Dates from the Queen Charlotte Islands,
Midden, Vol. 3, No. 5, pp. 11-15.
- HOLLAND, Stuart S.
1964.
Landforms of British Columbia - A Physiographic
Outline. B.C. Dept. of Mines and Petroleum Resources,
Bulletin, No. 48.
- HOLLAND, Stuart S. &
Hugh W. NASMITH
1958
Investigation of Beach Sands. B.C. Dept. of Mines &
Petroleum Resources, Miscellaneous Publication.

- HOPKINS, David M.
1959 Cenozoic History of the Bering Land Bridge. Science, Vol. 129, No. 3362, pp. 1519-28.
- 1967 The Bering Land Bridge. Stanford University Press, Stanford, California.
- HOPKINS, David M. &
J. L. GIDDINGS
1953 Geological Background of the Iyatayet Archaeological Site, Cape Denbigh, Alaska. Smithsonian Institute Miscellaneous Contributions, Vol. 121, No. 11.
- HOPKINS, D. M.;
MacNEIL, F. S.;
MERKLIN, R. L. &
O. M. PETROV
1965 Quaternary Correlations Across Bering Strait. Science, Vol. 147, pp. 1107-1114.
- HOPKINS, D. M.;
McCULLOCH, D. S. &
JANDA, R. J.
1961 Pleistocene Structure of Baldwin Peninsula, Kotzebue Sound, Alaska. Abstract, G.S.A. Special Paper, 68, p. 116.
- HORBERG, L.
1952 Pleistocene Drift Sheets in the Lethbridge Region, Alberta, Canada. Journal of Geology, Vol. 60, pp. 303-30.
- 1954 Rocky Mountain and Continental Pleistocene Deposits in Waterton Region, Alberta, Canada. G.S.A.B., Vol. 65, pp. 1093-1150.
- HUGHES, Owen L.
1968 Pleistocene Stratigraphy, Porcupine and Old Crow Rivers, Yukon Territory. G.S.C. Paper, 69-1, Pt. A, pp. 209-12.
- 1970 Quaternary Geology, Yukon Territory and Western District of Mackenzie. In: Early Man and Environments in Northwestern North America (Smith and Smith eds.), University of Calgary, pp. 9-13.
- 1970 Quaternary Reconnaissance, Northwest District of Mackenzie (86C,D,E; 96A-H; 106A,G,H). Report of Activities, Part A: April to October, 1967. G.S.C. Paper, 70-1a, pp. 178-9.
- HUGHES, Owen L.;
CAMPBELL, R. B.;
MULLER, J. E. &
WHEELER, J. D.
1969 Glacial Limits and Flow Patterns, Yukon Territory South of 65 Degrees North Latitude. G.S.C. Paper, 68-34.
- IRVING, William N.
1968 Upper Pleistocene Archaeology in Old Crow Flats, Yukon Territory. The Arctic Circular, Vol. 17, No. 2, pp. 18-19.

- IRVING, William N.
1971 Recent Early Man Research in the North. Arctic Anthropology, Vol. 8, No. 2, pp. 68-82.
- IRVING, William N. &
C. R. HARRINGTON Pleistocene Radiocarbon Dated Artifacts from
1970 Northern Yukon Territory. Paper presented at the 35th Annual Meeting S.A.A., Mexico City.
- JOHNSON, D. L.
1970 The Bering Bridge: Not a Prerequisite for Late Pleistocene Peopling of the New World. Paper presented at 35th Annual Meeting of the S.A.A. Mexico City.
- JOHNSTON, W. A.
1921 Sedimentation of the Fraser River Delta. G.S.C. Memoirs, 125.
- 1921 Pleistocene Oscillations of Sea-Level in the Vancouver Region, British Columbia. Transactions Royal Society of Canada, Series 3, Vol. 15, Section 4, pp. 9-19.
- 1922 The Character of the Stratification of the Sediments in the Recent Delta of the Fraser River, British Columbia, Canada. Journal of Geology, Vol. 30, No. 2, pp. 115-29.
- 1923 Geology of the Fraser River Delta Map-Area. Canadian Dept. of Mines, Geological Series, No. 116.
- 1926 The Pleistocene of Cariboo and Cassiar District, British Columbia, Canada. Transactions Royal Society of Canada, Vol. 20, Sect. 4, pp. 137-48.
- KARLSTROM, T. N. V.
1955 Late Pleistocene and Recent Glacial Chronology of South Central Alaska. G.S.A.B., Vol. 66, No. 12, pp. 1581-2.
- 1957 Tentative Correlation of Alaskan Glacial Sequences. Science, Vol. 125, No. 3237, pp. 73-4.
- 1960 The Cook Inlet, Alaska, Glacial Record and Quaternary Classification. U.S.G.S. Professional Paper, 400-B, pp. 330-2.
- 1960 Surficial Deposits of Alaska. U.S.G.S. Professional Papers, 400-B, pp. 333-5.
- 1961 The Glacial History of Alaska; Its Bearing on Paleoclimatic Theory. N.Y. Academy of Sciences Annual, Vol. 95, pp. 290-340.

