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THE MIDDEN

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We welcome contributions on subjects germane to B.C. archaeology: maximum length 1500 words, no footnotes, and only a brief bibliography (if required at all). Guidelines are available.

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FRONT COVER:

The cover is a computerized representation made by scanning in a coloured photograph as a black-and-white drawing. The photo is of a rubbing taken from a petroglyph found in the tidal area of the beach at Tsa-kwa-luton, an historic village site, on Quadra Island. ASBC members visited there on a recent field trip on April 24-25th hosted by Hilary Stewart and Joy Inglis. Photo credit: Gladys Groves.

A.S.B.C.

is dedicated to the protection of archaeological resources and the spread of archaeological knowledge.

Meetings featuring illustrated lectures are held on the second Wednesday of each month (except July and August) at 8:00 pm in the Vancouver Museum Auditorium. Visitors and new members are welcome!

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AFFILIATED CHAPTERS

Fraser Valley

Meetings featuring illustrated lectures are held on the third Tuesday of each month, September to May, at 7:45 pm at Fraser Valley College, Abbottsford, B.C.

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> > Nanaimo

ASBC Nanaimo Branch, c/o Dept. of Social Sciences, Malaspina University College, 900 Fifth St., Nanaimo, B.C. V9R 5S5

Acting President: Wendy Farmer-O'Neil

Meetings every second Monday of the month at Malaspina University College.

A.S.B.C. DIARY

All meetings are held at 8:00 pm in the auditorium of the Vancouver Museum, unless indicated otherwise.

May 12	Eldon Yellowhorn
	"Archaeology in Indian Country"
June 9	Roy Carlson
	"Origins of the Northwest Coast Art Tradition"

THE MIDDEN

INTERCHANGE '93

Five years ago the first Interchange conference was held. The object was for six people from the Heritage Council to get together with government departments to exchange ideas. For the first time, this year Interchange was organized and run by the Heritage Trust rather than by the government.

A full day and evening conference hosted by B.C. Heritage Trust, under the chairmanship of Mike Patterson, was held at the Delta Pacific Resort and Conference Centre in Richmond. Representatives from the Heritage Trust and the Minister's Heritage Advisory Council attended. The Heritage Council of B.C. is comprised of the ASBC, Underwater ASBC, Association of B.C. Archivists, B.C. Historical Federation, B.C. Museums Association, and Heritage Society of B.C. About 35 people took part in the discussions.

In an informal setting on Friday evening, February 26th, each organization presented an overview of its activities. This introduction was worthwhile to familiarize one another with the work of the different organizations. After this brief session was a reception attended by the Minister of Tourism, Responsible for Culture—the Honourable Darlene Marzari.

Saturday, February 27th, was the all-day conference session, co-chaired by Mike Patterson from the Heritage Trust and Mary Liz Bayer, Chair of the Minister's Heritage Advisory Council. In the morning various reports were presented.

The Heritage Trust

Mike Patterson dealt mainly with the Heritage Trust's property consolidation and general restructuring plans which should be in place by late fall '93. The main aim of the restructuring is for the Trust to become somewhat more detached from government while still accountable to it, since the Trust is funded by public monies. The system of granting funds is also being restructured, but we did not receive details. As of April 1st, Roger Wheelock will be Chair of B.C. Heritage Trust.

Heritage Advisory Council

The Minister's Heritage Advisory Council has had three meetings and has divided itself into task forces on Policy, Economic Tourism, Implementation, Historical Issues, and Aboriginal Issues (to interact with First Nation organizations). Since all heritage matters fall into the Council's jurisdiction now, the Council is to advise the Minister Responsible for Culture on matters pertaining to Heritage Legislation for British Columbia. Our ASBC representative is Pastpresident Bill Lane (see report, page 1).

Aboriginal Heritage

Dorothy Hunt, reporting on Aboriginal Heritage, spoke about the newly implemented First Peoples' Cultural Foundation, created to simplify and streamline fundraising. The Foundation was established after consultation with each tribal Council in B.C. A brochure explaining the aims of the Foundation, and asking for help in eeping aboriginal languages and cultures has been sent to 250 B.C. corporations.

Aboriginal Heritage Legislation Symposium

Ardyth Cooper, Co-vice Chair of Heritage Trust, gave an up-date on the Aboriginal Heritage Legislation Symposium, which had been held earlier in February. A decision of the symposium was that further consultation with representatives of First Nations is needed before implementing legislation. An "enabling clause" will be proposed to permit individual First Nations to enter into treatymaking process with the Province if and when they desire.

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Royal British Columbia Museum

Bill Barkley from the Royal B.C. Museum spoke about the Museum's "Future Project," which emphasizes the need to become more relevant and useful to the whole community, and is looking at ways to interact better with the general public. The 1993/94 Transitional Plan has been published, and a five-year plan will be presented in July '94. Using modern technology to reach a wider audience, especially school-children, has been well explored with some excellent results.

