

Reference list

PAGES news Vol. 20, No. 2 - December 2012

http://www.pages-igbp.org/products/newsletters/ref2012_2.pdf

Special Section: Japanese Paleoscience, p 60-85

Ocean circulation in the North Pacific during the last glacial termination

Yusuke Okazaki et al., p 60

- Brigham-Grette J (2001) New perspectives on Beringian Quaternary paleogeography, stratigraphy, and glacial history, *Quaternary Science Reviews* 20: 15-24
- Brunelle BG et al. (2010) Glacial/interglacial changes in nutrient supply and stratification in the western subarctic North Pacific since the penultimate glacial maximum, *Quaternary Science Reviews* 29: 2579-2590
- Chikamoto MO et al. (2012) Variability in North Pacific intermediate and deep water ventilation during Heinrich events in two coupled climate models, *Deep-Sea Research II* 61-64: 114-126
- Crusius J et al. (2004) Influence of northwest Pacific productivity on North Pacific Intermediate Water oxygen concentrations during the Bølling-Ållerød interval (14.7–12.9 ka), *Geology* 32: 633-636
- Galbraith ED et al. (2007) Carbon dioxide release from the North Pacific abyss during the last deglaciation, *Nature* 449: 890-894
- Horikawa K, Asahara Y, Yamamoto K and Okazaki Y (2010) Intermediate water formation in the Bering Sea during glacial periods: Evidence from neodymium isotope ratios, *Geology* 38: 435-438
- Hu A, Meehl GA and Han W (2007) Response of Thermohaline Circulation to Freshwater Forcing under Present Day and LGM Conditions, *Geophysical Research Letters* 34, doi: 10.1029/2006GL028906
- Hu A et al. (2012) The Pacific-Atlantic seesaw and the Bering Strait, *Geophysical Research Letters* 39, doi: 10.1029/2011GL050567
- Jaccard SL et al. (2005) Glacial/Interglacial Changes in Subarctic North Pacific Stratification, *Science* 308: 1003-1006
- Keigwin LD (1998) Glacial-age hydrography of the far northwest Pacific Ocean, *Paleoceanography* 13: 323-339
- Keigwin LD et al. (2006) Rapid sea-level rise and Holocene climate in the Chukchi Sea, *Geology* 34: 861-864
- Matsumoto K, Oba T, Lynch-Stieglitz J and Yamamoto H (2002) Interior hydrography and circulation of the glacial Pacific Ocean, *Quaternary Science Reviews* 21: 1693-1704
- McManus JF et al. (2004) Collapse and rapid resumption of Atlantic meridional circulation linked to deglacial climate changes, *Nature* 428: 834-837
- Menviel L, Timmermann A, Timm OE and Mouchet A. (2011) Deconstructing the Last Glacial termination: the role of millennial and orbital-scale forcings, *Quaternary Science Reviews* 30: 1155-1172
- Narita H et al. (2002) Biogenic opal indicating less productive northwestern North Pacific during the glacial ages, *Geophysical Research Letters* 29, doi: 10.1029/2001GL014320
- Ohkushi K, Itaki T. and Nemoto N (2003) Last Glacial–Holocene change in intermediate-water ventilation in the Northwestern Pacific, *Quaternary Science Reviews* 22: 1477-1484
- Okazaki Y et al. (2010) Deepwater Formation in the North Pacific During the Last Glacial Termination, *Science* 329: 200-204
- Saenko OA, Schmittner A and Weaver AJ (2004) The Atlantic–Pacific Seesaw, *Journal of Climate* 17: 2033-2038
- Schmitz WJ (1996) *Woods Hole Oceanographic Institution Technical Report, WHOI-96-0B, 237 pp*
- Talley LD (1993) Distribution and Formation of North Pacific Intermediate Water, *Journal of Physical Oceanography* 23: 517-537

Warren BA (1983) Why is no deep water formed in the North Pacific? *Journal of Marine Research* 41: 327-347

North Pacific - North Atlantic linkages during the Last Glacial Termination

Naomi Harada et al., p 62

- Brassell SC et al. (1986) Molecular stratigraphy: a new tool for climatic assessment, *Nature* 320: 129-133
- Harada N et al. (2004) Northward and southward migrations of frontal zones during the past 40 kyr in the Kuroshio-Oyashio transition area, *Geochemistry Geophysics Geosystems* 5, doi: 10.1029/2004GC000740
- Harada N, Sato M, Shiraishi and Honda MC (2006) Characteristics of alkenone distributions in suspended and sinking particles in the northwestern North Pacific, *Geochimica et Cosmochimica Acta* 70: 2045-2062
- Ishiwatari R, Houtatsu M and Okada H (2001) Alkenone-sea surface temperatures in the Japan Sea over the past 36 kyr: warm temperatures at the last glacial maximum, *Organic Geochemistry* 32: 57-67
- Harada N et al. (2012) Sea surface temperature changes in the Okhotsk Sea and adjacent North Pacific during the last glacial maximum and deglaciation, *Deep-Sea Res. II* 61-64: 93-105
- Kiefer T and Kienast M (2005) Patterns of deglacial warming in the Pacific Ocean: a review with emphasis on the time interval of Heinrich event 1, *Quaternary Science Reviews* 24: 1063-1081
- Martin SR, Drucker R and Yamashita K (1998) The production of ice and dense shelf water in the Okhotsk Sea polynyas, *Journal of Geophysical Research* 103: 27771-27782
- McManus JF et al. (2004) Collapse and rapid resumption of Atlantic meridional circulation linked to deglacial climate changes, *Nature* 428: 834-837
- Minoshima K, Kawahata H and Ikehara K (2007) Changes in biological production in the mixed water region (MWR) of the northwestern North Pacific during the last 27 kyr, *Palaeogeography, Palaeoclimatology, Palaeoecology* 254: 430-447
- Ogi M et al. (2001) Does the fresh water supply from the Amur river flowing into the sea of Okhotsk affect sea ice formation? *Journal of the Meteorological Society of Japan* 79: 123-129
- Okazaki Y et al. (2010) Deep water formation in the North Pacific during the last glacial termination, *Science* 329: 200-204
- Prahl FG and Wakeham SG (1987) Calibration of unsaturation patterns in long-chain ketone compositions for paleotemperature assessment, *Nature* 330: 367-369
- Sakamoto T et al. (2005) Ice-rafted debris (IRD)-based sea-ice expansion events during the past 100 kyrs in the Okhotsk Sea, *Deep-Sea Research II* 52: 2275-2301
- Seki O et al. (2007) Time-series sediment trap record of alkenones from the western Sea of Okhotsk, *Marine Chemistry* 104: 253-265
- Tally LD and Nagata Y (1995) The Okhotsk Sea and Oyashio region. *PICES Science Report*, 2, Institute of Ocean Science, Sidney, Canada, 227 pp

