Baikal–Hokkaido Archaeology Project Contributions to Research Dissemination and Communication

This document lists all publications, presentations and other dissemination contributions by BHAP members from 2011–2014. Publications are categorized by year, type and listed by author (alphabetical order), with BHAP members underlined. Detailed accounts of BHAP workshops, business meetings and conferences are listed separately and found on pages 23-32.

2014

REFFERED CONTRIBUTIONS

Books edited works (2 in total)

Book chapters (7 in total)
Kato H. 2014. Koukogaku shiryo kara Minzoku wa dou egakeruka (How can we describe the Ethnic group based on Archaeological resources). In: Koukogaku Kenkyukai 60 shunen Kinenshi Koukogaku kenkyu 60 no Ronen (The 60thAnniversary of the foundation of Society of Archaeological Studies: the 60 issues for Archaeological Studies), Kokogaku Kenkyukai (Society of Archaeological Studies), pp. 93-94Okayama, JAPAN.

Articles in scholarly refereed journals (13 in total)
Other Refereed Contributions

Conference Proceedings (3 in Total)


Conference Presentations (10 in Total) Note: Does not include presentations at the BHAP International Workshop held at University of Alberta May 2014 and the BHAP Core-to-Core Meeting for Physical Anthropology Section held in Sapporo January 2014. See pages 23-32 for details.


Lieverse AR. 2014. Death in the Cis-Baikal: Three remarkable examples of suffering and demise during the Siberian middle Holocene. Keynote address for the APALA Undergraduate Anthropology Conference, Saskatoon, SK, Canada, 18 Jan 2014.


Posters (3 in total)

Non-refered Contributions
Articles in trade journals (3 in total)

Other Research Contributions
Classroom and public lectures (4 in total)
Sato T. 2014. Special lecture on archaeology and ethnology (An introduction to zooarchaeology), Special lecture on archaeology and ethnology (Zooarchaeological world), Seminar for undergraduate students, Seminar for graduate students, Exercise in Museology Keio University (2011-2014).

Other public activities (excluding lectures) (1 in total)

Media dissemination (radio, television, online articles) (4 in total)

Visiting research positions (1 in total)
McKenzie HG. 2014. Adjunct Professor in Department of Archaeology and Anthropology, University of Saskatchewan.

forthcoming Contributions (26 in total)
M. Aoyama, Hudson M. No better medicine: health in American environmental writing, EcoHealth In press.


Losey RJ, Nomokonova T, and OI Goriunova. Rekonstruktsiia razmerov sorogi (Rutilis rutilus lacustris) iz arkeologicheskih stoianok ozaera Baikal (formuly dlia vychisleniia cherez regressionnyi analiz) [Roach size reconstruction (Rutilus rutilus lacustris) from archaeological sites on Lake Baikal (formulas for estimating the total lengths through regression analyses)]. Izvestii IGU. *Seria Geoarkheologii, Etnologiia, Anthropologiia* [in Russian]. In press.


Wagner M, Jin G, and Tarasov PE (guest editors). “Bridging Eurasia: Modes of mobility and sustainability in Central and East Asia since the Last Glacial Maximum revealed by archaeological and environmental records” in *Quaternary International: Special Issue - Bridging Eurasia: Modes of mobility and sustainability in Central and East Asia since the Last Glacial Maximum*. In press.


*Articles in preparation for publication 2014–15 (24 in total)*


Bazaliiskii VI, Finalize and publish two volumes of monographs on burial Shamanka II.


Gibbs, K. and P Jordan (eds.). In prep for 2015/16 and now under contract. Circumpolar Ceramics: Pottery Technology and the Foraging Spectrum. Cambridge: Cambridge University Press. [this is from the SAA Hawaii session in April 2013]


Mack B. Lieverse AR, Bazaliiskii VI, Weber AW. Revisiting osteoarthritis in the middle Holocene Cis-Baikal. In prep. to be submitted September 2014 to Quaternary International (special issue on Bioarchaeology of Northeast Asia).

Losey RJ. Monograph on the zooarchaeology of Holocene Cis-Baikal, currently in progress, with Dr. T. Nomokonova et al.


Purchase S. Visual skeletal inventory for an appendix, Shamanka II Monograph, in progress.

Scharlotta I, Bazaliiskii VI, Lieverse AR, Weber AW. Social consequences of increased reliance on fishing in middle Holocene Cis-Baikal: relating fishing gear, axes, and social status at the Shamanka II cemetery, Lake Baikal, Siberia. In preparation for Quaternary International: Special Issue –Comparative Perspectives on the Hunter-Gatherer Archaeology of Northeast Eurasia (also likely to be modified for both the Russian and English versions of SHA II monograph)


Shepard B. 15 pages, Quaternary International. In prep.


Waters-Rist AL, Bazaliiskii VI, Goriumova OI, Weber AW, Katzenberg MA. to be submitted fall 2013. Evaluating the Biological Discontinuity Hypothesis of Cis-Baikal Early versus Late Neolithic/Brone Age Populations using Dental Non-Metric Traits. To be submitted to Quaternary International for the special issue on the Bioarchaeology of Northeast Asia.


2013

REFEREED CONTRIBUTIONS

Books edited works (3 in total)


Kato H and Yamamura T. (eds.) 2013 “Senjyumin Bunkaisan to Tourism: Ainu minzoku niokeru Bunkaisan no Katsuyo no Riron to Jissen (Indigenous Cultural Heritage and Tourism: Theory and Practice on Utilizing the Cultural Heritage of Ainu)”, Hokkaido Daigaku, Ainu Senjyumin Kenkyu Sentaa (Center for Ainu & Indigenous Studies, Hokkaido University),
Monographs (1 in total)

Book chapters (8 in total)


Special issues of scholarly refereed journals (2 in total)


Articles in scholarly refereed journals (36 in total)


Conference proceedings (3 in total)


Conference Sessions Organized (4 in total)
Lieverse AR. 2013. Organized and Chaired (along with Hitoshi Fukase of Hokkaido University and Minoru Yoneda of the University of Tokyo) the Session: Bioarchaeology of Northeast Asia. Annual meeting Society for American Archaeology, Honolulu, Hawaii, USA.