Funding was the main topic of the afternoon. Roger Wheelock reported on the establishment of the B.C. Heritage Trust Legacy, created to garner funds through donations, bequests, investments and partnerships with individuals and businesses interested in helping preserve B.C. heritage. Since B.C. Heritage Trust is a Crown

donations to its Legacy programme will have a 100% tax write-off for income tax Gaming (i.e., casinos) was purposes. discussed at some length. The Gaming Review done last fall has as yet not been released. A great many cultural/heritage organizations rely on the proceeds of casino nights to keep solvent. Though not acceptable to all, gaming is a very useful fundraising activity and the possibility of losing this income is very distressing. Lotteries' monies used to go to cultural/heritage/sports programmes in B.C. The present government has placed all lottery income into general funds. The programme, "Go B.C.", which supplied funds to heritagetype community projects, was disbanded and replaced by "Community Grants", which has no money at present.

In summation of Saturday's session, it was agreed that all parties in B.C. government need instruction about the importance of our heritage. It was also agreed that all MLA's must be prodded to consider seriously the proposed Heritage Conservation Act, and to support it when it is introduced. To accomplish that, we must define precisely what we mean by 'heritage." To many people heritage means buildings only! We must be able to show that Heritage is a vital part of every British Columbian. We need to change the image of heritage to something positive, desirable and necessary. We cannot keep requesting funding for something nebulous.

If you wish more information about lobbying your MLA, please contact me.

Reet Kana President, ASBC

HERITAGE'S NEW ADVISORS

In an impressive initiative, the Government of the British Columbia is coming to grips with both how to improve protection of our archaeological inheritance and how to strengthen and encourage heritage measures in general. In the fall of 1992 the Ministry of Tourism and the Minister Responsible for Culture appointed a Heritage Advisory Council to be made up of members from societies and associations concerned with protecting B.C.'s cultural resources.

A Heritage Conservation Branch has assisted the Minister for a number of years. They have worked closely with nearly all interested bodies. Since 1986 when the Union of British Columbia Municipalities requested new Heritage Legislation, an unprecedented series of forums, reports, policy positions, and a White Paper have been initiated. It is my belief that the work done in drafting proposed legislation was excellent.

As a result, the provincial minister responsible for the existing Heritage Conservation Act was put in a position to "fine tune" an impressive bundle of recommendations to improve the legislation. As part of this process, a First Nations Heritage Symposium was held last fall. The conclusion of this meeting was that further consultation with First Nations was required to provide, not only feedback, but possibly some formal agreement. For this reason the B.C. Heritage Trust Provisions, the Provincial Heritage Stewardship Provisions and the Aboriginal heritage components of the drafted act, and of amendments to certain other provincial acts, have been deferred.

However, 30 items by way of additions to the Municipal Act to enable communitybased conservation, and 11 items (also supportive of community-based conservation) mainly involving amendments to other provincial acts, will likely go ahead. In addition, 16 improvements to the existing Heritage Conservation Act, including one that makes it binding on Crown Agencies, are contemplated.

Meanwhile, in October 1992, the Minister appointed a 15-person Heritage Advisory Council chaired by Mary Liz Bayer. The Council urged passage of the new legislation and has been kept advised by the Ministry of progress made in that regard. Council work (strictly advisory) is carried out by the following committees: Heritage Policy, Economic/Tourism, Legislation, Aboriginal Issues, Heritage Properties, and Current "Critical Issues."

Should any member of A.S.B.C. wish details about the changes in legislation mentioned here, please telephone me at 738-2552 (Vancouver) and I will consult the comprehensive—13 page—Current Legislation Package that the Ministry has made available to me.

William T. Lane

ASBC Representative to the Heritage Advisory Council (Past-president ASBC, 1970-1972)

ARCHAEOLOGICAL IMPACT ASSESSMENT CONSULTANTS

(UPDATED FEBRUARY 1993)

This list contains the names of consultants who have identified themselves to the Archaeology Branch as being available to conduct archaeology impact assessment and management studies, as well as consultants with expertise in associated fields. All consultants on this list, with the exception of "Affiliated Consultants," are eligible to apply for archaeological inspection or investigation permits. The list is not intended to be exhaustive. There may be other consultants eligible to hold permits who do not appear on the Consultants List. It is the responsibility of those wishing to appear on this list to update their working status every year. References will be automatically dropped if the Branch has not received status updates for two consecutive years. The consultants list is provided for information purposes only. It is not intended as a statement of professional qualifications. The Province of British Columbia is not responsible for any errors or omissions on this list and assumes no responsibility for the acts or omissions of any consultant on the list.