Teleconnection mechanism between Millennial-scale Asian Monsoon dynamics and the North Atlantic

Kana Nagashima and Ryuji Tada, p 64

- Abe O et al. (2005) Local Circulation with Aeolian Dust on the Slopes and Foot Areas of the Tianshan and Kunlun Mountains around the Taklimakan Desert, China, *Water, Air, & Soil Pollution: Focus* 5: 3-13
- Asmerom Y, Polyak VJ and Burns SJ (2010) Variable winter moisture in the southwestern United States linked to rapid glacial climate shifts, *Nature geoscience* 3: 114-117
- Brown ET et al. (2007) Abrupt change in tropical African climate linked to the bipolar seesaw over the past 55,000 years, *Geophysical Research Letters* 34, doi: 10.1029/2007GL031240
- Fang et al. (1999) Asian summer monsoon instability during the past 60,000 years: magnetic susceptibility and pedogenic evidence from the western Chinese Loess Plateau, *Earth and Planetary Science Letters* 168: 219-232

- Groottes PM and Stuiver M (1997) Oxygen 18/16 variability in Greenland snow and ice with 10–3– to 105-year time resolution, *Journal of Geophysical Research* 102: 26455-26470
- Kurosaki Y and Mikami M (2005) Regional Difference in the Characteristic of Dust Event in East Asia: Relationship among Dust Outbreak, Surface Wind, and Land Surface Condition, *Journal of the Meteorological Society of Japan* 83A: 1-18
- Laîné A et al. (2009) Northern hemisphere storm tracks during the last glacial maximum in the PMIP2 ocean-atmosphere coupled models: energetic study, seasonal cycle, precipitation, *Climate Dynamics* 32: 593-614
- Moreno A, Cacho I, Canals M and Grimalt JO (2004) Millennial-scale variability in the productivity signal from the Alboran Sea record, *Palaeogeography, Palaeoclimatology, Palaeoecology* 211: 205-219
- Moreno A et al. (2005) Links between marine and atmospheric processes oscillating on a millennial time-scale. A multi-proxy study of the last 50,000 yr from the Alboran Sea (Western Mediterranean Sea), *Quaternary Science Reviews* 24: 1623-1636
- Nagashima K et al. (2007) Contribution of aeolian dust in Japan Sea sediments estimated from ESR signal intensity and crystallinity of quartz, *Geochemistry, Geophysics, Geosystems* 8, doi: 10.1029/2006GC001364
- Nagashima K et al. (2011) Millennial-scale oscillations of the westerly jet path during the last glacial period, *Journal of Asian Earth Sciences* 40: 1214-1220
- Roe G (2009) On the interpretation of Chinese loess as a paleoclimate indicator, *Quaternary Research* 71: 150-161
- Sampe T and Xie S-P (2010) Large-Scale Dynamics of the Meiyu-Baiu Rainband: Environmental Forcing by the Westerly Jet, *Journal of Climate* 23: 113-134
- Schiemann R, Lüthi D and Schär C (2009) Seasonality and Interannual Variability of the Westerly Jet in the Tibetan Plateau Region, *Journal of Climate* 22: 2940-2957
- Steffensen JP et al. (2008) High-Resolution Greenland Ice Core Data Show Abrupt Climate Change Happens in Few Years, *Science* 321: 680-684
- Sun J, Zhang M and Liu T (2001) Spatial and temporal characteristics of dust storms in China and its surrounding regions, 1960–1999: Relations to source area and climate, *Journal of Geophysical Research* 106(D10): 10325-10333
- Sun Y et al. (2007) Distinguishing the sources of Asian dust based on electron spin resonance signal intensity and crystallinity of quartz, *Atmospheric Environment* 41: 8537-8548
- Tada R (2004) Onset and evolution of millennial-scale variability in the Asian monsoon and its impact on paleoceanography of the Japan Sea. In: Clift PD et al. (Eds) *Geophysical Monograph Series* 149, AGU, 283-298
- Tada R, Irino T and Koizumi I (1999) Land-ocean linkages over orbital and millennial timescales recorded in Late Quaternary sediments of the Japan Sea, *Paleoceanography* 14: 236-247
- Thomas ER et al. (2009) Anatomy of a Dansgaard-Oeschger warming transition: High-resolution analysis of the North Greenland Ice Core Project ice core, *Journal of Geophysical Research* 114, doi: 10.1029/2008JD011215
- Wang C, Liang X-Z and Samel AN (2011) AMIP GCM Simulations of Precipitation Variability over the Yangtze River Valley, *Journal of Climate* 24: 2116-2133
- Wang X et al. (2004) Wet periods in northeastern Brazil over the past 210 kyr linked to distant climate anomalies, *Nature* 432: 740-743
- Wang YJ et al. (2001) A High-Resolution Absolute-Dated Late Pleistocene Monsoon Record from Hulu Cave, China, *Science* 294: 2345-2348
- Watanabe S et al. (2007) Sediment fabrics, oxygenation history, and circulation modes of Japan Sea during the Late Quaternary, *Palaeogeography, Palaeoclimatology, Palaeoecology* 247: 50-64
- Yokoyama Y et al. (2007) Japan Sea oxygen isotope stratigraphy and global sea-level changes for the last 50,000 years recorded in sediment cores from the Oki Ridge, *Palaeogeography, Palaeoclimatology, Palaeoecology* 247: 5-17

