



Universiteit
Leiden
The Netherlands

The archaeology of the first farmer-herders in Egypt : new insights into the Fayum Epipalaeolithic and Neolithic

Shirai, N.

Citation

Shirai, N. (2010, April 29). *The archaeology of the first farmer-herders in Egypt : new insights into the Fayum Epipalaeolithic and Neolithic*. *Archaeological Studies Leiden University*. Retrieved from <https://hdl.handle.net/1887/15339>

Version: Corrected Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/15339>

Note: To cite this publication please use the final published version (if applicable).

References

- Adachi, T., 1997. Typological analysis of the arrowheads of the Neolithic Levant, *Aoyama Historical Review* 15, 55-97.
- Alexandrowicz, S. W., 1986. Holozäne Molluskengemeinschaften von Qasr el-Sagha, *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 42, 25-34.
- Allen, M. J., 1991. Analysing the Landscape: A Geographical Approach to Archaeological Problems, in A. J. Schofield (ed.), *Interpreting Artefact Scatters: Contributions to Ploughzone Archaeology*, Oxbow Books, Oxford, 39-57.
- Anderson, P. C., 1999. Experimental Cultivation, Harvest, and Threshing of Wild Cereals: Their Relevance for Interpreting the Use of Epipalaeolithic and Neolithic Artefacts, in P. C. Anderson (ed.), *Prehistory of Agriculture: New Experimental and Ethnographic Approaches*, UCLA Institute of Archaeology, Los Angeles, 118-144.
- Anderson, P. C. (ed.), 1999. *Prehistory of Agriculture: New Experimental and Ethnographic Approaches*, UCLA Institute of Archaeology, Los Angeles.
- Andrefsky, W., Jr., 1994. Raw material availability and the organization of technology, *American Antiquity* 59/1, 21-34.
- Andrefsky, W., Jr., 1998. *Lithics: Macroscopic approaches to analysis*, Cambridge University Press, Cambridge.
- Anthony, D. W., 1990. Migration in Archaeology: The Baby and the Bathwater, *American Anthropologist* 92, 895-914.
- Anthony, D. W., 1997. Prehistoric migration as social process, in J. Chapman and H. Hamerow (eds.), *Migrations and Invasions in Archaeological Explanation*, Archaeopress, Oxford, 21-32.
- Aref, M. A. M., 2003. Classification and depositional environments of Quaternary pedogenic gypsum crusts (gypcrete) from east of the Fayum Depression, Egypt, *Sedimentary Geology* 155, 87-108.
- Arnold, J. E., 1993. Labor and the Rise of Complex Hunter-Gatherers, *Journal of Anthropological Archaeology* 12, 75-119.
- Arnold, J. E., 1996. The Archaeology of Complex Hunter-Gatherers, *Journal of Archaeological Method and Theory* 3, 77-126.
- Arz, H. W., F. Lamy, J. Pätzold, P. J. Müller and M. Prins, 2003. Mediterranean moisture source for an early-Holocene humid period in the northern Red Sea, *Science* 300, 118-122.
- Asouti, E., 2006. Beyond the Pre-Pottery Neolithic B interaction sphere, *Journal of World Prehistory* 20, 87-126.
- Atta, G. A. K., and W. J. Verheugt, 1992. Chapter 8: Fauna, in H. C. J. van Zon and K. W. Jeanes (eds.), *Environmental Profile Fayoum Governorate, Egypt*, Euroconsult/Darwish Consulting Engineers, Arnhem, 24-32.
- Baines, J., and J. Marek, 2000. *Cultural Atlas of Ancient Egypt*, Andromeda Books, Abingdon.
- Baird, D., 2001. Explaining technological change from the 7th to the 6th millennium bc in the southern Levant, in I. Caneva, C. Lemorini, D. Zampetti and P. Biagi (eds.), *Beyond Tools: Redefining the PPN Lithic Assemblages of the Levant*, ex oriente, Berlin, 319-331.
- Baker, P., and A. Gautier, 1997. Site E71K12 and the Late Palaeolithic Annual Round along the Nile in Upper Egypt, in F. Wendorf and R. Schild (eds.), *A Late Paleolithic Kill-Butchery Camp in Upper Egypt*, Southern Methodist University and Polish Academy of Sciences, 43-56.
- Ball, J., 1939. *Contributions to the Geography*

REFERENCES

- of Egypt, The Survey of Egypt, Cairo.
- Bamforth, D. B., 1986. Technological efficiency and tool curation, *American Antiquity* 51/1, 38-50.
- Banning, E. B., 2002. *Archaeological Survey*, Kluwer Academic/Plenum Publishers, New York.
- Barakat, H., 1990. Plant remains from El Omari, in F. Debono and B. Mortensen (eds.), *El Omari: A Neolithic settlement and other sites in the vicinity of Wadi Hof, Helwan*, Philipp von Zabern, Mainz am Rhein, 109-114.
- Barakat, H. N., 2002. Regional pathways to agriculture in Northeast Africa, in F. A. Hassan (ed.), *Droughts, Food and Culture: Ecological change and food security in Africa's later prehistory*, Kluwer Academic/Plenum Publishers, New York, 111-122.
- Barakat, H. N., and A. G. Fahmy, 1999. Wild grasses as 'Neolithic' Food Resources in the Eastern Sahara: A Review of Evidence from Egypt, in M. Van der Veen (ed.), *The Exploitation of Plant Resources in Ancient Africa*, Kluwer Academic/Plenum Publishers, New York, 33-46.
- Bard, K. A., 1989. Predynastic Settlement Patterns in the Hu-Semaineh Region, Egypt, *Journal of Field Archaeology* 16, 475-478.
- Bard, K. A., 2007. *An Introduction to the Archaeology of Ancient Egypt*, Blackwell Publishing, Oxford.
- Barich, B. E., 1996. Archaeology of Farafra (Western Desert, Egypt): Settlement patterns and implications for food production in the El Bahr-El Obeiyid Region, in G. Pwiti and R. Soper (eds.), *Aspects of African Archaeology: Papers from the 10th Congress of the Pan African Association for Prehistory and Related Studies*, University of Zimbabwe Publications, Harare, 401-409.
- Barich, B. E., and F. A. Hassan, 1987. The Farafra Oasis Archaeological Project (Western Desert, Egypt), *Origini* 8, 117-191.
- Barich, B. E., and F. A. Hassan, 2000. A stratified sequence from Wadi el-Obeiyd, Farafra: new data on subsistence and chronology of the Egyptian Western Desert, in L. Krzyzaniak, K. Kroeper and M. Kobusiewicz (eds.), *Recent Research into the Stone Age of Northeastern Africa*, Poznan Archaeological Museum, Poznan, 11-20.
- Barich, B., F. A. Hassan and A. Stoppiello, 1996. Farafra Oasis between the Sahara and the Nile, in L. Krzyzaniak, K. Kroeper and M. Kobusiewicz (eds.), *Interregional Contacts in the Later Prehistory of Northeastern Africa*, Poznan Archaeological Museum, Poznan, 71-79.
- Barich, B. E., and G. Lucarini, 2002. Archaeology of Farafra Oasis (Western Desert, Egypt): A Survey of the most recent research, *Archéo-Nil* 12, 101-108.
- Barich, B. E., and G. Lucarini, 2005. L'interazione pastori/agricoltori e le dinamiche del deserto occidentale egiziano, *Origini* 27, 51-77.
- Barich, B. E., and G. Lucarini, 2008. The Nile Valley seen from the oases: The contribution of Farafra, in B. Midant-Reynes and Y. Tristant (eds.), *Egypt at Its Origins 2*, Peeters, Leuven, 569-584.
- Barkai, R., 2002. Toward a methodology of Neolithic and Chalcolithic bifacial tool analysis, *Neo-Lithics* 1/02, 3-8.
- Barkai, R., 2005. *Flint and Stone Axes as Cultural Markers: Socio-Economic Changes as Reflected in Holocene Flint Industries of the Southern Levant*, ex oriente, Berlin.
- Barkai, R., and R. Yerkes, 2008. Stone axes as cultural markers: technological, functional and symbolic changes in bifacial tools during the transition from hunter-gatherers to sedentary agriculturalists in the southern Levant, in L. Longo and N. Skakun (eds.), *'Prehistoric Technology' 40 years later: Functional Studies and the Russian Legacy*, Archaeopress, Oxford, 159-167.
- Barker, G., 2003. Transition to Farming and Pastoralism in North Africa, in P. Bellwood and C. Renfrew (eds.), *Examining the farming/language dispersal hypothesis*, McDonald Institute for Archaeological Research, Cambridge, 151-162.
- Barker, G., 2006. *The Agricultural Revolution in Prehistory: Why did foragers become farmers?* Oxford University Press, Oxford.

REFERENCES

- Bar-Yosef, O., 1981a. The Pre-Pottery Neolithic period in the southern Levant, in J. Cauvin and P. Sanlaville (eds.), *Préhistoire du Levant: Chronologie et organisation de l'espace depuis les origines jusqu'au VIe millénaire*, Éditions du CNRS, Paris, 555-569.
- Bar-Yosef, O., 1981b. Pre-Pottery Neolithic Sites in Southern Sinai, *Biblical Archaeologist* 45, 9-12.
- Bar-Yosef, O., 1984. Seasonality among Neolithic hunter-gatherers in Southern Sinai, in J. Clutton-Brock and C. Grigson (eds.), *Animal and Archaeology 3: Early Herders and Their Flocks*, BAR, Oxford, 145-160.
- Bar-Yosef, O., 2001. Lithics and the social geographic configurations identifying Neolithic tribes in the Levant, in I. Caneva, C. Lemorini, D. Zampetti and P. Biagi (eds.), *Beyond Tools: Redefining the PPN Lithic Assemblages of the Levant*, ex oriente, Berlin, 437-448.
- Bar-Yosef, O., 2002a. Early Egypt and the Agricultural Dispersals, in H. G. K. Gebel, B. D. Hermansen and C. H. Jensen (eds.), *Magic Practices and Ritual in the Near Eastern Neolithic*, ex oriente, Berlin, 49-65.
- Bar-Yosef, O., 2002b. The Role of the Younger Dryas in the Origin of Agriculture in West Asia, in Y. Yasuda (ed.), *The Origins of Pottery and Agriculture*, Roli Books, New Delhi, 39-54.
- Bar-Yosef, O., 2003. The Natufian Culture and the Early Neolithic: Social and Economic Trends in Southwestern Asia, in P. Bellwood and C. Renfrew (eds.), *Examining the farming/language dispersal hypothesis*, McDonald Institute for Archaeological Research, Cambridge, 113-126.
- Bar-Yosef, O., 2004. Targets of Current Neolithic Research in Southwestern Asia, *Neo-Lithics* 1/04, 24-27.
- Bar-Yosef Mayer, D. E., 1997. Neolithic Shell Bead Production in Sinai, *Journal of Archaeological Science* 24/2, 97-111.
- Bar-Yosef, O., and D. E. Bar-Yosef Mayer, 2002. Early Neolithic Tribes in the Levant, in W. A. Parkinson (ed.), *The Archaeology of Tribal Societies*, International Monographs in Prehistory, Ann Arbor, 340-371.
- Bar-Yosef, O., and A. Belfer-Cohen, 1989. The Levantine PPNB Interaction Sphere, in I. Hershkovitz (ed.), *People and Culture in Change: Symposium on Upper Palaeolithic, Mesolithic and Neolithic Populations of Europe and the Mediterranean Basin*, BAR International, Oxford, 59-72.
- Bar-Yosef, O., and A. Belfer-Cohen, 2002. Facing environmental crisis: Societal and cultural changes at the transition from the Younger Dryas to the Holocene in the Levant, in R. T. J. Cappers and S. Bottema (eds.), *The Dawn of Farming in the Near East*, ex oriente, Berlin, 55-66.
- Bar-Yosef, O. and R. H. Meadow, 1995. The Origin of Agriculture in the Near East, in T. D. Price and A. B. Gebauer (eds.), *Last Hunters, First Farmers: New perspectives on the prehistoric transition to agriculture*, School of American Research Press, Santa Fe, 39-94.
- Beadnell, H. J. L., 1905. *The Topography and Geology of the Fayum Province of Egypt*, National Printing Department, Cairo.
- Beck, C., A. K. Taylor, G. T. Jones, C. M. Fadem, C. R. Cook and S. A. Millward, 2002. Rocks are heavy: transport costs and Paleoarchaic quarry behavior in the Great Basin, *Journal of Anthropological Archaeology* 21, 481-507.
- Beck, F., and P. Amiet (eds.), 1982. *Archeologie comparee: Afrique et Europe occidentale et centrale. Catalogue sommaire illustrei des collections du Musei des antiquités nationales de Saint-Germain-en-Laye, 1*, Réunion des museies nationaux, Paris.
- Becker, M., and F. Wendorf, 1993. A Microwave Study of a Late Pleistocene Qadan Assemblage from Southern Egypt, *Journal of Field Archaeology* 20, 389-398.
- Bellwood, P., 2005. *First Farmers: The Origin of Agricultural Societies*, Blackwell, Oxford.
- Bender, B., 1978. Gatherer-hunter to farmer: A social perspective, *World Archaeology* 10, 204-222.
- Bettinger, R. L., 1991. *Hunter-Gatherers: Archaeological and Evolutionary Theory*, Plenum Press, New York.