Conference presentations (60 in total, 37 listed below) Note: List below does not include 23 presentations by BHAP at the 78th Annual Meeting of the Society for American Archaeology, Hawaii April, 2013 and the BHAP C14 Meetings/Oxford Meeting of the Core-to-Core Programme July, 2013. See pages 23-32 for details.
Bazaliiskii VI, Gorinuova OI, AG Novikov. Integration of archaeological & ethnographic research. Irkutsk, Russia May 2013.
Bronk Ramsey C, Schulting R, Bazaliiskii VI, Gorinuova OI, and Weber AW. Radiocarbon reservoir and stable isotope offsets in human remains from the Baikal Region. The 7th International Symposium 14C & Archaeology Ghent University, Genth, Belgium, 8–12 April, 2013.
Hudson M, Ohnishi H, Hoover K, Aoyama M. “Resilience and social-ecological change in the late prehistoric Okhotsk culture of eastern Hokkaido.” European Association of Archaeologists, Pilsen, Czech Republic, September.
Jordan P. 7 September, Pilsen (Czech Republic): Annual Meeting European Association of Archaeologists, ‘Comparative perspectives on hunter-gatherer archaeology in Northeast Asia.’ Opening lecture. Note: This was the session opening paper in the Co-organized session (with A. Weber): Comparative perspectives on hunter-gatherer archaeology in Northeast Asia.
Lynch S. Canadian Circumpolar Institute Northern Research Day Conference, Edmonton 2013. Living on the Periphery: Portable-XRF characterization of obsidian tools from the Middle Jomon and Okhotsk Periods on Rebun Island, Japan.


Novikov AG. Ancient cultures of Mongolia and Baikal Siberia Chita, Russia, September 2013.


Yoneda M. 2013. You are what you ate: the tradition of Japanese foods reviewed from evolutionally point of view. Invited lecture for JSPS Summer Program (Hayama, 13 June).


Posters (8 in total)

Hoover K and M Hudson. “Hunter-gatherer resilience after the agricultural transition in prehistoric Kyushu, Japan”, Poster presentation at American Association of Physical Anthropologists 82nd Annual Meeting, Knoxville TN, April 11.

Hernandez M and M Hudson. “Diagnosis and evaluation of causative factors for the presence of endemic treponemal disease in a Japanese sub-tropical island population from the Tokugawa period”, Poster presentation at American Association of Physical Anthropologists 82nd Annual Meeting, Knoxville TN, April 12.


Takhashi T. and Sato T. (Nov. 16-17, 2013) Transition of the faunal utilization on Rebun Island: With a special reference to the researches faunal remains unearthed from the Hamnaka 2 site. The 1st annual meeting of Japanese Society for Zooarchaeology. Keio University, Tokyo.


Hattori T, Sawada J and Sato T. (Nov. 16-17, 2013) Pig remains of the Okhotsk culture unearthed from the Hamanaka 2 site. The 1st annual meeting of Japanese Society for Zooarchaeology. Keio University, Tokyo.

NON-REFEREED CONTRIBUTIONS

Articles in trade journals (5 in total) http://bhap.artsm.ualberta.ca/project-publications


Novikov AG, Goriunova OI. Burial practices of the Late Neolithic population Priolohonja (Lake Baikal) // Integration of archaeological and ethnographic research. - Irkutsk: Izd IrGTU, 2013. - T. 2. - S. 184-188.


Research reports/working papers (4 in total)


OTHER RESEARCH CONTRIBUTIONS

Classroom and public lectures (19 in total)


Hudson M. “Anthropology of the Ainu: Traditional Lifestyles,” Department of Asian and African Studies, University of Ljubljana, March.

Hudson M. “Hunter-gatherer and agricultural expansions in the Japanese Islands: From the Neolithic to the 19th century.” Department of Archaeology, University of Ljubljana, March.

Hudson M. “Artifacts and hyperobjects in the Anthropocene.” TAG USA, Chicago, May.


Purchase S. Non-specific Infection and Physiological Stress in Middle Holocene Cis-Baikal, Siberia: A Preliminary Analysis, Saskatoon Archaeological Society, November 15, 2013.

Schurr TG. 2013. “Genetic Diversity in Indigenous Populations of North America.” Department of Genetics, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil: November.


Weber AW. Basics of archaeological photography. ANTHR 485, Department of Anthropology, University of Alberta, Edmonton, Nov. 5, 2013.

Weber AW. Human–environment–climate interactions in Middle Holocene Baikal, Siberia. Why archaeology finds culture change so difficult to explain? Graduate seminar, ANTHR 500/600, Department of Anthropology, University of Alberta, Edmonton, Nov. 6, 2013.


Other public activities (excluding lectures) (7 in total)


Lynch S. Strathcona Archaeological Society Flintknapping Workshop, Nov and Mar 2013. Instructor for full day flint-knapping workshop held at the University of Alberta. Attendees learned to produce basic lithic tools by end of workshop.

Nomokonova T. Field Archaeologist for kids’ archaeological camp at North Baikal, grades 5-11, July 2013.

Sato T. The exhibition titled “Jomon Culture on the Pacific Coast of Northern Japan” at the Minato City Local History Museum. (Jan. 5 – Feb. 20, 2013).
Media dissemination (radio, television, online articles) (16+ in total)
Jordan P. 11 April 2013: Deutschandfunk - radio article on early hunter-gatherer pottery function. Interview with P Jordan about function of world's earliest pottery (with Lucian Haas). Note: Also appeared on website as text: Die ersten Fischköche. Neues Analyseverfahren ermöglicht Nachweis organischer Reste in Jahrtausende alter Töpferware.
Losey RJ. 2013. Discovery News. An online newsletter featuring science news. Coverage of our 2013 publication on dog remains from Siberia. The article was subsequently widely featured elsewhere.

2012
REFEREED CONTRIBUTIONS
Books sole edited (1 in total)

Books edited works (2 in total)

Monographs (1 in total)

Book chapters Note: Chapters from the BHAP Northern Hunter –Gatherers Research Series Vol. 6 / Archaeology in China & East Asia Vol. 3 are listed separately below:

Contents. List of Tables. Ix; List of Figures. Xii; List of Selected Photographs. xiv.
Appendices
CD-ROM Appendices
3. AW Weber and VI Bazaliiskii. Mortuary variable lists and codebooks for Neolithic and Bronze Age Cis-Baikal, Siberia.
Book chapters (17 in total)


Kato H. 2012. “Jinruishi karamita Baikaru Siberia to Nihonretto (Baikal Siberia and Japanese Archipelago from the perspective of Human History)”, in K. Yoshida ed. Archaeometria, pp.59-70, Tokyo Daigaku Sougou Kenkyu Hakubutsukan (The University Museum of the University of Tokyo), Tokyo, JAPAN.


