Texas A&M University  
Departmental Request for a New Course  
Undergraduate • Graduate • Professional  
Submit original form and 2 copies. Attach a course syllabus to each.

1. This request is submitted by the Department of **Anthropology**

2. Course prefix, number and complete title **Anth 651 Pleistocene Prehistory of Northeast Asia and Alaska**

3. Course description (not more than 50 words)  
Survey of the Ice-Age paleoenvironments, prehistory and paleoanthropology of Siberia, China, Japan, and Bering  
Land Bridge area, especially in the context of human colonization of the region and origins of the first Americans.

4. Prerequisite(s) Graduate classification  
Cross-listed with

5. Is this a variable credit course?  
☐ Yes  ☑ No  
If yes, from _____ to _____

6. Is this a repeatable course?  
☐ Yes  ☑ No  
If yes, this course may be taken _____ times. Will the course be repeated within the same semester/term?  
☐ Yes  ☑ No

7. Has this course been taught as a 489/689?  
☐ Yes  ☑ No  
If yes, how many times?  
Indicate the number of students enrolled for each academic period it was taught.  
Spring 2008: 6

8. This course will be:  
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)

   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   M.A. and Ph.D. in Anthropology

9. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

10. Prefix | Course # | Title (exclude punctuation)  
**ANTH 651** Pleistocene Prehistory of Northeast Asia and Alaska

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>SCH</th>
<th>Subject Matter Content Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
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<tbody>
<tr>
<td>0</td>
<td>3</td>
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<td>03 0 0 04 5 02 01 00 01 02 08 08 09 03 6 3 2</td>
<td>28 08 09 09</td>
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</tbody>
</table>

Do not complete shaded area.

Approval recommended by:  
**J. D. Hamilton**  
Date 01/11/07  
Chair, College Review Committee  
Date

Head of Department (if cross-listed course)  
Date  
Dean of College  
Date  

Submitted to Coordinating Board by:  
Dean of College  
Date

Director of Academic Support Services  
Date  
Effective Date

To have this form reviewed, please send to Linda F. Lacey, Mail Stop 1265 or fax to 847-8737.  
OAR/AS-5/04
Anth 651
Pleistocene Prehistory of Northeast Asia and Alaska

Monday 10 AM-1 PM
Anthropology 214

Course Instructor

Dr. Ted Goebel; Office: Anthropology 208; Phone: 862-4544; E-mail: goebel@tamu.edu
Office Hours: Mon, noon-2pm; Tues, 9 am-noon; Wed 2-4 pm

Course Standards

• Know and understand the major issues in the study of paleoanthropology and Paleolithic
  archaeology in Asia and Alaska today, including Pleistocene climate change and its impact on
  hominin populations, initial hominin colonization during the early Pleistocene, the evolution of
  hominid anatomy and behavior, emergence and dispersal of anatomically modern human
  populations, evolution of arctic adaptations, and the origins of contemporary northeast Asian and
  Alaskan populations.
• Know the various kinds of evidence and methods (and understand their strengths and
  weaknesses) that are used by paleoanthropologists and Paleolithic archaeologists to investigate
  these issues.
• Understand the implications of the northeast Asian and Alaskan Paleolithic archaeological
  records for the peopling of the Americas.
• Identify gaps in our knowledge of human evolution and prehistory in these regions and propose
  research to fill those gaps.
• Comprehend arguments and evidence presented in scholarly publications and evaluate their
  strengths and weaknesses.
• Write “publishable quality” essays and papers that present interesting, logical, and clear
  arguments using scholarly publications as references and style conventions of *American
  Antiquity*.
• Orally present clear, concise, and convincing arguments.

Course Structure

This is a graduate seminar that meets for three hours each week of the semester. Class meetings
will consist primarily of student presentations and group discussions. Typically, each session will
begin with the discussion of a general article or set of articles addressing the topic of the day.
This will be followed by student presentations and group discussions on specific aspects of the
topic. On some days student presenters will debate a specific issue, while on other days
presentations will probe a specific site, idea, or anthropologist’s work. The instructor will provide you with an outline of each class session at least two weeks in advance.