REFERENCES

- Bettinger, R. L., 2001. Holocene Hunter-Gatherers, in G. M. Feinman and T. D. Price (eds.), *Archaeology at the Millennium: A Sourcebook*, Kluwer Academic/Plenum Publishers, New York, 137-195.
- Bettinger, R. L., 2006. Agriculture, Archaeology, and Human Behavioral Ecology, in D. J. Kennett and B. Winterhalder (eds.), *Behavioral Ecology and the Transition to Agriculture*, University of California Press, Berkeley, 304-322.
- Betts, A., 2008. Things to do with sheep and goats: Neolithic hunter-forager-herders in North Arabia, in H. Barnard and W. Wendrich (eds.), *The Archaeology of Mobility: Old World and New World Nomadism*, Cotsen Institute of Archaeology at UCLA, Los Angeles, 25-42.
- Binford, L. R., 1978. Dimensional Analysis of Behavior and Site Structure: Learning from an Eskimo Hunting Stand, *American Antiquity* 43/3, 330-361.
- Binford, L. R., 1979. Organization and Formation Processes: Looking at curated technologies, *Journal of Anthropological Research* 35, 255-273.
- Binford, L. R., 1980. Willow smoke and dogs' tails: hunter-gatherer settlement systems and archaeological site formation, *American Antiquity* 45/1, 4-20.
- Binford, L. R., 1982. The Archaeology of Place, *Journal of Anthropological Archaeology* 1, 5-31.
- Bintliff, J., 1991. The contribution of an *Annaliste*/structural history approach to archaeology, in J. Bintliff (ed.), *The Annales School and Archaeology*, Leicester University Press, London, 1-33.
- Bintliff, J., 2000. The concepts of 'site' and 'offsite' archaeology in surface artefact survey, in M. Pasquinucci and F. Trément (eds.), *Non-Destructive Techniques Applied to Landscape Archaeology*, Oxbow Books, Oxford, 200-215.
- Bintliff, J., 2003. Searching for Structure in the Past – or Was it 'One Damn Thing after Another'? in R. A. Bentley and H. D. G. Maschner (eds.), *Complex Systems and Archaeology: Empirical and Theoretical Applications*, The University of Utah Press, Salt Lake City, 79-83.
- Bintliff, J., 2004. Time, Structure and Agency: The Annales, Emergent Complexity and Archaeology, in J. Bintliff (ed.), *A Companion to Archaeology*, Blackwell Publishing, Oxford, 174-194.
- Bird, D. W., and J. F. O'Connell, 2006. Behavioral Ecology and Archaeology, *Journal of Archaeological Research* 14, 143-188.
- Bleed, P., 1986. The optimal design of hunting weapons: maintainability or reliability, *American Antiquity* 51/4, 737-747.
- Bliege Bird, R., and E. A. Smith, 2005. Signaling Theory, Strategic Interaction, and Symbolic Capital, *Current Anthropology* 46/2, 221-248.
- Bloxam, E., and T. Haldal, 2007. The industrial landscape of the Northern Faiyum Desert as a World Heritage Site: modelling the 'outstanding universal value' of third millennium bc stone quarrying in Egypt, *World Archaeology* 39/3, 305-323.
- Boessneck, J., 1969. Osteological differences between sheep (*Ovis aries Linnei*) and goats (*Capra hircus Linnei*), in D. Brothwell and E. Higgs (eds.), *Science in archaeology: a survey of progress and research*, Thames and Hudson, London, 331-358.
- Boessneck, J., and A. von den Driesch, 1990. Tierreste aus der vorgeschichtlichen Siedlung von El-Omari bei Heluan/Unterägypten, in F. Debono and B. Mortensen (eds.), *El Omari: A Neolithic settlement and other sites in the vicinity of Wadi Hof, Helwan*, Philipp von Zabern, Mainz am Rhein, 99-107.
- Bogucki, P., 1999. *The Origins of Human Society*, Blackwell, Oxford.
- Bolten, A., and O. Bubbenzer, 2007. Watershed analysis in the Western Desert of Egypt, in O. Bubbenzer, A. Bolten and F. Darius (eds.), *Atlas of Cultural and Environmental Change in Arid Africa*, Heinrich Barth Institut, Köln, 22-23.
- Bornkamm, R., and H. Kehl, 1990. The plant communities of the Western Desert of Egypt, *Phytocoenologia* 19/2, 149-231.
- Boulos, S. T., 1992. Chapter 7: Flora, in H. C. J.

REFERENCES

- van Zon and K. W. Jeanes (eds.), *Environmental Profile Fayoum Governorate, Egypt*, Euroconsult/Darwish Consulting Engineers, Arnhem, 20-24.
- Bousman, C. B., 1993. Hunter-gatherer adaptations, economic risk and tool design, *Lithic Technology* 18, 59-86.
- Braun, E., and E. C. M. van den Brink, 2008. Appraising South Levantine-Egyptian interaction: Recent discoveries from Israel and Egypt, in B. Midant-Reynes and Y. Tristant (eds.), *Egypt at Its Origins 2*, Peeters, Leuven, 643-688.
- Brewer, D. J., 1989a. A model for resource exploitation in the prehistoric Fayum, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Later Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 127-137.
- Brewer, D. J., 1989b. *Fishermen, Hunters and Herders: Zooarchaeology in the Fayum, Egypt (ca. 8200-5000 bp)*, BAR International, Oxford.
- Brézillon, M. N., 1968. *La dénomination des objets de pierre taillée: Matériaux pour un vocabulaire des préhistoriens de langue française*, CNRS, Paris.
- Bright, J., A. Ugan and L. Hunsaker, 2002. The effect of handling time on subsistence technology, *World Archaeology* 34/1, 164-181.
- Bronk Ramsey, C., 1995. Radiocarbon calibration and analysis of stratigraphy: The OxCal program, *Radiocarbon* 37(2), 425-430.
- Bronk Ramsey, C., 2001. Development of the radiocarbon calibration program OxCal, *Radiocarbon* 43(2A), 355-363.
- Brookes, I. A., 2003. Geomorphic indicators of Holocene winds in Egypt's Western Desert, *Geomorphology* 56, 155-166.
- Bubbenzer, O., A. Hilgers and H. Riemer, 2007. Luminescence dating and archaeology of Holocene fluvio-lacustrine sediments of Abu Tartur, Eastern Sahara, *Quaternary Geochronology* 2, 314-321.
- Bubbenzer, O., and H. Riemer, 2007. Holocene climatic change and human settlement between the central Sahara and the Nile Valley: Archaeological and geomorphological results, *Geoarchaeology* 22/6, 607-620.
- Bussemer, S., K. Rögner, T. Mayer and J. Michel, 2006. Gypsum and gypsum crusts (gypcretes) at the rims of the Faiyum Depression (Egypt): Results concerning matter and paleoclimatic conditions, in *Proceedings of the International Conference: Soil and Desertification -Integrated Research for the Sustainable Management of Soils in Drylands, 5-6 May 2006, Hamburg, Germany*, <http://www.desertnet.de/proceedings/start.htm>.
- Butzer, K. W., 1976. *Early Hydraulic Civilization in Egypt: A Study in Cultural Ecology*, University of Chicago Press, Chicago.
- Butzer, K. W., 1984. Long-term Nile flood variation and political discontinuities in Pharaonic Egypt, in J. D. Clark and S. A. Brandt (eds.), *From Hunters to Farmers: The Causes and Consequences of Food Production in Africa*, University of California Press, Berkeley, 102-112.
- Butzer, K. W., 1998. Late Quaternary problems of the Egyptian Nile: Stratigraphy, environments, prehistory, *Paleorient* 23/2, 151-173.
- Byrd, B. F., 1992. The dispersal of food production across the Levant, in A. B. Gebauer and T. D. Price (eds.), *Transition to Agriculture in Prehistory*, Prehistory Press, Madison, 49-61.
- Cagle, A., 1994. *University of Washington 1994 Fayum Project: NARCE Report*, The American Research Center in Egypt, <http://www.acagle.net/fayum94/narce.html>.
- Caneva, I., 1970. I crescenti litici del Fayum, *Origini* 4, 161-204.
- Cappers, R. T. J., 2006. The reconstruction of agricultural practices in Ancient Egypt: An ethnoarchaeobotanical approach, *Palaeohistoria* 47/48, 429-446.
- Cappers, R. T. J., and S. Bottema (eds.), 2002. *The Dawn of Farming in the Near East, ex oriente*, Berlin.
- Casey, J., 1998. Just a Formality: The Presence of Fancy Projectile Points in a Basic Tool

REFERENCES

- Assemblage, in S. Kent (ed.), *Gender in African Prehistory*, AltaMira Press, Walnut Creek, 83-103.
- Cashdan, E., 1992. Spatial Organization and Habitat Use, in E. A. Smith and B. Winterhalder (eds.), *Evolutionary Ecology and Human Behavior*, Aldine de Gruyter, New York, 237-266.
- Casini, M., 1984. Neolithic and Predynastic in the Fayum, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Origin and Early Development of Food-Producing Cultures in North-Eastern Africa*, Poznan Archaeological Museum, Poznan, 199-204.
- Caton-Thompson, G., 1952. *The Kharga Oasis in Prehistory*, The Ashlone Press, London.
- Caton-Thompson, G., and E. W. Gardner, 1934. *The Desert Fayum*, The Royal Anthropological Institute of Great Britain and Ireland, London.
- Caton-Thompson, G., E. W. Gardner and S. A. Huzayyin, 1937. Lake Moeris: Re-investigations and some comments, *Bulletin de l'Institut Égypte* 19, 243-303.
- Cauvin, M. C., 1974. Haches à encoches de Syrie: essai d'interprétation culturelle, *Paléorient* 2/2, 311-322.
- Cauvin, J., 2000a. *The Birth of the Gods and the Origins of Agriculture*, Cambridge University Press, Cambridge.
- Cauvin, J., 2000b. The Symbolic Foundations of the Neolithic Revolution in the Near East, in I. Kuijt (ed.), *Life in Neolithic Farming Communities: Social Organization, Identity, and Differentiation*, Kluwer Academic/Plenum Publishers, New York, 235-251.
- Chatters, J. C., 1987. Hunter-Gatherer Adaptations and Assemblage Structure, *Journal of Anthropological Archaeology* 6, 336-375.
- Cheshier, J., and R. L. Kelly, 2006. Projectile point shape and durability: The effect of thickness: length, *American Antiquity* 71/2, 353-363.
- Christenson, A. L., 1997. Side-Notched and Unnotched Arrowpoints: Assessing Functional Differences, in H. Knecht (ed.), *Projectile Technology*, Plenum, New York, 131-142.
- Churcher, C. S., 1999a. The Neolithic fauna from archaeological contexts in Dakhleh Oasis, Egypt, in I. Plug (ed.), *Archaeozoology in Africa*, Editions La Pensée Sauvage, Grenoble, 47-54.
- Churcher, C. S., 1999b. Holocene Faunas of the Dakhleh Oasis, in C. S. Churcher and A. J. Mills (eds.), *Reports from the Survey of the Dakhleh Oasis, Western Desert of Egypt 1977-1987*, Oxbow Books, Oxford, 133-151.
- Churcher, C. S., M. R. Kleindienst and H. P. Schwarcz, 1999. Faunal remains from a Middle Pleistocene lacustrine marl in Dakhleh Oasis, Egypt: palaeoenvironmental reconstructions, *Palaeogeography, Palaeoclimatology, Palaeoecology* 154, 301-312.
- Churcher, C. S., M. R. Kleindienst, M. F. Wiseman and M. M. A. McDonald, 2008. The Quaternary Faunas of Dakhleh Oasis, Western Desert of Egypt, in M. F. Wiseman (ed.), *The Oasis Papers 2: Proceedings of the Second International Conference of the Dakhleh Oasis Project*, Oxbow Books, Oxford, 1-24.
- Clark, G. A., 1994. Migration as an explanatory concept in Paleolithic archaeology, *Journal of Archaeological Method and Theory* 1/4, 305-343.
- Clark, J. D., 1971. A Re-examination of the Evidence for Agricultural Origins in the Nile Valley, *Proceedings of the Prehistoric Society* 37, 34-79.
- Clark, J. D., 1980. Human populations and cultural adaptations in the Sahara and Nile during prehistoric times, in M. Williams and H. Faure (eds.) *The Sahara and the Nile: Quaternary Environments and Prehistoric Occupation in Northern Africa*, Balkema, Rotterdam 527-582.
- Close, A. E., 1984. Report on Site E-80-1, in F. Wendorf, R. Schild and A. E. Close (eds.), *Cattle-Keeper of the Eastern Sahara: The Neolithic of Bir Kiseiba*, South Methodist University Press, Dallas, 251-297.
- Close, A. E., 1990. Living on the edge: Neolithic herders in the eastern Sahara, *Antiquity* 64, 79-96.