- KARLSTROM, T. N. V.
1964 Quaternary Geology of the Kenai Lowland and Glacial History of the Cook Inlet Region, Alaska. U.S.G.S. Professional Paper, 443.
- KARLSTROM, T. N. V.;
et al.
1964 Surficial Geology of Alaska. U.S.G.S. Miscellaneous Investigations, Map, I-357.
- KELLY, C. C. &
SPILSBURY, H. H.
n.d. Soil Survey of the Okanagan and Similkameen Valleys, British Columbia. Report No. 3 of the B.C. Survey, B.C. Dept. of Agriculture, in Co-operation with Experimental Farms Service, Dominion Department of Agriculture, Canada.
- KERR, F. A.
1934 Glaciation in Northern British Columbia. Transactions Royal Society of Canada, Vol. 28, Sect. 4, pp. 17-32.
- 1948 Lower Stikine and Western Iskut River Areas, British Columbia. G.S.C. Memoirs, 246.
- LANGSTON, W. &
OSCHINSKY, L.
1963 Notes on the Taber "Early Man" Site, Alberta. Anthropologica, Vol. 5, No. 2.
- LARSEN, Helge
1968 Trail Creek: Final Report on the Excavation of Two Caves on Seward Peninsula, Alaska. Acta Arctica, Fasciculus 15, Copenhagen.
- LAUGHLIN, William S.
1967 Human Migration and Permanent Occupation in the Bering Sea Area. In: The Bering Land Bridge (D. M. Hopkins ed.), Stanford University Press, pp. 409-450.
- LAWRENCE, D. B.
1958 Glaciers and Vegetation in Southeastern Alaska. American Scientist, Vol. 46, pp. 88-122.
- LERBEKMO, J. F. &
CAMPBELL, F. A.
1969 Distribution, Composition, and Source of the White River Ash, Yukon Territory. C.J.E.S., Vol. 6, pp. 109-116.
- LICHTI-FEDEROVICH, S.
1970 The Pollen Stratigraphy of a Dated Section of Late Pleistocene Lake Sediment from Central Alberta. C.J.E.S., Vol. 7, pp. 938-45.
- LINNE, S.
1955 The Bering Isthmus-Bridge Between Asia and America. Ethnos, Vol. 20, No. 4, pp. 210-15.
- LONG, W. A.
1951 Glacial Geology of the Wenatchee-Entiat Area, Washington. Northwest Science, Vol. 25, pp. 3-16.

LOWDON, J. A. &
BLAKE, W. Jr.
1968

Geological Survey of Canada Radiocarbon Dates VII.
Radiocarbon, Vol. 10, No. 2, pp. 207-45.

LOWDON, J. A.;
FYLES, J. G. &
W. BLAKE, Jr.
1967

Geological Survey of Canada Radiocarbon Dates VI.
Radiocarbon, Vol. 9, pp. 156-97.

LOWRY, W. D. &
E. M. BALDWIN
1952

Late Cenozoic Geology of the Lower Columbia River
Valley, Oregon and Washington. G.S.A.B., Vol. 63,
pp. 1-24.

MackAY, J. R. &
W. H. MATHEWS
1956

Surficial Geology of the Firth River Archaeological
Site, Yukon Territory. Arctic, Vol. 14, No. 1, pp.
25-52.

MackAY, J. R. &
J. TERASMAE
1963

Pollen Diagrams in the Mackenzie Delta Area, N.W.T.
Arctic, Vol. 16, No. 4.