Antiquus Archaeological Consultants Ltd. MIKE ROUSSEAU, ROBERT MUIR 23021 - 132 Avenue Maple Ridge, B.C. V2X 7E7 Tel & Fax: 467-3497

Arcas Consulting

Archaeologists Ltd. ARNAUD STRYD 994 Thermal Drive Coquitlam, B.C. V3J 6S1 Tel 469-1770, Fax 469-1771

Archeo Tech Associates

JOHN DEWHIRST 218 - 2186 Oak Bay Avenue Victoria, B.C. V8R 1G3 Tel 592-6221, Fax 595-3515

Bastion Group

BJORN SIMONSEN 352 Viaduct Avenue W. Box 23, R.R. #3 Victoria, B.C. V8X 3X1 Tel 388-7373/497-1147 Fax 388-5821

Beth L Beddard

41 - 8400 Forest Grove Drive Burnaby, B.C. V5A 4B7 Tel 420-9344

Richard Brolly 205 - 1609 Comox Street Vancouver, B.C. V6G 1P4 Tel 689-1678

Chichimec Research Associates Inc. KENNETH McINTYRE 2225 Palmerston Avenue

West Vancouver, B.C. V7V 2V9 Tel 926-6615

Wayne Choquette

Box 25 Yahk, B.C. V0B 2P0 Tel 424-5361

Deva Heritage Consulting

SANDRA K. ZACHARIAS #35 - 2137 W. 1st Avenue Vancouver, B.C. V6K 1E7 Tel & Fax 736-6472

Environmental Management Associates

REBECCA BALCOLM 1011 Sixth Avenue SW Calgary, Alberta T2P 0W1 Tel (403)299-5600 Fax (403)299-5606

Fedirchuk McCullough & Associates Ltd.

GLORIA J. FEDIRCHUCK, EDWARD J. McCULLOUGH, ALISON LANDALS 200, 1719 - 10th Avenue SW Calagary, Alberta T3C 0K1 Tel (403)245-5661 Fax (403)244-4701

Diana French

1000 KLO Road Kelowna, B.C. V1Y 4X8 Tel 762-5445 local 7376

Golder Associates Ltd.

(Affiliate of Env Mngment Assoc.) BILL JOHNSON 500 - 4620 Still Creek Drive Burnaby, B.C. V5C 6C6 Tel 298-6623, Fax 298-5253

Leonard Ham

7131 Cavelier Court Richmond, B.C. V7C 4J7 Tel 272-1293

Heritage North Consulting Services KEARY WADE Box 6721 Fort St.John, B.C. V1J 4J2 Tel 785-0314, Fax 785-0572 I.R. Wilson Consultants Ltd. IAN WILSON 1009 Slugget Road Brentwood Bay, B.C. V0S 1A0 Tel 652-4652, Fax 652-2377

Kootenay Cultural Heritage Centre

(Arch'l Resource Mngmnt Div) Site #15, Mission Road, S.S.#1 Cranbrook, B.C. V1C 4H4 Tel 489-2464, Fax 489-5760

Millennia Research

MORLEY ELDRIDGE Suite 210, 10114 MacDonald Park Road Sidney, B.C. V3A 4P5 Tel 656-0450, Fax 656-0453

Points West Heritage

Consulting Ltd. B.JEAN BUSSEY R.R. #2, 2595 - 204th Street Langley, B.C. V3A 4P5 Tel 534-5054, Fax 534-6381

Kathleen Sykes

4659 Young Road, Box 120 Oyama, B.C. V0H 1W0 Tel 548-4089

Western Heritage Services Inc.

JIM FINNIGAN, TERRY GIBSON, OLGA KLIMKO, DALE RUSSELL 563 - 5th Avenue N Saskaton, Sask S7K 2R1 Tel (306)975-3860 Fax (306) 934-2572

AFFILIATED CONSULTANTS

R.Bouchard & D.Kennedy

(Ethnographic, ethnohistoric and linguistic consultants - Specializing in Indian land use and occupancy studies and archival research) 171 Bushby Street Victoria, B.C. V8S 1B5 Tel 384-4544, Fax 384-2502

Gottesfeld Consulting

(Culturally modified tree studies, palynology and environmental reconstruction, and geochronology - 14C dating and dendrochronology) Box 417 Kitwanga, B.C. V0J 2A0 Tel & Fax 849-5649 8502 - 106 Street Edmonton, Alberta T6E 4J3 Tel (403)492-4993 Fax (403)492-2030

Linda J. Roberts

(Faunal analysis) 15135 Victoria Avenue White Rock, B.C. V4B 1G5 Tel 536-6101/538-1058

DAWNE SLOTS MEMORIAL

Dawne Slots (52), cherished friend and secretary to the staff of the Archaeology Branch, died suddenly on April 4, 1993. Those who knew Dawne will share our grief and anguish that tragic circumstance claimed such a gentle soul.

Dawne worked for the Branch in virtually all of its incarnations since April 1976. She raised three fine children as a single mother, and always gave freely of her time and self to others when asked or needed.

Dawne always had a smile and a positive word for everyone she met or worked with, and dearly loved B.C. archaeology and archaeologists. She had a great desire to learn, and in her extremely hectic life managed to complete a first-year academic level through the adult education programme at Camosun College in 1984. Subsequently she completed a third-year level British Columbia history course at the University of Victoria.

Dawne's greatest desire since her children left home recently was to take early retirement (1955) and return to school. Dawne wished to do new things with her life. To commemorate this vibrant, positive, forward-looking person the staff of the Archaeology Branch have initiated a DAWNE SLOTS MEMORIAL BURSARY at Camosun College. Details are to be confirmed with Dawn's family, but a focus towards assisting single parents going back to school will be recommended.

Donations can be directed to the Camosun College Foundation, 3100 Foul Bay Road, Victoria, British Columbia V8P 5J2 (Attention: Barbara Wright). Tel 370-3023.