Five times during the semester, each student will conduct in-depth research on a specific assigned topic, preparing a 30 minute presentation and leading a discussion in class regarding that topic. Also, the presenter will distribute a one-page handout to the class. This handout should list cited references and provide important graphics (tables, figures). There are three writing assignments for this course. Each will be an 8-10 page (double-spaced) essay preferably on a topic you discussed in class. The first paper will relate to initial hominid colonization and the evolution of Homo erectus, Neanderthals, and early modern humans in northeast Asia. The second paper will relate to the Upper Paleolithic of northeast Asia or Alaska. The third paper will relate to Holocene prehistory, <11,000 ^14C BP. The papers will be due on the following dates: February 26, April 2, and May 7. Papers need to be in the style of American Antiquity (consult the following website: http://www.saa.org/publications/Styleguide/styleGuide.pdf), paying careful attention to title, abstract, headings, abbreviations and notations, and bibliographic style (but don’t worry about submitting a Spanish abstract). The instructor will evaluate your papers for content and mechanics, and your presentations for content, clarity, and organization.

Course Evaluation

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
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<tr>
<td>5 Oral presentations (25 points each)</td>
<td>125 points</td>
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<tr>
<td>3 written essays (50 points each)</td>
<td>150 points</td>
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<tr>
<td>Seminar participation</td>
<td>50 points</td>
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</tbody>
</table>

Total 325 points

Final grades will be based on a traditional scale. To receive an “A” grade, you must earn at least 90% of the points (292.5), to receive a “B” grade, you must earn 80-89% of the points (260-292), to receive a “C” grade, you must earn 70-79% of the points (227.5-259.5), etc.

Course Texts

There are no textbooks that students need to buy for this course. Instead, readings will be journal articles and book chapters available from the university library or your instructor.

However, there are some books that you will refer to repeatedly (during more than one week) that you should consider purchasing (try alibris.com or amazon.com, for starters):


Here are some books that may be helpful from time to time as well (either for general background or for specific weeks of the semester), or that you should have on your bookshelf as students of northeast Asia:


**Course Schedule**

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Jan 22</td>
<td>Course introduction—Setting the stage geographically and archaeologically</td>
</tr>
<tr>
<td>Jan 29</td>
<td>Initial hominin colonization of northeast Asia</td>
</tr>
<tr>
<td>Feb 5</td>
<td>Evolution of genus <em>Homo</em> in China during the middle Pleistocene</td>
</tr>
<tr>
<td>Feb 12</td>
<td>Neanderthal occupation of central Asia and Siberia</td>
</tr>
<tr>
<td>Feb 19</td>
<td>Transition to Upper Paleolithic and emergence of modern humans in central Asia and Siberia</td>
</tr>
</tbody>
</table>
Feb 26  Evolution of modern humans in China and Japan
Mar 5  Beringia before and during the last glacial maximum
Mar 12  *Spring Break*
Mar 19  Siberia during the last glacial maximum, ~25,000-20,000 years ago
Mar 26  Emergence of microblade technologies in northeast Asia
Apr 2   Beringia during the Allerod interstadial
Apr 9   Beringia during the Younger Dryas
Apr 16  Holocene prehistory of Japanese Archipelago (Jomon and Yayoi)
Apr 23  Siberian Neolithic
Apr 30  No class (NSF panel meeting for Goebel)
May 7   Origins and spread of Eskimo-Aleut populations
         *Final exam period, 8-10 am*

**Americans with Disabilities Act (ADA) Policy Statement**

The following ADA Policy Statement (part of the Policy on Individual Disabling Conditions) was submitted to the University Curriculum Committee by the Department of Student Life. The policy statement was forwarded to the Faculty Senate for information.

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Cain Hall or call 845-1637.

**Academic Integrity Statement**

"An Aggie does not lie, cheat, or steal or tolerate those who do."

Please consult the Honor Council Rules and Procedures at the following web:
http://www.tamu.edu/aggiehonor
Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 1 (January 22, 2007)
Setting the Stage: Geography of Northeast Asia and Alaska; Character of American Paleoindian Technology

I. Everyone become familiar with the following geographic features of northeast Asia and Beringia [American spellings are given].

