

CURRICULUM VITAE: ALF HORNBERG

Education: Ph.D. in Cultural Anthropology, Uppsala University, May 21, 1986

Current position: Professor and Head of Division, Human Ecology Division, Lund University, October 1993

Previous employment:

- Assistant Professor at Dept. of Cultural Anthropology, Uppsala University, 1986-1990
- Lecturer in Cultural Anthropology, Uppsala University, 1990
- Lecturer in Social Anthropology, University of Gothenburg, 1991-1993

Completed PhD theses supervised as main supervisor throughout entire period:

Stefan Gössling, PhD 2001 (1997-2001)
Ebba Lisberg Jensen, PhD 2002 (1998-2002)
Pernilla Ouis, PhD 2002 (1998-2002)
Per Johansson, PhD 2003 (1999-2003)
Carina Borgström Hansson, PhD 2003 (1999-2003)
Annelie Sjölander Lindqvist, PhD 2004 (2000-2004)
Love Eriksen, PhD 2011 (2006-2011)
Kenneth Hermele, PhD 2012 (2009-2012)
Andreas Malm, PhD 2014 (2009-2014)

Completed PhD theses supervised in part:

Juan Carlos Gumucio, PhD 1999 (1988-1990)
Beppe Karlsson, PhD 1997 (1989-1990)
Mikael Kurkiala, PhD 1997 (1989-1990)
Simron Jit Singh, PhD 2003 (2001-2002)
Jutta Falkengren, PhD 2005 (2003-2004)
John Brolin, PhD 2007 (2002-2004)
Michael Moon, PhD 2008 (2002-2005)
Carl Nordlund, PhD 2010 (2002-2004)

Currently supervised PhD students (September, 2014):

Ragnheidur Bogadóttir
Rikard Warlenius
Martin Oulu
Gregory Pierce
Sarah Kollnig

Collaboration with and funding of postdoctoral researchers:

Mathis Wackernagel (1997)
Pernille Gooch (1999-2001)
Sing C. Chew (1999-2000)
Mikael Kurkiala (2000-2001)

Thomas Malm (2000-2002)
Christian Isendahl (2002-2005)
Per Stenborg (2002-2005)
Ebba Lisberg Jensen (2004-2006)
Per Johansson (2004-2006)
Andreas Persson (2006-2007)
Jason W. Moore (2008-2009)
Michael Sheridan (2009)
Love Eriksen (2011-2013)
Andreas Malm (2014-

National and international committees and boards:

- Swedish Committee for the Human Dimensions of Global Environmental Change, Swedish Council for Planning and Coordination of Research, 1996-1998
- Evaluation Committee for Sociology and Anthropology, Swedish Council for Research in the Humanities and Social Sciences/ Swedish Research Council, 1998-1999
- Evaluation Committee for Postdoc Applications in Sociology and Anthropology, Swedish Research Council, 2005
- Deputy board member, FORMAS [Swedish Research Council for Environment, Agriculture and Spatial Planning], 2004-2009
- Committee for Research on Culture, Security and Sustainable Social Development, Bank of Sweden Tercentenary Foundation, 2000-2006
- The Scientific Council for Biological Diversity, The Swedish Environmental Protection Agency, 2007-2008
- Chair of Evaluation Committee, The Swedish Agency for Research Cooperation with Developing Countries, 2008-2009
- Board member, Centre for Gender Science, Lund University, 2007-2008
- Member of Programme Committee, OMLL Final Conference (Origins of Man, Language, and Languages), EUROCORES, European Science Foundation, 2007
- Member of Steering Group of Linnaean Grant Recipient LUCID: Lund University Centre of Excellence for Integration of Social and Natural Dimensions of Sustainability, 2009-2018
- Board member, Centre of Cognitive Semiotics, Lund University, 2009-2011
- Board member, Swedish Society for Anthropology and Geography (SSAG), 2009-2010

Editorial offices:

- Advisory Editorial Board, *Ethnos*, 2002 –
- Advisory Editorial Board, *Identities: Global Studies in Culture and Power*, 2009 –
- Editorial Board, *The Journal of Ecological Anthropology*, 2003 –
- Editorial Board, *Nature and Culture*, 2005-2007
- Editorial Board, *Signs*, 2007 –
- Editorial Board, *Journal of World-Systems Research*, 2007 –
- Editorial Board, *Ecological and Environmental Anthropology*, 2007 –
- Editorial Board, *Sociology of Development*, 2014 –

Selected research grants:

- The Swedish Council for Research in the Humanities and Social Sciences, 1991-1992 (*Technology as Culture*)