Kato H. 2012. “Sekai Isan Shiretoko niokeru Bunka Isan to Koukogaku (Cultural Heritages in the World Heritage site Shiretoko and Archaeology)”, in H. KATO and T. YAMAMURA (eds.) "Senjyumin Bunkaisan toTourism: Ainu minzoku niokeru Bunkaisan no Katsuyo no Riron to Jitsen (Indigenous Cultural Heritage and Tourism: Theory and Practice on Utilizing the Cultural Heritage of Ainu)", pp.29-34, Hokkaido Daigaku, Ainu Senjyumin Kenkyu Sentaa (Center for Ainu & Indigenous Studies, Hokkaido University), Sapporo, JAPAN.


Scharlotta I, Weber AW. 2012. Spatial variability of biologically available 87Sr/86Sr, rare earth and trace elements in the Cis-Baikal region, Siberia: Evidence from modern environmental samples and small Neolithic and Early Bronze Age


**Articles in scholarly refereed journals (35 in total)**


14


OTHER REFEREED CONTRIBUTIONS
Conference proceedings (4 in total)


Goriunova OL, AG Novikov "Phenomenon geochronological layering Baikal Siberia. Baikal 100 years of scientific archeology ". Irkutsk, Russia, in December 2012.


Kato H. 2012. Hokkaido no Dainamizumu to Kankyo (Dynamism and Environment in Prehistory of Hokkaido), Shin Gakujyutsu Ryokky Kenkyu Kan Taiheiyo no Kankyo Bunmei Simpojiyum Kan Taiheiyo no Kankyo to Bunmei wo Kangaeru (Grant-Aid for Scientific Research on Innovative Area, Symposium of Environment and Civilization in the Circum Pacific Ocean: Thinking Environment and Civilization in the Circum Pacific Ocean), University of Sapporo, Japan, 2nd June 2012.


Kato H. 2012. Kanyakohendo to Hoppo Shuryomin Bunka no Keisei (Climate change and the formation of Northern Hunter-Gatherer culture), Dai 26 Kai Hoppo Minzoku Bunka Shippojuimu Kankyo henka to Senjyumin no Seikyo Bunka: Rikuuki Seitaikei niokeru Tekiou (the 26th Northern People Culture Symposium Environmental Change and Subsistence Culture of Indigenous Peoples: Adaptation in the terrestrial ecosystem), Hokkaido Douritsu Hoppou Minzoku Hakubutsukan (Hokkaido Museum of Northern Peoples), Abashiri, Japan.


Nomokonova T and Ol Gorjunova, Subsistence activities of Priol’kho’ne populations during the Early Holocene (Lake Baikal) [in Russian]. Drevnie Kul’tury Mongoli i Baikal’skoi Sibiri, Ulan-Bator, Mongolia, September 2012 (Paper).


Posters (6 in total)


Pratt IV, Lieverse AR, Schulzing R, Cooper DML, Bazaliiskii VI, Weber AW. 2012. Exploring paleopathology from the inside out: an investigation of dental pathology and rauma with CT in the clinic, the lab, and at the synchrotron. Poster presented at the 40th annual meeting of the Canadian Association for Physical Anthropology, Victoria, BC, 7-10 Nov. 2012.
NON-REFEREED CONTRIBUTIONS

Articles in trade journals (8 in total)


Research reports/working papers (5 in total)


Masuda R and Saka E. 2012. Mitochondrial DNA analysis of brown bear bones from the Tokoro-chashi Site Okhotsk Locality. In Tokoro Chashi Site Okhotsk Local (ed. The Course of Archaeology and Tokoro Research Laboratory, Graduate School of Humanities and Sociology, University of Tokyo), pp.360-366, Graduate School of Humanities and Sociology, University of Tokyo, Tokyo (in Japanese).

Sato T. 2012. Vertebrate remains excavated from pit-dwellings 7, 9, 10 at the Okhotsk Locality of the Tokoro Chashi site. In the Course of Archeology and Tokoro Research Laboratory, Graduate School of Humanities and Sociology, University of Tokyo (ed.) Tokoro Chashi Site: Okhotsk Locality, Iwaki: University of Tokyo, pp.312-359 (in Japanese).


OTHER RESEARCH CONTRIBUTIONS

Classroom and public lectures (17 in total)

Hudson M. “The Ainu and hunter-gatherer studies.” Centre for Asian Archaeology, Oxford University, March.


Hudson M “Prospects and challenges for an archaeology of global climate change.” Department of Archaeology, Oxford University, March.
Hudson M. “Archaeology and interdisciplinarity in the face of global ecological crisis.” Neolithic Seminar, University of Ljubljana, November.


Losey RJ and T Nomokonova. “New data on and interpretation of dog burials in Siberia’s Cis-Baikal”. Guest lecture at the Trans-Baikal Pedagogical Institute, Chita, Russia, March 2012.

Moussa N. A comparison between two late Neolithic–Early Bronze Age Cemeteries (Ust-‘Ida and Kurma XI) through the analysis of mtDNA Macgregor Research Day, Dept of Lab Medicine & Pathology, University of Alberta Nov. 06, 2012.


Weber AW. Human–environment–climate interactions at Baikal, Siberia: Why culture change is so difficult to explain? Graduate seminar, ANTHR 500/600, University of Alberta, Edmonton, November 3, 2012.


Yoneda M. 2012. Bone chemistry and the reconstruction of Jomon diet. Lecture on local history by the municipal museum of Kasori Shell Midden.

Other public activities (excluding lectures) (4 in total)


Lynch S. Introduction to Flintknapping Workshop, Nov. 2012. Instructor: flintknapping demonstrations, University of Alberta, Alberta Archaeology undergrad course, explaining relevance of experimental archaeology in present-day research.

Sato T. The exhibition titled “Archaeometria” at the University Museum, University of Tokyo (Mar. 3–Jun. 17, 2012).