MACKIN, J. H.
1941

Glacial Geology of the Snoqualmie-Cedar Area,
Washington. Journal of Geology, Vol. 49, No. 5,
pp. 449-81.

MACKIN, J. H.;
MULLINEAUX, D. R. &
W. J. STARK
1950

Glacial Geology of Seattle. The Trend in Engineering,
Vol. 2, No. 4, pp. 19-21. University of Washington.

MacNEISH, R. S.
1959

Men Out of Asia, As Seen from the Northwest Yukon.
University of Alaska Anthropological Papers, Vol. 7.
pp. 41-70.

MATHER, J. E.
1954

The Effect of Climate on the New World Migration of
Primitive Man. Southwestern Journal of Anthropology,
Vol. 10, No. 3, pp. 304-21.

MATHEWS, W. H.
1944

Glacial Lakes and Ice Retreat in South-Central
British Columbia. Transactions Royal Society of
Canada, Sect. 4, pp. 39-57.

1946

Geology and Coal Resources of the Carbon Creek -
Mount Bickford Map-Area. B.C. Dept. of Mines,
Bulletin, 24.

1947

"Tuyas", Flat-topped Volcanoes in Northern British
Columbia. American Journal of Science, Vol. 245,
pp. 560-70.

- MATHEWS, W. H.
1950 Physical Features of the Lightning Lakes Valley, Southwestern British Columbia. G.S.A.B., Vol. 61, No. 12, Pt. 2, p. 1529.
- 1951 Historic and Prehistoric Fluctuations of Alpine Glaciers in the Mount Garibaldi Map-Area, South-Western British Columbia. Journal of Geology, Vol. 59, No. 4, pp. 357-80.
- 1955 Late Pleistocene Divide of the Cordilleran Ice Sheet. G.S.A.B., Vol. 66, p. 1657.
- 1963 Quaternary Stratigraphy and Geomorphology of the Fort Saint John Area, Northwestern British Columbia. B.C. Department of Mines and Petroleum Resources, pp. 1-22.
- 1968 Geomorphology of Lightning Creek Valley, Manning Park, Southwestern British Columbia. Syesis, Vol. 1, Parts 1-2, pp. 57-64.
- MATHEWS, W. H.;
FYLES, J. F. &
H. W. NASMITH
1970 Postglacial Crustal Movements in Southwestern British Columbia and Adjacent Washington State. C.J.E.S., Vol. 7, pp. 690-702.
- McALLISTER, D. E. &
C. R. HARRINGTON
1969 Pleistocene Grayling (*Thymallus*) from Yukon, Canada. C.J.E.S., Vol. 6, No. 5, pp. 1185-90.
- McBIRNEY, A. R.
1968 Compositional Variations of the Climactic Eruption of Mt. Mazama. In: Andesite Conference Guidebook (H.M. Dole ed.), Oregon Dept. of Geology and Mineral Industries Bulletin, No. 62, pp. 53-6.
- McKENNAN, R. A. &
COOK, J. P.
1968 Prehistory of Healy Lake, Alaska. 8th International Congress Anthropological and Ethnological Sciences, Tokyo-Kyoto, pp. 182-4 Abstracts.
- MILLAR, J. F. V.
1968 Archaeology of Fisherman's Lake Area, Western District of Mackenzie, Northwest Territories. Ms. Ph.D. thesis, Department of Archaeology, University of Calgary.
- MILLER, D. J.
1953 Late Cenozoic Marine Glacial Sediments and Marine Terraces of Middleton Island, Alaska. Journal of Geology, Vol. 61, pp. 17-40.
- MILLIMAN, J. D. &
K. O. EMERY
1968 Sea Levels During the Last 35,000 Years. Science, Vol. 162, pp. 1121-3.

