

Rice and Language Across Asia: Crops, Movement, and Social Change

International Symposium
Cornell University, Ithaca, September 22-25, 2011

List of Suggested Background Readings

Selective and eclectic, not comprehensive.

Compiled by Magnus Fiskesjö with help of many others.

Some explicitly interdisciplinary works:

Sagart, Laurent, Blench, R. & Sanchez-Mazas, Alicia, eds. *The Peopling of East Asia: Putting together Archaeology, Linguistics and Genetics*. London: Routledge-Curzon, 2005.

Sanchez-Mazas, Alicia, et al, eds. *Past Human Migrations in East Asia: Matching Archaeology, Linguistics and Genetics*. London; New York: Routledge, 2008.

Peregrine, Peter, et al., eds. *Ancient Human Migrations: A multidisciplinary approach*. Salt Lake City: University of Utah Press, 2009.

Petraglia, M.D. and B. Allchin, eds. *The Evolution and History of Human Populations in South Asia: Inter-disciplinary studies in archaeology, biological anthropology, linguistics and genetics*. Dordrecht: Springer, 2007.

White, Joyce C. and Nicholas Enfield, ed. *Dynamics of Human Diversity: The Case of Mainland Southeast Asia*, forthcoming from Pacific Linguistics (Australian National University, Canberra). Proceedings from the workshop “Dynamics of Human Diversity in Mainland Southeast Asia” held at Siem Reap, Cambodia, January 6-10, 2009.

Below, samplings of relevant items from archaeology, history/anthropology, human and plant genetics, linguistics, etc. (many are interdisciplinary, as well):

Archaeology, archaeobotany, etc.:

Ahn, Sung-Mo. “The emergence of rice agriculture in Korea: Archaeobotanical perspectives.” *Archaeological and Anthropological Sciences* 2 (2010):89–98 (Special Issue: The Archaeobotany of Asian Rice, edited by Leo Aoi Hosoya, Yo-Ichiro Sato and Dorian Fuller).

Bellwood, Peter. “Early agriculturalist population diasporas? Farming, languages, and genes.” *Annual Review of Anthropology* 30 (2001): 181-207.

- Bellwood, Peter. "Archaeology and the origins of language families." In A. Bentley et al, eds. *Handbook of Archaeological Theories*. Lanham, MD: AltaMira, 2008, 225–43.
- Bellwood, Peter and Colin Renfrew, eds. *Examining the Farming/Language Dispersal Hypothesis*. Cambridge: McDonald Institute for Archaeological Research, 2003.
- Bellwood, P. and Diamond, J. On explicit 'replacement' models in Island Southeast Asia: a reply to Stephen Oppenheimer. *World Archaeology* 37 (2005), 503–506.
- Buckley, Brendan M., et al. "Climate as a contributing factor in the demise of Angkor, Cambodia." *PNAS* 107.15 (2010): 6748.
- Diamond, Jared & Bellwood, P. "Farmers and their languages: the first expansions." *Science* 300 (2003): 597-603.
- Fuller, Dorian Q. "Agricultural Origins and Frontiers in South Asia: A Working Synthesis." *J World Prehistory* (2006) 20:1–86.
- Fuller, Dorian Q., Emma Harvey & Ling Qin. "Presumed domestication? Evidence for wild rice cultivation and domestication in the fifth millennium BC of the Lower Yangtze region." *Antiquity* 81 (2007): 316–331.
- Fuller, Dorian Q. "Review: Contrasting Patterns in Crop Domestication and Domestication Rates: Recent Archaeobotanical Insights from the Old World." *Annals of Botany* 100 (2007), 903–924.
- Fuller, Dorian Q., et al. "Consilience of genetics and archaeobotany in the entangled history of rice." *Archaeological and Anthropological Sciences* 2.2 (2010): 115-131. (In Special Issue: "The Archaeobotany of Asian Rice," ed. Leo Aoi Hosoya, Yo-Ichiro Sato & D.Q. Fuller).
- Fuller, Dorian Q. and Qin, Ling. "Water management and labour in the origins and dispersal of Asian rice." *World Archaeology* 41.1 (2009): 88-111.
- Fuller, Dorian Q., et al. 'The domestication process and domestication rate in rice: Spikelet bases from the Lower Yangtze.' *Science* 323 (2009): 1607-1610.
- Gordon, Bryan C. [Canadian Museum of Civilization, Hull, Quebec]. "Ancient Chinese Rice Archaeological Project." <http://http-server.carleton.ca/~bgordon/Rice/index.htm>
- Hazarika, Manjil. Neolithic Culture of Northeast India: A Recent Perspective on the Origins of Pottery and Agriculture. *Ancient Asia* 1 (2006), <http://www.ancient-asia-journal.com/index.php/aa/article/viewArticle/4/7>
- Higham, Charles. *The Archaeology of Mainland Southeast Asia: From 10,000 B.C. to the Fall of Angkor*. Cambridge: Cambridge University Press, 1989.
- Higham, Charles. *The Bronze Age of Southeast Asia*. Cambridge: Cambridge University Press, 1996.
- Higham, Charles F.W. "Prehistory, language and human biology: Is there a consensus in East and Southeast Asia?" In Li Jin et al, eds. *Genetic, Linguistic and Archaeological Perspectives on Human Diversity in Southeast Asia*. Singapore; River Edge, NJ: World Scientific, 2001, 3-16.
- Hosoya, Leo Aoi; Yo-Ichiro Sato, and Dorian Q. Fuller. "Editorial: the archaeobotany of early rice agriculture in Asia." *Archaeological and Anthropological Sciences* 2.2 (2010), 57-59. (Special Issue: "The Archaeobotany of Asian Rice")
- Hudson, Mark. "Pots not People." *Critique of Anthropology* 26.4 (2006): 411-434.
- Kealhofer, Lisa. "Changing Perceptions of Risk: The Development of Agro-Ecosystems in Southeast Asia." *American Anthropologist* 104.1 (2002): 178-194.