1992 AT THE BRANCH

by Ray Kenny

In 1992 the Archaeology Branch had another busy year delivering archaeological resource management and programmes for information services. During the past year 459 new sites were added to the provincial site inventory which now stands at 19,050 recorded sites. Forty-two new sites were added to the registry of designated heritage sites, and 620 requests for data were filled. The Branch also reviewed some 2117 small-scale developments through interagency referrals, as well as 29 major development projects through Energy (16), Mining (12) and Major Project (1) review processes.

Permits

The past year saw 133 permits issued— 120 (90.2%) for resource management, and 13 (9.8%) for research projects.

Resource management permits were issued for projects in 10 major development sectors:

Small property subdivisions and residential/commercial developments (49) 40.8% Municipal infrastructure (6) 5.0% Energy (3) 2.5% Highways (16) 13.3% Forestry (13) 10.8% Oil and gas exploration/ developments (12) 10.0% Mining (3) 2.5% Telecommunications (1) .008% Resort/recreational developments (4) 3.3%

Other resource management permits issued were for projects involving burial recovery(2), wildlife habitat enhancement(1), golf courses(1), power source lines(1), military exercises(1), airports(1), and inventories of traditional territories of Indian bands (1).

Integrated Resource Management

In the area of integrated resource management, the Branch participated in two key inter-Ministerial initiatives. The Corporate Resource Inventory is designed to improve all provincial inventoriés in order to facilitate land allocation and resource management decision-making. During the current fiscal year the Archaeology Branch is updating the quality of site data in three priority areas of the province, initiating a mapping system for potential archaeological sites; and developing a new Geographic Information System (GIS) capable of integrating with the computer systems and resource management initiatives of other ministries.

Land and Resource Management Planning (LRMP) is the new sub-regional land and integrated resource-planning process for Crown Lands and Provincial Forests in British Columbia. This process provides many of the integrated planning functions formerly contained in Timber Supply Area planning (TSA) in the Ministry of Forests. In contrast to the TSA planning process, LRMP considers all resource values, and requires more intensive public participation, interagency coordination, and consensus-based land and resource management decisions.

Excavations: GALIANO ISLAND

Mitigative excavations associated with installation of a fibre optics line at site DfRu 74 on Galiano Island recovered information suggestive of four discrete occupations: Locarno Beach, Marpole, Developed Coast Salish, and the Historic Period. Varied faunal and artifact assemblage suggests use of this locality over a 2500-year period as a late winterearly spring fishing camp.

Of particular interest, in association with the Locarno Beach component, was the presence of a clay-lined and fired pit, surrounded by a sandstone slab pavement and post-molds, which contained the fragmentary distal skeletal remains of an adult female. Four deep grooves identified on the right femur were interpreted as likely caused by a series of blows which may have resulted in the death of this individual.

GABRIOLA ISLAND

Physical anthropologist, Joanne Curtin, completed research investigations at DgRw 199, an extensive complex of cave and crevice burials on Gabriola Island near Nanaimo. Prior vandalism at the main burial cave led to the initial excavation in 1987 by Mark Skinner (S.F.U.). Skinner (1991) reports pathologies consistent with treponemal disease, including a cranium AMS dated in excess of 2700 BP) with caries sicca, deemed pathognomic of syphilis.

Curtin's dissertation (Ohio State University) is in progress and will examine variability in mortuary practices as evidenced at DgRw 199 and the nearby, previously excavated False Narrows site shell midden (DgRw 4).

From the outset, the Nanaimo Indian Band has been involved with DgRw 199 and the efforts to conserve this site. Neither of the research efforts would have been possible without the Band's concurrence, in-field support, and continued interest in the scientific approach to the study of the past.

MONTAGUE HARBOUR

Inter-tidal and sub-tidal excavations continued for the fourth consecutive year at Montague Harbour on Galiano Island, and have conclusively demonstrated the presence of prehistoric cultural and paleoenvironmental data within the submerged harbour basin. This material dates to the mid-Holocene—a poorly understood period in coastal cultural development.

A fairly rapid sea level transgression is suggested during this period, and at least some of the cultural remains relate to an occupation on the now-submerged shoreline during a period of lower sea levels.

The artifact assemblage from the subtidal zone includes a chipped stem point of Marpole affiliation, an antler harpoon point recovered from sediments dated to 7,000 B.P., a stone disk bead, and several flake tools. This research project is under the direction of Norm Easton from Yukon College, and is sponsored by the Underwater Archaeology Society of B.C., with support from the British Columbia Heritage Trust and Communications Canada. The Montague Harbour project represents the first underwater archaeological excavations to be undertaken in B.C., and has served to test underwater methods and techniques as well as to develop the necessary skills to carry out similar investigations in other coastal B.C. waters.

FRASER RIVER ESTUARY MANAGEMENT PROGRAM

In recognition of the Archaeology Branch's efforts in protecting waterlogged archaeological deposits within the Fraser River estuary, the Branch received a conservation award from the joint federal and provincial Fraser River Estuary Management Program. The project involved stabilization of significant cultural deposits along the banks of the Fraser River, near the Glenrose Cannery site, with geotextile and rip-rap.