<table>
<thead>
<tr>
<th>Alaska Peninsula</th>
<th>Hubei Province</th>
<th>Porcupine River</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska Range</td>
<td>Indigirka River</td>
<td>Queen Charlotte Islands</td>
</tr>
<tr>
<td>Aleutian Islands</td>
<td>Inner Mongolia</td>
<td>Russian Far East</td>
</tr>
<tr>
<td>Alexander Archipelago</td>
<td>Irkutsk</td>
<td>Sakahalin</td>
</tr>
<tr>
<td>Altai Mountains</td>
<td>Kamchatka</td>
<td>Sayan Mountains</td>
</tr>
<tr>
<td>Amur River</td>
<td>Kamchatka River</td>
<td>Sea of Okhotsk</td>
</tr>
<tr>
<td>Anadyr River</td>
<td>Khabarovsk</td>
<td>Seoul</td>
</tr>
<tr>
<td>Anchorage</td>
<td>Kobuk River</td>
<td>Seward Peninsula</td>
</tr>
<tr>
<td>Angara River</td>
<td>Kolyma River</td>
<td>Shaanxi Province</td>
</tr>
<tr>
<td>Beijing</td>
<td>Krasnoyarsk</td>
<td>Shanxi Province</td>
</tr>
<tr>
<td>Bering Sea</td>
<td>Kuril Islands</td>
<td>Siberia</td>
</tr>
<tr>
<td>Brooks Range</td>
<td>Kuskokwim River</td>
<td>South Korea</td>
</tr>
<tr>
<td>China</td>
<td>Kyushu</td>
<td>Taimyr Peninsula</td>
</tr>
<tr>
<td>Chita</td>
<td>Lake Baikal</td>
<td>Tanana River</td>
</tr>
<tr>
<td>Chukchi Sea</td>
<td>Lena River</td>
<td>Tibetan Plateau</td>
</tr>
<tr>
<td>Chukotka</td>
<td>Mackenzie Mountains</td>
<td>Ulak Bator</td>
</tr>
<tr>
<td>Enisei River</td>
<td>Mackenzie River</td>
<td>Ural Mountains</td>
</tr>
<tr>
<td>Fairbanks</td>
<td>Magadan</td>
<td>Verkhoyansk Mountains</td>
</tr>
<tr>
<td>Gobi Desert</td>
<td>Manchuria</td>
<td>Vladivostok</td>
</tr>
<tr>
<td>Hebei Province</td>
<td>Mongolia</td>
<td>Wrangel Island</td>
</tr>
<tr>
<td>Henan Province</td>
<td>New Siberian Islands</td>
<td>Yakutsk</td>
</tr>
<tr>
<td>Hokkaido</td>
<td>North Korea</td>
<td>Yana River</td>
</tr>
<tr>
<td>Honshu</td>
<td>Novosibirsk</td>
<td>Yukon River</td>
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<tr>
<td>Huang He (Yellow Riv.)</td>
<td>Ob' River</td>
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</tbody>
</table>

II. Everyone read the following articles and prepare for general discussion.

**Seminal articles:**


**Other important articles:**


Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 2 (January 29, 2007)
Initial Hominin Colonization of Northeast Asia

I. Everyone read the following articles and prepare for general discussion.

**Seminal articles:**

Dennell, R.

Waters, M. R., S. L. Forman, J. M. Pierson


II. Student presentations on the following topics.

1. ____________________ Review of earliest Nihewan sites, north China.

2. ____________________ Review of Diring site, Siberia.

III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more.

**More important articles about Nihewan Basin, China:**

Gao, Xing, Qi Wei, C. Shen, and S. Keates

Schick, K. D., and Dong Zhuan

Shen, C.

More important articles about Diring and other Siberian Lower Paleolithic Sites:

Derev’anko, A. P. (ed.)

Drozdov, N. I., J. Chlachula, and V. P. Chekha

Goebel, T.

Kuzmin, Y. V., and S. K. Krivonogov


Mochanov, Y. A.

Larichev, V., U. Khol’ushkin, and I. Laricheva

Okladnikov, A. P., and G. A. Pospelova

Waters, M. R., S. L. Forman, and J. M. Pierson

Background papers on the early spread out of Africa:

Antón, S. C., and C. C. Swisher, III

Dennell, R.
2004 Hominid Dispersals and Asian Biogeography during the Lower and Early Middle Pleistocene, c. 2.0-0.5 Mya. *Asian Perspectives* 43(2):205-226.


Huang, W., R. Ciochon, Y. Gu, R. Larick, Q. Fang, H. Schwarcz, C. Younge, J. De Vos, and W. Rink

Larick, R., R. L. Ciochon, Y. Zaim, Sudijono, Suminto, Y. Rizal, F. Aziz, M. Reagan, and M. Heizler


Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 3 (February 5, 2007)
Evolution of Genus *Homo* in China during the Middle Pleistocene

I. Everyone read the following articles and prepare for general discussion.

*Seminal articles:*

Boaz, N. T., R. L. Ciochon, Q. Xu, and J. Liu

Etler, D. A.