- The Bank of Sweden Tercentenary Foundation, 1991, 1992-1993 (*Environmentalism and Identity on Cape Breton*)
- The Swedish Agency for Research Cooperation with Developing Countries, 1991-1993 (*Controlling "Development"*)
- The Swedish Council for Planning and Coordination of Research, 1991-1992 (*Economics as Culture*)
- The Nordic Council of Ministers/The Swedish Council for Planning and Coordination of Research, 1996-98 (*Negotiating Nature: Culture, Power, and Environmental Argument*)
- The Swedish Council for Forestry and Agricultural Research, 1998-2002 (Project participant, *Research School for Ecological Land Use*)
- The Swedish Council for Forestry and Agricultural Research/The National Heritage Board/The Crafoord Foundation, 1998-2000 (*Local Knowledge, Agrarian History, and Ecological Production*)
- The Bank of Sweden Tercentenary Foundation, 2000-2001 (*Native American Ecocosmologies and Environmental Ethics: Animism, Modernity, and the Cultural Phenomenology of Human-Environmental Relations*)
- The Swedish Agency for Research Cooperation with Developing Countries, 2000-2002 (*Women of the Coral Gardens*)
- The Bank of Sweden Tercentenary Foundation, 1999-2002 (Project participant, *The Coast to Coast Project*)
- European Science Foundation (EUROCORES)/The Swedish Research Council, 2002-2006 (*The Prehistory of Amazonian Languages: Ecological and Cultural Processes Underlying Linguistic Differentiation*)
- The Swedish Nuclear Fuel and Waste Management Company, 2004-2005 (*Identity and Security in Time and Space: Existential Aspects of Nuclear Waste Storage*)
- The Swedish Research Council for Environment, Agriculture and Spatial Planning, 2008-2010 (*Power, Land, and Materiality: Global Studies in Historical-Political Ecology as a Framework for Assessing Policies for "Sustainable Development"*)
- The Swedish Research Council for Environment, Agriculture and Spatial Planning, 2008-2010 (*Sustainable Development as a Problem of Global Distribution: Transdisciplinary Theory and Methods for Tracing Environmental Load Displacement*)
- The Swedish Research Council/The Swedish Research Council for Environment, Agriculture and Spatial Planning, 2009-2018 (Co-recipient of Linnaean grant for LUCID: *Lund University Centre of Excellence for Integration of Social and Natural Dimensions of Sustainability*)
- The Bank of Sweden Tercentenary Foundation, 2009-2011 (Project participant, *Centre of Cognitive Semiotics*)
- The Bank of Sweden Tercentenary Foundation, 2010-2015 (Project participant, *Time, Memory and Representation*)
- European Commission's Seventh Framework Programme, 2011-2014 (Project participant, *Environmental Justice Organizations, Liabilities, and Trade*)
- European Commission's Seventh Framework Programme, 2011-2016 (Project participant, *Financialisation, Economy, Society, and Sustainable Development*)
- The Swedish Research Council for Environment, Agriculture and Spatial Planning, 2014-2018 (Project participant, *Beyond GDP Growth: Scenarios for Sustainable Building and Planning*)

Field research:

- Peru, 1981, 2004
- Brazil, 2004, 2011
- Nova Scotia, Canada, 1991, 1992-93, 1996, 2000, 2009
- Kingdom of Tonga, 1998, 2001

International conferences organized:

- *World-System History and Global Environmental Change*, Lund, September 2003
- *Trade and Environmental Justice*, February 2006
- *Mapping Culture: Geographical Information Systems in the Human Sciences*, November 2006
- *Fifth Sesquiannual Meeting of the Society for the Anthropology of Lowland South America*, Santa Fe, January 2007
- *Long-Term Patterns of Ethnogenesis in Indigenous Amazonia* (with J. Hill), American Anthropological Association, Washington, DC, November 2007
- OMLL Final Conference, Rome, December 2007 (Member of organising committee and organiser/chair of session on *Language and Archaeology*)
- *Ethno-Linguistics in Amazonia*, Lund, June 2008
- *Ecology and Power: Critical Perspectives on the Discourse on Sustainability and Resilience*, Lund, September 2008
- *Critical Perspectives on World History* (with J. Myrdal), Lund, May 2013
- *Ecologically Unequal Exchange and Ecological Debt*, Lund, March 2014

Selected publications:

[Note: Entries marked * are books and edited collections, the rest peer-reviewed journal articles, book chapters, reviews, or comments]

- 2014r, Hornborg, A., The Ecology of Empire: From “Ecological Imperialism” to Imperialism as an Ecological Process. P. Bang, C.A. Bayly & W. Scheidel, eds., *The Oxford World History of Empire*. Oxford University Press. [forthcoming]
- 2014q, Hornborg, A., The Political Ecology of the Technocene: Uncovering Ecologically Unequal Exchange in the World-System. C. Hamilton, C. Bonneuil & F. Gemenne, eds., *The Anthropocene and the Social Sciences*. Routledge. [in press]
- 2014p, Hornborg, A., 1812, 1912, 2012 – tre nedslag i industrisamhällets historia. *Nya Argus* 107(7):197-203.
- 2014o, Hornborg, A., Technology as Fetish: Marx, Latour, and the Cultural Foundations of Capitalism. *Theory, Culture, and Society* 31(4):119-140 [published online June 10, 2013]
- 2014n, Hornborg, A. & J. Martinez-Alier, eds., Ecologically Unequal Exchange and Ecological Debt. *Journal of Political Ecology* special issue [forthcoming]
- 2014m, Hornborg, A., Why Economics Needs to be Distinguished from Physics, and Why Economists Need to Talk to Physicists: A Response to Foster and Holleman. *Journal of Peasant Studies* [<http://dx.doi.org/10.1080/03066150.2014.945078>]