REFERENCES

- Close, A. E., 1992. Holocene Occupation of the Eastern Sahara, in F. Klees and R. Kuper (eds.), *New Light on the Northeast African Past*, Heinrich Barth Institut, Köln, 156-183.
- Close, A. E., 1995. Few and far between: early ceramics in North Africa, in W. K. Barnett and J. W. Hoopes (eds.), *The Emergence of Pottery: Technology and Innovation in Ancient Societies*, Smithsonian Institution Press, Washington DC, 23-37.
- Close, A. E., 1996a. Carry that weight: The use and transportation of stone tools, *Current Anthropology* 37/3, 545-553.
- Close, A. E., 1996b. Plus Ça Change: The Pleistocene-Holocene Transition in Northeast Africa, in L. G. Straus, B. V. Eriksen, J. M. Erlandson and D. R. Yesner (eds.), *Humans at the End of the Ice Age: The Archaeology of the Pleistocene-Holocene Transition*, Plenum Press, New York, 43-60.
- Close, A. E., 1999. Distance and decay: an uneasy relationship, *Antiquity* 73, 24-32.
- Close, A. E., 2002a. Backed bladelets are a foreign country, in R. G. Elston and S. L. Kuhn (eds.), *Thinking Small: Global Perspectives on Microlithization*, American Anthropological Association, Arlington, 31-44.
- Close, A. E., 2002b. Sinai, Sahara, Sahel: The introduction of domestic caprines to Africa, in Jennerstrasse 8 (eds.), *Tides of the Desert: Contributions to the Archaeology and Environmental History of Africa in Honour of Rudolph Kuper*, Heinrich Barth Institut, Köln, 459-469.
- Close, A. E., and F. Wendorf, 1992. The Beginnings of Food Production in the Eastern Sahara, in A. B. Gebauer and T. D. Price (eds.), *Transitions to Agriculture in Prehistory*, Prehistory Press, Madison, 63-72.
- Cohen, M., 1977. *The Food Crisis in Prehistory: Overpopulation and the Origins of Agriculture*, Yale University Press, New Haven.
- Colledge, S., J. Conolly and S. Shennan, 2004. Archaeobotanical Evidence for the Spread of Farming in the Eastern Mediterranean, *Current Anthropology* 45, 35-58.
- Cordova, C. E., 2007. *Millennial Landscape Change in Jordan: Geoarchaeology and Cultural Ecology*, The University of Arizona Press, Tucson.
- Cowan, C. W., and P. J. Watson (eds.), 1992. *The Origins of Agriculture: An International Perspective*, Smithsonian Institution Press, Washington.
- Crevaschi, M., and S. Di Lernia, 1999. Holocene Climatic Changes and Cultural Dynamics in the Libyan Sahara, *African Archaeological Review* 16/4, 210-238.
- Currelly, C. T., 1913. *Catalogue Général des Antiquités Égyptiennes du Musée du Caire Nos. 63001-64906: Stone Implements*, Imprimerie de l'Institut Français d'Archéologie Orientale, Le Caire.
- Cziesla, E., 1989. Sitra and related sites at the western border of Egypt, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Late Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 205-214.
- Dagnan-Ginter, A., B. Ginter, J. K. Kozłowski, M. Pawlikowski and J. Sliwa, 1984. Excavations in the region of Qasr el-Sagha, 1981: Contribution to the Neolithic period, Middle Kingdom settlement and chronological sequences in the northern Fayum desert, *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 40, 33-102.
- Darius, F., and S. Nussbaum, 2007. In search of the bloom: plants as witnesses to the humid past, in O. Bubenzer, A. Bolten and F. Darius (eds.), *Atlas of Cultural and Environmental Change in Arid Africa*, Heinrich Barth Institut, Köln, 78-81.
- David, N., and C. Kramer, 2001. *Ethnoarchaeology in Action*, Cambridge University Press, Cambridge.
- Dayan, T., E. Tchernov, O. Bar-Yosef and Y. Yom-Tov, 1986. Animal exploitation in Ujrat el-Mehed, a Neolithic site in Southern Sinai, *Paléorient* 12/2, 105-116.
- Debono, F., and B. Mortensen, 1990. *El Omari: A Neolithic Settlement and Other Sites in the Vicinity of Wadi Hof, Helwan*, Philipp von Zabern, Mainz am Rhein.

REFERENCES

- de Morgan, J. J. M., 1896. *Recherches sur les origines de l'Égypte: l'âge de la pierre et les métaux*, Leroux, Paris.
- de Morgan, J. J. M., 1926. *La préhistoire orientale, tome II: L'Égypte et l'Afrique du Nord*, Geuthner, Paris.
- Dobres, M-A., and C. Hoffman, 1994. Social Agency and the Dynamics of Prehistoric Technology, *Journal of Archaeological Method and Theory* 1, 211-258.
- Donahue, R., 1992. Desperately Seeking Ceres: A Critical Examination of Current Models for the Transition to Agriculture in Mediterranean Europe, in A. B. Gebauer and T. D. Price (eds.), *Transitions to Agriculture in Prehistory*, Prehistory Press, Madison, 73-80.
- Dorst, J., and P. Dandelot, 1970. *A Field Guide to the Larger Mammals of Africa*, Collins, London.
- Ducassou, E., T. Mulder, S. Migeon, E. Gonthier, A. Murat, M. Revel, L. Capotondi, S. M. Bernasconi, J. Mascle and S. Zaragosi, 2008. Nile floods recorded in deep Mediterranean sediments, *Quaternary Research* 70, 382-391.
- Dunnell, R. C., and W. S. Dancey, 1983. The Siteless Survey: A Regional Scale Data Collection Strategy, *Advance in Archaeological Method and Theory* 6, 267-287.
- Dyson-Hudson, R., and E. A. Smith, 1978, Human Territoriality: An Ecological Reassessment, *American Anthropologist* 80, 21-41.
- Eiwanger, J., 1983. Die Entwicklung der vorgeschichtlichen Kultur in Ägypten, in J. Assmann and G. Burkard (eds.), *5000 Jahre Ägypten: Genese und Permanenz Pharaonischer Kunst*, IS Edition, Heidelberg, 61-74.
- Eiwanger, J., 1984. *Merimde-Benisalâme I: Die Funde der Urschicht*, Philipp von Zabern, Mainz am Rhein.
- Eiwanger, J., 1987. Die Archäologie der späten Vorgeschichte: Bestand und Perspektiven, in J. Assmann and G. Burkard (eds.), *Problems and Priorities in Egyptian Archaeology*, Kegan Paul, London, 81-103.
- Eiwanger, J., 1988. *Merimde-Benisalâme II: Die Funde der mittleren Merimdekultur*, Philipp von Zabern, Mainz am Rhein.
- Eiwanger, J., 1992. *Merimde-Benisalâme III: Die Funde der jüngeren Merimdekultur*, Philipp von Zabern, Mainz am Rhein.
- El-Moslimany, A. P., 1994. Evidence of Early Holocene summer precipitation in the continental Middle East, in O. Bar-Yosef and R. S. Kra (eds.), *Late Quaternary Chronology and Paleoclimates of the Eastern Mediterranean*, Braun-Brumfield, Ann Arbor, 121-130.
- Ellis, C. J., 1997. Factors Influencing the Use of Stone Projectile Tips: An Ethnographic Perspective, in H. Knecht (ed.), *Projectile Technology*, Plenum, New York, 37-74.
- Fahmy, A. G. E., 2001. Palaeoethnobotanical studies of the Neolithic settlement in Hidden Valley, Farafra Oasis, Egypt, *Vegetation History and Archaeobotany* 10, 235-246.
- Fahmy, A. G. E., 2005. Missing plant macro remains as indicators of plant exploitation in Predynastic Egypt, *Vegetation History and Archaeobotany* 14, 287-294.
- Faltings, D. A., 2002. The Chronological Frame and Social Structure of Buto in the Fourth Millennium BCE, in E. C. M. van den Brink and T. E. Levy (eds.), *Egypt and the Levant: Interrelations from the 4th through the Early 3rd Millennium B.C.E.*, Leicester University Press, London, 163-170.
- Fitzhugh, B., 2001. Risk and Invention in Human Technological Evolution, *Journal of Anthropological Archaeology* 20, 125-167.
- Flannery, K., 1973. The Origins of Agriculture, *Annual Review of Anthropology* 2, 271-310.
- Fontugne, M., M. Arnold, L. Labeyrie, M. Paterne, S. E. Calvert and J.-C. Duplessy, 1994. Paleoenvironment, sapropel chronology and Nile river discharge during the last 20000 years as indicated by deep-sea sediment record in the Eastern Mediterranean, in O. Bar-Yosef and R. S. Kra (eds.), *Late Quaternary Chronology and Paleoclimates of the Eastern Mediterranean*, Braun-Brumfield, Ann Arbor, 75-88.
- Gabriel, B., 1987. Palaeoecological evidence from Neolithic fireplaces in the Sahara, *The*

REFERENCES

- African Archaeological Review* 5, 93-103.
- Gabriel, B., 2002. Neolithic Camp Sites in the Sahara: Anticipation of Future Research, in Jennerstrasse 8 (eds.), *Tides of the Desert: Contributions to the Archaeology and Environmental History of Africa in Honour of Rudolph Kuper*, Heinrich Barth Institut, Köln, 27-40.
- Galili, E., M. Weinstein-Evron and A. Ronen, 1988. Holocene sea-level changes based on submerged archaeological sites off the northern Carmel coast in Israel, *Quaternary Research* 29, 36-42.
- Galili, E., D. Zviely and M. Weinstein-Evron, 2005. Holocene sea-level changes and landscape evolution on the northern Carmel coast (Israel), *Méditerranée* 104, 79-86.
- Garcea, E. A. A., 2004. An Alternative Way towards Food Production: The Perspective from the Libyan Sahara, *Journal of World Prehistory* 18/2, 107-154.
- Garcea, E. A. A., 2006. Semi-permanent foragers in semi-arid environments of North Africa, *World Archaeology* 38/2, 197-219.
- Gardner, E. W., 1932. *Some Lacustrine Mollusca from the Faiyum Depression: A Study in Variation*, L'Institut Français d'Archeologie Orientale, Cairo.
- Garfinkel, Y., 1993. The Yarmukian Culture in Israel, *Paléorient* 19/1, 115-134.
- Garfinkel, Y., 1999. *Neolithic and Chalcolithic Pottery of the Southern Levant*, Keterpress Enterprises, Jerusalem.
- Garfinkel, Y., 2008. The chronology of the eighth millennium BP, in Y. Garfinkel and D. Dag (eds.), *Neolithic Ashkelon*, Old City Press, Jerusalem.
- Garrard, A. N., 1998. Environment and cultural adaptations in the Azraq Basin: 24,000-7,000 BP, in D. O. Henry (ed.), *The Prehistoric Archaeology of Jordan*, Archaeopress, Oxford, 139-148.
- Garrard, A., S. Colledge and L. Martin, 1996. The emergence of crop cultivation and caprine herding in the Marginal Zone of the southern Levant, in D. R. Harris (ed.), *The origins and spread of agriculture and pastoralism in Eurasia*, UCL Press, London, 204-226.
- Gasse, F., 2000. Hydrological changes in the African tropics since the Last Glacial Maximum, *Quaternary Science Reviews* 19, 189-211.
- Gautier, A., 1976a. Freshwater mollusks and mammals from Upper Palaeolithic sites near Idfu and Isna, in F. Wendorf and R. Schild (eds.), *Prehistory of the Nile Valley*, Academic Press, New York, 349-364.
- Gautier, A., 1976b. Animal remains from archaeological sites of Terminal Paleolithic to Old Kingdom age in the Fayum, in F. Wendorf and R. Schild (eds.), *Prehistory of the Nile Valley*, Academic Press, New York, 369-381.
- Gautier, A., 1978. La faune de vertébrés des sites épipaléolithiques d'Elkab, in P. M. Vermeersch (ed.), *Elkab II: Epipaléolithique de la vallée du Nil égyptien*, Leuven University Press, Leuven, 103-114.
- Gautier, A., 1984. Archaeozoology of the Bir Kiseiba region, Eastern Sahara, in F. Wendorf, R. Schild and A. E. Close (eds.), *Cattle-Keepers of the Eastern Sahara: The Neolithic of Bir Kiseiba*, South Methodist University Press, Dallas, 49-72.
- Gautier, A., 1988. L'exploitation saisonnière des ressources animales pendant le paléolithique supérieur dans la vallée du Nil égyptien, *Anthropozoologica*, numéro spécial 2, 23-26.
- Gautier, A., 1989. A general review of the known prehistoric faunas of the Central Sudanese Nile Valley, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Later Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 353-357.
- Gautier, A., 1993a. The Middle Paleolithic archaeofaunas from Bir Tarfawi (Western Desert, Egypt), in F. Wendorf, R. Schild and A. E. Close (eds.), *Egypt during the Last Interglacial: The Middle Paleolithic of Bir Tarfawi and Bir Sahara East*, Plenum Press, New York, 121-143.
- Gautier, A., 1993b. The faunal spectrum of the Middle Paleolithic in Bir Tarfawi (Western Desert, Egypt), in L. Krzyzaniak, M. Kobusiewicz and J. Alexander (eds.), *Environmental Change and Human Culture*