Schick, K. D.

II. Student presentations on the following topics.

1. __________________________ Chronology and climate setting of early *Homo* in China

2. __________________________ Evidence and implications of use of fire and other behaviors at Zhoukoudian.

III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more.

*More important articles about Zhoukoudian:*

Goldberg, P., S. Weiner, O. Bar-Yosef, Q. Xu, and J. Liu

Grön, R., P-H. Huang, W. Huang, X. Wu, C. B. Stringer, A. G. Thorne, and M. McCulloch

Jia, L., and Huang W.

Tattersall, I., and G. J. Sawyer

*More important articles about early Homo in eastern Asia:*

Aigner, J. S.

Binford, L. R., and C. K. Ho
1985 Taphonomy at a Distance: Zhoukoudian. *Current Anthropology* 26:413-442.

Binford, L. R., and N. M. Stone

Dennell, R.
2003 Dispersal and Colonisation, Long and Short Chronologies: How Continuous is the Early Pleistocene Record for Hominids Outside of East Africa? *Journal of Human Evolution* 45:421-440 [also on last week’s reading list].

Grün, R., P.-H. Huang, W. Huang, F. McDermott, A. Thorne, C. B. Stringer, and G. Yan

Hyodo, M., H. Nakaya, A. Urabe, H. Saegusa, X. Shunrong, Y. Jiyun, and J. Xuepin

Li, T., and D. A. Etler

Liu, W., Y. Zhang, and X. Wu

Norton, C. J., K. Bae, J. W. K. Harris, and H. Lee

Pope, G. G.

Pope, G. G.


**More important papers and books about the Paleolithic of China:**

Clark, J. D., and K. D. Schick  

Keates, S. G.  

Miller-Antonio, S.  

Movius, H.  

Olsen, J. W., and S. Miller-Antonio  

Pope, G. G.  

Schick, K., N. Toth, Wei Q, J. D. Clark, and D. Etler  

Wu, R., and J. W. Olsen (eds.)  
Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 4 (February 12, 2007)
Neanderthal Occupation of Central Asia and Siberia

I. Everyone read the following articles and prepare for general discussion.

Seminal articles:

Derev’anko, A. P.

Goebel, T.

II. Student presentations on the following topics.

1. ___________________________ Who made the Middle Paleolithic assemblages of central Asia and Siberia—Neanderthals, modern humans, or someone else entirely?

2. ___________________________ How did Middle Paleolithic hominins adapt to life in the northern environments of Siberia?

III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more.

More important articles about Neanderthals in central Asia and Siberia:

Alekseev, V. P., and I. I. Gokhman
1984 Anthropologii Aziatskoj Chasti SSSR. Nauka, Moscow [in Russian; pp. 8-12].

Angel, J. L.

Movius, H. L.

Shpakova, E. G.

Shpakova, E. G., and A. P. Derevianko

Turner, C. G.

**More important articles about the Middle Paleolithic of central Asia and Siberia:**

Derevianko, A. P., J. W. Olsen, D. Tseveendorj, A. I. Krivoshapkin, V. T. Petrin, and P. J. Brantingham

Larichev, V., U. Khol'ushkin, and I. Laricheva

Shun’kov, M. V., and A. K. Agadjanian

Tashak, V. I.

Also, note that many of the papers in the reading list for seminar 4 (on the Middle to Upper Paleolithic Transition) present analyses of Siberian Middle Paleolithic sites, so you may want to browse through those, too.

**Some important books about Neanderthals:**

Akazwa, T., K. Aoki, and O. Bar-Yosef

Finlayson, C.

Hoffecker, J. F.

Mellars, P.

Stringer, C., C. Gamble

Trinkaus, E.

Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 7 (March 5, 2007)
Siberia during the Last Glacial Maximum, ~25,000-20,000 Years Ago

I. Everyone read the following articles and prepare for general discussion.

Seminal articles:

II. Student presentations on the following topics.

1. _____________ What is the "mammoth steppe" and how is it defined? [Use geological, palynological, and paleontological evidence to present a picture of the Siberian landscape during full-glacial times.]

2. _____________ How did humans in Siberia adapt to an existence on the full-glacial "mammoth steppe" of Siberia? [Review the archaeological evidence of the middle Upper Paleolithic (or "Mal'ta complex" of Siberia), ~25,000-20,000 14C BP.]