- 2014l, Hornborg, A., Political Economy, Ethnogenesis, and Language Dispersals in the Prehispanic Andes: A World-System Perspective. *American Anthropologist* 116:4.
- 2014k, Trawick, P. & A. Hornborg, Revisiting the Image of Limited Good: On Sustainability, Thermodynamics, and the Illusion of Creating Wealth. *Current Anthropology* [in press]
- 2014j, Hornborg, A., Vad inkomstskillnadsdebatten borde handla mer om (blogginlägg). *Ekonomistas* 2014-03-01.
- 2014i, Hornborg, A., Ecological Economics, Marxism, and Technological Progress: Some Explorations of the Conceptual Foundations of Theories of Ecologically Unequal Exchange. *Ecological Economics* 105:11-18.
- 2014h, Hornborg, A., Maktens charmerande ansikte. *Arena*.
- 2014g, Hornborg, A., World-systems Analysis. *Encyclopedia of Global Archaeology*. Springer.
- *2014f, Hornborg, A., *Nollsummespelet om den globala miljön*. Daidalos [in press]
- 2014e, Hornborg, A., Urban Sustainability as Myth and Practice. McDonogh, G., M. Checker & C. Isenhour, eds., *Sustainability as Myth and Practice in the Global City*. Cambridge: Cambridge University Press.
- 2014d, Hornborg, A., Vem har råd med miljöteknik? U. Gunnarsson-Östling & R. Österberg, eds., *Orättvisans landskap: En bok om miljö rättvisa och global hållbarhet* [in press]
- 2014c, Hornborg, A., Conceptualizing Ecologically Unequal Exchange: Society and Nature Intertwined. T. Perreault, G. Bridge & J. McCarthy, eds., *Handbook of Political Ecology*. Routledge.
- 2014b, Malm, A. & A. Hornborg, The geology of mankind? A critique of the Anthropocene narrative. *The Anthropocene Review* 1(1):62-69.
- 2014a, Hornborg, A., Long-distance Exchange, Ritual Technologies of Power, and Ethnogenesis in the Pre-Columbian Andes: A World-System Perspective. K. Kristiansen, ed., *Trade and Civilization*. Cambridge University Press. [forthcoming]
- 2013j, Hornborg, A., Industrial Societies: Anthropological Aspects. *International Encyclopedia of the Social and Behavioral Sciences*. Elsevier.
- 2013i, Hornborg, A., Den vite konsumentens börda. Stellan Tengroth, ed., *Att svära i kyrkan - Tjugo röster om evig tillväxt på en ändlig planet*, pp.67-79. Pärsvärlag.
- 2013h, Hornborg, A., Why Solar Panels Don't Grow on Trees: Technological Utopianism and the Uneasy Relation between Marxism and Ecological Economics. J. Hedrén & K. Bradley, eds., *Green Utopianism*. Routledge.
- 2013g, Hornborg, A., 1812, 1912, 2012 – Tre nedslag i industrisamhällets historia. M. Viktorin & C. Widmark, eds., *Antropologi och tid*, pp.219-233. Ymer 2013.
- 2013f, Hornborg, A., Submitting to Objects: Animism, Fetishism, and the Cultural Foundations of Capitalism. G. Harvey, ed., *The Handbook of Contemporary Animism*, pp.244-259. Acumen.
- 2013e, Hornborg, A., L. Eriksen & R. Bogadóttir, Correlating Landesque Capital and Ethno-political Integration in Pre-Columbian South America. T. Håkansson & M. Widgren, eds., *Landesque Capital: The Historical Ecology of Enduring Landscape Modifications*, pp.215-231. Left Coast Press.
- 2013d, Hornborg, A., Revelations of Resilience: From the Ideological Disarmament of Disaster to the Revolutionary Implications of (P)anarchy. *Resilience: International Policies, Practices and Discourses* 1(2):116-129.

- 2013c, Hornborg, A., Vår syn på pengar och ny teknik den verkliga krisen. *Göteborgsposten* 2013-01-05.
- 2013b, Hornborg, A., Kin Terminologies as Linguistic Imprints of Regional Processes: The Socio-ecological Contexts of Close versus Distant Marriage Patterns in Indigenous Amazonia. I. Keen & P. McConvell, eds., *Kinship Systems: Change and Reconstruction*, pp.123-132. University of Utah Press.
- 2013a, Hornborg, A., The Fossil Interlude: Euro-American Power and the Return of the Physiocrats. S. Strauss, S. Rupp & T. Love, eds., *Cultures of Energy: Power, Practices, Technologies*, pp.41-59. Left Coast Press.
- 2012f, Hornborg, A., Guano, fosfor, fossila bränslen. *Finlands Natur* 2012-11-01, p.21
- 2012e, Hornborg, A., 1812, 1912, 2012 – Three Moments in the History of Industrialism. M. Nyström, ed., *Glimpsing Paths: Being and Acting in Times of (Un)Certainty*, pp.28-37. Uppsala Centre for Sustainable Development.
- 2012d, Hornborg, A., Animismus, Fetischismus und Objektivismus als Strategien der Welt(v)erkenntnis. I. Albers & A. Franke, eds., *Animismus: Revisionen der Moderne*, pp.55-64. Diaphanes.
- 2012c, Hornborg, A., Accumulation: Land as a Medium of Domination. A. Hornborg, B. Clark & K. Hermele, eds., *Ecology and Power: Struggles over Land and Material Resources in the Past, Present, and Future*, pp.13-22. Routledge.
- 2012b, Hornborg, A., B. Clark & K. Hermele, Introduction: Ecology and Power. Hornborg, A., B. Clark & K. Hermele, eds., *Ecology and Power: Struggles over Land and Material Resources in the Past, Present, and Future*, pp.1-10. Routledge.
- *2012a, Hornborg, A., B. Clark & K. Hermele, eds., *Ecology and Power: Struggles over Land and Material Resources in the Past, Present, and Future*. Routledge.
- 2011q, Hornborg, A., Finns det en gräns för tillväxtoptimismen? *Forskarbloggen.slu*.
- 2011p, Hornborg, A., The Only Way of Achieving Sustainability. *Adbusters: Journal of the Mental Environment* 19(3).
- 2011o, Hornborg, A., Amazonas uråldriga geoglyfer. *Forskning & framsteg* 7:24-26.
- 2011n, Hornborg, A., Rethinking the Industrial Revolution and the Rise of the West: Historical Contingencies and the Global Prerequisites of Modern Technology. H. Ruin & A. Ers, eds., *Rethinking Time: Essays on Historical Consciousness, Memory, and Representation*, pp.267-275. Södertörn Philosophical Studies 10.
- 2011m, Hornborg, A., Solpaneler växer inte på träd. *Kollega* 2011-08-22.
- 2011l, Hornborg, A., Review of F. Santos-Granero, 'Vital Enemies: Slavery, Predation, and the Amerindian Political Economy of Life.' *Journal of Latin American and Caribbean Anthropology* 16(2):460-462.
- 2011k, Hornborg, A., Comment on David Graeber, 'Consumption'. *Current Anthropology* 52(4):505-506.
- 2011j, Hornborg, A., Möjliga pengar och omöjliga maskiner: Några tankar kring olika försök att ingripa i kapitalismens logik. K. Schoug, red., *Om möjligheter, för människan och allt annat levande*, pp.54-73. Naturvårdsverket.
- 2011i [incorporating 2011e], Hornborg, A., Global Environmental History. G. Modelski & R.A. Denemark, eds., *World System History. Encyclopedia of Life Support Systems (EOLSS)*.
- 2011h, Hornborg, A., Fetishism, Unequal Exchange, and Global Ecology. E. Berglund, ed., Forum on 'Culture, Exchange and Global Ecology'. *Suomen Antropologi: Journal of the Finnish Anthropological Society* 36(2):37-39.