REFERENCES

- in the Nile Basin and Northern Africa until the Second Millennium B.C.*, Poznan Archaeological Museum, Poznan, 123-127.
- Gautier, A., 2001. The Early to Late Neolithic Archeofaunas from Nabta and Bir Kiseiba, in F. Wendorf and R. Schild (eds.), *Holocene Settlement of the Egyptian Sahara, volume 1: The Archaeology of Nabta Playa*, Kluwer Academic/Plenum Publishers, New York, 609-635.
- Gautier, A. 2002. The Evidence for the Earliest Livestock in North Africa: Or adventures with large bovinds, ovicaprids, dogs and pigs, in F. A. Hassan (ed.), *Droughts, Food and Culture: Ecological change and food security in Africa's later prehistory*, Kluwer Academic/Plenum Publishers, New York, 195-207.
- Gautier, A., 2007. Animal domestication in North Africa, in M. Bollig, O. Bubbenzer, R. Vogelsang and H.-P. Wotzka (eds.), *Aridity, Change and Conflict in Africa*, Heinrich Barth Institut, Köln, 75-89.
- Gautier, A., and W. Van Neer, 1989. Animal Remains from the Late Palaeolithic Sequence at Wadi Kubbania, in F. Wendorf, R. Schild and A. E. Close (eds.), *The Prehistory of Wadi Kubbania, vol. 2: Stratigraphy, Paleoecology and Environment*, Southern Methodist University Press, Dallas, 119-161.
- Gebauer, A. B., and T. D. Price, 1992. Foragers to Farmers: An Introduction, in A. B. Gebauer and T. D. Price (eds.), *Transitions to Agriculture in Prehistory*, Prehistory Press, Madison, 1-10.
- Gebauer, A. B., and T. D. Price (eds.), 1992. *Transitions to Agriculture in Prehistory*, Prehistory Press, Madison.
- Gebel, H. G. K., 2002. The Neolithic of the Near East: An essay on a 'Polycentric Evolution' and other current research problems, in A. Hausleiter, S. Kerner and B. Müller-Neuhof (eds.), *Material Culture and Mental Spheres*, Ugarit Verlag, Münster, 313-324.
- Gebel, H. G. K., 2004. There was no center: The polycentric evolution of the Near Eastern Neolithic, *Neo-Lithics* 1/04, 28-32.
- Gehlen, B., K. Kindermann, J. Linstädter and H. Riemer, 2002. The Holocene Occupation of the Eastern Sahara: Regional Chronologies and Supra-regional Developments in Four Areas of the Absolute Desert, in Jennerstrasse 8 (eds.), *Tides of the Desert: Contributions to the Archaeology and Environmental History of Africa in Honour of Rudolph Kuper*, Heinrich Barth Institut, Köln, 85-116.
- Gifford-Gonzalez, D., 1991. Bones are not enough: Analogues, Knowledge, and Interpretive Strategies in Zooarchaeology, *Journal of Anthropological Archaeology* 10, 215-254.
- Gifford-Gonzalez, D., K. M. Stewart and N. Rybczynski, 1999. Human Activities and Site Formation at Modern Lake Margin Foraging Camps in Kenya, *Journal of Anthropological Archaeology* 18, 397-440.
- Gingerich, P. D., 1993. Oligocene age of the Gebel Qatrani Formation, Fayum, Egypt, *Journal of Human Evolution* 24, 207-218.
- Ginter, B., and J. K. Kozłowski, 1983. Investigations on Neolithic settlement, in J. K. Kozłowski (ed.), *Qasr el-Sagha 1980*, Panstwowe Wydawnictwo Naukowe, Warszawa, 37-71.
- Ginter, B., and J. K. Kozłowski, 1986. Kulturelle und paläoklimatische Sequenz in der Fayum-Depression: eine zusammenfassende Darstellung der Forschungsarbeiten in den Jahren 1979-1981, *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 42, 9-23.
- Ginter, B., W. Heflik, J. K. Kozłowski and J. Sliwa, 1980. Excavations in the region of Qasr el-Sagha, 1979: Contribution to the Holocene Geology, the Predynastic and Dynastic settlement in the northern Fayum desert, *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 36, 105-169.
- Goldberg, P., 1995. The changing landscape, in T. E. Levy (ed.), *The Archaeology of Society in the Holy Land*, Facts on File, New York, 40-57.
- Goldberg, P., and R. I. Macphail, 2006. *Practical and Theoretical Geoarchaeology*, Blackwell, Oxford.
- Goodfriend, G. A., 1990. Rainfall in the Negev Desert during the Middle Holocene, based on

REFERENCES

- ^{13}C of organic matter in land snail shells, *Quaternary Research* 34, 186-197.
- Goodfriend, G. A., 1991, Holocene trends in ^{18}O in land snail shells from the Negev Desert and their implications for changes in rainfall source areas, *Quaternary Research* 35, 417-426.
- Goodfriend, G. A., 1999. Terrestrial stable isotope records of Late Quaternary paleoclimates in the eastern Mediterranean region, *Quaternary Science Reviews* 18, 501-513.
- Gopher, A., 1989. Diffusion processes in the Pre-Pottery Neolithic Levant: the case of the Helwan point in I. Hershkovitz (ed.), *People and Culture in Change: Symposium on Upper Palaeolithic, Mesolithic and Neolithic Populations of Europe and the Mediterranean Basin*, BAR International, Oxford, 91-106.
- Gopher, A. 1994. *Arrowheads of the Neolithic Levant: A seriation analysis*, Eisenbrauns, Winona Lake.
- Gopher, A., 1995. Early pottery-bearing groups in Israel - the Pottery Neolithic period, in T. E. Levy (ed.), *The Archaeology of Society in the Holy Land*, Facts on File, New York, 205-221.
- Gopher, A., S. Abbo and S. Lev-Yadun, 2001. The "when", the "where" and the "why" of the Neolithic Revolution in the Levant, *Documenta Praehistorica* 28, 49-61.
- Gopher, A., R. Barkai and A. Asaf, 2001. Trends in sickle blades production in the Neolithic of the Hula Valley, Israel, in I. Caneva, C. Lemorini, D. Zampetti and P. Biagi (eds.), *Beyond Tools: Redefining the PPN Lithic Assemblages of the Levant*, ex oriente, Berlin, 411-425.
- Gopher, A., and R. Gophna, 1993. Cultures of the Eighth and Seventh Millennia BP in the Southern Levant: A Review for the 1990s, *Journal of World Prehistory* 7/3, 297-353.
- Gopher, A., N. Goring-Morris and D. Gordon, 1994. Nahal Issaron: The Lithics of the Late PPNB Occupation, in H. G. Gebel and S. K. Kozlowski (eds.), *Neolithic Chipped Stone Industries of the Fertile Crescent*, ex oriente, Berlin, 479-494.
- Goring-Morris, A. N., 1987. *At the Edge: Terminal Pleistocene Hunter-Gatherers in the Negev and Sinai*, BAR International, Oxford.
- Goring-Morris, A. N., 1991. The Harifian of the Southern Levant, in O. Bar-Yosef and F. R. Villa (eds.), *The Natufian Culture in the Levant*, International Monographs in Prehistory, Ann Arbor, 173-216.
- Goring-Morris, A. N., 1993. From foraging to herding in the Negev and Sinai: the early to late Neolithic transition, *Paléorient* 19/1, 65-89.
- Goring-Morris, A. N., and A. Belfer-Cohen, 2001. The symbolic realms of utilitarian material culture: the role of lithics, in I. Caneva, C. Lemorini, D. Zampetti and P. Biagi (eds.), *Beyond Tools: Redefining the PPN Lithic Assemblages of the Levant*, ex oriente, Berlin, 257-271.
- Goring-Morris, N., and A. Belfer-Cohen, 2002. Symbolic Behaviour from the Epipalaeolithic and Early Neolithic of the Near East: Preliminary Observations on Continuity and Change, in H. G. K. Gebel, B. D. Hermansen and C. H. Jensen (eds.), *Magic Practices and Ritual in the Near Eastern Neolithic*, ex oriente, Berlin, 67-79.
- Goring-Morris, N., and P. Goldberg, 1990. Late Quaternary dune incursions in the southern Levant: Archaeology, chronology and palaeoenvironments, *Quaternary International* 5, 115-137.
- Goring-Morris, N., and A. Gopher, 1983. Nahal Issaron, a Neolithic settlement in the southern Negev: preliminary report on the excavation in 1980, *Israel Exploration Journal* 33, 149-162.
- Goring-Morris, A. N., A. Gopher and S. A. Rosen, 1994. The Neolithic Tuwailan Cortical Knife Industry of the Negev, Israel, in H. G. Gebel and S. K. Kozlowski (eds.), *Neolithic Chipped Stone Industries of the Fertile Crescent*, ex oriente, Berlin, 511-524.
- Gould, R. A., 1985. 'Now Let's Invent Agriculture...': A Critical Review of Concepts of Complexity among Hunter-Gatherers, in T. D. Price and J. Brown (eds.), *Prehistoric Hunter-Gatherers: The*