Latent 1500-year climate oscillation in the Holocene

Masanobu Yamamoto, p 66

- Alley RB et al. (1997) Holocene climatic instability: A prominent, widespread event 8200 yr ago, *Geology* 25: 483-486
- Barron JA, Heusser L, Herbert T and Lyle M (2003) High-resolution climate evolution of coastal northern California during the past 16,000 years, *Paleoceanography* 18, doi: 10.1029/2002PA000768
- Bond G et al. (1997) A pervasive millennial-scale cycle in North Atlantic Holocene and glacial climates, *Science* 278: 1257-1266
- Bond G et al. (2001) Persistent solar influence on North Atlantic climate during the Holocene, *Science* 294: 2130-2136
- Braun H et al. (2005) Possible solar origin of the 1,470-year glacial climate cycle demonstrated in a coupled model, *Nature* 438: 208-211
- Debret M et al. (2007) The origin of the 1500-year climate cycles in Holocene North Atlantic records, *Climate of the Past* 3: 569-575
- Di Lorenzo E. et al. (2008) North Pacific Gyre Oscillation links ocean climate and ecosystem change, *Geophysical Research Letters* 35, doi: 10.1029/2007GL032838 26455-26470
- Isono D et al. (2009) The 1,500-year climate oscillation in the mid-latitude North Pacific during the Holocene, *Geology* 37: 591-594
- Jian Z et al. (2000) Holocene variability of the Kuroshio Current in the Okinawa Trough, northwestern Pacific Ocean, *Earth and Planetary Science Letters* 184: 305-319
- Mantua NJ et al. (1997) A Pacific interdecadal climate oscillation with impacts on salmon production, *Bulletin of American Meteorological Society* 78: 1069-1079
- Rahmstorf S (2003) Timing of abrupt climate change: A precise clock, *Geophysical Research Letters* 30, doi: 10.1029/2003GL017115
- Schulz M (2002) On the 1470-year pacing of Dansgaard-Oeschger warm events, *Paleoceanography* 17, doi:10.1029/2000PA000571
- Solanki SK et al. (2004) Unusual activity of the Sun during recent decades compared to the previous 11,000 years, *Nature* 431: 1084-1087
- Stuiver M and Braziunas TF (1993) Sun, ocean, climate and atmospheric ¹⁴C₂: an evaluation of causal and spectral relationships, *The Holocene* 3: 289-305
- Thornalley DJR, Elderfield H and McCave IN (2009) Holocene oscillations in temperature and salinity of the surface subpolar North Atlantic, *Nature* 457: 711-714

The history of Lake Biwa drilling

Keiji Takemura, p 68

- Danhara T et al. (2010) Re-investigation of chronology for the 1400m sediment core obtained from the Lake Biwa in 1982-1983, *The Quaternary Research Japan* 49: 101-119 (in Japanese with English abstract)
- Hayashi R, Takahara H, Hayashida A and Takemura K (2010) Millennial-scale vegetation changes during the last 40,000 yr based on a pollen record from Lake Biwa, Japan, *Quaternary Research* 74: 91-99
- Hayashida A et al. (2007) Environmental magnetic record and paleosecular variation data for the last 40 kyrs from the Lake Biwa sediments, Central Japan, *Earth, Planets and Space* 59: 807-814
- Horie S et al. (1971) *Paleolimnological study on lacustrine sediments of Lake Biwa-ko*, Contribution from the Geological Institute, Kanazawa University 18: 745-762
- Horie S (1984) *Lake Biwa*. Dr. W. Junk Publishers, , 654 pp
- Horie S (1991) *Die Geschichte des Biwa-See in Japan: seine Entwicklung, dargestellt anhand eines 1400 m langen Tiefbohrkerns*, Universitätsverlag Wagner, 349 pp
- Machida H and Arai F (2003) *Atlas of Tephra in and around Japan*, University of Tokyo Press, 336 pp (in Japanese)
- Meyers PA, Takemura K and Horie S (1993) Reinterpretation of Late Quaternary sediment chronology of Lake Biwa, Japan, from correlation with marine glacial-interglacial cycles, *Quaternary Research* 39: 154-162

- Nakagawa T et al. (2008) Regulation of the monsoon climate by two different orbital rhythms and forcing mechanisms, *Geology* 36: 491-494
- Takemura K and Yokoyama T (1989) Sedimentary environments inferred from lithofacies of the Lake Biwa 1400 m core sample, Japan, *Japanese Journal of Limnology* 50: 247-254 (in Japanese with English abstract)
- Takemura K (1990) Tectonic and climatic record of the Lake Biwa, Japan, region provided by the sediments deposited since Pliocene times, *Paleogeography, Paleoclimatology, Paleoecology* 78: 185-193
- Takemura K et al. (2000) Stratigraphy of multiple piston-core sediments for the last 30,000 years from Lake Biwa, Japan, *Journal of Paleolimnology* 23(2): 185-199
- Takemura K et al. (2010) Stratigraphy of marker tephras and sediments during past 50,000 years from multiple sites in Lake Biwa, Japan, *The Quaternary Research Japan* 49: 147-160 (in Japanese with English abstract)
- Yoshikawa S and Inouchi Y (1991) Tephrostratigraphy of the Takashima-oki boring core samples from Lake Biwa, central Japan. *Chikyu Kagaku (Earth Science)* 45: 81-100 (in Japanese with English abstract)

Lake Suigetsu 2006 Varved Sediment Core Project

Takeshi Nakagawa et al., p 70

- Bronk Ramsey C (2008) Deposition models for chronological records, *Quaternary Science Reviews* 27: 42-60
- Bronk Ramsey C (2009) Dealing with outliers and offsets in radiocarbon dating, *Radiocarbon* 51: 1023-1045
- Francus P et al. (2009) The potential of high-resolution X-ray fluorescence core scanning: applications in paleolimnology, *PAGES news* 17(3): 93-95
- Kitagawa H and van der Plicht J (1998a) Atmospheric radiocarbon calibration to 45,000 yr B.P.: Late Glacial fluctuations and cosmogenic isotope production, *Science* 279: 1187-1190
- Kitagawa H and van der Plicht J (1998b) A 40,000-year varve chronology from Lake Suigetsu, Japan: extension of the ¹⁴C calibration curve, *Radiocarbon* 40: 505-515
- Kitagawa H and van der Plicht J (2000) Atmospheric radiocarbon calibration beyond 11,900 cal BP from Lake Suigetsu laminated sediments, *Radiocarbon* 42: 369-380
- Kossler A et al. (2011) Onset and termination of the late-glacial climate reversal in the high-resolution diatom and sedimentary records from the annually laminated SG06 core from Lake Suigetsu, Japan, *Palaeogeography, Palaeoclimatology, Palaeoecology* 306: 103-115
- Marshall M. et al. (2012) A novel approach to varve counting using μ -XRF and X-radiography in combination with thin section microscopy, applied to the Late Glacial chronology from Lake Suigetsu, Japan, *Quaternary Geochronology* 13: 70-80
- Nakagawa T et al. (2005) Pollen/event stratigraphy of the varved sediment of Lake Suigetsu, central Japan from 15,701 to 10,217 SG vyr BP (Suigetsu varve years before present): Description, interpretation, and correlation with other regions, *Quaternary Science Reviews* 24: 1691-1701
- Nakagawa T et al. (2003) Asynchronous Climate Changes in the North Atlantic and Japan During the Last Termination, *Science* 299: 688-691
- Nakagawa T et al. (2012) SG06, a perfectly continuous varved sediment core from Lake Suigetsu, Japan: Stratigraphy and potential for improving radiocarbon calibration model and understanding of climate changes, *Quaternary Science Reviews* 36: 164-176
- Reimer PJ et al. (2004) IntCal04 terrestrial radiocarbon age calibration, 0-26 cal kyr BP, *Radiocarbon* 46: 1029-1058
- Reimer PJ et al. (2009) IntCal09 and Marine09 radiocarbon age calibration curves, 0-50,000 years cal BP, *Radiocarbon* 51: 1111-1150
- Schlolaut G et al. (2012) An automated method for varve interpolation and its application to the Late Glacial chronology from Lake Suigetsu, Japan, *Quaternary Geochronology* 13: 52-69
- Shen C-C et al. (2010) East Asian monsoon evolution and reconciliation of climate records from Japan and Greenland during the last deglaciation, *Quaternary Science Reviews* 29: 3327-3335