Earlier exploratory excavations identified an assortment of perishable artifacts, including basketry fragments, wooden wedges and fish weir stakes, within the inter-tidal zone. The assemblage represents the oldest waterlogged collection, as well as the earliest type of fish weirs from the Northwest Coast, dating to 4,000 B.P. Changes in the Fraser River's flow regime caused by pile-driving, and the construction of groynes are thought to be the cause of erosion at this significant site.

Funding for the stabilization work was provided by the federal Archaeological Resource Management Unit and the Archaeology Branch.

KEATLY CREEK

The Major phases of excavation at the Keatly Creek site have been completed, although minor excavations continue each spring to complete excavations of small housepits and investigate smaller cultural depressions or unusual features at the site.

The site is one of the largest housepit villages in western Canada and appears to have been abandoned ca 1100 BP, as were the other large villages in the Lillooet region.

The main emphasis in the research project is now on the analysis of previously excavated animals. Faunal analysis is dealt with by Karla Kusmer; botanical analysis by Dana Lepofsky; soils analysis by Paul Goldberg and Dale Martin; lithics analyses by Jim Spafford, Bill Prentiss, Merideth Mitchell, Ed Bakewell, Nora Franco, and Brian Hayden; overall faunal analysis by Karla Kusmer; salmon analysis by Virginia Butler, Kevin Berry and Karla Kusmer; canid analysis by Dave Crellin. There are numerous other specialized analyses also being undertaken.

Considerable new information is emerging on the species of salmon used (species not now present in the Lillooet region); on the differential access to lithic, fish and other food sources; on the residential stability of large corporate groups; on socio-economic inequalities within the site; on basic social organization; on site formation processes; and on the ritual and economic role of domesticated canids at the site. Analysis should be complete within the next year and publication should follow soon afterward.

The ethnoarchaeological study of subsistence resources of the study area appeared in 1992 (A Complex Culture on the B.C. Plateau: Stlatl'imux Resource Use: edited by Brian Hayden, UBC Press).

Compiled by Ray Kenny of the Archaeology Branch with contributions from Brian Hayden (SFU), Norm Easton (Yukon College), and John McMurdo, Jack Foster, Steve Acheson, Jim Pike, and Bob Powell (Archaeology Branch, Ministry of Tourism and Ministry Responsible for Culture).

NEWS ITEMS

DEBATING COMPLEXITY

Chacmool, a conference organized by students in the Department of Archaeology at the University of Calgary and held in the fall every year, is settling down to its final format for next November. The title of the conference is "Debating Complexity," and the debate will centre around issues surrounding the concept of complexity in archaeology. Cultural complexity, social stratification, culture change, 'complex' societies, ethnicity, gender, style, and broader theoretical questions form essential parts of this debate.

The conference will address these issues from a number of directions in its sessions over a period of two and a half days. Three or four sessions will run concurrently. The sessions include:

- More than Meets Our Eye: The Complexity of Visual Iconography
- Complexity in the Palaeolithic
- Constructed Complexity: Interpretations of Ancient Maya Society and History
- Complexity in Hunter-Gatherer Societies and Archaeology
- Southwest U.S. (Chaco, Hohokam)
- Complexity in the Mediterranean World
- Linguistics
- Urbanism in Tropical Forests
- The Ends of the Earth: Cultural
- Complexity of Hunter-Gatherer Societies in Cold Environments
- Approaches to the Development of Complexity in Northern, Western and Central Europe
- A Change in Focus: Undergraduate Perspectives

Joe Tainter of the USDA National Forest Service, and Randall McGuire of SUNY (Binghampton), among others, will speak at a plenary session in the middle of the conference.

HATZIC TODAY

The Hatzic site has finally been added to the inventory of provincial heritage sites. Within the Heritage Conservation Act, acquisition of the site as a heritage site protects archaeological finds which indicate an organized aboriginal settlement with a well-developed woodworking industry at least 5000 years ago. Hatzic Rock, or Sma:lt Hath'aq, the dominant feature of the site, is an "ancestor stone" of the Sto:lo who consider the site a sacred "transformer" site. It is associated with a time in Sto:lo history when the Sto:lo Creator came to earth. The rock represents four great chiefs who challenged the authority of the Creator and were transformed to stone.

The property surrounding Hatzic Rock was in the process of being developed for a subdivision by Harry Utzic who voluntarily suspended any further development at the site when archaeological explorations uncovered the ancient structure. A considerable public effort to preserve and maintain the area as a heritage park was initiated by the Friends of Hatzic Rock Society in 1991. The site received considerable local, regional and international media attention. More than 14,000 people visited the site during the summer of 1991.

Negotiations between the government and Derma Estates Ltd. concluded in March of 1993 with an exchange of the site for Crown lands of equal value (\$1.2 million per parcel) in Mission.

The cultural, spiritual and archaeological values of the site are now preserved.