REFERENCES

- Emergence of Cultural Complexity*, Academic Press, Orlando, 427-434.
- Gould, R. A., and S. Saggers, 1985. Lithic procurement in Central Australia: A closer look at Binford's idea of embeddedness in archaeology, *American Antiquity* 50/1, 117-136.
- Greiss, E. A. M., 1955. Anatomical identification of plant remains and other materials from: 1. El Omari excavations at Helwan from the Neolithic period. 2. The excavations at Helwan from the 1st Dynasty, *Bulletin de l'Institut d'Égypte* XXVI, 227-235.
- Greiss, E. A. M., 1957. *Anatomical Identification of Some Ancient Egyptian Plant Materials*, Costa Tsoumas & Co., Cairo.
- Gremillion, K. J., 1996. Diffusion and Adoption of Crops in Evolutionary Perspective, *Journal of Anthropological Archaeology* 15, 183-204.
- Guyot, F., 2008. The origins of the 'Naqadan Expansion' and the interregional exchange mechanisms between Lower Nubia, Upper and Lower Egypt, the south Levant and north Syria during the first half of the 4th millennium B.C., in B. Midant-Reynes and Y. Tristant (eds.), *Egypt at Its Origins 2*, Peeters, Leuven, 707-740.
- Haltung, U., 2004. Rescue excavations in the Predynastic settlement of Maadi, in S. Hendrickx, R. F. Friedman, K. M. Cialowicz and M. Chlodnicki (eds.), *Egypt at Its Origins*, Peeters, Leuven, 337-356.
- Hames, R., 1992. Time Allocation, in E. A. Smith and B. Winterhalder (eds.), *Evolutionary Ecology and Human Behavior*, Aldine de Gruyter, New York, 167-201.
- Hardy-Smith, T., and P. C. Edwards, 2004. The Garbage Crisis in prehistory: artefact discard patterns at the Early Natufian site of Wadi Hammeh 27 and the origins of household refuse disposal strategies, *Journal of Anthropological Archaeology* 23, 253-289.
- Harris, D. R., 1989. An evolutionary continuum of people-plant interaction, in D. R. Harris and G. C. Hillman (eds.), *Foraging and Farming: The Evolution of Plant Exploitation*, Unwin Hyman, London, 11-26.
- Harris, D. R. (ed.), 1996. *The Origins and Spread of Agriculture and Pastoralism in Eurasia*, UCL Press, London.
- Hassan, F. A., 1974. *The Archaeology of the Dishna Plain, Egypt: A Study of a Late Palaeolithic Settlement*, The Geological Survey of Egypt, Cairo.
- Hassan, F. A., 1981. *Demographic Archaeology*, Academic Press, Orlando.
- Hassan, F. A., 1984a. Toward a model of agricultural developments in Predynastic Egypt, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Origin and Early Development of Food-Producing Cultures in North-Eastern Africa*, Poznan Archaeological Museum, Poznan, 221-224.
- Hassan, F. A., 1984b. Environment and subsistence in Predynastic Egypt, in J. D. Clark and S. A. Brandt (eds.), *From Hunters to Farmers: The Causes and Consequences of Food Production in Africa*, University of California Press, Berkeley, 57-64.
- Hassan, F. A., 1985. Radiocarbon Chronology of Neolithic and Predynastic sites in Upper Egypt and the Delta, *The African Archaeological Review* 3, 95-116.
- Hassan, F. A., 1986a. Desert Environment and Origins of Agriculture in Egypt, *Norwegian Archaeological Review* 19, 63-76.
- Hassan, F. A., 1986b. Holocene Lakes and Prehistoric Settlements of the Western Faiyum, Egypt, *Journal of Archaeological Science* 13, 483-501.
- Hassan, F. A., 1988. The Predynastic of Egypt, *Journal of World Prehistory* 2, 135-185.
- Hassan, F. A., 1996. Abrupt Holocene climatic events in Africa, in G. Pwiti and R. Soper (eds.), *Aspects of African Archaeology: Papers from the 10th Congress of the Pan African Association for Prehistory and Related Studies*, University of Zimbabwe Publications, Harare, 83-89.
- Hassan, F. A., 1997a. Holocene Palaeoclimates of Africa, *African Archaeological Review* 14, 213-230.
- Hassan, F. A., 1997b. The dynamics of a riverine civilization: a geoarchaeological perspective on the Nile Valley, Egypt, *World Archaeology* 29/1, 51-74.

REFERENCES

- Hassan, F. A., 1999. Population Dynamics, in G. Barker (ed.), *Companion Encyclopedia of Archaeology*, Routledge, London, 672-713.
- Hassan, F. A., 2002a. Palaeoclimate, Food and Culture Change in Africa: An overview, in F. A. Hassan (ed.), *Droughts, Food and Culture: Ecological change and food security in Africa's later prehistory*, Kluwer Academic/Plenum Publishers, New York, 11-26.
- Hassan, F. A., 2002b. Holocene Environmental Change and the Transition to Agriculture in South-west Asia and North-east Africa, in Y. Yasuda (ed.), *The Origins of Pottery and Agriculture*, Roli Books, New Delhi, 55-68.
- Hassan, F. A., 2003. Archaeology and Linguistic Diversity in North Africa, in P. Bellwood and C. Renfrew (eds.), *Examining the farming/language dispersal hypothesis*, McDonald Institute for Archaeological Research, Cambridge, 127-133.
- Hassan, F. A., B. E. Barich, M. Mahmoud and M. A. Hemdan, 2001. Holocene Playa Deposits of Farafra Oasis, Egypt, and Their Palaeoclimatic and Geoarchaeological Significance, *Geoarchaeology* 16/1, 29-46.
- Hassan, F. A., and G. T. Gross, 1987. Resources and subsistence during the Early Holocene at Siwa Oasis, Northern Egypt, in A. E. Close (ed.), *Prehistory of Arid North Africa: Essays in Honor of Fred Wendorf*, Southern Methodist University Press, Dallas, 85-103.
- Hassan, F. A., G. Tassie, R. Flower, M. Hughes and M. Hamden, 2006. Modelling environmental and settlement change in the Fayum, *Egyptian Archaeology: The Bulletin of the Egypt Exploration Society* 29, 37-40.
- Hawkes, K., and R. Bliege Bird, 2002. Showing off, handicap signalling, and the evolution of men's work, *Evolutionary Anthropology* 11, 58-67.
- Hawkes, K., and J. O'Connell, 1992. On optimal foraging models and subsistence transitions, *Current Anthropology* 33/1, 63-66.
- Hayden, B., 1989. From chopper to celt: the evolution of resharpening techniques, in R. Torrence (ed.), *Time, energy and stone tools*, Cambridge University Press, Cambridge, 7-16.
- Hayden, B., 1990. Nimrods, Piscators, Pluckers and Planters: The emergence of food production, *Journal of Anthropological Archaeology* 9, 31-69.
- Hayden, B., 1992. Models of Domestication, in A. B. Gebauer and T. D. Price (eds.), *Transitions to Agriculture in Prehistory*, Prehistory Press, Madison, 11-19.
- Hayden, B., 1995a. A New Overview of Domestication, in T. D. Price and A. B. Gebauer (eds.), *Last Hunters-First Farmers: New Perspectives on the Prehistoric Transitions to Agriculture*, School of American Research Press, Santa Fe, 273-299.
- Hayden, B., 1995b. Pathways to Power: Principles for creating socioeconomic inequalities, in T. D. Price and G. M. Feinman (eds.), *Foundations of Social Inequality*, Plenum Press, New York, 15-86.
- Hayden, B., 1998. Practical and Prestige Technologies: The evolution of material systems, *Journal of Archaeological Method and Theory* 5, 1-55.
- Hayden, B., 2001. Richman, Poorman, Beggarman, Chief: The Dynamics of Social Inequality, in G. M. Feinman and T. D. Price (eds.), *Archaeology at the Millennium: A Sourcebook*, Kluwer Academic/Plenum Publishers, New York, 231-272.
- Hayden, B., N. Franco and J. Spafford, 1996. Evaluating Lithic Strategies and Design Criteria in G. H. Odell (ed.), *Stone Tools: Theoretical Insights into Human Prehistory*, Plenum Press, New York, 9-45.
- Haynes, C. V., 1987. Holocene Migration Rates of the Sudano-Sahelian Wetting Front, Arba'in Desert, Eastern Sahara, in A. E. Close (ed.), *Prehistory of Arid North Africa: Essays in Honor of Fred Wendorf*, Southern Methodist University Press, Dallas, 69-84.
- Haynes, C. V., 2001. Geochronology and Climate Change of the Pleistocene-Holocene Transition in the Darb el Arba'in Desert, Eastern Sahara, *Geoarchaeology* 16/1, 119-141.
- Headland, T., and L. A. Reid, 1989. Hunter-Gatherers and Their Neighbors from

REFERENCES

- Prehistory to the Present, *Current Anthropology* 30/1, 43-66.
- Hegmon, M., 1998. Technology, Style, and Social Practices: Archaeological approaches, in M. Stark (ed.), *The Archaeology of Social Boundaries*, Smithsonian Institution Press, Washington, 264-279.
- Heldal, T, E. Bloxam, P. Degryse, P. Storemyr and A. Kelany, 2006. Old Kingdom gypsum quarries at Umm es-Sawan, Northern Faiyum Quarry Landscape, Egypt, in *Conservation of Ancient Stone Quarry Landscapes in the Eastern Mediterranean: QuarryScapes First Symposium*, Antalya, 11-14.
- Hendrickx, S., 1999. La chronologie de la préhistoire tardive et des débuts de l'histoire de l'Égypte, *Archéo-Nil* 9, 13-81.
- Hendrickx, S., and P. Vermeersch, 2000. Prehistory from the Palaeolithic to the Badarian culture (c.700,000-4,000 BC), in I. Shaw (ed.), *The Oxford History of Ancient Egypt*, Oxford University Press, Oxford, 17-43.
- Henneberg, M, M. Kobusiewicz, R. Schild and F. Wendorf, 1989. The Early Neolithic, Qarunian burial from the Northern Fayum Desert, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Later Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 181-196.
- Henry, D. O., 1989. *From Foraging to Agriculture: The Levant at the End of the Ice Age*, University of Pennsylvania Press, Philadelphia.
- Hershkovitz, I., O. Bar-Yosef and B. Arensburg, 1994. The Pre-Pottery Neolithic populations of south Sinai and their relations to other circum-Mediterranean groups: An anthropological study, *Paléorient* 20/2, 59-84.
- Hitchcock, R., and P. Bleed, 1997. Each According to Need and Fashion: Spear and Arrow Use among San Hunters of the Kalahari, in H. Knecht (ed.), *Projectile Technology*, Plenum, New York, 345-368.
- Hillman, G. C., 1989. Late Palaeolithic plant foods from Wadi Kubbania in Upper Egypt: dietary diversity, infant weaning, and seasonality in a riverine environment, in D. R. Harris and G. C. Hillman (eds.), *Foraging and Farming: The Evolution of Plant Exploitation*, Unwin Hyman, London, 205-239.
- Hillman, G. C., E. Madeyska and J. Hather, 1989. Wild plant foods and diet at Late Palaeolithic Wadi Kubbania: The evidence from charred remains, in F. Wendorf, R. Schild and A. E. Close (eds.), *The Prehistory of Wadi Kubbania, vol. 2: Stratigraphy, Paleoeconomy and Environment*, Southern Methodist University Press, Dallas, 162-242.
- Hitchcock, R., and P. Bleed, 1997. Each according to need and fashion: Spear and arrow use among San hunters of the Kalahari, in H. Knecht (ed.), *Projectile Technology*, Plenum Press, New York, 345-368.
- Hodder, I., 1990. *The Domestication of Europe: Structure and Contingency in Neolithic Societies*, Blackwell, Oxford.
- Hole, F., 2003. Centers in the Neolithic? *Neolithics* 2/03, 33-35.
- Holmes, D. L., 1989. *The Predynastic Lithic Industries of Upper Egypt: A comparative study of the lithic traditions of Badari, Nagada and Hierakonpolis*, BAR International, Oxford.
- Holmes, D. L., 1992a. Analysis and Comparison of Some Prehistoric Projectile Points from Egypt, *University College London Institute of Archaeology Bulletin* 28, 99-131.
- Holmes, D. L., 1992b. Archaeological Cultural Resources and Modern Land-use Activities: Some Observations made during a Recent Survey in the Badari Region, Egypt, *Journal of the American Research Center in Egypt* 29, 67-80.
- Hope, C. A., 2002. Early and Mid-Holocene Ceramics from Dakhleh Oasis: Traditions and Influences, in R. Friedman (ed.), *Egypt and Nubia: Gifts of the Desert*, British Museum Press, London, 39-61.
- Horwitz, L. K., 2003. Temporal and spatial variation in Neolithic caprine exploitation strategies: A case study of fauna from the site of Yiftah'el (Israel), *Paléorient* 29/1, 19-58.
- Horwitz, L. K., and P. Ducos, 1998. An investigation into the origins of domestic