- Larson, Greger, et al. "Patterns of East Asian pig domestication, migration, and turnover revealed by modern and ancient DNA." *PNAS* 107.17 (2010): 7686-91.
- Li, Xiaoqiang, et al. "Increases of population and expansion of rice agriculture in Asia, and anthropogenic methane emissions since 5000 BP." *Quaternary International* 202 (2009), 41-50.
- Lu, Tracey Lie Dan. *The transition from foraging to farming and the origin of agriculture in China*. Oxford: John and Erica Hedges, 1999.
- Meskell, Lynn. "The intersections of identity and politics in archaeology." *Annual Review of Anthropology* 31 (2002): 279-301.
- Nakamura, Shin-ichi. "The origin of rice cultivation in the Lower Yangtze Region, China." *Archaeological and Anthropological Sciences* 2.2 (2010), 107-113.
- Oppenheimer, Stephen. The 'express train' from Taiwan to Polynesia: on the congruence of proxy lines of evidence. *World Archaeology* 36 (2004), 591–600.
- Oppenheimer, Stephen. Response to Peter Bellwood and Jared Diamond (2005): 'On explicit "replacement" models in Island Southeast Asia: a reply to Stephen Oppenheimer'. *World Archaeology* 38.4 (2006): 715-717. (= on disagreements over Late Holocene population replacement in Island Southeast Asia by Neolithic speakers of Austronesian languages).
- Spencer, J.E. "The migration of rice from mainland Southeast Asia into Indonesia." In Jacques Barrau, ed. *Plants and the migration of Pacific peoples*. Honolulu: Bishop Museum Press, 1963, 83-89.
- Szabó, Katherine, and Sue O'Connor. "Migration and Complexity in Holocene Island Southeast Asia." *World Archeology* 36.4 (2004), 621-628.
- Weber, Steve, et al. "Rice or millets: early farming strategies in prehistoric central Thailand." *Archaeological and Anthropological Sciences* 2.2 (2010): 79-88.
- Whitman, John B. Review of *Ruins of Identity: Ethnogenesis in the Japanese Islands* by Mark J. Hudson. *Harvard Journal of Asiatic Studies* 62.1 (2002), 256-265.
- White, Joyce. "Modeling the development of early rice agriculture: Ethno-ecological perspectives from northeast Thailand." *Asian Perspectives* 34 (1995): 37–68.
- Zeder, Melinda A., et al. *Documenting domestication: New genetic and archaeological paradigms*. Berkeley, Calif.: University of California Press, 2006. (Global archaeology and genetics of animals, plants, and agriculture)
- Zhang Chi and Hsiao-chun Hung. "The emergence of agriculture in southern China." *Antiquity* 84 (2010), 11–25.
- Zhang Chi and Hsiao-chun Hung. "The Neolithic of Southern China—Origin, Development, and Dispersal." *Asian Perspectives* 47.2 (2008), 299-329.
- Zhao, Zhijun. "New data and new issues for the study of origin of rice agriculture in China." *Archaeological and Anthropological Sciences* 2.2 (2010), 99-105.