- Smith VC et al. (2011) Toward establishing precise $^{40}\text{Ar}/^{39}\text{Ar}$ chronologies for Late Pleistocene palaeoclimate archives: an example from the Lake Suigetsu (Japan) sedimentary record, *Quaternary Science Reviews* 30: 2845-2850
- Staff RA et al. (2011) New ^{14}C determination from Lake Suigetsu, Japan: 12,000 to 0 cal. BP, *Radiocarbon* 53: 511-528
- Staff RA, Bronk Ramsey C, Nakagawa T and Suigetsu 2006 Project Members (2010) A re-analysis of the Lake Suigetsu terrestrial radiocarbon calibration dataset, *Nuclear Instruments and Methods in Physics Research B* 268: 960-965
- Stuiver M et al. (1998) INTCAL98 radiocarbon age calibration, 24,000-0 cal BP, *Radiocarbon* 40: 1041-1083
- Wang YJ (2001) A high-resolution absolute-dated late Pleistocene monsoon record from Hulu Cave, China, *Science* 294: 2345-2348

Monsoon reconstruction in subtropical Asia from oxygen isotope ratios of tree-ring cellulose

Masaki Sano et al., p 72

- Anderson DM, Overpeck JT and Gupta AK (2002) Increase in the Asian Southwest Monsoon During the Past Four Centuries, *Science* 297: 596-599
- Buckley BM et al. (2010) Climate as a contributing factor in the demise of Angkor, Cambodia, *PNAS* 107: 6748-6752
- Chu G et al. (2011) Evidence for decreasing South Asian summer monsoon in the past 160 years from varved sediment in Lake Xinluhai, Tibetan Plateau, *Journal of Geophysical Research* 116, doi:10.1029/2010JD014454
- Dai A, Trenberth KE and Qian T (2004) A Global Dataset of Palmer Drought Severity Index for 1870–2002: Relationship with Soil Moisture and Effects of Surface Warming, *Journal of Hydrometeorology* 5, 1117-1130
- D'Arrigo R et al. (2005) On the variability of ENSO over the past six centuries, *Geophysical Research Letters* 32, doi: 10.1029/2004gl022055
- Grießinger J et al. (2011) Late Holocene Asian summer monsoon variability reflected by $\delta^{18}\text{O}$ in tree-rings from Tibetan junipers, *Geophysical Research Letters* 38, doi: 10.1029/2010GL045988
- Kaspari S et al. (2007) Reduction in Northward Incursions of the South Asian Monsoon Since ~1400 AD Inferred from a Mt. Everest Ice Core, *Geophysical Research Letters* 34, doi: 10.1029/2007GL030440
- Mann ME, Bradley RS and Hughes MK (2000) Long-term variability in the El Niño/Southern Oscillation and associated teleconnections, In: Diaz HF and Markgraf V (Eds) *El Niño and the Southern Oscillation: Multiscale variability and global and regional impacts*, Cambridge University Press, 357-412
- Palmer WC (1965) *Meteorological drought*, Research Paper 45, US Department of Commerce, 58 pp
- Robertson I et al. (2001) Oxygen isotope ratios of oak in east England: implications for reconstructing the isotopic composition of precipitation, *Earth and Planetary Science Letters* 191: 21-31
- Sano M, Ramesh R, Sheshshayee MS, Sukumar R (2012) Increasing aridity over the past 223 years in the Nepal Himalaya inferred from a tree-ring $\delta^{18}\text{O}$ chronology, *The Holocene* 22(7): 809-817
- Sano M, Xu C and Nakatsuka T (2012) A 300-year Vietnam hydroclimate and ENSO variability record reconstructed from tree ring $\delta^{18}\text{O}$, *Journal of Geophysical Research* 117, doi: 10.1029/2012JD017749
- Sano M et al. (2010) Climatic potential of $\delta^{18}\text{O}$ of *Abies spectabilis* from the Nepal Himalaya, *Dendrochronologia* 28: 93-98
- Sano M, Buckley BM and Sweda T (2009) Tree-ring based hydroclimate reconstruction over northern Vietnam from *Fokienia hodginsii*: eighteenth century mega-drought and tropical Pacific influence, *Climate Dynamics* 33: 331-340
- Saurer M, Borella S and Leuenberger M (1997) $\delta^{18}\text{O}$ of tree rings of beech (*Fagus sylvatica*) as a record of $\delta^{18}\text{O}$ of the growing season precipitation, *Tellus* 49B, 80-92

- Wang Y et al. (2005) The Holocene Asian Monsoon: Links to Solar Changes and North Atlantic Climate, *Science* 308: 854-857
- Wilson R et al. (2006) 250-years of reconstructed and modeled tropical temperatures, *Journal of Geophysical Research* 111, doi: 10.1029/2005JC003188
- Wilson R et al. (2010) Reconstructing ENSO: the influence of method, proxy data, climate forcing and teleconnections, *Journal of Quaternary Science* 25(1): 62-78
- Wolter K and Timlin MS (2011) El Niño/Southern Oscillation behaviour since 1871 as diagnosed in an extended multivariate ENSO index (MEI.ext), *International Journal of Climatology* 31: 1074-1087
- Xu C, Sano M and Nakatsuka T (2011) Tree ring cellulose $\delta^{18}\text{O}$ of *Fokienia hodginsii* in northern Laos: A promising proxy to reconstruct ENSO? *Journal of Geophysical Research* 116, doi: 10.1029/2011JD016694
- Zhao H and Moore GWK (2006) Reduction in Himalayan snow accumulation and weakening of the trade winds over the Pacific since the 1840s, *Geophysical Research Letters* 33, doi: 10.1029/2006GL027339
- Zhou T, Yu R, Li H and Wang B (2008) Ocean Forcing to Changes in Global Monsoon Precipitation over the Recent Half-Century, *Journal of Climate* 21: 3833-3852

Hydroclimate reconstruction in Indonesia over the last centuries by stalagmite isotopic analyses