- MOORE, G. W.
1960
Recent Eustatic Sea-Level Fluctuations Recorded by Arctic Beach Ridges. U.S.G.S. Professional Paper, 400-B, pp. 335-7.
- MOORE, G. W. &
J. L. GIDDINGS
1962
Record of 5,000 years of Arctic Wind Direction Recorded by Alaskan Beach Ridges. G.S.A. Special Paper, No. 68.
- MULLER-BECK, H.
1966
Paleo-Hunters in America: Origins and Diffusion. Science, Vol. 152, No. 3726, pp. 1191-1210.
- 1967
On Migrations of Hunters Across the Bering Land Bridge in the Upper Pleistocene. In: The Bering Land Bridge (D. M. Hopkins ed.), Stanford University Press, pp. 373-408.
- MULLINEAUX, D. R.;
WALDRON, H. H.; &
RUBIN, M.
1965
Stratigraphy and Chronology of Late Interglacial and Early Vashon Glacial Time in the Seattle Area, Washington. U.S.G.S. Bulletin 1, 194-0.
- NASMITH, Hugh W.
1962
Late Glacial History and Surficial Deposits of the Okanagan Valley, British Columbia. B.C. Dept. of Mines and Petroleum Resources Bulletin, 46.
- 1970
Pleistocene Geology of the Queen Charlotte Islands and Southern British Columbia. In: Early Man and Environments in Northwestern North America (Smith and Smith eds.), University of Calgary, pp. 5-9.
- NASMITH, Hugh W.
MATHEWS, W. H. &
G. E. ROUSE
1967
Bridge River Ash and Some Other Recent Ash Beds in British Columbia. C.J.E.S., Vol. 4, pp. 163-70.
- NEWCOMBE, C. F.
1914
Pleistocene Raised Beaches at Victoria, British Columbia. Ottawa Naturalist, Vol. 28, pp. 107-10.
- NICHOLS, D. A.
1931
Terminal Moraines of the Pleistocene Ice-Sheets in the Jumpingpound - Wildcat Hills Area, Alberta, Canada. Transactions Royal Society of Canada, Series 3, Vol. 25, pp. 40-9.
- PEWE, T. L.
1952
Preliminary Report of Multiple Glaciation in the Big Delta Area, Alaska. Abstract G.S.A.B., Vol. 63, p. 1289.
- 1954
The Geological Approach to Dating Archaeological Sites. American Antiquity, Vol. 20, pp. 51-61.
- 1961
Multiple Glaciation in the Headwaters Area of the Delta River, Central Alaska. U.S.G.S. Professional Paper, 424-D, pp. 200-1.
- PEWE, T. L. &
L. BURBANK
1960
Multiple Glaciation in the Yukon - Tanana Upland, Alaska. A Photogeologic Interpretation. Abstract, G.S.A.B., Vol. 71, p. 2088.

- PEWE, T. L.;
et. al.
1953
Multiple Glaciation in Alaska - A Progress Report.
U.S.G.S. Circular, 289.
- PEWE, T. L.;
HOPKINS, David M. &
J. L. GIDDINGS
1965
The Quaternary Geology and Archaeology of Alaska.
In: The Quaternary of the United States (H. F.
Wrighte ed.), Princeton University Press, pp. 355-74.
- PORTER, S. C.
1964
Late Pleistocene Glacial Chronology of North Central
Brooks Range, Alaska. American Journal of Science,
Vol. 262, pp. 446-60.
- POWERS, H. A. &
R. E. WILCOX
1964
Volcanic Ash from Mount Mazama (Crater Lake) and
from Glacier Peak. Science, Vol. 144, pp. 1334-6.
- PREST, V. K.
1969
Retreat of Wisconsin and Recent Ice in North America.
G.S.C. Map 1257A
- PREST, V. K.;
GRANT, D. R. &
RAMPTON, V. N.
1968
Glacial Map of Canada. G.S.C. Map 1253A.
- RAMPTON, V.
1969
Pleistocene Geology of the Snag-Klutlan Area,
Southwestern Yukon, Canada. Ms. Ph.D. thesis,
University of Minnesota.
- REGER, R. D.
et. al.
1964
Geology and Archaeology of the Yardang Flint Station.
Anthropological Papers University of Alaska, Vol. 12,
No. 2, pp. 92-100.
- REEVES, B. O. K.
1971
On the Coalescence of the Laurentide and Cordilleran
Ice Sheets in the Western Interior of North America
with Particular Reference to the Southern Alberta
Area. In: Aboriginal Man and Environments on the
Plateau of Northwest America. (Stryd and Smith eds.),
University of Calgary, pp. 205-28.
- RETFERFORD, R. M.
1972
Late Quaternary Geologic Environments and Their
Relation to Archaeological Studies in the Bella Bella -
Bella Coala Region of the British Columbia Coast.
Ms. M.Sc. thesis, University of Colorado.
- RICHMOND, G. M.
1965
Glaciation of the Rocky Mountains. In: The Quaternary
of the United States, (H. E. Wright ed.), Princeton
University Press, pp. 217-30.