REFERENCES

- sheep in the southern Levant, in H. Buitenhuis, L. Bartosiewicz and A. M. Choyke (eds.), *Archaeozoology of the Near East III*, ARC Publication, Groningen, 80-94.
- Horwitz, L. K., E. Tchernov, P. Ducos, C. Becker, A. von den Driesch, L. Martin and A. Garrard, 2000. Animal domestication in the southern Levant, *Paléorient* 25/2, 63-80.
- Huyge, D., 1998. Egypt's oldest 'art'? The petroglyph of El-Hosh, *Egyptian Archaeology: The Bulletin of the Egypt Exploration Society* 13, 34-36.
- Huyge, D., 2002. Dating the El-Hosh rock art, *Egyptian Archaeology: The Bulletin of the Egypt Exploration Society* 20, 34-35.
- Huyge, D., A. Watchman, M. De Dapper and E. Marchi, 2001. Dating Egypt's oldest 'art': AMS ¹⁴C age determinations of rock varnishes covering petroglyphs at El-Hosh (Upper Egypt), *Antiquity* 75, 68-72.
- Huyge, D., M. Aubert, H. Barnard, W. Claes, J. C. Darnell, M. De Dapper, E. Figari, S. Ikram, A. Lebrun-Nélis and I. Therasse, 2007. 'Lascaux along the Nile': Late Pleistocene rock art in Egypt, <http://antiquity.ac.uk/ProjGall/huyge/index.html>.
- Issawi, B., 1976. Geology of the Fayum Depression, in F. Wendorf and R. Schild (eds.), *Prehistory of the Nile Valley*, Academic Press, New York, 151-153.
- Jesse, F., 2003. Early ceramics in the Sahara and the Nile Valley, in L. Krzyzaniak, K. Kroeper and M. Kobusiewicz (eds.), *Cultural Markers in the Later Prehistory of Northeastern Africa and Recent Research*, Poznan Archaeological Museum, Poznan, 35-50.
- Junker, H., 1928. *Bericht über die von der Akademie der Wissenschaften in Wien nach dem Westdelta entsendete Expedition*, Hölder-Pichler Tempsky A.-G, Wien.
- Junker, H., 1930. Vorläufiger Bericht über die Grabung der Akademie der Wissenschaften in Wien auf der neolithischen Siedelung von Merimde-Benisalâme (Westdelta) vom 1. bis 30. März 1929, *Anzeiger Akademie der Wissenschaften in Wien, Philosophisch-historische Klasse* 66, 156-250.
- Junker, H., 1931. Vorläufiger Bericht über die zweite Grabung der Akademie der Wissenschaften in Wien auf der vorgeschichtlichen Siedelung von Merimde-Benisalâme vom 7. Februar bis 8. April 1930, *Anzeiger Akademie der Wissenschaften in Wien, Philosophisch-historische Klasse* 67, 21-83.
- Junker, H., 1933. Vorbericht über die von der Akademie der Wissenschaften in Wien in Verbindung mit dem Egiptiska Museet in Stockholm unternommenen Grabungen auf der neolithischen Siedelung von Merimde-Benisalâme vom 6. November 1931 bis 20. Jänner 1932, *Anzeiger Akademie der Wissenschaften in Wien, Philosophisch-historische Klasse* 69, 36-100.
- Junker, H., 1934. Vorläufiger Bericht über die von der Akademie der Wissenschaften in Wien in Verbindung mit dem Egiptiska Museet in Stockholm unternommenen Grabungen auf der neolithischen Siedelung von Merimde-Benisalâme vom 2. Jänner bis 20. Februar 1933, *Anzeiger Akademie der Wissenschaften in Wien, Philosophisch-historische Klasse* 70, 53-97.
- Junker, H., 1935. Vorbericht über die fünfte von der Akademie der Wissenschaften in Wien und dem Egiptiska Museet in Stockholm unternommenen Grabung auf der neolithischen Siedelung von Merimde-Benisalâme vom 13. Februar bis 26. März 1934, *Anzeiger Akademie der Wissenschaften in Wien, Philosophisch-historische Klasse* 71, 118-132.
- Junker, H., 1941. Vorbericht über die siebente Grabung der Akademie der Wissenschaften in Wien auf der vorgeschichtlichen Siedelung Merimde-Benisalâme vom 25. Januar bis 4. April 1939, *Anzeiger Akademie der Wissenschaften in Wien, Philosophisch-historische Klasse* 77, 3-25.
- Kafafi, Z., 1993. The Yarmoukians in Jordan, *Paléorient* 19/1, 101-114.
- Kafafi, Z., 1998. The Late Neolithic in Jordan, in D. O. Henry (ed.), *The Prehistoric Archaeology of Jordan*, Archaeopress, Oxford, 127-138.
- Kaplan, H., and K. Hill, 1992. The Evolutionary

REFERENCES

- Ecology of Food Acquisition, in E. A. Smith and B. Winterhalder (eds.), *Evolutionary Ecology and Human Behavior*, Aldine de Gruyter, New York, 167-201.
- Keeley, L. H., 1982. Hafting and retooling: Effects on the archaeological record, *American Antiquity* 47/4, 798-809.
- Keeley, L. H., 1988. Hunter-Gatherer Economic Complexity and 'Population Pressure': A Cross-Cultural Analysis, *Journal of Anthropological Archaeology* 7, 373-411.
- Keeley, L. H., 1995. Protoagricultural practices among hunter-gatherers, in T. D. Price and A. B. Gebauer (eds.), *Last Hunters, First Farmers: New perspectives on the prehistoric transition to agriculture*, School of American Research Press, Santa Fe, 243-272.
- Keeley, L. H., 1999. Use of Plant foods among Hunter-Gatherers: A Cross-cultural Survey, in P. C. Anderson (ed.), *Prehistory of Agriculture: New Experimental and Ethnographic Approaches*, UCLA Institute of Archaeology, Los Angeles, 6-14.
- Kelly, R. L., 1988. The three sides of a biface, *American Antiquity* 53/4, 717-734.
- Kelly, R. L., 1991. Sedentism, sociopolitical inequality, and resource fluctuations, in S. A. Gregg (ed.), *Between Bands and States*, Southern Illinois University Press, Carbondale, 135-158.
- Kelly, R. L., 1992. Mobility/Sedentism: Concepts, Archaeological Measures, and Effects, *Annual Review of Anthropology* 21, 43-66.
- Kelly, R. L., 1995. *The Foraging Spectrum: Diversity in Hunter-Gatherer Lifeways*, Smithsonian Institution Press, Washington.
- Kelly, R. L., 2000. Elements of a behavioral ecological paradigm for the study of prehistoric hunter-gatherers, in M. B. Schiffer (ed.), *Social Theory in Archaeology*, The University of Utah Press, Salt Lake City, 63-78.
- Kent, S., 1993. Variability in Faunal Assemblages: The Influence of Hunting Skill, Sharing, Dogs, and Mode of Cooking on Faunal Remains at a Sedentary Kalahari Community, *Journal of Anthropological Archaeology* 12, 323-385.
- Kindermann, K., 2002. Djara: Prehistoric Links between the Desert and the Nile, in Z. Hawass (ed.), *Egyptology at the Dawn of the Twenty-First Century: Proceedings of the Eighth International Congress of Egyptologists Cairo 2000*, American University in Cairo Press, Cairo, 272-279.
- Kindermann, K., 2003. Investigations of the Mid-Holocene settlement of Djara (Abu Muhariq Plateau, Western Desert of Egypt), in L. Krzyzaniak, K. Kroeper and M. Kobusiewicz (eds.), *Cultural Markers in the Later Prehistory of Northeastern Africa and Recent Research*, Poznan Archaeological Museum, Poznan, 51-72.
- Kindermann, K., 2004. Djara: Excavations and surveys of the 1998-2002 seasons, *Archéo-Nil* 14, 31-50.
- Kindermann, K., and O. Bubenzer, 2007. Djara: humans and their environment on the Egyptian limestone plateau around 8,000 years ago, in O. Bubenzer, A. Bolten and F. Darius (eds.), *Atlas of Cultural and Environmental Change in Arid Africa*, Heinrich Barth Institut, Köln, 26-29.
- Kindermann, K., O. Bubenzer, S. Nussbaum, H. Riemer, F. Darius, N. Pöllath and U. Smettan, 2006. Palaeoenvironment and Holocene land use of Djara, Western Desert of Egypt, *Quaternary Science Reviews* 25, 1619-1637.
- Klees, F., 1989. Lobo: a contribution to the prehistory of the eastern Sand Sea and the Egyptian oases, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Late Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 223-231.
- Knecht, H., 1997. The History and Development of Projectile Technology Research, in H. Knecht (ed.), *Projectile Technology*, Plenum, New York, 3-35.
- Kobusiewicz, M., 1984. Report on Site E-79-4: The Archaeology of El Ghorab Playa, in F. Wendorf, R. Schild and A. E. Close (eds.), 1984. *Cattle-Keepers of the Eastern Sahara: The Neolithic of Bir Kiseiba*, South Methodist University Press, Dallas, 135-164.
- Kobusiewicz, M., 1996. Early Holocene Lithic

REFERENCES

- Industries of Northeastern Africa, in S. K. Kozłowski and H. G. Gebel (eds.), *Neolithic Chipped Stone Industries of the Fertile Crescent, and Their Contemporaries in Adjacent Regions*, ex oriente, Berlin, 23-36.
- Kobusiewicz, M., 2003. Neolithic wells of the Western Desert of Egypt, in L. Krzyżaniak, K. Kroeper and M. Kobusiewicz (eds.), *Cultural Markers in the Later Prehistory of Northeastern Africa and Recent Research*, Poznan Archaeological Museum, Poznan, 95-104.
- Kohn, M., and S. Mithen, 1999. Handaxes: products of sexual selection? *Antiquity* 73, 518-526.
- Kozłowski, J. K., 1983. Proto-Dynastic and Early Dynastic settlement, in J. K. Kozłowski (ed.), *Qasr el-Sagha 1980: Contribution to the Holocene geology, the Predynastic and Dynastic settlements in the northern Fayum desert*, Panstwowe Wydawnictwo Naukowe, Warszawa, 72-79.
- Kozłowski, J. K., and B. Ginter, 1989. The Fayum Neolithic in the light of new discoveries, in L. Krzyżaniak and M. Kobusiewicz (eds.), *Later Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 157-179.
- Kozłowski, J. K., and B. Ginter, 1993. Holocene changes in the Fayum: Lake Moeris and the evolution of climate in Northeastern Africa, in L. Krzyżaniak, M. Kobusiewicz and J. Alexander (eds.), *Environmental Change and Human Culture in the Nile Basin and Northern Africa until the Second Millennium B.C.*, Poznan Archaeological Museum, Poznan, 327-336.
- Kozłowski, S. K., and O. Aurenche, 2005. *Territories, Boundaries and Cultures in the Neolithic Near East*, Archaeopress, Oxford.
- Krzyżaniak, L., 1992. Again on the earliest settlement at Minshat Abu Omar, in E. C. M. van den Brink (ed.), *The Nile Delta in Transition: 4th-3rd Millennium B.C.*, Pinkhas, Tel Aviv, 151-155.
- Krzyżaniak, L., 1993. New data on the late prehistoric settlement at Minshat Abu Omar, Eastern Nile Delta, in L. Krzyżaniak, M. Kobusiewicz and J. Alexander (eds.), *Environmental Change and Human Culture in the Nile Basin and Northern Africa until the Second Millennium B.C.*, Poznan Archaeological Museum, Poznan, 321-325.
- Kuhn, S. L., 1994. A formal approach to the design and assembly of mobile toolkits, *American Antiquity* 59/3, 426-442.
- Kuhn, S. L., and R. G. Elston, 2002. Thinking small globally, in R. G. Elston and S. L. Kuhn (eds.), *Thinking Small: Global Perspectives on Microlithization*, the American Anthropological Association, Arlington, 1-7.
- Kuijt, I., 2000. People and Space in Early Agricultural Villages: Exploring Daily Lives, Community Size, and Architecture in the Late Pre-Pottery Neolithic, *Journal of Anthropological Archaeology* 19, 75-102.
- Kuijt, I., 2004. Cyprus as a regional Neolithic entity: Do researchers need to revisit the concept of the Levantine PPNB interaction sphere? *Neo-Lithics* 1/04, 8-9.
- Kuijt, I., and N. Goring-Morris, 2002. Foraging, Farming, and Social Complexity in the Pre-Pottery Neolithic of the Southern Levant: A Review and Synthesis, *Journal of World Prehistory* 16/4, 361-440.
- Kuper, R., 1995. Prehistoric Research in the Southern Libyan Desert: A Brief Account of the B.O.S. Project, *Cahier de Recherches de l'Institut de Papyrologie et d'Égyptologie de Lille* 17, 123-140.
- Kuper, R., 1996. Between the Oases and the Nile – Djara: Rohlfs' cave in the Western Desert, in L. Krzyżaniak, K. Kroeper and M. Kobusiewicz (eds.), *Interregional Contacts in the Later Prehistory of Northeastern Africa*, Poznan Archaeological Museum, Poznan, 81-91.
- Kuper, R., 2002. Routes and Roots in Egypt's Western Desert: The Early Holocene Resettlement of the Eastern Sahara, in R. Friedman (ed.), *Egypt and Nubia: Gifts of the Desert*, The British Museum Press, London, 1-12.
- Kuper, R., 2007. An attempt at structuring the Holocene occupation of the Eastern Sahara, in K. Kroeper, M. Chłodnicki and M.