Yumiko Watanabe et al., p 74

- Cai B et al. (2010) Effects of intraseasonal variation of summer monsoon rainfall on stable isotope and growth rate of a stalagmite from northwestern Thailand, *Journal of Geophysical Research*, **115**, doi: 10.1029/2009JD013378
- Sinha A et al. (2011) The leading mode of Indian Summer Monsoon precipitation variability during the last millennium, *Geophysical Research Letters* **38**, doi: 10.1029/2011GL047713
- Watanabe Y et al. (2010) Comparison of stable isotope time series of stalagmite and meteorological data from West Java, Indonesia, *Palaeogeography, Palaeoclimatology, Palaeoecology* **293**: 90-97
- Yamada M (2008) Derivation of travel time of limestone cave drip water using tritium/helium 3 dating method, *Geophysical Research Letters*, **35**, doi: 10.1029/2008GL033237
- Zhang P (2008) A Test of Climate, Sun, and Culture from an 1810-Year Chinese Cave Record, *Science*, **322**: 940-942

Reconstructing river runoff over the past 2000 years in the arid Heihe River Basin, northwestern China

Koji Fujita and Akiko Sakai, p 76

- Chen A and Ohmura A (1990) Estimation of alpine glacier water resources and their change since 1870s, *IAHS Publication* 193: 127-135
- Fujita K and Ageta Y (2000) Effect of summer accumulation on glacier mass balance on the Tibetan Plateau revealed by mass-balance model, *Journal of Glaciology* 46(153): 244-252
- Fujita K, Ohta T and Ageta Y (2007) Characteristics and climatic sensitivities of runoff from a cold-type glacier on the Tibetan Plateau, *Hydrological Processes* 21(21): 2882-2891
- Huss M (2011) Present and future contribution of glacier storage change to runoff from macroscale drainage basins in Europe, *Water Resources Research*: 47, doi: 10.1029/2010WR010299
- IPCC (2007) *Climate Change 2007: Impacts, Adaptation and Vulnerability, Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, Parry ML et al (Eds) Cambridge University Press, 976 pp
- Immerzeel WW, van Beek LPH and Bierkens MFP (2010) Climate change will affect the Asian water towers, *Science* 328: 1382-1385
- Inoue M, Kato Y and Moriya K (2007) Regional history in oasis regions Shoukado, Kyoto (in Japanese)
- Kaser G, Grosshauser M and Marzeion B (2010): Contribution potential of glaciers to water availability in different climate regimes, *Proceedings of the National Academy of Sciences of the USA* 107(47): 20223-20227

- Kalnay E et al. (1996) The NCEP/NCAR 40-year reanalysis project, *Bulletin of American Meteorological Society* 77(2): 437-471
- Liu S, Sun W, Shen Y and Li G (2003) Glacier changes since the Little Ice Age maximum in the western Qilian Shan, northwest China, and consequences of glacier runoff for water supply, *Journal of Glaciology* 49(164): 117-124
- Matsuda Y, Fujita K, Ageta Y and Sakai A (2006) Estimation of atmospheric transmissivity of solar radiation from precipitation in the Himalayas and Tibetan Plateau, *Annals of Glaciology* 43: 344-350
- Nakawo M (2011) History and environment at oasis region, Bensey Publishing Inc (in Japanese)
- Raper SCB and Braithwaite RJ (2006) Low sea level projections from mountain glaciers and icecaps under global warming, *Nature* 439: 311-313
- Sakai A, Fujita K, Nakawo M and Yao TD (2009) Simplification of heat balance calculation and its application to the glacier runoff from the July 1st Glacier in northwest China since the 1930s *Hydrological Processes* 23(4): 585-596
- Sakai A et al. (2010) Reconstructions of annual discharge and equilibrium line altitude of glaciers at Qilian Shan, northwest China, from 1978 to 2002, *Hydrological Processes* 24(19): 2798-2806
- Sakai A et al. (2012) Variations in discharge from the Qilian Mountains, northwest China, and its effect on the agricultural communities of the Heihe Basin, over the last two millennia, *Water History* 4(2): 177-196
- van de Wal RSW and Wild M (2001) Modelling the response of glaciers to climate change by applying volume-area scaling in combination with a high resolution GCM, *Climate Dynamics* 18: 359-366
- Yang B, Braeuning A, Johnson KR and Yafeng S (2002) General characteristics of temperature variation in China during the last two millennia, *Geophysical Research Letters* 29, doi: 10.1029/2001GL014485
- Yatagai A et al. (2009) A 44-year daily gridded precipitation dataset for Asia based on a dense network of rain gauges, *SOLA* 5: 137-140
- Zhang QB et al. (2003) A 2,326-year tree-ring record of climate variability on the northeastern Qinghai-Tibetan Plateau, *Geophysical Research Letters* 30, doi: 10.1029/2003GL017425

Two centuries of climate events detected in coral records from Ishigaki and Ogasawara Islands, Japan
Atsushi Suzuki, p 78

- Araoka D et al. (2010) Historic 1771 Meiwa tsunami confirmed by high-resolution U/Th dating of massive Porites coral boulders at Ishigaki Island in the Ryukyus, Japan, *Geochemistry, Geophysics, Geosystems* 11, doi: 10.1029/2009GC002893
- Deser C, Alexander MA and Timlin MS (1999) Evidence for a wind-driven intensification of the Kuroshio Current extension from the 1970s to the 1980s, *Journal of Climate* 12: 1697-1706
- Felis T et al. (2009) Subtropical coral reveals abrupt early-twentieth-century freshening in the western North Pacific Ocean, *Geology* 37: 527-530
- Felis T et al. (2010) Pacific Decadal Oscillation documented in a coral record of North Pacific winter temperature since 1873, *Geophysical Research Letters* 37, doi: 10.1029/2010GL043572
- Hayashi E et al. (in press) Growth-rate influences on coral climate proxies tested by a multiple colony culture experiment, *Earth and Planetary Science Letters*, doi: 10.1016/j.epsl.2012.11.046
- Mishima M et al. (2009) Reconstruction of the East China Sea palaeoenvironment at 16 ka by comparison of fossil and modern Faviidae corals from the Ryukyus, southwestern Japan, *Journal of Quaternary Science* 24: 928-936
- Mishima M et al. (2010) Abrupt shift toward cooler condition in the earliest 20th century detected in a 165 year coral record from Ishigaki Island, southwestern Japan, *Geophysical Research Letters* 37, doi: 10.1029/2010GL043451
- Omata T et al. (2008) Effect of photosynthetic light dosage on carbon isotope composition in the coral skeleton: Long-term culture of *Porites* spp., *Journal of Geophysical Research-Biogeosciences* 113, doi: 10.1029/2007JG000431