- *2011g, Hornborg, A., *Global Ecology and Unequal Exchange: Fetishism in a Zero-Sum World*. Routledge.
- 2011f, A. Hornborg, Darwin, antropologi och kulturella selektionsprocesser. M. Hammarström, E. Gerle & P. Gärdenfors, red., *Människan sedd: Olika vetenskapliga prismor*, pp. 101-111. Nya Doxa.
- 2011e, Hornborg, A., Interacting Landscapes: Toward a Truly Global Environmental History. S. Babones & C. Chase-Dunn, eds., *Handbook of World-Systems Analysis*, pp.443-444. Routledge.
- 2011d, Hornborg, A. & L. Eriksen, An Attempt to Understand Panoan Ethnogenesis in Relation to Long-term Patterns and Transformations of Regional Interaction in Western Amazonia. Hornborg, A. & J.D. Hill, eds., *Ethnicity in Ancient Amazonia: Reconstructing Past Identities from Archaeology, Linguistics, and Ethnohistory*, pp.129-151. University Press of Colorado.
- 2011c, Hornborg, A. & J.D. Hill, Introduction: Ethnicity in Ancient Amazonia. Hornborg, A. & J.D. Hill, eds., *Ethnicity in Ancient Amazonia: Reconstructing Past Identities from Archaeology, Linguistics, and Ethnohistory*, pp.1-27. University Press of Colorado.
- *2011b, Hornborg, A. & J.D. Hill, eds., *Ethnicity in Ancient Amazonia: Reconstructing Past Identities from Archaeology, Linguistics, and Ethnohistory*. University Press of Colorado.
- 2011a, Hornborg, A., Uneven Development as a Result of the Unequal Exchange of Time and Space: Some Conceptual Issues. *The Austrian Journal of Development Studies* 26(4):36-52.
- 2010i [revised version of 2011i], Hornborg, A., Towards a Truly Global Environmental History: A Review Article. *Review: Journal of the Fernand Braudel Centre* XXXIII(1).
- 2010h, Hornborg, A. Teknik och tillväxt kan aldrig lösa miljöproblemen. *Newsmill* 2010-11-04.
- 2010g, Hornborg, A. Vårt prytlaseri är en ohållbar illusion. *Göteborgsposten* 2010-12-28.
- 2010f, Hornborg, A. Svenska bönders ansträngningar – på soptippen. *FUF-bladet* 3:4.
- 2010e, Hornborg, A., Review of M. Alexiades, ed., 'Mobility and Migration in Indigenous Amazonia: Contemporary Ethnoecological Perspectives.' *Tipiti – Journal of the Society for the Anthropology of Lowland South America* 8(1).
- 2010d, Hornborg, A., Mark och makt. *Miljöforskning* 3/2010.
- *2010c, Hornborg, A. *Myten om maskinen: Essäer om makt, modernitet och miljö*. Daidalos.
- *2010b, Hornborg, A. & A.K. Jorgenson, eds., *International Trade and Environmental Justice: Toward a Global Political Ecology*. Nova Science Publishers.
- 2010a, Hornborg, A., Etnobiologi, antropologi och humanekologi: Studier av traditionell kunskap om naturen. H. Tunón & A. Dahlström, eds., *Nycklar till kunskap: Om människans bruk av naturen*, pp.17-24. Kungliga Skogs- och Lantbruksakademien.
- 2009e, Hornborg, A. Modernt och förmodernt. *Humanistportalen.konstvet.uu.se*. 6 s.
- 2009d, Hornborg, A., Review of J. Radkau, 'Nature and Power: A Global History of the Environment.' *Comparative Studies in Society and History* 52(1):213-215.
- 2009c, Hornborg, A., Review of W. Balée & C. Erickson, eds., 'Time and Complexity in Historical Ecology: Studies in the Neotropical Lowlands.' *Tipiti – Journal of the Society for the Anthropology of Lowland South America* 6(1-2):130-132.

- 2009b, Hornborg, A., In Defense of the Nature/Culture Distinction: Why Anthropology can Neither Dispense With, nor be Reduced to, Semiotics. *Cognitive Semiotics* 4:92-115.
- 2009a, Hornborg, A., Zero-Sum World: Challenges in Conceptualizing Environmental Load Displacement and Ecologically Unequal Exchange in the World-System. *International Journal of Comparative Sociology* 50(3-4):237-262.
- 2008e [reprint of 2006b], Hornborg, A., Footprints in the Cotton Fields: The Industrial Revolution as Time-Space Appropriation and Environmental Load Displacement. J. Martinez-Alier & I. Röpke, eds., *Recent Developments in Ecological Economics*, vol. 1, pp.445-452. Edward Elgar.
- 2008d [revised version of 2007b], Hornborg, A., Environmental Load Displacement in World History. B. Hettne, ed., *Sustainable Development in a Globalized World*, pp.94-116. Palgrave Macmillan.
- 2008c, Hornborg, A., Maskinen som fetisch. *Dagens Nyheter* 2008-05-25.
- 2008b, Hornborg, A., Länge leve undergången [Det goda sammanbrottet]. *Dagens Nyheter* 2008-04-13.
- 2008a, Hornborg, A., Den vite konsumentens börda. *Dagens Nyheter* 2008-01-28.
- 2007f, Hornborg, A., Vi konsumerar andras arbete och landskap. B. Johansson, ed., *Konsumera mera – dyrköpt lycka*, pp.97-109. Forskningsrådet Formas.
- 2007e, Hornborg, A., Learning from the Tiv: Why a Sustainable Economy Would Have to be Multicentric. *Culture and Agriculture* 29:2:63-69.
- 2007d [reprint of 2006b], Hornborg, A., Footprints in the Cotton Fields: The Industrial Revolution as Time-Space Appropriation and Environmental Load Displacement. A. Hornborg, J.R. McNeill & J. Martinez-Alier, eds., *Rethinking Environmental History: World-System History and Global Environmental Change*, pp.259-272. AltaMira/Rowman & Littlefield.
- 2007c, Hornborg, A., Environmental History as Political Ecology. A. Hornborg, J.R. McNeill & J. Martinez-Alier, eds., *Rethinking Environmental History: World-System History and Global Environmental Change*, pp.1-24. AltaMira/Rowman & Littlefield.
- *2007b, Hornborg, A., J.R. McNeill & J. Martinez-Alier, eds., *Rethinking Environmental History: World-System History and Global Environmental Change*. AltaMira/Rowman & Littlefield (408 pp).
- 2007a, Hornborg, A., Flödet av resurser avgör global miljö. *Miljöforskning* 6:2:8-9.
- 2006g [revised version of 2005c], Hornborg, A., Regional Integration and Ecology in Prehistoric Amazonia: Toward a System Perspective. A. Hornborg & C. Crumley, eds., *The World System and the Earth System: Global Socio-Environmental Change and Sustainability since the Neolithic*, pp.214-228. Left Coast Press.
- 2006f, Hornborg, A., Conceptualizing Socioecological Systems. A. Hornborg & C. Crumley, eds., *The World System and the Earth System: Global Socio-Environmental Change and Sustainability since the Neolithic*, pp.1-11. Left Coast Press.
- *2006e, Hornborg, A. & C. Crumley, eds., *The World System and the Earth System: Global Socio-Environmental Change and Sustainability since the Neolithic*. Left Coast Press (395 pp).
- 2006d [reprint of 2003d], Hornborg, A., Cornucopia or Zero-Sum Game? The Epistemology of Sustainability. E. Kick & A. Jorgenson, eds., *Globalization and the Environment*, pp.23-35. Brill Press.