The Sto:lo, the community and the B.C. Heritage Trust will work together to determine the future of the site. The Friends of Hatzic Rock, a local group of concerned natives and non-natives, have already made commitments toward future development and preservation of the site. Plans are underway for the Heritage Trust to meet with representatives of the Sto:lo and Friends of Hatzic Rock Society to begin the planning process.

SHA CALLS

The 1994 Conference on Historical and Underwater Archaeology will be held in Vancouver from January 5th-9th. The programme will include a full range of topics in historical and underwater archaeology. Abstracts were due May 1, 1993

A plenary session on "Current and Future Applications of Science and Technology in Historical and Underwater Archaeology" is being planned along with a full slate of activities including round table luncheons, a bookroom, an exhibition of new technologies, organized tours and other social events.

Direct all abstracts, correspondence and requests for further information to SHA 94, Department of Archaeology, Simon, Fraser University, Burnaby, B.C. V5A 1S6. Fax (604)291-5666).

NOTE: Anyone who would like to volunteer services for the conference should call and leave a message at the Department of Archaeology at SFU (291-3135).

RIVERS, TRAILS & BEYOND

1993 marks the bicentennial of Alexander Mackenzie's historic crossing of the continent in 1793 with his company of voyageurs and Native guides. The Heritage Society of B.C.'s 1993 annual conference will take place from June 3rd-6th in Quesnel, at the confluence of the Fraser and Quesnel Rivers. The programme will focus on heritage rivers and trails, and also examine some of the broader environmental issues in B.C. The conference will look at historic trail management, the Rivers & Trails Initiative (and the Canadian Heritage River System), the Protected Area Strategy, and the Commission on Resources and Environment. The programme is designed to provide insight into the complex reality of protecting and managing our resources,

News Items Cont'd

and the connection between the heritage movement and the environmental agenda.

Other programme highlights include an address by the Hon. Darlene Marzari, Minister Responsible for Culture, a keynote address by Sophie Pierre of the Ktunaxa/Kinbasket Tribal Council, an update on the Mackenzie Bicentennial Celebrations, a chance to paddle a voyageur canoe, and tours of Barkerville and the Alexander Mackenzie Heritage Trail.

For more information contact the Heritage Society of B.C., 316 - 620 View St., Victoria, B.C. V8W 1J6. Tel & Fax (604) 384-4840.

DEBITAGE

A new temporary addition at the Archaeology Branch in Victoria is **Kim Lawson**. She is working on a presentation about archaeology and the management of archaeological resources to present to Native bands, tribal councils and public schools. Concerned with the material that is currently available to students in the public schools, she hopes to compile a bibliography of archaeological material written for the general public and would welcome any suggestions. Contact Kim at the Branch (Tel 381-5523).

... And, if phoning the Branch, did you know that calls to provincial government agencies (e.g., the Branch, RBCM) can be made toll-free through the Enquiry B.C. number listed in the blue pages of the phone book: 660-2421 in the Greater Vancouver area, or 1-800-663-7867 if outside.

... **Dr Jonathan Driver** has been appointed Chair of the Department of Archaeology at Simon Fraser University. He begins a threeyear term as Chair if the department in September 1993. ... The last weekend in March brought many archaeologists to Bellingham, Washington, to attend the annual NWAC at Western Washington University. In 1995, for the first time, the Northwest Anthropological Conference (located in Portland, Oregon) will have a theme: "Wayne Suttles".

... And at SFU: John Breffitt, a graduate student in archaeology at SFU, successfully defended his Masters Thesis on February 10th. The thesis, "The Skoglund's Landing Complex: A Reexamination of the Transitional Complex of Artifacts from Skoglund's Landing, Queen Charlotte Islands, British Columbia," focused on the analysis of lithic artifacts excavated from Zone II at the Skoglund's Landing site by Knut Fladmark in 1969. John is currently on the staff in the Department of Archaeology at SFU. ... Excavations at Fort Langley last summer under the direction of **Stan Copp** of Langara College, provided a particularly old date of around 8400 years ago from a charcoal and ash hearth found within the palisade area (article to follow in next issue of *The Midden*).

... The executive of the CAA now includes two archaeologists from B.C. Dr David Pokotylo (UBC) is the new president-elect. Bjorn Simonsen (The Bastion Group, Victoria) continues as executive secretary for another year. And for those of you interested in joining the CAA, Leslie Nichols of the University of Calgary is the Membership Secretary and can be reached at the Department of Archaeology there.

BOOK REVIEW

SOME IDEAS QUESTIONABLE BUT STIMULATING

Canada's First Nations is a valuable contribution to First Nations and Canadian studies. Dickason, an historian, has made a conspicuous effort to produce a multi-disciplinary book, and includes the work of archaeologists, social anthropologists, political scientists, geographers and others. This book exhibits enormous breadth: she considers in some detail such diverse topics as the marriage patterns of Amerindians (her term) and maritime architecture. Dickason identifies many of the important intellectual debates concerning First Nations and provides a helpful entryway into the literature.

The volume begins with arguments over the settlement of the continent and ends with the crisis at Oka and the constitutional debates. The real strengths of the volume are the treatments of treaty and legal issues, and there is much of relevance to the contemporary issues facing First Nations.