- RICHMOND, G. M.;
FRYNELL, Roald;
NEFF, G. E. &
P. L. Weis
1965
- The Cordilleran Ice Sheet of the Northern Rocky Mountains, and Related Quaternary History of the Columbia Plateau. In: The Quaternary of the United States (H. E. Wright ed.), Princeton Univ. Press, pp. 231-42.
- ROED, M. A.;
MOUNTJOY, E. W. &
N. W. RUTTER
1967
- The Athabasca Valley Erratics Train, Alberta, and Pleistocene Ice Movements Across the Continental Divide. C.J.E.S., Vol. 4, pp. 625-32.
- RUTHERFORD, R. L.
1941
- Some Aspects of Glaciation in Central and South-western Alberta. Transactions Royal Society of Canada, Sect. 4, pp. 115-24.
- RUTTER, N. W.
1965
- The Surficial Geology of the Banff Area, Alberta. Ms. Ph.D. thesis, University of Alberta, Edmonton
- 1966
- Multiple Glaciation in the Banff Area, Alberta. Canadian Bulletin of Petroleum Geology, Vol. 14, No. 4, pp. 620-26.
- 1966
- Glacial History of the Bow River Valley, Banff, Alberta. The Canadian Alpine Journal, pp. 157-73 (Vancouver).
- 1968
- Sur
- 1968
- Surficial Feology Along the Bow River Valley in the Vicinity of Calgary, Alberta. G.S.C. Paper, 68-1, Part A, pp. 181-2.
- 1969
- Surficial Geology of the Peace River Dam and Reservoir Area, British Columbia (Parts 93N,0; 94 B,C,E). Report of Activities Part A: April to October, 1968. G.S.C. Paper, 69-1A, pp. 216-17.
- 1970
- Pleistocene Paleosol Investigations in Parts of Western Canada. Pedology and Quaternary Research, (S. Pawluk ed.), pp. 84-102, University of Alberta Press.
- SHARP, R. P.
1951
- Glacial History of Wolf Creek, St. Elias Range, Canada. Journal of Geology, Vol. 59, pp. 97-117.
- SKARLAND, Ivar
1949
- The Geography of Alaska in Pleistocene and Early Post-Glacial Time: A Study of the Environment from an Anthropological Viewpoint. Ms. Ph.D. thesis, Harvard.
- SKINNER, M. F. &
O. C. KAISEN
1947
- The Fossil Bison of Alaska and Preliminary Revision of the Genus. American Museum of Natural History Bulletin, Vol. 89, Article 3.

- SMITH, M. A.
1965 Continental Glaciation in the Bonaparte River and Quesnel Lake Map-Sheets, British Columbia, Canada. Ms. Honours thesis, University of British Columbia.
- SOUTHER, J. G.
1970 Recent Volcanism and Its Influence on Early Native Cultures of Northwestern British Columbia. In: Early Man and Environments in Northwestern North America (Smith and Smith eds.), University of Calgary, pp. 53-64.
- SOUTHER, J. G.
1970 Volcanism and its Relation to Recent Crustal Movements in the Canadian Cordillera. C.J.E.S., Vol. 7, pp. 553-68.
- STALKER, A. M. S.
1957 Surficial Geology, High River, Alberta. G.S.C. Map, 14-1957.
- 1960 Ice-Pressed Drift Forms and Associated Deposits in Alberta. G.S.C. Bulletin 57.
- 1960 Surficial Geology of the Red Deer - Stettler Map-Area, Alberta. G.S.C. Memoirs, 306.
- 1961 Buried Valleys in Central and Southern Alberta. G.S.C. Paper, 60-32.
- 1963 Quaternary Stratigraphy in Southern Alberta. G.S.C. Paper, 62-34.
- 1968 Geology of the Terraces at Cochrane, Alberta. G.J.E.S., Vol. 5, No. 6, pp. 1455-66.
- 1969 Geology and the Age of the Early Man Site at Taber, Alberta. American Antiquity, Vol. 34, No. 4, pp. 425-8.
- 1970 Late Wisconsin Glaciation and the Yukon-Alberta Ice-Free Corridor. Abstracts, 1st Meeting American Quaternary Association (AMQUA), Bozeman, Montana, p. 126.
- STALKER, A. M. S. &
C. S. CHURCHER
1970 Deposits Near Medicine Hat, Alberta, Canada. Composite Section with Notes on Fauna and Artifacts. G.S.C. Section Drawing.
- STALKER, A. M. S. &
B. G. CRAIG
1956 Use of Indicators in the Determination of Ice-Movement Directions in Alberta, Canada: A Discussion. G.S.A.B., Vol. 67, pp. 1101-4.
- STEEN, V. C.
1963 A Study of the Chemical and Physical Characteristics of Pumice from Glacier Peak, Washington, and Mt. Mazama (Crater Lake), Oregon: Report of Progress, June 16-Sept. 7, 1963. W.S.U. Laboratory of Anthropology, Reps. of Invests., No. 24.