- 2006c [revised version of 1998o], Hornborg, A., Ecosystems and World Systems: Accumulation as an Ecological Process. S. Babones & C. Chase-Dunn, eds., *Global Social Change: Historical and Comparative Perspectives*, pp.161-175. The Johns Hopkins University Press.
- 2006b, Hornborg, A., Footprints in the Cotton Fields: The Industrial Revolution as Time-Space Appropriation and Environmental Load Displacement. *Ecological Economics* 59:1:74-81.
- 2006a, Hornborg, A., Animism, Fetishism, and Objectivism as Strategies for Knowing (or Not Knowing) the World. *Ethnos* 2006:1:21-32. [Paper originally presented at the Vega symposium 'Animism and the meaning of life', Stockholm, April 23, 2004].
- 2005f, Hornborg, A., Review of J. Diamond, 'Collapse: How Societies Choose to Fail or Succeed.' *Current Anthropology* 46S:94-95.
- 2005e, Hornborg, A., Fotavtryck i bomullsfälten: Industriella Revolutionen som miljöbelastningsförskjutning. *Polhem – Teknikhistorisk årsbok* 2:11-24.
- 2005d, Hornborg, A., 'Neolithization', Ethnogenesis, and Material Culture: A View from Amazonia. H. Knutsson, ed., *Coast to Coast - Arrival: Results and Reflections*, pp.309-344. Department of Archaeology and Ancient History, Uppsala University.
- 2005c, Hornborg, A., Ethnogenesis, Regional Integration, and Ecology in Prehistoric Amazonia: Toward a System Perspective. *Current Anthropology* 46:4:589-620.
- 2005b, Hornborg, A., Resisting the Black Hole of Neoclassical Formalism in Economic Anthropology: A Polemic. S. Löfving, ed., *Peopled Economies: Conversations with Stephen Gudeman*, pp.63-80. Seminar for Development Studies, Stockholm.
- 2005a, Hornborg, A., Amazonas som kulturlandskap: Förhistoriska kulturella processer i Sydamerikas lågländer. C. Bunte, B. Berglund & L. Larsson, eds., *Arkeologi och naturvetenskap*, pp.178-197. Gyllenstiernska Krapperupstiftelsen.
- 2004e, Hornborg, A., Warfare: Pre-Columbian South America. *Berkshire Encyclopedia of World History* 5:1987-1990.
- 2004d, Hornborg, A., Cultural Ecology. *Berkshire Encyclopedia of World History* 2:465-467.
- *2004c, Hornborg, A., ed. (with S. Andrén & M. Arderup), *Humanekologiska perspektiv på hållbar produktion och konsumtion: Helhetssyn på integrerad produktpolicy (IPP)*. Naturvårdsverket. Rapport 5354.
- 2004b, Hornborg, A., Teknik, ekologi och ojämnt utbyte - ett rättviseperspektiv på utveckling. P. Wickenberg, A. Nilsson & M. Steneroth-Sillén, eds., *Miljö och hållbar utveckling - samhällsvetenskapliga perspektiv från en lundahorisont*, pp. 269-308. Studentlitteratur.
- 2004a, Hornborg, A., Undermining Modernity: Protecting Landscapes and Meanings among the Mi'kmaq of Nova Scotia. S. Paulson & L.L. Gezon, eds., *Political Ecology across Spaces, Scales, and Social Groups*, pp. 196-214. Rutgers University Press.
- 2003k, Hornborg, A., The World System Unmasked: Thoughts on Globalization, Power and Meaning in the Shadow of September 11. F. Lundmark, ed., *Culture, Security and Sustainable Social Development after September 11*, pp.221-239. Gidlunds förlag.
- 2003j [reprint of 2003a], Hornborg, A., The Unequal Exchange of Time and Space: Toward a Non-Normative Ecological Theory of Exploitation. R. Eriksson, M. Jäntti & J. Willner, eds., *Att förstå och att förändra världen: En festskrift för Jan Otto Andersson*, s.87-96. Åbo Akademis förlag.