Linguistics (general – historical – SE Asia etc.):

- + The SEALANG website: <<http://sealang.net/>> (A cluster of different projects, most notably a comparative dictionary of a great number of Mon-Khmer languages)

- Aikhenvald, A. Y., & Dixon, R. *Areal Diffusion and Genetic Inheritance*. Oxford: Oxford University Press, 2001.
- Bradley, D. What did they eat? Grain crops of the Burmic groups. *Mon-Khmer Studies* 27 (1997), 161-170.
- Braunmuller, K., & House, J., eds. *Convergence and Divergence in Language Contact Situations*. Amsterdam & Philadelphia: John Benjamins Publishing, 2009.
- Diffloth, Gérard. Vietnamese as a Mon-Khmer Language. *Papers from the First Annual Meeting of the Southeast Asian Linguistics Society* (1991), 125-139.
- Dixon, Robert M.W. *The Rise and Fall of Languages*. Cambridge: Cambridge University Press, 1997.
- Dutton, T. and T. Tryon, eds. *Language Contact and Change in the Austronesian World*. Berlin: Mouton de Gruyter, 1994.
- Edmondson, Jerold A. "The power of language over the past: Tai settlement and Tai linguistics in southern China and northern Vietnam." In J. G. Harris, S. Burusphat, and James E. Harris (eds.) *Studies in Southeast Asian Linguistics*, 2007. Bangkok: Ek Phim Thai Co. Ltd., 39-64. (Also at: <http://ling.uta.edu/~jerry/>)
- Enfield, Nicholas J. *Linguistics epidemiology: Semantics and grammar of language contact in mainland Southeast Asia*. London; New York: RoutledgeCurzon, 2003.
- Enfield, Nicholas J. "Areal linguistics and mainland Southeast Asia." *Annual Review of Anthropology* 34 (2005), 181-206.
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- Osada, Toshiki, ed. *Linguistics, Archaeology and Human Past in South Asia*. New Delhi: Manohar, 2009.
- Pulleyblank, E. G. "Chinese and Indo-Europeans." *Journal of the Royal Asiatic Society of Great Britain and Ireland*, No. 1/2 (1966), pp. 9-39.
- Renfrew, Colin et al, eds. *Time Depth in Historical Linguistics*. Cambridge: McDonald Institute for Archaeological Research, 2000.
- Sagart, Laurent. "The Higher Phylogeny of Austronesian and the Position of Tai-Kadai." *Oceanic Linguistics* 43.2 (2004), 411-444.
- Sagart, Laurent. "Sino-tibetan-austronesian: an updated and improved argument." In Sagart, Laurent, Blench, R. & Sanchez-Mazas, A., eds. *The Peopling of East Asia: Putting together Archaeology, Linguistics and Genetics*. London: Routledge-Curzon, 2005, 247-270.

- Sagart, L. (2003) The vocabulary of cereal cultivation and the phylogeny of East Asian languages. *Bulletin of the Indo-Pacific Prehistory Association* 23 (Taipei papers, Volume 1): 127-136.
<http://halshs.archives-ouvertes.fr/halshs-00096560/fr/>
- Shorto, H. L., Sidwell, P., Cooper, D., & C. Bauer. *A Mon-Khmer comparative dictionary*. Canberra: Pacific Linguistics, Research School of Pacific and Asian Studies, Australian National University, 2006.
- Sidwell, P. Proto-Katuic Phonology and the Subgrouping of Mon-Khmer Languages. In P. Sidwell, ed. *Papers from the 15th Meeting of the Southeast Asia Linguistics Society XV*. SEALS, 2005.
- Sidwell, P. The Austroasiatic Central Riverine Hypothesis. *Journal of Language Relationship* 4 (2010), 117-134.
- Southworth F. (forthcoming) "Proto-Dravidian Agriculture," to appear in a volume of papers from the 7th ESCA Round Table Conference, Kyoto, June 2005 (download at <http://ccat.sas.upenn.edu/~fsouth/>)
- Thomason, S. G., & Kaufman, T. *Language Contact, Creolization, and Genetic Linguistics*. Berkeley & Los Angeles: University of California Press, 1988.
- Winford, D. *An Introduction to Contact Linguistics*. Malden, Massachusetts: Blackwell, 2003.