- Suzuki A, Hibino K, Iwasawa A and Kawahata H (2005) Intercolony variability of skeletal oxygen and carbon isotope signatures of cultured *Porites* corals: Temperature-controlled experiments, *Geochimica et Cosmochimica Acta* 69: 4453-4462
- Suzuki A et al. (2008) Identification of 1771 Meiwa Tsunami deposits using a combination of radiocarbon dating and oxygen isotope microprofiling of emerged massive *Porites* boulders, *Quaternary Geochronology* 3: 226-234
- Tsunoda T et al. (2008) East Asian monsoon to El Niño/Southern Oscillation: A shift in the winter climate of Ishigaki Island accompanying the 1988/1989 regime shift, based on instrumental and coral records, *Geophysical Research Letters* 35, doi: 10.1029/2008GL033539
- Watanabe T et al. (2011) Permanent El Niño during the Pliocene warm period not supported by coral evidence, *Nature* 471: 209-211
- Yokoyama Y et al. (2011) Mid-Holocene palaeoceanography of the northern South China Sea using coupled fossil-modern coral and atmosphere-ocean GCM model, *Geophysical Research Letters* 38, doi: 10.1029/2010GL044231

Tracing the response of climate to galactic cosmic rays

Hiroko Miyahara et al., p 80

- Berggren AM et al. (2009) A 600-year annual ¹⁰Be record from the NGRIP ice core, Greenland, *Geophysical Research Letters* 36, doi: 10.1029/2009GL038004
- Hoyt DV and Schatten KH (1998) Group sunspot numbers: A new solar activity reconstruction, *Solar Physics* 179: 189-219
- Jokipii JR and Thomas B (1981) Effects of drift on the transport of cosmic rays. IV - Modulation by a wavy interplanetary current sheet, *Astrophysical Journal Part 1* 243: 1115-1122
- Kota J and Jokipii JR (2001) 3-D modeling of cosmic-ray transport in the heliosphere: toward solar maximum, *Advances in Space Research* 27: 529-534
- Kirkby J et al. (2011) Role of sulphuric acid, ammonia and galactic cosmic rays in atmospheric aerosol nucleation, *Nature* 476(7361): 429-433
- Yamaguchi YT et al. (2010) Synchronized Northern Hemisphere climate change and solar magnetic cycles during the Maunder Minimum, *Proceedings of the National Academy of Sciences of the USA*, 107: 20697-20702, doi: 10.1073/pnas.1000113107
- Miyahara H, Yokoyama Y and Masuda K (2008) Possible link between multi-decadal climate cycles and periodic reversals of solar magnetic field polarity, *Earth and Planetary Science Letters* 272: 290-295
- Vinther B.M. et al. (2003) NAO signal recorded in the stable isotopes of Greenland ice cores, *Geophysical Research Letters* 30:1387-1390

Document-based reconstruction of past climate in Japan

Masumi Zaiki et al., p 82

- Aono Y and Kazui K (2008) Phenological data series of cherry tree flowering in Kyoto, Japan, and its application to reconstruction of springtime temperatures since the 9th century, *International Journal of Climatology* 28: 905-914
- Aono Y and Saito S (2010) Clarifying springtime temperature reconstructions of the medieval period by gap-filling the cherry blossom phenological data series at Kyoto, Japan, *International Journal of Biometeorology*, 54: 211-219
- Grossman MJ and Zaiki M (2009) Reconstructing typhoons in Japan in the 1880s from documentary records, *Weather* 64: 315-322
- Können GP et al. (2003) Pre-1872 Extension of the Japanese Instrumental Meteorological Observation Series back to 1819, *Journal of Climate* 16: 118-131
- Mikami T (1992) Climate variations in Japan during the Little Ice Age -Summer temperature reconstructions since 1771, In: Mikami T (Ed) *Proceedings of the International Symposium on the Little Ice Age Climate*, Tokyo Metropolitan University, 176-181
- Mikami T (1996) Long term variations of summer temperatures in Tokyo since 1721, *Geographical Reports of Tokyo Metropolitan University* 31: 157-165.

- Mikami T and Ishiguro N (1998) Climate variations in the past 550 years reconstructed from the dates of the complete freezing of Lake Suwa in central Japan, *Meteorological Research Notes* 191: 73-83 (in Japanese)
- Zaiki M et al. (2006) Recovery of nineteenth-century Tokyo/Osaka meteorological data in Japan, *International Journal of Climatology* 26: 399-423

Human-environment interaction and climate in the Japanese Archipelago

Takakazu Yumoto et al., p 84

- Conservation International (2012)
www.conservation.org/where/priority_areas/hotspots/Pages/hotspots_main.aspx
- Kawase D et al. (2010) Genetic Structure of an Endemic Japanese Conifer, *Sciadopitys verticillata* (Sciadopityaceae), by Using Microsatellite Markers, *Journal of Heredity* 101: 292-297
- Kusaka S et al. (2010) Carbon and nitrogen stable isotope analysis on the diet of Jomon populations from two coastal regions of Japan, *Journal of Archaeological Science* 37: 1968-1977
- Sasaki N and Takahara H (2011) Late Holocene human impact on the vegetation around Mizorogaike Pond in northern Kyoto Basin, Japan: a comparison of pollen and charcoal records with archaeological and historical data, *Journal of Archaeological Science* 38: 1199-1208
- Sasaki N and Takahara H (2012) Fire and human impact on the vegetation of the western Tamba Highlands, Kyoto, Japan during the late Holocene, *Quaternary International* 254: 3-11
- Tsujino R, Ishimaru E and Yumoto T (2010) Distribution Patterns of Five Mammals in the Jomon Period, Middle Edo Period, and the Present, in the Japanese Archipelago, *Mammal Study* 35: 179-189
- Tsukada M (1983) Vegetation and Climate during the Last Glacial Maximum in Japan, *Quaternary Research* 19: 212-235

Open Section p 86-88

An 800-Year Decadal-Scale Reconstruction of Annual Mean Temperature for Temperate North America

Eugene R. Wahl et al., p 86

- Cook ER, Meko DM, Stahle DW, Cleaveland MK (1999) Drought reconstructions for the continental United States, *Journal of Climate* 12: 1145-1162
- Cook ER, Seager R, Cane MA, Stahle DW (2007) North American drought: Reconstructions, causes, and consequences, *Earth-Science Reviews* 81 (1-2): 93-134
- Hughes MK, Swetnam TW, Diaz HF (2011) *Dendroclimatology, Progress and Prospects*, Springer, 365 pp
- Kaufmann DS et al. (2009) Recent warming reverses long-term Arctic cooling, *Science* 325: 1236-1239
- Ljunqvist FC, Krusic PJ, Brattström G, Sundqvist HS (2012) Northern Hemisphere temperature patterns in the last 12 centuries, *Climate of the Past* 8: 227-249
- Mann ME et al. (2009) Global signatures and dynamical origins of the Little Ice Age and Medieval Climate Anomaly, *Science* 326: 1256-1260
- Viau AE, Ladd M, Gajewski K (2012) The climate of North America during the past 2000 years reconstructed from pollen data, *Global and Planetary Change* 84-85: 75-83
- Wahl EW, Diaz HF, Ohlwein C (2012) A pollen-based reconstruction of summer temperature in central North America and implications for circulation patterns during medieval times, *Global and Planetary Change* 84-85: 66-74
- Wahl ER, Smerdon JE (2012) Comparative performance of paleoclimate field and index reconstructions derived from climate proxies and noise-only predictors. *Geophysical Research Letters* 39, doi: 10.1029/2012GL051086