- 2003i, Hornborg, A., Finns det mening i naturen? Ett 'ekosemiotiskt' perspektiv på den s.k. miljökrisen. M. Diaz, I. Pedersen & A. Peterson, eds., *Nysyner: Gränsöverskridande möten, forum för natur - kultur*, pp.9-13. Malmö Museer.
- 2003h, Hornborg, A., Förord. A. Horn, ed., *Tjugo år med kärngårdar: Ett nätverk som minskar vår sårbarhet och bevarar hotade livsvärden*, pp.5-8. Författares Bokmaskin.
- 2003g [reprint of 1998l], Hornborg, A., Ekosystem, världssystem och 'miljörättvisa': Om hållbarhetens globala fördelningsaspekter. L. J. Lundgren, ed., *Vägar till kunskap: Några aspekter på humanvetenskaplig och annan miljöforskning*, pp.193-213. Brutus Östlings Bokförlag Symposion.
- 2003f, Hornborg, A., From Animal Masters to Ecosystem Services: Exchange, Personhood and Human Ecology. A. Roepstorff, N. Bubandt & K. Kull, eds., *Imagining Nature: Practices of Cosmology and Identity*, pp.97-116. Aarhus University Press.
- 2003e [reprint of 1998g], Hornborg, A., Modernitet och ekologisk revolution. A. Öckerman & E. Friman, ed., *Hela världen: samhällliga och kulturella perspektiv på miljökrisen*, pp.317-328. Studentlitteratur.
- 2003d, Hornborg, A., Cornucopia or Zero-Sum Game? The Epistemology of Sustainability. *Journal of World-Systems Research* 9(2):3-14.
- 2003c, Hornborg, A., När världssystemet visar sitt ansikte: tankar kring globalisering, makt och mening i skuggan av den 11 september. F. Lundmark, ed., *Kultur, säkerhet och hållbar samhällsutveckling efter 11 september*, pp.207-224. Gidlunds förlag.
- 2003b, Hornborg, A., Självetts gränser och fador i olika kulturer: en introduktion till psykologisk antropologi. C. Garsten & K. Sundman, ed., *Moderna människor: Antropologiska perspektiv på samtiden*, pp.217-229. Liber.
- 2003a, Hornborg, A., The Unequal Exchange of Time and Space: Toward a Non-Normative Ecological Theory of Exploitation. *Journal of Ecological Anthropology* 7:4-10.
- 2002d, Hornborg, A., Replik till Nils Uddenberg och Åke Daun. *RIG Kulturhistorisk tidskrift* 2002(2):108-110.
- 2002c [reprint of 2000e], Hornborg, A., Tillväxt och teknikutveckling som ymnighetshorn eller nollsummespel. J. Hedrén, ed., *Naturen som brytpunkt: Om miljöfrågans mystifieringar, konflikter och motsägelser*, s.9-33. Symposion.
- 2002b, Hornborg, A., Comment on Gísli Pálsson and Kristín Hardardóttir, 'For Whom the Cell Tolls: Debates about Biomedicine'. *Current Anthropology* 43(2):291-292.
- 2002a, Hornborg, A., Review of T. Ingold, 'The Perception of the Environment: Essays in Livelihood, Dwelling and Skill.' *Ethnos* 67:121-122.
- 2001h [reprint of 1998k], Hornborg, A., Gudarnas föda och svart guld: teknik, fetischism och exploatering i andinsk och europeisk civilisation. S. Lagergren, K. Palmlund & G. Sundberg, eds., *Tillväxten ifrågasatt*, pp.125-139. Carlssons.
- 2001g, Hornborg, A., På vilket språk ska vi tala om människan? *Sydsvenska Dagbladet* 2001-10-01.
- 2001f, Hornborg, A., Hjälper oss biologin förklara mänsklig beteendevariation? *RIG Kulturhistorisk tidskrift* 2001(3):165-169.
- 2001e, Hornborg, A., Vad är en stad? E. Dalman, ed., *Tänk: 21 inlägg om framtidens stad*, pp. 103-112. Ordfront förlag.
- 2001d, Hornborg, A., Vital Signs: An Ecoscientific Perspective on the Human Ecology of Amazonia. *Sign Systems Studies* 29(1):121-152.

- 2001c [reprint of 1998h], Hornborg, A., Ecological Embeddedness and Personhood: Have We Always Been Capitalists? M. Lambek & E. Messer, eds., *Ecology and the Sacred: Engaging the Anthropology of Roy A. Rappaport*, pp.88-98. University of Michigan Press.
- *2001b, Hornborg, A., *The Power of the Machine: Global Inequalities of Economy, Technology, and Environment*. Altamira/Rowman & Littlefield (273 pp).
- 2001a, Hornborg, A., Symbolic Technologies: Machines and the Marxian Notion of Fetishism. *Anthropological Theory* 1(4):473-496. [Revised version of paper presented at the seminar series 'Animated Materiality: Breathing Life into Things', Institute of Social and Cultural Anthropology, University of Oxford, March 1999].
- 2000e, Hornborg, A., Ymnighetshorn eller nollsummespel? Från beroendeteori till miljö rättvisa. *Socialistisk debatt* 34(3-4):49-58.
- *2000d, Hornborg, A., ed., *Östarprojektet - Lokala kunskapsprocesser för självbärande kretsloppssystem: experimentell agrarhistoria och 'ekologisk produktion'*. Human Ecology Division, Lund University.
- 2000c, Hornborg, A., Kan vi hoppas på en ny, global etik? *Utrikesperspektiv* 2:24-25.
- *2000b, Hornborg, A. & G. Pálsson, eds., *Negotiating Nature: Culture, Power, and Environmental Argument*. Lund Studies in Human Ecology 2. Lund University Press.
- 2000a, Hornborg, A., Accumulation Based on Symbolic versus Intrinsic 'Productivity': Conceptualizing Unequal Exchange from Spondylus Shells to Fossil Fuels . R. Denmark, J. Friedman, B. Gills & G. Modelski, eds., *World System History: The Social Science of Long-Term Change*, s.235-252. Routledge.
- 1999d, Hornborg, A., Money and the Semiotics of Ecosystem Dissolution. *Journal of Material Culture* 4(2):143-162.
- 1999c, Hornborg, A., Comment on Peter Brosius, 'Anthropological Engagements with Environmentalism'. *Current Anthropology* 40(3):294.
- 1999b, Hornborg, A., Traditionen och det moderna tillståndet: om att återerövra platsen. *Kulturens årsbok 1999*, pp.187-207.
- 1999a, Hornborg, A., Comment on Nurit Bird-David, "'Animism" Revisited: Personhood, Environment, and Relational Epistemology'. *Current Anthropology* 40(1):S80-81.
- 1998p, Hornborg, A., Rättvisans postmoderna död. *Dagens Nyheter* 1998-11-11 (Tredje Sidan).
- 1998o, Hornborg, A., Ecosystems and World Systems: Accumulation as an Ecological Process. *Journal of World-Systems Research* 4(2):169-177.
- 1998n, Hornborg, A., Lång väg till ekologisk revolution. *Räntefri* 2/98.
- *1998m, Hornborg, A. & Mikael Kurkiala, eds., *Voices of the Land: Identity and Ecology in the Margins*. Introduction, Chapter 1, Chapter 5. Lund Studies in Human Ecology 1. Lund University Press.
- 1998l, Hornborg, A., Ekosystem, världssystem och miljö rättvisa: Om 'grön' beroendeteori och hållbarhetens fördelningsaspekter. O. Wärneryd & T. Hilding-Rydevik, eds., *Hållbart samhälle: en antologi om mål, möjligheter, medel och makt*, pp.100-119. Forskningsrådsnämnden.
- 1998k, Hornborg, A., Gudarnas föda och svart guld: Teknik, fetischism och exploatering i andinsk och europeisk civilisation. *Häften för kritiska studier* 31(2):3-14.