Media dissemination (radio, television, online articles) (10+ in total)

Losey RJ 2012. AC Baikal TV. Irkutsk, Russia television coverage of 3D scanning equipment installed by me through a CFI grant at Irkutsk State Technical University.


2011

**REFEREED CONTRIBUTIONS**

**Books sole edited (1 in total)**


**Book chapters (8 in total)**


**Articles in scholarly refereed journals (21 in total)**


OTHER REFEREED CONTRIBUTIONS


Gorunova OL, AG Novikov, III (XIX) Russian Archaeological Congress” Staraya Russa –Novgorod, Russia, October 2011.

Gorunova OL, AG Novikov, “Ancient cultures of Mongolia and Baikal Siberia” Irkutsk, Russia, May 2011.

Hudson M, Aoyama M. “Skeletal health indicators of social–ecological resilience in the early modern Ryukyu Islands.” Resilience 2011, Arizona State University, Phoenix AZ, March. (+2 more – see website for complete list)


NON-REFERENCED CONTRIBUTIONS

Articles in trade journals (5 in total)


Posters (7 in total)


Shepard B. 2011. Middle Holocene political economies in the Cis-Baikal, Russia: insights from mortuary data. Poster presented at the 76th annual meeting of the Society for American Archaeology, Sacramento, CA.

Yoneda M, N Doi, Y Dodo and H Ishida 2011. The regional variation of maritime adaptation in prehistoric Jomon. The 80th Annual Meeting of the American Association of Physical Anthropology (Minneapolis, 14 April).
OTHER RESEARCH CONTRIBUTIONS

Classroom and public lectures (7 in total)
Hudson M. “The Paimni-nu-Nagabaka site and social-ecological resilience in Miyako history.” Society for East Asian Archaeology, Kyushu University, June.
Hudson M. “Japanese’ and ‘Austronesian’ identities in the Neolithic of the Ryukyu Islands.” Neolithic Seminar, University of Ljubljana, November.

Other public activities (excluding lectures) (4 in total)
Kato H. 2011. Tairiku kara Shima he: Kaiyo tekio to Minzoku Keisei (From Continent to Island: Maritime Adaptation and Ethnic Formation), Hokkaido Daigaku Hakubutsukan Shimin Seminar (Public Seminar of Hokkaido University Museum), Hokkaido University Museum, Sapporo, Japan, 12th November 2011.
Nomokonova T. Lecturer on Baikal archaeology for Moscow camp at Sagan-Zaba, Lake Baikal, grades 5-9, July 2011.

Media dissemination (radio, television, online articles) (5 in total)
Losey R J. 2011. Discovery News. An online newsletter featuring science news. Coverage of our 2011 paper on dog remains from Siberia. This segment subsequently generated a range of covered in many countries and in many different formats, including academic and non-academic blogs, discussion boards, and even dog food company websites.

Below are project workshops, business meetings and conferences in which the Baikal–Hokkaido Archaeology Project participated as a team in 2011–2014. Contributions below are listed in reverse chronological order.

International Workshop
Baikal–Hokkaido Archaeology Project
University of Alberta, Edmonton, Canada, May 5–7, 2014

Main sponsors:
Social Sciences and Humanities Research Council of Canada–Major Collaborative Research Initiative Award: Holocene Hunter-Gatherers of Northeast Asia, Project # RES0007122
Japan Society for the Promotion of Science Core-to-Core Program (Advanced Research Networks): Advanced Core Research Centre for History of Human Ecology in the North, Project #24242030

23

Academic Program

Day 1 Monday May 5, 2014: Glacier Room, Lister Conference Centre
87 Avenue & 116 Street (10-minute walk west of Campus Tower)

8:30 Coffee and light breakfast on-site
9:00 Opening address and announcements, A. Weber
**9:30 Paper Session 1 (60 minutes), Chair R. Schulting**
9:30 Kato Hirofumi, Naganuma Masaki, Sato Takao: Results of the archaeological excavation from Hamanaka 2 site 2011 and 2013 field years
9:50 Hirasawa Yu: Paleolithic Study in Sakhalin and Hokkaido: Seeking a Possibility of Paleolithic Site Existence on Rebun Island
10:10 Jordan Peter: Early pottery residue studies in Japan, Sakhalin, and Alaska
10:20 Ishida Hajime, Yoneda Minoru: Bioarchaeology in people of the Prehistoric Okhotsk Culture and new findings from fieldwork on Rebun Island
10:30 Coffee break
11:00 **Paper Session 2 (60 minutes), Chair V. Bazaliiskii**
11:00 Shchetnikov Alexander, White Dustin, Bezrukova Elena: First results using the new UWITEC drilling equipment for lake sediment studies in Cis-Baikal area
11:20 Tarasov Pavel, Mueller Stefanie, Schmidt Mareike, Kossler Annette, Wagner Mayke and the Lake Kushu Research Consortium: First results of palaeoenvironmental and geochronological research from the Lake Kushu sediment core RK12 and Hamanaka 2 site on Rebun Island, Japan
11:40 Scharlotta Ian: Recent methodological developments in biogeochemical techniques to track mobility in Middle Holocene hunter gatherer groups in Cis-Baikal
12:00 Paper Discussion Session 1 & 2
12:30 Lunch on-site
**13:30 Paper Session 3 (60 minutes), Chair D. White**
13:30 Clarke Megan: An exploration of the utility of dental calculus in the study of diet in the middle Holocene Cis-Baikal
13:50 Purchase Samantha: Infectious disease as an indicator of physiological stress in the middle Holocene Cis-Baikal
14:10 Lieverse Angela, Schulting Rick: Violence in the Cis-Baikal and Hokkaido
14:20 Schulting Rick, Ramsey Christopher B., Goriunova Olga, Bazaliiskii Vladimir, Weber Andrzej: Examination of the fresh water reservoir effect in the Cis-Baikal region
14:30 Paper Discussion Session 3
15:00 Coffee break
**15:30 Round-table Discussion 1**
Critical Evaluation of the Bioarchaeology of Individual Life Histories Approach
Moderator: H. McKenzie; Presenters: A. Lieverse, K. Ames, R. Losey (5–10 minutes each)

20:00 Free networking time. All interested parties are encouraged to meet at Hudsons Canadian Tap House (11113-87 Avenue, a few steps directly east of Campus Tower).