Plant genetics:

- Garris, Amanda J., et al. "Genetic structure & diversity in *Oryza sativa* L." *Genetics* 169 (2005): 1631-38.
- Kenji, Asano, et al, "Artificial selection for a green revolution gene during japonica rice domestication." *PNAS*, Published online before print, June 6, 2011, 10.1073/pnas.1019490108.
- See too: <http://www.physorg.com/news/2011-06-genetic-rice-years.html>
- Konishi, Saeko; Kaworu Ebana and Takeshi Izawa. "Inference of the *japonica* Rice Domestication Process from the Distribution of Six Functional Nucleotide Polymorphisms of Domestication-Related Genes in Various Landraces and Modern Cultivars." *Plant Cell Physiology* 49.9 (2008), 1283–1293.
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- Sweeney, Megan, and Susan McCouch. "The complex history of the domestication of rice." *Annals of Botany* 100 (2007), 951–57.
- Vaughan, Duncan A., Bao-Rong Lu, and Norihiko Tomooka. "Review: The evolving story of rice evolution." *Plant Science* 174.4 (2008): 394-408.

Human genetics:

- Cavalli-Sforza, L.L. *Genes, Peoples, and Languages*. New York: North Point Press, 2000.
- Fix, Alan G. *Migration and Colonization in Human Microevolution*. Cambridge, U.K.; New York: Cambridge University Press, 1999.
- Hammer, Michael F.; Tatiana M. Karafet; Hwayong Park; Keiichi Omoto; Shinji Harihara; Mark Stoneking and Satoshi Horai. "Dual origins of the Japanese: common ground for hunter-gatherer and farmer Y chromosomes." *J Hum Genet* 51 (2006), 47–58.
- Hua Zhong, et al. "Global distribution of Y-chromosome haplogroup C reveals the prehistoric migration routes of African exodus and early settlement in East Asia." *Journal of Human Genetics* 55 (2010), 428–435.
- HUGO Pan-Asian SNP Consortium, et al. "Mapping human genetic diversity in Asia." *Science* 326, 1541 (2009), 1541-45. (See too Normile, Dennis. "SNP study supports southern migration route to Asia" *Science* 326 [2009], p. 1470.)
- Ke, Yuehai et al. "African Origin of Modern Humans in East Asia: A Tale of 12,000 Y Chromosomes." *Science* 292, no. 5519, (2001): 1151.
- Lertrit, Patcharee; S. Poolsuwan; R. Thosarat; T. Sanpachudayan; H. Boonyarit; C. Chinpaisal; and B. Suktitipat. "Genetic history of Southeast Asian populations as revealed by ancient and modern human mitochondrial DNA analysis." *American Journal of Physical Anthropology* 137.4 (2008), 425-40.
- Sanchez-Mazas, Alicia, et al, eds. *Past Human Migrations in East Asia: Matching Archaeology, Linguistics and Genetics*. London; New York: Routledge, 2008.
- Soares, Pedro, et al. "Climate change and postglacial human dispersals in Southeast Asia." *Molecular Biology and Evolution* 25.6 (2008), 1209-1218.
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History, anthropology, economics, etc.

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- Barker, Randolph. "The origin, classification, and dissemination of rice cultivation." In Randolph Barker and Robert W. Herdt, with Beth Rose. *The Rice Economy of Asia*. Washington, D.C.: Resources for the Future, 1985, xx-xx.
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- Dove, Michael R. "The agronomy of memory and the memory of agronomy: Ritual conservation of archaic cultigens in contemporary farming systems." In V. Nazarea ed., *Ethnoecology: Situated Knowledge/Located Lives*. Tucson: University of Arizona Press 1999, 45-70..
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- Scott, James C. *The Art of Not Being Governed: An Anarchist History of Upland Southeast Asia*. New Haven: Yale University Press, 2009.
- Sharma, S.D., ed. *Rice: Origin, Antiquity, and History*. Enfield, NH: Science Publishers; Boca Raton, FL: Distributed by CRC Press, 2010. (Includes "Domestication and diaspora of rice" by S.D. Sharma; etc.)
- Terrell, John, ed. *Archaeology, Language, and History: Essays on culture and ethnicity*. Westport, CN: Bergin & Garvey, 2001.
- Yin, Shaoting. *People and Forests: A Human-Ecological History of Swidden Agriculture in Yunnan*. Kunming: Yunnan Education Publishing House, 2001.