A Pollen-based Extension of the 800-Year Decadal-Scale Reconstruction of Annual Mean Temperature for Temperate North America back to 480 AD

Valerie Trouet et al., p 86

- Büntgen U et al. (2011) 2500 Years of European Climate Variability and Human Susceptibility, *Science* 331: 578-582
- Esper J et al. (2012) Orbital forcing of tree-ring data, *Nature Climate Change*, doi: doi:10.1038/nclimate1589
- Frank DC et al. (2010) Ensemble reconstruction constraints on the global carbon cycle sensitivity to climate, *Nature* 463: 527-530
- Kaufman DS et al. (2009) Recent warming reverses long-term cooling, *Science* 325: 1236-1239
- Mann ME et al. (2009) Global Signatures and Dynamical Origins of the Little Ice Age and Medieval Climate Anomaly, *Science* 326: 1256-1260
- Moberg A et al. (2005) Highly variable Northern Hemisphere temperatures reconstructed from low- and high-resolution proxy data, *Nature* 433: 613-617
- Viau AE, Ladd M, Gajewski K (2012) The climate of North America during the past 2000 years reconstructed from pollen data, *Global and Planetary Change* 84-85: 75-83
- Wahl EW, Diaz HF, Trouet V, Cook ER (2012a) An 800-Year Decadal-Scale Reconstruction of Annual Mean Temperature for Temperate North America, *PAGES News* 20(2): xx-xx
- Wahl EW, Diaz HF, Ohlwein C (2012b) A pollen-based reconstruction of summer temperature in central North America and implications for circulation patterns during medieval times, *Global and Planetary Change* 84-85: 66-74
- Wahl ER, Smerdon JE (2012) Comparative performance of paleoclimate field and index reconstructions derived from climate proxies and noise-only predictors, *Geophysical Research Letters* 39, doi: 10.1029/2012GL051086

Program News p 89-91

Solar Forcing – a new PAGES Working Group

Juerg Beer, p 91

- Gray LJ et al. (2010) Solar influences on climate, *Reviews of Geophysics* 48, doi: 10.1029/2009RG000282
- Wanner H et al. (2008) Mid- to Late Holocene climate change: an overview, *Quaternary Science Reviews* 27: 1791-1828

Workshop reports p 92-107

Arctic2k: Spatiotemporal Temperature Reconstruction

Sami Hanhijärvi, p 92

- Hanhijärvi S (2011) Arctic2k: Synthesizing paleoclimate data to assess Arctic climate change. *PAGES news* 9(2): 73
- Hansen J et al. (2006) Global temperature change. *PNAS* 103: 14288-14293, doi:10.1073/pnas.0606291103
- Kaufmann DS et al. (2009) Recent warming reverses long-term Arctic cooling. *Science* 325: 1236-1239

Tingley MP and Huybers P (2010) A Bayesian Algorithm for Reconstructing Climate Anomalies in Space and Time. Part I: Development and Applications to Paleoclimate Reconstruction Problems. *Journal of Climate* 23: 2759-2781

2nd Workshop of the PAGES Asia 2k Working Group

Masaki Sano et al., p 93

Cook ER et al. (2010) Asian monsoon failure and megadrought during the last millennium, *Science* 328: 486-489

Euro-Med2k: Synthesizing paleoclimatic data to reconstruct 2000 years of European/Mediterranean temperature change

Jürg Luterbacher et al., p 94

Büntgen U et al. (2011) 2500 Years of European Climate Variability and Human Susceptibility, *Science* 331: 578-582

Esper J et al. (2012) Orbital forcing of tree-ring data, *Nature Climate Change*, doi: 10.1038/nclimate1589

Fernández-Donado L et al. (2012) Temperature response to external forcing in simulations and reconstructions of the last millennium, *Climate of the Past Discussions* 8: 4003-4073

Tingley MP and Huybers P (2010) A Bayesian algorithm for reconstructing climate anomalies in space and time. Part 1. Development and applications to paleoclimate reconstruction problems, *Journal of Climate* 23: 2759-2781

Werner JP, Luterbacher J and Smerdon JE (in press) A Pseudoproxy Evaluation of Bayesian Hierarchical Modelling and Canonical Correlation Analysis for Climate Field Reconstructions over Europe, *Journal of Climate*, doi: 10.1175/jcli-d-12-00016.1

Deciphering climatic and environmental signals from varved sediments by applying process-related studies

Bernd Zolitschka et al., p 95

Ojala AEK et al. (2012) Characteristics of sedimentary varve chronologies – a review, *Quaternary Science Reviews* 43: 45-60; <http://dx.doi.org/10.1016/j.quascirev.2012.04.006>

Zolitschka B (Ed) (2012) 3rd PAGES Varves Working Group Workshop – Program and Abstracts, Terra Nostra 1, 113 pp; http://www.pages-igbp.org/download/docs/VWG_AbstractVolume_Final.pdf

A Strategic Plan for Scientific Drilling in the East African Rift Lakes

James M. Russell et al., p 96

Cohen AS et al. (2006) Late Holocene linkages between decade-scale climate variability and productivity at Lake Tanganyika, Africa, *Journal of Paleolimnology* 36(2): 189-209

Ebinger CJ (1989) Tectonic development of the western branch of the East African rift system, *Geological Society of America Bulletin* 101: 117-133

Martens K (1997) Speciation in ancient lakes, *Trends in Ecology and Evolution* 12: 177-182

McGlue MM et al. (2008) Seismic records of late Pleistocene aridity in Lake Tanganyika, tropical East Africa, *Journal of Paleolimnology* 40: 635-653

Scholz C et al. (2007) East African megadroughts between 135 and 75 thousand years ago and bearings on early-modern human origins, *Proceedings of the National Academic of Science U.S.A.* 42: 16416-16421

Tierney JE et al. (2008) Northern Hemisphere Controls on Tropical Southeast African Climate During the Past 60,000 years, *Science* 322: 252-255