Day 2 Tuesday May 6, 2014: Glacier Room, Lister Conference Centre

8:30 Coffee and light breakfast on-site
9:00 **Paper Session 4 (90 minutes), Chair H. Ishida**
9:00 Moussa Nour: Maternal and Paternal Genetic Background of Late Neolithic and Early Bronze Age Populations of Lake Baikal Area
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>9:20</td>
<td>Adachi Naboru</td>
<td>DNA analysis of the skeletons excavated from Hamanaka 2 site, Rebun Island, Hokkaido, Japan</td>
</tr>
<tr>
<td>9:30</td>
<td>Yang Dongya, Rodrigues Antonia</td>
<td>Ancient DNA Analysis of Roe and Red Deer from Ust'-Khaita</td>
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<tr>
<td>9:50</td>
<td>Masuda Ryuichi, Sato Takao</td>
<td>DNA analysis of animal remains in the Rebun Island</td>
</tr>
<tr>
<td>10:00</td>
<td>Schurr Theodore</td>
<td>Holocene Interactions in Northeast Asia from Biological Anthropology and Genetic Perspectives</td>
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<tr>
<td>10:10</td>
<td>Paper Discussion Session 4</td>
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<tr>
<td>10:30</td>
<td>Coffee break</td>
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<tr>
<td>11:00</td>
<td>Paper Session 5 (60 minutes), Chair H. Kato</td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>Schulting Rick, Yoneda Minoru</td>
<td>An overview of the stable isotope data on human bone collagen from Baikal and Hokkaido</td>
</tr>
<tr>
<td>11:20</td>
<td>Weber Andrzej, Bronk Ramsey Christopher, Schulting Rick, Goriunova Olga, Bazaliiskii Vladimir</td>
<td>Freshwater reservoir effect corrections to chronology of middle Holocene hunter-gatherers in the Cis-Baikal region of Siberia</td>
</tr>
<tr>
<td>11:40</td>
<td>Tsutaya Takami</td>
<td>Stable isotope analysis of feeding ecology in the Okhotsk culture</td>
</tr>
<tr>
<td>12:00</td>
<td>Paper Discussion Session 5</td>
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<tr>
<td>12:30</td>
<td>Lunch on-site</td>
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**13:30 Round-table Discussion 2**
*Topic 2. Comparative Approach to Hunter–gatherer Culture Change: Baikal and Hokkaido*
Moderator: K. Ames; Presenters: P. Jordan, D. Yesner (5–10 minutes each)

**15:00 Coffee break**

**15:30 Round-table Discussion 3**
*Topic 3. Spheres of Interaction in Northeast Asia during the Holocene*
Moderator: J. Habu; Presenters: K. Ames, T. Schurr (5–10 minutes each)

20:00 Free networking time. All interested parties are encouraged to meet at Sherlock Holmes Pub (8519-112 Street, 1 block southwest of Campus Tower).

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**Day 3 Wednesday May 7, 2014:** Aon Room, Alumni House 11515 Saskatchewan Drive (15-minute walk northwest of Campus Tower)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Coffee and light breakfast on-site</td>
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<tr>
<td>9:00</td>
<td>Round-table Discussion 4</td>
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<tr>
<td>10:30</td>
<td>Coffee break</td>
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<tr>
<td>11:00</td>
<td>Paper Session 6 (70 minutes), Chair O. Goriunova</td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>Lynch Sean</td>
<td>Obsidian resource use from the Jomon to Okhotsk period on Rebun Island, Japan: a pXRF analysis of archaeological obsidian</td>
</tr>
<tr>
<td>11:20</td>
<td>Shepard Benjamin</td>
<td>Evaluating the prestige goods model among hunter-gatherers in the Cis-Baikal, Siberia: implications for understanding long-distance interaction and political integration during the middle Holocene</td>
</tr>
<tr>
<td>11:40</td>
<td>Iwanami Ren</td>
<td>Zooarchaeological studies using the cut marks based on comparative studies between sea mammals and domestic animals</td>
</tr>
<tr>
<td>12:00</td>
<td>Losey Robert, Nomokonova Tatiana</td>
<td>Recent Zooarchaeological Research in Siberia</td>
</tr>
<tr>
<td>12:10</td>
<td>Paper Discussion Session 6</td>
<td></td>
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<tr>
<td>12:30</td>
<td>Lunch on-site</td>
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<tr>
<td>13:30</td>
<td>Paper Session 7 (20 minutes), Chair R. Masuda</td>
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<tr>
<td>13:30</td>
<td>Lieverse Angela, Temple Daniel, Stock Jay, Macintosh Alison</td>
<td>Skeletal morphology and growth in the Cis-Baikal</td>
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<tr>
<td>13:50</td>
<td>Paper Discussion Session 7</td>
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<tr>
<td>14:00</td>
<td>Closing plenary session and closing address, Chair A. Weber</td>
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</tbody>
</table>

BHAP wind-up dinner and drinks
Faculty Club, 11435 Saskatchewan Drive (east of Alumni House, northwest of Campus Tower)
17:30–18:30 Cocktails (cash bar) 18:30 Banquet Dinner
A Core-to-Core Meeting of Physical Anthropology Section
Hokkaido University Library, Sapporo, Japan
January 11, 2014

10:00-12:00  Presentations concerning morphology
1. Fukase
2. Ishida H. Reconstruction of life activity and subsistence in people of the prehistoric Okhotsk culture, Hokkaido and Sakhalin Islands.
3. Nagaoka
4. Yonemoto
5. Lieverse AR, Bioarchaeological Research: the Cis-Baikal and Hokkaido.

12:00-13:00 Lunch @ a nearby restaurant

13:00-14:10  Presentations concerning DNA
1. Sato T.
2. Adachi N., A plan to analyze genomes of the Okhotsk people.
3. Kimura

14:10-14:20 Short break

14:20-15:30  Presentations concerning morphology/isotope
1. Tsutaya T. Population dynamics in the Okhotsk culture: stable isotope analysis on weaning ages.