Two premises shape Dickason's work. She argues that First Nations of Canada share an underlying commonality in world view which can be contrasted with a Judeo-Christian view. This position can be limiting in its emphasis on difference, but Dickason attempts to sidestep this problem, noting that there were Amerindian and European cultural affinities, especially at first contact. The key difference in her view is that the Amerindians lacked the cohesion necessary "to prevent the invasion and take-over of their lands".

Second, Dickason argues that First Nations are part of a "hemispheric civilization", of which Canada is the northern zone. Consequently Dickason does not limit her discussion to First Nations north of the international border. Instead, she employs a comparative perspective, and describes the experiences of Aboriginal peoples elsewhere (she compares the extermination of Beothuk and Tasmanian peoples, for example).

Dickason goes so far as to include illustrations depicting pertinent material from what is now the United States, an intellectually correct, albeit perhaps courageous, course of action. A sketch of a figure throwing a spear with the atlatl found in the Skagit River of Washington State (now in the U.B.C. Museum of Anthropology) is an example.

There are problems with the book, some of which may be unavoidable, given the scope. Perhaps because of her interest in a balanced presentation, Dickason introduces marginal material. Far too much attention is given to topics such as Heyerdahl's speculations about transoceanic connections and artistic similarities between otherwise unconnected societies (Shang Dynasty double-headed dragons and Northwest Coast "sisiutls" are compared for evidence of Chinese contact with the coast, for example).

Barry Fell's conjectures about Celtic origins of North Anerican culture are given space, but nowhere is it pointed out that Fell's work is representative of a very old genre which attempts to explain away First Nations achievements by ascribing them to European influences. The book is sometimes wrong or unclear about particulars. The variability of Northwest Coast history and culture is overlooked (slaves are said to have been put to death, for example, a practice not characteristic of all of the coast).

Finally, some ideas are questionable but stimulating: Northwest Coast Amerindians are said to have perhaps been "art iintoxicated" and the "mounted plainsman" of the late eighteenth century is held to have achieved an elegance never surpassed.

Despite these minor problems, Dickason's work is often insightful: she documents the extent of practical botanical experimentation carried out by Amerindians before contact (and compares it favorably with the achievements of European universities of the period); she notes, following Ridington, that Amerindian technology at contact existed more as knowledge than as tools; and she consistently considers issues important in shaping the lives of Amerindian women. Canada's First Nations: A History of Founding Peoles form Earliest Times

by OLIVE PATRICIA DICKASON

McClelland and Stewart: Toronto, 1992. 590 pp, illus (paper)

Bruce Miller

Bruce Miller is an Assistant Professor in Antrhopology at UBC. He received his MA from Western Washington and his PhD from Arizona State. Bruce's interests are in Native People of the Northwest Coast, ethnicity, gender, and public policy relating to Native Peoples.

NEW PUBLICATIONS

A Greenville Burial Ground: Human Remains and Mortuary Elements in British Columbia Coast Prehistory by JEROME S. CYBULSKI

with contributions by **Darlene Balkwill, Gregory S.Young, Patricia D.Sutherland** Canadian Museum of Civilization: Hull, 1993. \$19.95 (paper)

Findings of 57 human skeletons, over 200 artifacts, and nearly 20,000 non-human bones from an ancient burial ground in the Nass Valley are analysed in the context of 5000 years of B.C. coastal history to provide insight into mortuary practices, human biology, palaeopathology, and demography for the 6th through 13th centuries AD.

LOOK FOR: ARTICLES

Mal de Mer above Terra Incognita, or, "What Ails the Coastal Migration Theory?" by N. ALEXANDER EASTON

in Arctic Anthropology, Vol 29, No 2, pp 28-42, 1992

An examination and contradiction of well-grounded values which orient archaeology to a terrestrial bias argues a coastal migration route as a direct challenge to the "ice-free corridor" as a means of populating the Americas.

EXCAVATION OPPORTUNITIES for Students, Professional & Avocational Archaeologists

Every year brochures come through my office for field schools and excavation opportunities. Some of the field schools also welcome adults interested in archaeology. These are listed below. If they offer the programme for credit, this is noted.