REFERENCES

- Kobusiewicz (eds.), *Archaeology of Early Northeastern Africa*, Poznan Archaeological Museum, Poznan, 261-272.
- Kuper, R., and S. Kröpelin, 2006. Climate-Controlled Holocene Occupation in the Sahara: Motor of Africa's Evolution, *Science* 313, 803-807.
- Kuper, R., W. Möhlig, M. Bollig and O. Bubenzer, 2007. Environmental change and cultural history in northeastern and southwestern Africa, in O. Bubenzer, A. Bolten and F. Darius (eds.), *Atlas of Cultural and Environmental Change in Arid Africa*, Heinrich Barth Institut, Köln, 8-11.
- Kweakason, A. P., 2008. Microwear analysis of some artefacts from Archaeological Horizon 5, in Vermeersch, P. M. (ed.), *A Holocene Prehistoric Sequence in the Egyptian Red Sea Area: The Tree Shelter*, Leuven University Press, Leuven, 63-72.
- Layton, R., 1999. The human evolutionary timescale and the transition between hunting and gathering, and farming, in J. Bintliff (ed.), *Structure and Contingency: Evolutionary Processes in Life and Human Society*, Leicester University Press, London, 102-117.
- Layton, R., 2003. Agency, Structuration, and Complexity, in R. A. Bentley and H. D. G. Maschner (eds.), *Complex Systems and Archaeology: Empirical and Theoretical Applications*, The University of Utah Press, Salt Lake City, 103-109.
- Layton, R., R. Foley and E. Williams, 1991. The Transition between Hunting and Gathering and the Specialized Husbandry of Resources, *Current Anthropology* 32/3, 255-274.
- Lee, R., 1968. What hunters do for a living, or how to make out on scarce resources, in R. Lee and I. Devore (eds.), *Man the Hunter*, Aldine, New York, 30-48.
- Lemonnier, P., 1992. *Elements for an Anthropology of Technology*, University of Michigan, Ann Arbor.
- Lev-Yadun, S., A. Gopher and S. Abbo, 2000. The Cradle of Agriculture, *Science* 288, 1602-1603.
- Levy, T. E., and E. C. M. van den Brink, 2002. Interaction Models, Egypt and the Levantine Periphery, in E. C. M. van den Brink and T. E. Levy (eds.), *Egypt and the Levant: Interrelations from the 4th through the Early 3rd Millennium B.C.E.*, Leicester University Press, London, 3-38.
- Little, O. H., 1936. Recent geological work in the Faiyum and in the adjoining portion of the Nile Valley, *Bulletin de l'Institut Égypte* 18, 201-240.
- Longo, L., 1997. Functional Analysis, in F. Wendorf and R. Schild (eds.), *A Late Paleolithic Kill-Butchery Camp in Upper Egypt*, Southern Methodist University and Polish Academy of Sciences, 43-56.
- Lucarini, G., 2007. The use and exploitation of sorghum and wild plants in the Hidden Valley village (Farafra Oasis, Egypt), in K. Kroeper, M. Chlodnicki, and M. Kobusiewicz (eds.), *Archaeology of Earliest Northeastern Africa*, Poznan Archaeological Museum, Poznan, 463-478.
- Lupo, K. D., 1995. Hadza Bone Assemblages and Hyena Attrition: An Ethnographic Example of the Influence of Cooking and Mode of Discard on the Intensity of Scavenger Ravaging, *Journal of Anthropological Archaeology* 14, 288-314.
- Lupo, K. D., 2006. What Explains the Carcass Field Processing and Transport Decisions of Contemporary Hunter-Gatherers? Measures of Economic Anatomy and Zooarchaeological Skeletal Part Representation, *Journal of Archaeological Method and Theory* 13/1, 19-66.
- MacDonald, D. H., and B. S. Hewlett, 1999. Reproductive Interests and Forager Mobility, *Current Anthropology* 40/4, 501-523.
- Maczynska, A., 2008. Some remarks on Egyptian-southern Levantine interrelations in the first half of the 4th millennium BC, in B. Midant-Reynes and Y. Tristant (eds.), *Egypt at Its Origins* 2, Peeters, Leuven, 763-781.
- Marks, A. E., and T. R. Scott, 1976. Abu Salem: Type Site of the Harifian Industry of the Southern Levant, *Journal of Field Archaeology* 3/1, 43-60.
- Marshall, F., and E. Hildebrand, 2002. Cattle before Crops: The Beginnings of Food

REFERENCES

- Production in Africa, *Journal of World Prehistory* 16/2, 99-143.
- Marinova, E., V. Linseele and P. Vermeersch, 2008. Holocene environment and subsistence patterns near the Tree Shelter, Red Sea Mountains, Egypt, *Quaternary Research* 70, 392-397.
- Martin, L., 2000. Mammal Remains from the Eastern Jordanian Neolithic and the Nature of Caprine Herding in the Steppe, *Paléorient* 25/2, 87-104.
- Mazurowski, R. F., 1994. Flint bolas balls and chopper/chopping tools from Nemrik 9 and Tell M'lefaat, in H. G. Gebel and S. K. Kozłowski (eds.), *Neolithic Chipped Stone Industries of the Fertile Crescent: Proceedings of the First Workshop on PPN Chipped Lithic Industries, ex oriente*, Berlin, 173-188.
- McBurney, C. B. M., 1967. *The Haua Fteah (Cyrenaica) and the Stone Age of the South-east Mediterranean*, Cambridge University Press, Cambridge.
- McCorrison, J., 2006. Breaking the Rain Barrier and the Tropical Spread of Near Eastern Agriculture into Southern Arabia, in D. J. Kennett and B. Winterhalder (eds.), *Behavioral Ecology and the Transition to Agriculture*, University of California Press, Berkeley, 217-236.
- McCorrison, J., and F. Hole, 1991. The ecology of seasonal stress and the origin of agriculture in the Near East, *American Anthropologist* 93, 46-69.
- McDonald, M. M. A., 1991a. Origins of the Neolithic in the Nile Valley as seen from Dakhleh Oasis in the Egyptian Western Desert, *Sahara* 4, 41-52.
- McDonald, M. M. A., 1991b. Technological organization and sedentism in the Epipalaeolithic of Dakhleh Oasis, Egypt, *African Archaeological Review* 9, 81-109.
- McDonald, M. M. A., 1996. Relations between Dakhleh Oasis and the Nile Valley in the Mid-Holocene: A discussion, in L. Krzyżaniak, K. Kroeper and M. Kobusiewicz (eds.), *Interregional Contacts in the Later Prehistory of Northeastern Africa*, Poznan Archaeological Museum, Poznan, 93-99.
- McDonald, M. M. A., 1998. Early African Pastoralism: View from Dakhleh Oasis (South Central Egypt), *Journal of Anthropological Archaeology* 17, 124-142.
- McDonald, M. M. A., 2001. The Late Prehistoric Radiocarbon Chronology for Dakhleh Oasis within the Wider Environmental and Cultural Setting of the Egyptian Western Desert, in C. Marlow and A. Mills (eds.), *The Oasis Papers I: The Proceedings of the First Conference of the Dakhleh Oasis Project*, Oxbow Books, Oxford, 26-42.
- McDonald, M. M. A., 2003. The Early Holocene Masara A and Masara C Cultural Sub-Units of Dakhleh Oasis, within a Wider Cultural Setting, in G. E. Bowen and C. A. Hope (eds.), *The Oasis Papers 3: Proceedings of the Third International Conference of the Dakhleh Oasis Project*, Oxbow Books, 43-69.
- McDonald, M. M. A., 2008. Emerging Social Complexity in the Mid-Holocene Egyptian Western Desert: Site 270 and its Neighbours in South-Eastern Dakhleh Oasis, in M. F. Wiseman (ed.), *The Oasis Papers 2: Proceedings of the Second International Conference of the Dakhleh Oasis Project*, Oxbow Books, Oxford, 83-106.
- Menghin, O., 1933a. Die Primitivtypen des Neolithikums von Merimde-Benisalame, *Anzeiger Akademie der Wissenschaften in Wien, Philosophisch-historische Klasse* 69, 83-88.
- Menghin, O., 1933b. Paläolithische Funde in der Umgebung von Benisalame, *Anzeiger Akademie der Wissenschaften in Wien, Philosophisch-historische Klasse* 69, 89-97.
- Metcalf, D., and K. R. Barlow, 1992. A model for exploring the optimal trade-off between field processing and transport, *American Anthropologist* 94, 340-356.
- Midant-Reynes, B., 2000. *The Prehistory of Egypt: From the First Egyptians to the First Pharaohs*, Blackwell, Oxford.
- Migowski, C., M. Stein, S. Prasad, J. F. W. Negendank and A. Agnon, 2006. Holocene climate variability and cultural evolution in the Near East from the Dead Sea sedimentary

REFERENCES

- record, *Quaternary Research* 66, 421-431.
- Millett, M., 2000. The comparison of surface and stratified artefact assemblages, in M. Pasquinucci and F. Trément (eds.), *Non-Destructive Techniques Applied to Landscape Archaeology*, Oxbow Books, Oxford, 216-222.
- Mithen, S., 1996. *The Prehistory of Mind: A search for the origins of art, religion and science*, Thames and Hudson, London.
- Moeyersons, J., P. M. Vermeersch, H. Beeckman and P. Van Peer, 1999. Holocene environmental changes in the Gebel Umm Hammad, Eastern Desert, Egypt, *Geomorphology* 26, 297-312.
- Mohamed, A., 2003. *Die Krusten der Ränder der Fayoum Depression: Geomorphologische Untersuchungen*, Dissertation der Fakultät für Geowissenschaften der Ludwig Maximilians Universität München, München.
- Mohammed-Ali, A. S., and A. M. Khabir, 2003. The Wavy Line and the Dotted Wavy Line Pottery in the Prehistory of the Central Nile and the Sahara-Sahel Belt, *African Archaeological Review* 20/1, 25-58.
- Moore, A. M. T., 1989. The transition from foraging to farming in Southwest Asia: present problems and future directions, in D. R. Harris and G. C. Hillman (eds.), *Foraging and Farming: The Evolution of Plant Exploitation*, Unwin Hyman, London, 620-631.
- Moore, A. M. T., and G. C. Hillman, 1992. The Pleistocene to Holocene transition and human economy in Southwest Asia: The impact of the Younger Dryas, *American Antiquity* 57, 482-494.
- Mori, K., and Y. Iryu, 2001. Geological Survey, in the Institute of Egyptology at Waseda University (ed.), *Abusir South I*, Kakuzando, Tokyo, 78-81.
- Morrow, T. A., 1996. Bigger is better: Comments on Kuhn's formal approach to mobile toolkits, *American Antiquity* 61/3, 581-590.
- Morton, A. G. T., 2004. *Archaeological Site Formation: Understanding Lake Margin Contexts*, Archaeopress, Oxford.
- Mussi, M., I. Caneva and A. Zarattini, 1984. More on the Terminal Palaeolithic of the Fayum Depression, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Origin and Early Development of Food-Producing Cultures in North-Eastern Africa*, Poznan Archaeological Museum, Poznan, 185-191.
- Nadel, D., O. Bar-Yosef and A. Gopher, 1991. Early Neolithic Arrowhead Types in the Southern Levant: A Typological Suggestion, *Paléorient* 17/1, 109-119.
- Nelson, M. C., 1991. The Study of Technological Organization, *Archaeological Method and Theory* 3, 57-100.
- Nelson, M. C., 1997. Projectile Points: Form, Function, and Design, in H. Knecht (ed.), *Projectile Technology*, Plenum, New York, 371-384.
- Nelson, M. C., and H. Lippmeier, 1993. Grinding-tool design as conditioned by land-use pattern, *American Antiquity* 58/2, 286-305.
- Nesbitt, M., 2002. When and where did domesticated cereals first occur in southwest Asia? in R. T. J. Cappers and S. Bottema (eds.), *The Dawn of Farming in the Near East, ex oriente*, Berlin, 113-132.
- Neumann, K., 1989a. Zur Vegetationsgeschichte der Ostsahara im Holozän: Holzkohlen aus prähistorischen Fundstellen, in R. Kuper (ed.), *Forschungen zur Umweltgeschichte der Ostsahara*, Heinrich Barth Institut, Köln, 13-181.
- Neumann, K., 1989b. Holocene vegetation of the Eastern Sahara: charcoal from prehistoric sites, *African Archaeological Review* 7, 97-116.
- Nicholson, S. E., 2000. The nature of rainfall variability over Africa on time scales of decades to millennia, *Global and Planetary Change* 26, 137-158.
- Nicholson, S. E., and H. Flohn, 1980. African environmental and climatic changes and the general atmospheric circulation in Late Pleistocene and Holocene, *Climate Change* 2, 313-348.
- Nicoll, K., 2001. Radiocarbon Chronologies for Prehistoric Human Occupation and Hydroclimatic Change in Egypt and Northern