15:30-15:40 Short break

15:40-17:00 Discussion on 2014 year-term activities
1. Field school at Rebun in August, 2014
2. Relationship with BHAP (in particular, BHAP meeting May 2014)
3. 2014 meeting of the Anthropological Society of Nippon
4. Next Core to Core meeting of physical anthropology section in 2015

4th Annual Workshop "Bridging Eurasia & Baikal-Hokkaido Archaeology Project"
Berlin, Germany, December 10, 2013

A report from Dr. Pavel Tarasov:
I’d like to report that despite all everyday problems and financial difficulties a group of environmental scientists and geoarchaeologists were able to meet in Berlin for the annual workshop of the "Bridging Eurasia & Baikal-Hokkaido Archaeology Project". Thanks to a wonderful organization by Stefanie Müller (FU Berlin) and Dominic Hosner (German Archaeological Institute) and financial support of Center for International Cooperation (FU Berlin) we could assemble 14 scientists and PhD students from Berlin, Potsdam, UK and Russia in the lecture hall of the German Archaeological Institute for a one very inspiring workshop on 10 December 2013. Current results and nearest plans have been discussed.

Baikal-Hokkaido Archaeology Project Oxford C14 meetings

Agenda
For C. Bronk Ramsey and R. Schulting
1. Paired dating data set
2. How is it possible for the linear regression to cross the X axis?
3. Upper Lena
4. Paper #1, linear regression (RS lead)
5. Paper #2, Bayesian statistics (CBR lead)
6. Paper #3, general culture history (AW lead)

For R. Schulting
A two day seminar was held in Oxford July 4th and 5th, marking the first meeting of a new Core-to-Core programme headed by Professor Hirofumi Kato of the University of Hokkaido, Japan. Following an introduction to the aims of the programme, Professor Kato gave an overview of Jomon culture in Japan, one of the longest-lived archaeological traditions in the world, extending from ca. 10,000 to 300 BC, and surviving longer than this in the north of the archipelago. This was followed by Professor Minoru Yoneda's (University of Tokyo) overview of stable isotope research on human remains from the Japanese archipelago, covering all periods from the Palaeolithic to medieval and even modern Japan. This work has revealed considerable regional diversity in diets, and is beginning to identify some very intriguing differences at much smaller spatial skills, sometimes within the same site. This theme was continued in the afternoon with talks by Professor Julia Lee-Thorp and Dr Rick Schulting, summarising stable isotope research on Holocene hunter-gatherers in South Africa and Europe, respectively.

The next day began with Professor Chris Ramsey's overview of Bayesian modelling of radiocarbon dates, as well as a report on recent work concerning freshwater reservoir corrections for dates on prehistoric human remains from the Lake Baikal region of Siberia. Dr Hiromasa Ozaki next presented his work on creating a calibration curve specific to Japan, noting offsets from IntCal09's northern hemisphere curve. Greater similarities with the southern hemisphere curve suggest that at least the southern half of Japan is affected by global weather patterns, specifically the summer monsoon. Dr Takayuki Omori then discussed the available radiocarbon chronology for the Kanto region of Japan, with its incredibly rich record of activity during the Middle Jomon period. The very detailed pottery typology that has been developed in the region by Professor Tatsuo Kobayashi is further supported by Bayesian analysis, indicating very rapid changes in pottery styles occurring almost every generation.

One of the advantages of small workshop seminars is the much greater time they allow for discussion. This touched upon a number of themes, including hunter-gatherer stability and change, identity, responses to environmental change, the impact of incoming farming communities, and the need for high-resolution chronologies. A number of interesting parallels between Japan and Britain/Ireland were noted in terms of their positions as island chains immediately adjacent to the continent, and the unique character that this provided in terms of a combination of isolation and communication. This was especially apparent in the process of the arrival of developed farming practices in the Yayoi period in Japan, and the Neolithic for Britain and Ireland.

The Core-to-Core is funded by the Japan Society for the Promotion of Science, and will run for five years, with meetings to be held in Japan, Canada and the UK.
Peter Jordan and Kevin Gibbs Session Chairs: Circumpolar Ceramics: Pottery Technology and the "Foraging Spectrum." Organised by Peter Jordan and Kevin Gibbs as part of the Ceramics before farming: prehistoric pottery dispersals in Northeast Asia project funded by the UK Leverhulme Trust.


Presentations by BHAP:
Noboru Adachi, Ken-ichi Shinoda, Kazuo Umetsu, Osamu Kondo, and Yuio Dodo: Ethnic Derivation of the Hokkaido Ainu Inferred from Mitochondrial DNA data.
Hitoshi Fukase, Masatomi Kudaka, Toshiyuki Tsurumoto, Masaki Fujita, and Hajime Ishida: Geographic variation in skeletal limb size and proportions among Northeast/East Asian populations.
Yu Hirasesama: Difference and Uniqueness of Hokkaido Prehistory: Ethno-Historical Development and Relationship among Ainu and Past Prehistoric Cultures. In Symposium: Who are the Ancestors?
Hirofumi Kato Discussant for Session: Who are the Ancestors? Redefining the Cultural Sequence of Hokkaido Island, Japan.
Symposium Who are the Ancestors?
Angela Lieverse, Vladimir Bazaliiskii, Olga Gorunyova, and Andrzej Weber: Lower Limb Activity in the Cis-Baikal: Enthesese Changes Among Middle Holocene Siberian Foragers.
Hugh McKenzie and A. Popov: Cranial Modification at the Boisman II Hunter-gatherer cemetery, Russian Far East.
Nour Moussa, Karen Mooder, Fiona Bamforth: A Comparison between Two Late Neolithic-Early Bronze Age Cemeteries (Ust'-Ida and Kurma XI) through the Analysis of mtDNA.
Takao Sato Discussant for Session: Who are the Ancestors? Redefining the Cultural Sequence of Hokkaido Island, Japan.
Ian Scharlotta: Tailor Made: A(n evolutionary) Theory of Mobility to Suit Hunter-Gatherer and Scientific Archaeology.
Rick Schulting, Julie Hamilton, Vladimir Bazaliiskii, Olga Gorunyova, and Andrzej Weber: Untangling trophic levels? dD and d15N studies at Lake Baikal, Southern Siberia.
Ben Shepard: Contrasting Approaches to Burials and Demography in the Study of Middle Holocene Hunter-Gatherers in Cis-Baikal, Russia.
Andrzej W. Weber: Understanding Middle Holocene Hunter-Gatherer Diets in Cis-Baikal, Siberia, Using the IsoSource Mixing Model.
Minoru Yoneda, Yuichi Naito, Takashi Gakuhari, Chiaki Katagiri, and Naomi Doi: Island Adaptation on the Ryukyu Islands from Pleistocene to Early Holocene.