ENGLAND	Summer Schools at University College London
(London)	Intensive specialised courses in Archaeological Excavation Techniques; Drawing Archaeological Finds; Freeze Drying; Identification of Fibres; Identification of Wood; Mammal Remains from Archaeological Sites; Photographic Workshop; Surveying Archaeological Sites; Experimental Archaeology; Analytical Methods in Artifact Characterisation; Lifting Fragile Archaeological Remains and Structures.
	Contact: James Black, Co-ordinator Summer Schools, 31-34 Gordon Square, London WC1H 0PY. Tel 071 387 9651, Fax 071 383 2572
FRANCE	Volunteer Excavation (Aug 4-Oct 1)
(Hermies)	Will explore bounds and discover the extent of a Levalloisian specialized flint workshop, and a lower Mousterian level
	Must be older than 18; 2 weeks minimum stay; experience in prehistorical excavation; costs of room/ board chargeable to organizers.
	Contact: Luc Vallin or Bertrant Masson, Service Regionale de l'Archeologie du Nord/Pas-de-Calais, Ferme Saint-Sauveur, B.P.51, F-59651 Villeneuve d'Ascq CEDEX France. Tel 20.91.38.69, Fax 20.91.41.81
GREECE	Antichita Archaeological Research Teams (July 6-31)
(Cyprus)	Located in the middle of the Chalcolithic site of Prastio in the Paphos district of Cyprus.
	Contact: Antichita Archaeological Research Teams, Department U., P.O. Box 156, St Catherines, Ont L2R 6S4. Tel (617) 495-9385
ISRAEL	The Leon Levy Expeditions (June 13-Aug 1)
(near Tel Aviv)	Field school (8 cr) and volunteer programme; fee US\$1800 or \$275/wk, + \$50 application
	Contact: Prof Lawrence E. Stager, Harvard Univ, Ashkelon Excavations, The Semitic Museum, 6 Divinity Ave, Cambridge, MA 02138 USA.
OKLAHOMA	Teaching Institute in Lithic Analysis (May 24-June 11)
	Grad or undergrad credit; or professional refresher course
	Contact: George H. Odell, Anthropology Department, University of Tulsa, Okl 74104

Excavation Opportunities Cont'd

NEW MEXICO	Palynology workshop (Aug 1-8)
(near Taos)	Sampling and interpretation of pollen from archaeological contexts; reconstruction of prehistoric diet and palaeoenvironment
	Credit or non-credit course: ANTH 4292/6256.0914. Research in Anthropology/Palynology (2 cr); instr. Dr Linda Scott-Cummings (Paleoresearch Labs, Colo)
	Ethnobotany workshop (Aug 8-15)
	Intensive instruction in techniques of ethnobotany; includes theory, plant ecology, systematics
	Credit or non-credit course: ANTH 4291/6259.0912. Research in Anthropology/Ethnobotany (2 cr); instr. Dr Richard I. Ford (U.Mich)
	Contact: Dr Michael Adler, Southern Methodist University, Dallas, TX 75275 Tel (214) 768-2940 or 768-3657
SIBERIA	Laboratory for Archaeological Researches of the Urals and Western Siberia (July, Aug) Archaeological tours and digs throughout the Ural Mountains and Western Siberia during July and August.
	Contact: Irene Danilova, Laboratory for Archaeological Researches of the Urals and Western Siberia, Ural University, 51 Lenin Ave, Ekaterinburg 620083, Russia. Tel (3432) 557005; fax (3432) 557401.
SPAIN	Summer Field School in Spanish Prehistory (July 11-31)
(El Juyo cave)	Field school in palaeolithic research and excavation on Spain's Cantabrian Coast (10 cr); fee US\$3200; instr. L.G. Freeman (U.Chicago), J.Gonzales Echegaray (Inst.Prehist.Investig.)
	Contact: Univ. of Chicago Office of Summer Session, Spanish Prehistory Field School,5835 S.Kimbark Ave, Chicago, Ill 60637. Tel (312) 702-6033

CONFERENCES

June 3-6	Heritage Society of B.C., Annual Conference QUESNEL, B.C.
	Information: 316 - 620 View St., Victoria, B.C. V8W 1J6. Tel & Fax (604) 384-4840
June 14-16	Lithic Analysts Conference UNIVERSITY OF TULSA, Oklahoma Contact: George H. Odell Anthropology Department University of Tulsa, OK 74014 USA Tel (918) 631-3082
June 7-12	S.P.N.H.C. Society for the Preservation of Natural History Collections, 7th Annual Meeting. ROYAL BRITISH COLUMBIA MUSEUM, Victoria, B.C. Contact: Grant Hughes, Local Conference Committee, RBCM, Parliament Buildings, Victoria, B.C. V8V 1X4. Tel (604) 378-5706.
November 11-14	CHACMOOL. "Debating Complexity" UNIVERSITY OF CALGARY, Alberta Abstract Deadlines: sessions, Feb 1/93; papers, May 1/93 Contact: Chacmool, The 1993 Conference Committee, Dept. of Archaeology, University of Calgary, Alta T2N 1N4. Tel (403) 282-9567
November (TBA)	B.C. ARCHAEOLOGY FORUM Department of Archaeology, SIMON FRASER UNIVERSITY, Burnaby, B.C. Organizers: Gordie Howe, Mike Rousseau
1994	
January 5-9	S.H.A. The Society for Historic Archaeology. Annual meeting. HOTEL VANC OUVER, Vancouver, B.C ACUA Program Chair: Charles Moore, Tel.(604) 275-5427. SHA Program Chair: David Burley, Dept of Archaeology, S.F.U. Burnaby, B.C. V5A 1S6. Tel.(604) 291-4196
April 18-24	S.A.A. Society of American Archaeologists, 59th Annual Meeting. DISNEYLAND Hotel, Anheim, California
(TBA)	N.W.A.C. 47th Northwest Anthropological Conference EASTERN WASHINGTON UNIVERSITY, Cheney, Washington
1995	
(TBA)	N.W.A.C. 48th Northwest Anthropological Conference Theme: `Wayne Suttles' PORTLAND, Oregon



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