Assessing the History of the Greenland Ice Sheet through Ocean Drilling

Anders Carlson and Joseph Stoner, p 97

- Cuffy KM, Marshall SJ (2000) Substantial contribution to sea-level rise during the last interglacial from the Greenland ice sheet, *Nature* 404: 591-594
- Funder S et al. (2011) The Greenland Ice Sheet During the Past 300,000 Years: A Review, *Developments in Quaternary Science* 15: 699-713
- Lhomme N, Clarke GKC, Marshall SJ (2005) Tracer transport in the Greenland Ice Sheet: constraints on ice cores and glacial history, *Quaternary Science Reviews* 24: 173-194
- Otto-Bliesner BL et al. (2006) Simulating Arctic Climate Warmth and Icefield Retreat in the Last Interglaciation, *Science* 311: 1751-1753

Processes and Quaternary history of dust dynamics: low-latitude records and global implications

Jan-Berend Stuut et al., p 98

- Rousseau DD, Hatté C and Tegen I (2009) ADOM – Atmospheric circulation dynamics during the last glacial cycle: Observations and modeling. *PAGES news* 17(2): 75
- Winckler G, Mahowald N and Maher B (2010) Toward New Frontiers in Understanding the Link Between Dust and Climate; DUSTSPEC Workshop: Dust Records for a Changing World; Palisades, New York, 24–26 May 2010, *Eos* 91(40): 360

Using paleo-climate model/data comparisons to constrain future projections

Gavin A. Schmidt et al., p 101

- Taylor KE, Stouffer RJ, Meehl GA (2012) An Overview of CMIP5 and the Experiment Design, *Bulletin of the American Meteorological Society* 93: 485-498

The Paleo-ocean challenge: data meet models

Michal Kucera et al., p 102

- Braconnot P et al. (2012) Evaluation of climate models using palaeoclimatic data, *Nature Climate Change* 2: 417-424
- Hargreaves JC et al. (2011) Are paleoclimate model ensembles consistent with the MARGO data synthesis? *Climate of the Past* 7: 917-933
- Lynch-Stieglitz J et al. (2007) Atlantic Meridional Overturning Circulation during the Last Glacial Maximum, *Science* 316: 66-69
- MARGO Project Members (2009) Constraints on the magnitude and patterns of ocean cooling at the Last Glacial Maximum, *Nature Geoscience* 2: 127-132
- Schmittner A et al. (2011) Climate sensitivity estimated from temperature reconstructions of the Last Glacial Maximum, *Science* 334: 1385-1388

Climate Refugia: Joint Inference from Fossils, Genetics and Models

Daniel G. Gavin et al., p 105

- Botkin DB et al. (2007) Forecasting the effects of global warming on biodiversity, *BioScience* 57: 227-236
- Dobrowski SZ (2011) A climatic basis for microrefugia: the influence of terrain on climate, *Global Change Biology* 17: 1022-1035
- Hampe A, Jump AS (2011) Climate Relicts: Past, Present, Future, *Annual Review of Ecology, Evolution, and Systematics* 42: 313-333
- Hu FS, Hampe A, Petit RJ (2009) Paleoecology meets genetics: deciphering past vegetational dynamics, *Frontiers in Ecology and the Environment* 7: 371-379

- Hugall A et al. (2002) Reconciling paleodistribution models and comparative phylogeography in the Wet Tropics rainforest land snail *Gnarosiphia bellendenkerensis* (Brazier 1875), *Proceedings of the National Academy of Sciences of the United States of America* 99: 6112-6117
- Keppel G et al. (2012) Refugia: identifying and understanding safe havens for biodiversity under climate change, *Global Ecology and Biogeography* 21: 393-404
- Magri D et al. (2006) A new scenario for the Quaternary history of European beech populations: palaeobotanical evidence and genetic consequences, *New Phytologist* 171: 199-221
- Richards CL, Carstens BC, Knowles LL (2007) Distribution modelling and statistical phylogeography: an integrative framework for generating and testing alternative biogeographical hypotheses, *Journal of Biogeography* 34: 1833-1845
- Stewart JR et al. (2010) Refugia revisited: individualistic responses of species in space and time, *Proceedings of the Royal Society B-Biological Sciences* 277: 661-671
- Varela S, Lobo JM, Hortal J (2011) Using species distribution models in paleobiogeography: A matter of data, predictors and concepts, *Palaeogeography, Palaeoclimatology, Palaeoecology* 310: 451-463

Geoarcheological Workshop – Actual stage of the environmental archeology investigations in southern Poland and northern Czech Republic

Lenka Lisa et al., p 107

- Bobak D and Poltowicz-Bobak M (in press) *Les nouvelles données sur le Szélétien en Pologne*, In: Bodu P (Ed) *La Paléolithique supérieur ancien de l'Europe du Nord-Ouest*. Mémoire de la Société Préhistorique Française, Paris
- Boguckij AB et al. (2009) Quaternary sediment sequence at Skala Podil'ska, Dniester River basin (Ukraine): Preliminary results of multi-proxy analyses, *Quaternary International* 198: 173-194
- Courty MA (2001) *Microfacies analysis assisting archaeological stratigraphy*, In: Goldberg P, Holliday VT, Ferring CR (Eds) *Earth Sciences and Archaeology*, Kluwer Academic/Plenum Publishers: 205-39
- Goldberg P and Macphail R (2006) *Practical and theoretical geoarchaeology*, Blackwell Publishing, 472 pp
- Jasiewicz J and Hildebrandt-Radke I (2009) Using multivariate statistics and fuzzy logic system to analyse settlement preferences in low land areas of the temperate zone: an example from the Polish Lowlands, *Journal of Archaeological Science* 36: 2096-2107
- Nadachowski A et al. (2011) Biostratigraphic importance of the Early Pleistocene fauna from Żabia Cave (Poland) in Central Europe, *Quaternary International* 243: 204-218
- Poltowicz-Bobak M (2009) *Magdalenian Settlement in Poland in the Light of Recent Research*, In: Street M, Barton N, Terberger T (Eds) *Humans, Environment and Chronology of the Late Glacial of the North European Plain*, RGZM – Tagungen 6: 55-66
- Skrzypek G, Wiśniewski A and Grierson PF (2011) How cold was it for Neanderthals moving to Central Europe during warm phases of the last glaciation? *Quaternary Science Reviews* 30: 481-487
- Sytnyk O, Bogucki AB, Łanczont M and Madeyska T (2010) The Dniesterian Mousterian from the Velykyi Glybochok site related to palaeoenvironmental changes, *Quaternary International* 220: 31-46
- Wiśniewski A et al. (in press) Occupation dynamics north of the Carpathians and Sudeten during the Weichselian (MIS5d-3): the Lower Silesia (SW Poland) case study, *Quaternary International*, doi: 10.1016/j.quaint.2011.09.016