- STEEN, V. C.
1966 Identification of Volcanic Ash. Appendix H to:
45-WT-2: An Archaeological Site on the Lower Snake
River, by C. R. Nance, pp. 136-7, Ms. M.A. thesis,
W.S.U.
- STICHT, J. H.
1951 Geomorphology and Glacial Geology Along the Alaska
Highway in Yukon Territory and Alaska. Ms. Ph.D.
thesis, Harvard.
- ST. ONGE, D. A.
1968 Quaternary Geology and Geomorphology Whitecourt (83)
Map-Area, Alberta. G.S.C. Paper, 68-1, Part A.,
pp. 186-7.
- ST. 1969 Quaternary Geology and Geomorphology, Whitecourt and
Tewatinaw Area, Alberta (831J). G.S.C. Paper, 69-1,
Part A, p. 217.
- SUTHERLAND-BROWN, A.
1957 Geology of the Antler Creek Area, Cariboo District,
British Columbia. B.C. Dept. of Mines and Petrol.
Resources, Bulletin No. 38.
- 1968 Geology of the Queen Charlotte Islands, British
Columbia. B.C. Dept. of Mines and Petrol. Resources
Bulletin No. 54.
- 1969 Aiyansh Lava Flow, British Columbia. C.J.E.S.,
Vol. 6, pp. 1460-68.
- SUTHERLAND-BROWN, A. & The Glaciation of the Queen Charlotte Islands.
Hugh W. NASMITH
1962 Canadian Field Naturalist, Vol. 76, pp. 209-19.
- TABER, Stephen
1943 Perennially Frozen Ground in Alaska: Its Origin and
History. G.S.A.B., Vol. 54, pp. 1433-1548.
- TAYLOR, R. S.
1960 Some Pleistocene Lakes of Northern Alberta and
Adjacent Areas (Revised). Journal Alberta Society
of Petroleum Geology, Vol. 8, No. 6, pp. 167-78, 185.
- TERASMAE, J.
1959 Paleobotanical Study of Buried Peat from the Mackenzie
River Delta Area, N.W.T. Canadian Journal of Botany,
Vol. 37, pp. 715-17.
- 1967 Notes on Quaternary Paleoecological Problems in the
Yukon Territory and Adjacent Regions. G.S.C. Paper,
67-46, pp. 1-12.
- 1968 Some Problems of the Quaternary Palynology in the
Western Mainland Region of the Canadian Arctic.
G.S.C. Paper, 68-23.