3. _____________ Were humans in Siberia during the last glacial maximum, 20,000-18,000 14C BP? [Review paleoenvironmental evidence to interpret climate and environment during the LGM, and review archaeological evidence of humans in Siberia during that time.]

III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more.

More important articles about the early Upper Paleolithic in central Asia and Siberia:

Derev'anko, A. P. (ed.)

Derevianko, A. P., and S. V. Markin

Derevianko, A. P., and P. V. Volkov

Derevianko, A. P., and E. P. Rybin

Derevianko, A. P., and M. V. Shunkov


Derevianko, A. P., V. T. Petrin, and E. P. Rybin

Derevianko, A. P., V. T. Petrin, S. V. Nikoaiev, and E. P. Rybin

Derevianko, A. P., M. V. Shunkov, K. A. Kolobova, and V. T. Petrin

Goebel, T.

Gerronpré, M., and L. Lbova

Goebel, T.

Goebel, T.

Goebel, T., and M. Aksenov
Goebel, T., A. P. Derevianko, and V. T. Petrin

Goebel, T., M. R. Waters, and M. N. Meshcherin

Kuzmin, Y. V.

Larichev, V., U. Khol’ushkin, and I. Laricheva

Larichev, V., U. Khol’ushkin, and I. Laricheva

Larichev, V., U. Khol’ushkin, and I. Laricheva

Lbova, L. V.

Otte, M.

Powers, W. R.

Rybin, E. P., and X. A. Kolobova

Vasil’ev, S. A., and V. A. Semenov

Vishnyatsky, L. B.
Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 6 (February 26, 2007)
Evolution of Modern Humans in China and Japan

I. Everyone read the following articles and prepare for general discussion.

**Seminal articles:**


Keates, S. G., G. W. L. Hodgins, Y. V. Kuzmin, and L. A. Orlova

II. Student presentations on the following topics.

1. __________________ Are there transitional fossils (between archaic and modern Asians) in eastern Asia, implying local evolution of modern humans? [Review contexts, supposed ages, and morphologies of late Middle Pleistocene and early Upper Pleistocene hominin fossils (e.g., Dali, Maba, Jinniushan).].

2. __________________ When did anatomically modern humans appear in eastern Asia, and what is the evidence? [Review contexts, supposed ages, and morphologies of earliest modern fossil hominins].

3. __________________ What is the evolutionary significance of the early blade industries of north China? [Review archaeology of Upper Pleistocene China, focusing on Shuidonggou site].

III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more.

**More important articles about Upper Pleistocene hominins in Eastern Asia:**


Cunningham, D. L., and R. L. Jantz

Cunningham, D. L., and D. J. Wescott

Etler, D. A.

James, H. V. A., and M. D. Petraglia

Jia L. and Huang W.

Kamminga, J., and R. V. S. Wright


Pope, G. G.

Qiu Z.

Shen, G., W. Wang, Q. Wang, J. Zhao, K. Collerson, C. Zhou, and P. V. Tobias

Tang, C.

Wu X., and M. Wu

Wu X., and Zhang Z.

Wu X., and F. E. Poirier
Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 7 (March 5, 2007)
Siberia during the Last Glacial Maximum, ~25,000-20,000 Years Ago

I. Everyone read the following articles and prepare for general discussion.

Seminal articles:

Kuzmin, Y. V., and S. G. Keates

Vasil’ev, S. A.

II. Student presentations on the following topics.

1. ________________ When was the “last glacial maximum” in Siberia and what was it like, climatically and environmentally? [Use geological, palynological, and paleontological evidence to present a picture of the Siberian landscape during full-glacial times.]

2. ________________ How did humans in Siberia adapt to an existence on the full-glacial landscape of Siberia? [Review the archaeological evidence of the middle Upper Paleolithic (or “Mal’ta complex” of Siberia), ~25,000-20,000 14C BP.]

3. ________________ Were humans in Siberia during the last glacial maximum, 20,000-18,000 14C BP? [Review paleoenvironmental evidence to interpret climate and environment during the LGM, and review archaeological evidence of humans in Siberia during that time.]

III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more.

More important articles about the full glacial environments of Siberia:

2002 Late Pleistocene and Holocene Vegetation and Climate on the Taymyr Lowland, Northern Siberia. Quaternary Research 57:138-150.