- 1998j, Hornborg, A., Människans försörjning: Teknologi, ekologi och ekonomi i ett globalt och historiskt perspektiv. H. Bruun, ed., *Humanekologiska perspektiv på människans tillvaro*, pp.292-318. Nya Doxa.
- 1998i, Hornborg, A., Miljöhistoria, humanekologi och ekologisk antropologi: Skillnader och konvergenser. M. Johansson, ed., *Miljöhistoria idag och imorgon*, pp.105-123. Högskolan i Karlstad.
- 1998h, Hornborg, A., Ecological Embeddedness and Personhood: Have We Always Been Capitalists? *Anthropology Today* 14(2):3-5. The Royal Anthropological Institute.
- 1998g, Hornborg, A., En ekologisk revolution? Det moderna utmanat. *Tvärnsnitt* 1998(2):65-71.
- 1998f, Hornborg, A., Ecological Crisis as a Crisis of Society: A Plea for Contextualism and Holism. B.L.B. Wiman, I.M.B. Wiman & S.L. Vanden Akker, eds., *The Art of Natural Resource Management*, pp.451-464. Lund University Press.
- 1998e, Hornborg, A., Serial Redundancy in Amazonian Social Structure: Is There a Method for Poststructuralist Comparison? M. Godelier, T.R. Trautmann & F.E. Tjon Sie Fat, eds., *Transformations of Kinship*, pp.168-186. Smithsonian Institution.
- 1998d, Hornborg, A., Opposition, Hierarchy and Gender in Aboriginal South America: Linguistic and Architectural Homologies. L. Larsson & B. Stjernquist, eds., *The World-View of Prehistoric Man*, pp.93-102. The Royal Academy of Letters, History and Antiquities.
- 1998c, Hornborg, A., Towards an Ecological Theory of Unequal Exchange: Articulating World System Theory and Ecological Economics. *Ecological Economics* 25(1):127-136.
- 1998b, Hornborg, A., World Systems in the Andes. S. Ahlgren, A. Muñoz, S. Sjödin & P. Stenborg, eds., *Past and Present in Andean Prehistory and Early History*, pp.103-117. Etnologiska studier 42. Etnografiska muséet, Gothenburg.
- 1998a, Hornborg, A., Mi'kmaq Environmentalism: Local Incentives and Global Projections. A. Sandberg & S. Sörlin, eds., *Sustainability - The Challenge: People, Power and the Environment*, pp.202-211. Black Rose Books.
- 1997e, Hornborg, A., Landskapet som 'text'? Några funderingar kring ett stycke svensk skärgård. B. Svensson & K. Saltzman, eds., *Moderna landskap: Tradition och identifikation i svensk kulturmiljö*, pp.207-219. Natur och kultur .
- 1997d, Hornborg, A., La visión de Nordenskiöld sobre la difusión cultural transpacífica. J.Å. Alvarsson et al., eds., *Erland Nordenskiöld - investigador y amigo del indígena*, pp.155-170. Quito: Abya Yala.
- 1997c, Hornborg, A., Dual organisering, hierarki og firedelingslogik i Andes: en komparativ tilgang. *Tidsskriftet Antropologi* 35-36:89-100.
- 1997b, Hornborg, A., Review of P. Harries-Jones, 'A Recursive Vision: Gregory Bateson and Ecological Understanding.' *Ethnos* 62:147-149.
- 1997a, Hornborg, A., Miljökamp hos mi'kmaq: Identitet och politik. U. Dahre, ed., *Ursprungsbefolkningar och miljön*, pp.30-38. International Work Group for Indigenous Affairs.
- 1996d, Hornborg, A. & G. Pálsson, Nature and Society: A Contested Interface. *Lundalinjer* 114:43-57.
- 1996c, Hornborg, A., The Root of All Evil: Towards a Transdisciplinary Understanding of Accumulation. M. Rolén, ed., *Challenges in Environmental Human Dimensions Research: Some Swedish Perspectives*, pp.46-53. The Swedish Council for Planning and Coordination of Research.