Baikal-Hokkaido Archaeological Project
Radiocarbon Dating and Stable Isotope Research Meeting and Workshop

16 July
12:00 Welcome
12:30–13:00 Chris Ramsey – Introduction to methods of chronological analysis
13:00–14:00 Lunch
14:00–14:20 Andrzej Weber – Modelling hunter-gatherer diets using stable isotope data
14:20–14:40 Andrea Waters-Rist – Sulphur isotopes in ancient human bone collagen from the Lake Baikal Region of Siberia: freshwater ecosystem variation as a residence & dietary tracer
Baikal–Hokkaido Archaeology Project International Workshop: 'Early Pottery in Northeast Asia'
Sakhalin, Russia, March 8-10, 2012

Hosted by: A.A. Vasilevski / Sakhalin Laboratory of Archaeology and Ethnography, Siberian Branch of the Russian Academy of Sciences and Sakhalin State University
Co-organizers: Prof. A.V. Vasilevski (Sakhalin State University); Prof. Hirofumi Kato (Hokkaido University / BHAP); Prof. Peter Jordan (University of Aberdeen / BHAP)

RESEARCH GOALS AND GENERAL OVERVIEW
The emergence of pottery is one of the most important questions in Old World archaeology. Traditionally linked to the rise of settled farming communities in the Middle East, it is now clear that the world's oldest pottery emerged among hunter-gatherers in East Asia during phases of sudden climatic and environmental change. This international workshop assembled researchers from Russia, UK and Japan and focused on current research into Late Pleistocene / Holocene hunter-gatherer archaeology and palaeoenvironments in Honshu, Hokkaido, Sakhalin, the Amur and in Eurasia more generally. It aimed to:
- Present and discuss recent archaeological data and materials from across NE Asia / Eurasia
- Critically review current models for (a) the emergence of pottery, (b) the Palaeolithic/Neolithic transition in NE Asia, and more generally, (c) explore the suite of cultural and technological responses by prehistoric hunter-gatherers to climate-change in the post-glacial environments of NE Asia.
- Review how some of these current research hypotheses/models can now be tested using new scientific methods and approaches (e.g. organic residue analysis of early pottery wares to reconstruct dietary patterns and adaptations).
- To take this agenda forwards, specialists also worked with local collections and sampled Early Neolithic pottery from across Sakhalin.
- In order to understand the landscape and environmental contexts of Sakhalin's early/Middle Neolithic archaeology, the group also visited sites and research centres located on the shores of the Okhotsk Sea, SE Sakhalin.

WORKSHOP: PARTICIPANTS, PAPERS AND PROGRAM
Summary of Research Papers:
- A.V. Vasilevski (Sakhalin Lab. of Arch. and Ethnog. RAS.): Opening Address and welcome / Sakhalin Archaeology in Northeast Asian Context
- Peter Jordan (Aberdeen University): Early Pottery Origins and Dispersals in Northern Eurasia: Current Insights and
Future Research Questions

• I.A. Shewkomud (Khabarovsk Regional Museum): Early Pottery and the Osipovka Culture of the Lower Amur, Russian Far East
• Kevin Gibbs (Aberdeen University): Comparative Insights into Early Pottery in the Middle East / Ceramic Analysis in NE Asia: Technology, Use and Provenance [2 papers]
• Hirofumi Kato (Hokkaido University): Jomon Origins in Hokkaido and Northeast Asia
• Tetsuhiro Tomoda (Asahikawa Archaeological Research Centre): Review of Jomon Pottery in NW Hokkaido
• V.A. Grishchenko (Sakhalin Lab. of Arch. and Ethnog. RAS.): New Research into the Early Neolithic of Sakhalin Island
• I.A. Samarin (Yuzhno-Sakhalinsk Museum): Early Jomon Archaeology of the Kurils
• O.A. Shubina (Yuzhno-Sakhalinsk Museum): Middle Jomon Archaeology of the Kurils

Discussant:
• A.N. Popov (Director of Museums, Far Eastern National University, Vladivostok).
Also present: Ren Iwanami (MA student, Hokkaido University); local Sakhalin archaeologists/students.

Other Research Activities:
• Whole group: (a) general work/discussion of local/regional pottery collections and (b) sampling Early/Middle/Late Neolithic pottery from Sakhalin for surface and absorbed organic residues (11th March 2012). Whole group: visit to sites and archaeological research centre on shores of Okhotsk Sea Coast (12th-13th March 2012)

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"Bridging Eurasia" Research Initiative 3rd International Workshop
"Archives, Proxies and Approaches to Reconstruct Holocene Environments and Human Dynamics in East Asia: Contribution to Baikal-Hokkaido Archaeology Project" Berlin, Germany, November 7–8, 2011

Jointly organized by: German Archaeological Institute, Department of Eurasian Archaeology and Beijing Branch Office (Prof. Dr. Mayke Wagner), and Free University Berlin, Institute of Geological Sciences (PD Dr. Pavel Tarasov) and BHAP (Dr. Dustin White, Prof. Andrew Bush)

Local Organizing committee: Stefaníe Müller, Dr. (FU Berlin, Geological Sciences), Steffi Hildebrandt (FU Berlin, Geological Sciences), Dominic Hosner, Richard Ehrich (German Archaeological Institute, Eurasian Archaeology), Annette Kossler, PD Dr. Ian Evers (FU Berlin, Geological Sciences).