Arkhipov, S. A.

Arkhipov, S. A., L. L. Isayeva, V. G. Bespaly, and O. Glushkova
1986 Glaciation of Siberia and North-East USSR. Quaternary Science Reviews 5:463-474.

Astakhov, V. I.

Chlachula, J.

Grosswald, M. G.

Kienast, F., L. Schirrmeister, C. Siegert, and P. Tarasov

Mangerud, J., V. Astakhov, M. Jakobsson, and J. I. Svendsen

Møller, P., D. Yu. Bolshiyanov, and H. Bergsten

Svendsen, J. I., et al.

Wright, H. E.

Yurtsev, B. A.

Zander, A., M. Frechen, V. Zykina, and W. Boenigk
2003 Luminescence Chronology of the Upper Pleistocene Loess Record at Kurtak in Middle Siberia. *Quaternary Science Reviews* 22:999-1010.

**More important articles about the middle Upper Paleolithic (Malt'ya Complex):**

Derev’anko, A. P. (ed.)
1998 *The Paleolithic of Siberia: New Discoveries and Interpretations*. University of Illinois Press, Urbana [for this week, read sections on Malt’ya, Buret’ and other middle Upper Paleolithic sites].

Derevianko, A. P., V. N. Zenin, S. V. Leshchinskiy, and E. N. Mashcenko

Goebel, T.
Haynes, C. V., Jr.


Larichev, V., U. Khol’ushkin, and I. Laricheva

Larichev, V., U. Khol’ushkin, and I. Laricheva

Larichev, V., U. Khol’ushkin, and I. Laricheva

Richards, M. P., P. B. Pettit, M. C. Stiner, and E. Trinkaus


Terry, K., I. Buvit, and M. V. Konstantinov

Vasil’ev, S. A., and V. A. Semenov

*More important articles about humans in Siberia during the last glacial maximum:*

Goebel, T.

Graf, K. E.

Rhode, D., D. B. Madsen, P. J. Brantingham, and T. Goebel
Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 8 (March 19, 2007)
Emergence of Microblade Technologies in Northeast Asia

I. Everyone read the following articles and prepare for general discussion.

Seminal articles:

Elston, R. G., and P. J. Brantingham

Goebel, T.

Mochanov, Yu. A.

Yi, S., and G. Clark

II. Student presentations on the following topics.

1. _________________ Why make microblades? [Review what microblade technologies are all about and some of the recent theories explaining their adaptive significance.]

2. _________________ What are the origins of microblade technologies in Siberia? [Review the debate concerning whether these technologies emerged before or after the last glacial maximum.]

3. _________________ What are the origins of microblade technologies in Japan, China, and the Russian Far East?

III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more.

More important articles about the late Upper Paleolithic of Siberia:

Aksenov, M. P.
Buvit, I., K. Terry, A. V. Konstantinov, and M. V. Konstantinov

Davis, R. S.

Derev’anko, A. P. (ed.)
1998 *The Paleolithic of Siberia: New Discoveries and Interpretations*. University of Illinois Press, Urbana [for this week, read sections on late Upper Paleolithic sites].

Goebel, T.

Goebel, T.

Goebel, T., M. Waters, I. Buvit, M. Konstantinov, and A. Konstantinov


Kuzmin, Y. V.

Kuzmin, Y. V., A. J. T. Jull, and I. I. Razgildeeva

Kuzmin, Y. V., and L. A. Orlova

Kuzmin, Y. V., V. G. Petrov, and K. Jong-Chan

Kuzmin, Y. V., and K. B. Tankersley

Larichev, V., U. Khol’ushkin, and I. Laricheva

Larichev, V., U. Khol’ushkin, and I. Laricheva

Larichev, V., U. Khol’ushkin, and I. Laricheva

Michael, H. N.


Vasil’ev, S. A.

Vasil’ev, S. A., and V. A. Semenov


*More important articles about the late Upper Paleolithic of China:*

Chen Chun

Chen Chun and Wang Xiang-Qian

Gai Pei

Jia Lanpo, and Huang Weiwen

Tang, C.

*More important books and articles about the late Upper Paleolithic of Japan:*

Abe, S.

Aikens, C. M., and T. Higuchi

Imamura, K.

Kimura, H.

Kudo, Y.

Mizoguchi, K.