- 1996b, Hornborg, A., Recension av C. Lindberg, 'Erland Nordenskiöld: En antropologisk biografi'. *Acta Americana* 4(1):68-74.
- 1996a, Hornborg, A., Ecology as Semiotics: Outlines of a Contextualist Paradigm for Human Ecology. P. Descola & G. Pálsson, eds., *Nature and Society: Anthropological Perspectives*, pp.45-62. Routledge.
- 1995e, Hornborg, A., Review of D. Steiner & M. Nauser, eds., 'Human Ecology: Fragments of Anti-Fragmentary Views of the World.' *Ecological Economics* 14:209-211.
- 1995d, Hornborg, A., Att få tala som en hövding: Om framväxten av en ny självbild hos mikmak. M. Kurkiala & H. Moksnes, ed., *Den obrutna cirkeln: Motstånd och överlevnad bland Amerikas indianer*, pp.157-183. Carlssons.
- 1995c, Hornborg, A., Hur kan samhället se på jordbrukets långsiktiga funktion ur ett globalt perspektiv? *Kungliga Skogs- och Lantbruksakademiens Tidskrift* 134(7):11-16.
- 1995b, Hornborg, A., Om vikten av att inte blunda för motsättningar i kretsloppsarbetet. *Humanekologi* 13(3-4):27-32.
- 1995a, Hornborg, A., Humanekologi som överlevnadsforskning. *Humanekologi* 13(3-4):49-57.
- 1994f, Hornborg, A., Encompassing Encompassment: Anthropology and the U-Turn of Modernity. *Ethnos* 59:232-247.
- 1994e, Hornborg, A., Orden som fjärrar oss: ekologi, mening och språk. *Lundaforskare föreläser* 26:107-113.
- 1994d, Hornborg, A., Antropologi som utsiktsplats och revolution. K. Århem, ed., *Den antropologiska erfarenheten*, pp.325-343. Carlssons.
- 1994c, Hornborg, A., Environmentalism, Ethnicity and Sacred Places: Reflections on Modernity, Discourse and Power. *Canadian Review of Sociology and Anthropology* 31:245-267.
- 1994b, Hornborg, A., Kultur, ekologi och hållbar utveckling: Lokal kunskap och det moderna förnuftets U-sväng. *Facta & Futura* 94(1):20-31.
- 1994a, Hornborg, A., Världssystem och helhetsperspektiv: Om ekonomi, teknologi och exergi. *Häftet för kritiska studier* 94(1):26-34.
- 1993f, Hornborg, A., Civilisation och självet. *Working Papers* 9:1-17. Department of Social Anthropology. University of Gothenburg.
- 1993e, Hornborg, A., Review of E. Croll & D. Parkin, 'Bush Base - Forest Farm: Culture Environment and Development.' *Ethnos* 58:394-396.
- 1993d, Hornborg, A., Review of S.R. Couch & J.S. Kroll-Smith, eds., 'Societies at Risk: Environmental Hazards and Technological Change.' *Anthropologica* 35:131-132.
- 1993c, Hornborg, A., Panoan Marriage Sections: A Comparative Perspective. *Ethnology* 32:101-108.
- 1993b, Hornborg, A., Environmentalism and Identity on Cape Breton: On the Social and Existential Conditions for Criticism. G. Dahl, ed., *Green Arguments and Local Subsistence*, pp.128-161. Stockholm.
- 1993a, Hornborg, A., Distinctions That Mystify: Technology Versus Economy and Other Fragmentations. *Knowledge and Policy* 6:37-45.
- 1992d, Hornborg, A., Inka. *Nationalencyklopedin* 9:467-469.
- 1992c, Hornborg, A., Indianer: Sydamerika. *Nationalencyklopedin* 9:393-394.
- 1992b, Hornborg, A., Det omöjliga steget. *Sjunde Bakvattnet* 1(1):8-14.

- 1992a, Hornborg, A., Machine Fetishism, Value and the Image of Unlimited Good: Towards a Thermodynamics of Imperialism. *Man (N.S.)* 27:1-18.
- 1991d, Hornborg, A., Fornamerikansk konst och arkitektur: Sydamerika. *Nationalencyklopedin* 6:512-513.
- 1991c, Hornborg, A., Nordenskiölds syn på transpacifisk diffusion. J.Å. Alvarsson, S. Brunius, S.E. Isacsson & Å. Hultcrantz, eds., *Erland Nordenskiöld: Forskare och indianvän*, pp.115-124. Carlssons.
- 1991b, Hornborg, A., Money and Meaning: Towards a Multi-centric Economy. J.C. Dragan, E.K. Seifert & M.C. Demetrescu, eds., *Entropy and Bioeconomics*, pp.311-321. Nagard.
- 1991a, Hornborg, A., Maskinen som komplott. *Tvärsnitt* 91(3):53-61.
- 1990, Hornborg, A., Highland and Lowland Conceptions of Social Space in South America: Some Ethnoarchaeological Affinities. *Folk* 32:61-92.
- 1989b, Hornborg, A., Imperialismens termodynamik. *Tvärsnitt* 89(4):32-41.
- 1989a, Hornborg, A., Stratification and Exchange in the Pre-Columbian Andes. *Ethnos* 54:217-228.
- *1988 [revised version of 1986a], Hornborg, A., *Dualism and Hierarchy in Lowland South America: Trajectories of Indigenous Social Organization*. Uppsala Studies in Cultural Anthropology 9. Almqvist & Wiksell International (304 pp).
- 1987b, Hornborg, A., Lineality in Two-Line Relationship Terminologies. *American Anthropologist* 89:454-456.
- 1987a, Hornborg, A., Review of P. Rivière, 'Individual and Society in Guiana: A Comparative Study of Amerindian Social Organization.' *Ethnos* 52:410-412.
- 1986b, Hornborg, A., Review of D. Sperber, 'On Anthropological Knowledge.' *Ethnos* 51:318-320.
- *1986a, Hornborg, A., *Dualism and Hierarchy in Lowland South America: Trajectories of Indigenous Social Organization*. PhD thesis. Department of Cultural Anthropology, Uppsala University.
- 1985b, Hornborg, A., Structural Congruities in Lowland South America: Trajectories of Dravidian Classification. *Antropologiska studier* 38/39:80-86.
- 1985a, Hornborg, A., Review of J. Offner, 'Law and Politics in Aztec Texcoco.' *Ethnos* 50:329-331.
- 1983, Hornborg, A., Dual Organization and Hierarchy in the Andes: A Model for the Logic of Village Quadripartition in the Pampas River Area of Peru. N. Fock, ed., *Hvad kan vi lære af andre kulturer?*, pp.194-203. Copenhagen: Institut for etnologi og antropologi.