- TERASMAE, J.
1971
Late Quaternary Geochronology and Deglaciation in Northwestern Canada. In: Aboriginal Man and Environments on the Plateau of Northwest America (Stryd and Smith eds.), University of Calgary, pp. 243-9.
- THARIN, J. C.
1960
Glacial Geology of the Calgary, Alberta Area. Ms. Ph.D. thesis, University of Illinois.
- TIPPER, H. W.
1963
Nechako River Map-Area, British Columbia. G.S.C. Memoir, 324.
- 1971
Multiple Glaciation in Central British Columbia. C.J.E.S., Vol. 8, pp. 743-52.
- 1971
Glacial Geomorphology and Pleistocene History of Central British Columbia. G.S.C. Bulletin 196.
- TWENHOFEL, W. S.
1952
Recent Shoreline Changes Along the Pacific Coast of Alaska. American Journal of Science, Vol. 250, No. 7, pp. 523-48.
- TYRRELL, J. B.
1919
Was There a "Cordilleran Glacier" in British Columbia. Journal of Geology, Vol. 27, pp. 55-60.
- VERNON, P. &
Owen HUGHES
1966
Surficial Geology, Dawson, Larsen Creek, and Nash Creek Map-Areas, Yukon Territory. G.S.C. Bulletin, 136.
- WAGNER, F. J. E.
1954
Paleontology and Stratigraphy of the Marine Pleistocene Deposits of Southwestern British Columbia. Ms. Ph.D. thesis, Stanford University.
- 1959
Paleoecology of the Marine Pleistocene Faunas of Southwestern British Columbia. G.S.C. Bulletin 52.
- WAGNER, W. P.
1966
Correlation of Rocky Mountain and Laurentide Glacial Chronologies in Southwestern Alberta, Canada. Ms. Ph.D. thesis, University of Michigan.
- WATSON, K. &
W. H. MATHEWS
1944
The Tuya-Teslin Area, Northern British Columbia. B.C. Dept. of Mines and Petroleum Resources Bulletin, No. 19.
- WESTGATE, J. A.
1968
Surficial Geology of the Foremost - Cypress Hills Area, Alberta. Research Council of Alberta, Bulletin, No. 22.
- WESTGATE, J. A. &
A. DREIMANIS
1967
Volcanic Ash Layers of Recent Age at Banff National Park, Alberta. C.J.E.S., Vol. 4, pp. 155-61.

- WESTGATE, J. A.;
SMITH, D. G. W. &
H. NICHOLS
1970
Late Quaternary Pyroclastic Layers in the
Edmonton Area, Alberta. In: Pedology and
Quaternary Research, University of Alberta
Press (S. Pawluk ed.), pp. 179-86.
- WESTGATE, J. A.;
SMITH, D. G. W. &
M. TOMLINSON
1970
Late Quaternary Tephra Layers in Southwestern
Canada. In: Early Man and Environments in
North America (Smith and Smith eds.), University
of Calgary, pp. 13-34.
- WILCOX, R. E.
1965
Volcanic Ash Chronology. In: The Quaternary of
the United States (H. E. Wright ed.), Princeton
University Press, pp. 807-16.
- 1969
Airfall Deposits of Two Closely Spaced Eruptions
in Late Glacial Time from Glacier Peak Volcano,
Washington. G.S.A. Abstracts (1969), Part 5,
pp. 88-9.
- WILLIS, Bailey
1898
Drift Phenomena of Puget Sound. G.S.A.B., Vol. 9,
pp. 111-62.
- WRIGHT, H. E. Jr.
1970
Retreat of the Laurentide Ice Sheet from 14,000 to
9,000 Years Ago. Abstracts, 1st Meeting American
Quaternary Association (AMQUA), Bozeman, Montana,
pp. 157-9.
- FLINT, R. F.
1935
"White Silt" Deposits in the Okanagan Valley,
British Columbia. Transactions Royal Society of
Canada, Series 3, Vol. 29, Sect. 4, pp. 107-14.
- 1935
Glacial Features of the Southern Okanagan Region.
G.S.A.B., Vol. 46, pp. 169-93.
- 1936
Stratified Drift and Deglaciation of Eastern
Washington. G.S.A.B., Vol. 47, pp. 1849-84.
- 1937
Pleistocene Drift Border in Eastern Washington.
G.S.A.B., Vol. 48, pp. 203-32.
- FLINT, R. F. &
IRWIN, W. H.
1939
Glacial Geology of Grand Coulee Dam, Washington.
G.S.A.B., Vol. 50, pp. 661-80.
- FOSTER, J. Bristol
1965
The Evolution of the Mammals of the Queen Charlotte
Islands, British Columbia. B.C. Provincial Museum
Occasional Papers, No. 14.
- FRYKELL, Roald
1960
Stratigraphy and Geologic Dating of the Windust and
Votaw Archaic Sites, Washington. W.S.U. Laboratory
of Anthropology, Raps. of Invests., No. 8.