Nakazawa, Y., and M. Izuho

Ono, A., H. Sato, T. Tsutsumi, and Y. Kudo
Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 9 (March 26, 2007)
Beringia Before and During the Last Glacial Maximum

I. Everyone read the following articles and prepare for general discussion.

*Seminal articles:*

Brigham-Grette, J., A. V. Lozhkin, P. M. Anderson, and O. Y. Glushkova

Clague, J. J., R. W. Mathewes, and T. A. Ager

Morlan, R. E.


II. Student presentations on the following topics.

1. ____________________ What were Beringian landscapes like during full glacial times? Review the “mammoth steppe” concept.

2. ____________________ What is Yana RHS and what are the implications of this discovery? Review the site’s geology, dating, and archaeology.

3. ____________________ What is the evidence of an early (pre-13,000 ^14C BP) presence of humans in eastern Beringia? Review the archaeological records of Old Crow and Bluefish Caves.

III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more.

*More important articles about Beringian landscapes and the mammoth steppe:*

Ager, T. A.
2003 Late Quaternary Vegetation and Climate History of the Central Bering Land Bridge from St. Michael Island, Western Alaska. *Quaternary Research* 60:19-32.

Alfimov, A. V., and D. I. Berman
2001 Beringian Climate during the Late Pleistocene and Holocene. *Quaternary Science Reviews* 20:127-134.

Anderson, P. M., A. V. Lozhkin, and L. B. Brubaker

Brigham-Grette, J.


Edwards, M. E., A. V. Sher, and R. D. Guthrie

Elias, S. A.
2000 Late Pleistocene Climates of Beringia, Based on Analysis of Fossil Beetles. *Quaternary Research* 53:229-235.


Goetheus, V. G., and H. H. Birks

Gualtieri, L., S. Vartanyan, J. Brigham-Grette, and P. M. Anderson

Gualtieri, L., S. L. Vartanyan, J. Brigham-Grette, and P. M. Anderson

Guthrie, R. D.

Hofle, C., M. E. Edwards, D. M. Hopkings, D. H. Mann, and C-L. Ping


**More important articles and books about the early archaeological record of Beringia:**

**Bonichsen, R.**

**Goebel, T.**

**Guthrie, R. D.**

**Haynes, C. V., Jr.**

**Irving, W. N.**


**Irving, W. N., and C. R. Harington**
Mochanov, Y. A., and S. A. Fedoseeva

Morlan, R. E.


Morlan, R. E., and J. Cinq-Mars


Pavlov, P., W. Roebroeks, and J. I. Svendsen
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Seminar 10 (April 2, 2007)
Beringia during the Allerod Interstadial

I. Everyone read the following articles and prepare for general discussion.

*Seminal articles:*

Hoffecker, J. F., and S. A. Elias

II. Student presentations on the following topics.

1. __________________ Review of Chapter 2, pp. 22-76.

2. __________________ Review of Chapter 4, pp. 101-131.


III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more can be found in the bibliography of Hoffecker and Elias’ book.
Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 11 (April 2, 2007)
Beringia during the Younger Dryas Stadial

I. Everyone read the following articles and prepare for general discussion.

**Seminal articles:**

Hoffecker, J. F., and S. A. Elias

II. Student presentations on the following topics.


2. __________________ Review of Chapter 6, pp. 185-204.


III. Other very interesting articles to read if you are researching one of the topics above or just want to learn more can be found in the bibliography of Hoffecker and Elias' book.
Anthropology 651: Pleistocene Prehistory of Northeast Asia and Alaska

Seminar 12 (April 16, 2007)
Holocene Prehistory of Japanese Archipelago (Jomon and Yayoi)

I. Everyone read the following articles and prepare for general discussion.


II. Student presentations.

1. __________________________ When and in what context did pottery technologies emerge in Japan during the terminal Pleistocene/early Holocene?


3. __________________________ Agriculture!? Review current theories regarding the origins and spread of wet-rice cultivation and other food-producing economies in Japan.

III. Other important materials.


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Seminar 13 (April 23, 2007)
Eskimo-Aleut Origins

I. Everyone read the following articles and prepare for general discussion.


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Seminar 14 (5:30-7:30 pm, March 23, 2007)
Siberian Neolithic

I. Everyone read the following articles and prepare for general discussion.

Seminal articles:

Weber, A. W., D. W. Link, and M. A. Katzenberg


Other important materials:

Weber, A., and H. McKenzie (eds.)

II. There are no student presentations for this seminar. Be prepared to discuss the two articles.