Monday, November 7
9:00–9:15 Gathering in the conference room, coffee
Self-introduction of participants
Chairman: R. Losey
9:30–10:00 D. White: Introduction of Baikal-Hokkaido Archaeology Project and its Environmental Module
10:00–10:30 A. Bush/E. Collier: Global and regional climate modeling: Applications to Holocene climate change in the Lake Baikal Region and in the North-Western Pacific
10:30–11:00 Coffee break
Chairman: A. Bush
11:00–11:30 M. Wagner: Mapping of human dynamics in northern China since the Neolithic
11:30–12:00 H. Meyer/B. Chaplin: Holocene oxygen isotope record of diatoms and its palaeoclimatic implications: Case Studies from Siberia
12:00–13:00 Lunch break
Chairman: M. Wagner
13:00–13:30 E. Bezrukova: Pollen studies and pollen-based environmental reconstructions in the Lake Baikal Region: current results and future perspective
13:30–14:00 T. Kleinen: Holocene climate and vegetation modeling: Eurasian perspective
14:00–14:20 Coffee break
Chairman: D. White
14:20–14:40 D. Demske: Facilitating palaeoenvironmental studies: photo documentation of fossil palynomorphs from Lake Suigetsu and analysis of surface samples from Hokkaido and Sakhalin
14:40–15:00 A. Kossler: Potential of high-resolution diatom studies: Results from Lake Suigetsu, Japan

30

10-minute presentations of PhD students:

S. Hildebrandt: Variations in vegetation and climate reflected in the modern pollen spectra from the Lake Baikal region, Siberia

C. Leipe: Surface pollen spectra from monsoonal Asia and its application for quantitative reconstruction of Holocene vegetation and climate

M. Bergemann: Parametrisation of a plant moisture budget: Implementation and application in BIOME I model for northern Asia

L. Taft: δ¹⁸O and δ¹³C analyses in shells of the freshwater gastropod Radix sp. Potential analysis of a new palaeoclimate archive for the Tibetan Plateau

Ding Wie: Pollen data from China: reconstructions of human impact and environmental change

General Discussion: Moderators D. White/P. Tarasov

Coffee break

R. Losey: Public lecture: Bear Ritual at the Shamanka Cemetery on Lake Baikal, Siberia

Deutsches Archäologisches Institut, Gartensaal, Peter-Lenné-Str. 32, 14195 Berlin

Tuesday, November 8

9:30–15:00 Continuation of the workshop (palaeoenvironmental group) in the Institute of Geological Sciences, FU Berlin (Campus Lankwitz, Building D. Room D012).

Discussion of the next joint steps in environmental research and modeling.

Baikal–Hokkaido Archaeology Project Start-up Meetings
Jozankei and Sapporo, Japan, July 15–22, 2011


Day 1, Friday, 15 July, 2011: Arrival, check in, Jozankei Hot Springs (Hotel Milione)

19:00–Late Dinner and drinks at the hotel restaurant

Day 2, Saturday, 16 July, 2011: Proceedings (Ainu Community Center near Jozankei)

6:45–08:30 Breakfast at the hotel restaurant

09:00 Departure by bus for the Ainu Community Centre

09:30–09:45 Welcome and introductions: H. Kato and A. Weber

09:45–10:15 Business meeting 1: Management, research plan, finances, advisory board, etc., leaders: A. Weber, A. Hiob

10:15–11:00 Business meeting 2: Academic dissemination, leaders: P. Jordan

11:00–11:15 Coffee

11:15–11:45 Business meeting 3: Public dissemination, leaders: H. McKenzie, 30 minutes

11:45–12:15 Business meeting 4: Student training (graduate & undergraduate), leaders: A. Lieverse, H. McKenzie

12:45–13:45 Lunch, 60 minutes (catered at the Ainu Community Centre)


14:15–14:45 Business meeting 6: Bone chemistry tests, leaders: R. Schulting, M. Yoneda

14:45–15:00 Coffee

15:00–15:30 Business meeting 7: Human osteological analyses, leaders: H. Ishida, A. Lieverse

15:30–16:00 Business meeting 8: Zooarchaeological studies (osteological and DNA), leaders: R. Losey, T. Sato, N. Savel’ev

16:00 Return by bus to Hotel Milione

19:00–Late Dinner and drinks at the hotel restaurant

Day 3, Sunday, 17 July, 2011: Official opening ceremony and public lectures (Hokkaido University Sapporo)

6:45–08:30 Breakfast at the hotel restaurant

08:30 Departure by bus for Hokkaido University
Welcome: Prof. H. Kato, Hokkaido University
Opening addresses: Prof. T. Hondoh, Vice-President, Hokkaido University; Mr. T. Kato, President, Ainu Association; Mr. O. Iwaki, Superintendent, Board of Education, Kafuka, Rebun Island; Prof. A. Weber, University of Alberta

Lecture 1: P. Jordan, University of Aberdeen, United Kingdom: Holocene hunter-gatherers of Northeast Asia and Hokkaido archaeology and project overview

Coffee

Lecture 2: R. Losey, University of Alberta, Canada: Ten years of the Baikal Archaeology Project
Lunch

Lecture 3: A. Lieverse, University of Saskatchewan, Canada: Bioarchaeology of human skeletal remains: Hokkaido and Baikal

Coffee

Lecture 4: J. Habu, University of California, Berkeley: Subsistence specialization, climate change, and human impacts on the Jomon landscape: A case study from northern Japan

Return by bus to Hotel Milione


Breakfast at the hotel restaurant
Departure by bus for the Ainu Community Centre

Lecture 5: V.I. Bazaliiskii, Neolithic cemeteries on the Angara and southwest Baikal, Siberia
Lecture 6: O.I. Goriunova, AG Novikov, Neolithic and Bronze Age cemeteries on Lake Baikal
Coffee

Business meeting 9: Human DNA work, leaders: R. Masuda, F. Bamforth, N. Adachi
Business meeting 10: Paleoenvironmental fieldwork, leaders: D. White, E. Bezrukova
Lunch; 60 minutes (catered at the Ainu Community Centre)
Business meeting 11: Paleoenvironmental modeling, leaders: P. Tarasov, A. Bush
Business meeting 12: Mortuary archaeology (Baikal), leaders: H. McKenzie, V.I. Bazaliiskii, O.I. Goriunova
Coffee
Plenary session and closing addresses, leaders: A. Weber, H. Kato
Return by bus to Hotel Milione
Dinner and drinks at the hotel restaurant

Day 5, Tuesday, 19 July, 2011: Departure home or transfer to Rebun Island (optional)
Breakfast at the hotel restaurant
Departure home or transfer to Rebun Island for excursion
ANA Hotel Wakanai

Day 6, Wednesday, 20 July, 2011: Rebun Island (visit Funadomari and Hamanaka sites)
Hotel Rebun, Kafuka, Rebun Island

Day 7, Thursday, 21 July, 2011: Free day. Sightseeing on Rebun Island
Hotel Rebun, Kafuka, Rebun Island

Day 8, Friday, 22 July, 2011: Departure of participants from Rebun Island
Travel day to Sapporo, arrive in the evening c. 8:00pm.