REFERENCES

- Sudan, *Geoarchaeology* 16, 47-64.
- Nicoll, K., 2004. Recent environmental change and prehistoric human activity in Egypt and Northern Sudan, *Quaternary Science Review* 23, 561-580.
- O'Brien, M., and H. Wilson, 1988. A Paradigmatic Shift in the Search for the Origin of Agriculture, *American Anthropologist* 90, 958-965.
- O'Connell, J. F., K. Hawkes and N. Blurton Jones, 1988. Hadza hunting, butchering, and bone transport and their archaeological implications, *Journal of Anthropological Research* 44, 113-161.
- O'Connor, D., 1997. Ancient Egypt: Egyptological and Anthropological Perspective, in J. Lustig (ed.), *Anthropology and Egyptology: A Developing Dialogue*, Sheffield Academic Press, Sheffield, 13-24.
- Odell, G. H., 1996. Economizing Behavior and the Concept of Curation, in G. H. Odell (ed.), *Stone Tools: Theoretical Insights into Human Prehistory*, Plenum Press, New York, 51-80.
- Odell, G. H., 2001. Stone Tool Research at the End of the Millennium: Classification, Function, and Behavior, *Journal of Archaeological Research* 9, 45-100.
- Odell, G. H., and F. Cowan, 1986. Experiments with Spears and Arrows on Animal Targets, *Journal of Field Archaeology* 13, 195-212.
- Osborn, D. J., 1998. *The Mammals of Ancient Egypt*, Aris and Phillips, Warminster.
- Pachur, H.-J., 1991. Tethering stones as palaeoenvironmental indicators, *Sahara* 4, 13-32.
- Parry, W. J., and R. L. Kelly, 1987. Expedient Core Technology and Sedentism, in J. K. Johnson and C. A. Morrow (eds.), *The Organization of Core Technology*, Westview Press, Boulder, 285-304.
- Pawlikowski, M., 1983. The evolution of Lake Moeris in the region of Qasr el-Sagha, in J. K. Kozłowski (ed.), *Qasr el-Sagha 1980: Contribution to the Holocene geology, the Predynastic and Dynastic settlements in the northern Fayum desert*, Panstwowe Wydawnictwo Naukowe, Warszawa, 9-36.
- Pazdur, M. F., 1983. Radiocarbon dating of organic samples, in J. K. Kozłowski (ed.), *Qasr el-Sagha 1980: Contribution to the Holocene geology, the Predynastic and Dynastic settlements in the northern Fayum desert*, Panstwowe Wydawnictwo Naukowe, Warszawa, 114-117.
- Peltenburg, E., 2004. Cyprus: A regional component of the Levantine PPN, *Neo-Lithics* 1/04, 3-7.
- Peters, J., 1990. Late Palaeolithic Ungulate Fauna and Landscape in the Plain of Kom Ombo, *Sahara* 3, 45-52.
- Peters, J., 1996. New light on Mesolithic resource scheduling and site inhabitation in Central Sudan, in L. Krzyżaniak, K. Kroeper and M. Kobusiewicz (eds.), *Interregional Contacts in the Later Prehistory of Northeastern Africa*, Poznan Archaeological Museum, Poznan, 381-394.
- Peters, J., D. Helmer, A. von den Driesch and S. Segui, 2000. Early animal husbandry in the northern Levant, *Paléorient* 25/2, 27-48.
- Peters, J., A. von den Driesch and D. Helmer, 2005. The upper Euphrates-Tigris basin: cradle of agro-pastoralism? in J.-D. Vigne, J. Peters and D. Helmer (eds.), *First Steps of Animal Domestication: New archaeozoological approaches*, Oxbow Books, Oxford, 96-124.
- Pfaffenberger, B., 1992. Social Anthropology of Technology, *Annual Review of Anthropology* 21, 491-516.
- Price, T. D. (ed.), 2000. *Europe's First Farmers*, Cambridge University Press, Cambridge.
- Price, T. D., and A. B. Gebauer, 1995. New Perspectives on the Transition to Agriculture, in T. D. Price and A. B. Gebauer (eds.), *Last Hunters, First Farmers: New perspectives on the prehistoric transition to agriculture*, Santa Fe, 3-19.
- Price, T. D., and A. B. Gebauer (eds.), 1995. *Last Hunters-First Farmers: New Perspectives on the Prehistoric Transition to Agriculture*, School of American Research Press, Santa Fe.
- Puglisi, S., 1967. Missione per Ricerche Preistoriche in Egitto, *Origini* 1, 301-312.
- Quintero, L. A., P. J. Wilke and J. G. Waines,

REFERENCES

1997. Pragmatic Studies of Near Eastern Neolithic Sickle Blades, in H. G. K. Gebel, Z. Kafafi and G. O. Rollefson (eds.), *The Prehistory of Jordan II, ex oriente*, Berlin, 263-286.
- Rafferty, J., 1985. The Archaeological Record on Sedentariness: Recognition, Development, and Implications, *Advances in Archaeological Method and Theory* 8, 113-156.
- Rapp, Jr., G., and C. L. Hill, 1998. *Geoarchaeology: The Earth-Science Approach to Archaeological Interpretation*, Yale University Press, New Haven.
- Redding, R., 1988. A General Explanation of Subsistence Change: From Hunting and Gathering to Food Production, *Journal of Anthropological Archaeology* 7, 56-97.
- Renfrew, C., and P. Bahn, 2000. *Archaeology: Theories, Methods and Practice*, Thames and Hudson, London.
- Richerson, P., R. Boyd and R. L. Bettinger, 2001. Was agriculture impossible during the Pleistocene but mandatory during the Holocene? A climate change hypothesis, *American Antiquity* 66, 387-411.
- Riemer, H., 2003. Abu Gerara: Mid-Holocene sites between Djara and Dakhla Oasis (Egypt), in L. Krzyzaniak, K. Kroeper and M. Kobusiewicz (eds.), *Cultural Markers in the Later Prehistory of Northeastern Africa and Recent Research*, Poznan Archaeological Museum, Poznan, 73-93.
- Riemer, H., 2005. Pastoralism and the 'absolute' desert: A view from the southern Great Sand Sea, Egypt, in B. E. Barich, T. Tillet and K. H. Striedter (eds.), *Hunters vs. Pastoralists in the Sahara: Material Culture and Symbolic Aspects*, Archaeopress, Oxford, 57-65.
- Riemer, H., 2006. Archaeology and environment of the Western Desert of Egypt: 14C-based human occupation history as an archive for Holocene palaeoclimatic reconstruction, in S. A. A. Youssef (ed.), *Geology of the Tethys: Proceedings of the First International Conference on the Geology of the Tethys*, Geology Department, Faculty of Science, Cairo University, Giza, 553-564.
- Riemer, H., 2007a. Out of Dakhla: Cultural diversity and mobility between the Egyptian Oases and the Great Sand Sea during the Holocene humid phase, in K. Kroeper, M. Chlodnicki and M. Kobusiewicz (eds.), *Archaeology of Earliest Northeastern Africa*, Poznan Archaeological Museum, Poznan, 491-526.
- Riemer, H., 2007b. When hunters started herding: Pasto-foragers and the complexity of Holocene economic change in the Western Desert of Egypt, in M. Bollig, O. Bubenzer, R. Vogelsang and H.-P. Wotzka (eds.), *Aridity, Change and Conflict in Africa*, Heinrich Barth Institut, Köln, 105-144.
- Riemer, H., K. Kindermann and S. Eickelkamp, 2004. Dating and production technique of Unan points in the Eastern Sahara: New archaeological evidence from Abu Tartur, Western Desert of Egypt, *Nyame Akuma* 61, 10-16.
- Riemer, H., and K. Kindermann, 2008. Contacts between the oasis and the Nile: A résumé of the Abu Muhariq plateau survey 1995-2002, in B. Midant-Reynes and Y. Tristant (eds.), *Egypt at Its Origins 2*, Peeters, Leuven, 609-633.
- Riemer, H., and P. Schönfeld, 2007. The prehistoric pottery of Abu Tartur, Western Desert of Egypt, in K. Kroeper, M. Chlodnicki and M. Kobusiewicz (eds.), *Archaeology of Earliest Northeastern Africa*, Poznan Archaeological Museum, Poznan, 335-354.
- Rindos, D., 1980. Symbiosis, Instability, and the Origin and Spread of Agriculture: A New Model, *Current Anthropology* 21, 751-772.
- Rindos, D., 1984. *The Origins of Agriculture: An Evolutionary Perspective*, Academic Press, Orlando.
- Rizkana, I., and J. Seeher, 1987. *Maadi I: The Pottery of the Predynastic Settlement*, Philipp von Zabern, Mainz am Rhein.
- Rizkana, I., and J. Seeher, 1988. *Maadi II: The Lithic Industries of the Predynastic Settlement*, Philipp von Zabern, Mainz am Rhein.
- Rizkana, I., and J. Seeher, 1988. *Maadi III: The Non-lithic Small Finds and the Structural Remains of the Predynastic Settlement*,

REFERENCES

- Philipp von Zabern, Mainz am Rhein.
- Robinson, S. A., S. Black, B. W. Sellwood and P. J. Valdes, 2006. A review of palaeoclimates and palaeoenvironments in the Levant and Eastern Mediterranean from 25,000 to 5000 years BP: setting the environmental background for the evolution of human civilisation, *Quaternary Science Reviews* 25, 1517-1541.
- Rohling, E. J., Casford, R. Abu-Zied, S. Cooke, D. Mercione, J. Thompson, I. Croudace, F. J. Jorissen, H. Brinkhuis, J. Kallmeyer and G. Wefer, 2002. Rapid Holocene Climate Changes in the Eastern Mediterranean, in F. A. Hassan (ed.), *Droughts, Food and Culture: Ecological change and food security in Africa's later prehistory*, Kluwer Academic/Plenum Publishers, New York, 35-46.
- Rohling, E. J., and H. Pälike, 2005. Centennial-scale climate cooling with a sudden cold event around 8,200 years ago, *Nature* 434, 975-979.
- Rollefson, G. O., and H. G. K. Gebel, 2004. Short note on a 4ICAANE workshop held in Berlin, 1-2 April 2004, *Neo-Lithics* 1/04, 21-22.
- Rollefson, G. O., and I. Köhler-Rollefson, 1989. The Collapse of the Early Neolithic Settlements in the Southern Levant, in I. Hershkovitz (ed.), *People and Culture in Change: Symposium on Upper Palaeolithic, Mesolithic and Neolithic Populations of Europe and the Mediterranean Basin*, BAR International, Oxford, 73-89.
- Rollefson, G. O., and I. Köhler-Rollefson, 1993. PPNC adaptations in the first half of the 6th millennium B.C., *Paléorient* 19/1, 33-42.
- Ronen, A., S. Milstein, M. Lamdan, J. C. Vogel, H. K. Mienis and S. Ilani, 2001. Nahal Reuel, a MPPNB site in the Negev, Israel, *Quartär* 51/52, 115-156.
- Rosen, S. A., 1988. Notes on the Origins of Pastoral Nomadism: A Case Study from the Negev and Sinai, *Current Anthropology* 29, 498-506.
- Rosen, S. A., 1997. *Lithics after the Stone Age: A Handbook of Stone Tools from the Levant*, Altamira Press, Walnut Creek.
- Rosen, S. A., 2002. The Evolution of Pastoral Nomadic Systems in the Southern Levantine Periphery, in E. van den Brink and E. Yannai (eds.), *In Quest of Ancient Settlements and Landscapes: Archaeological Studies in honour of Ram Gophna*, Ramot Publishing, Tel Aviv, 23-44.
- Rosen, S. A., 2008a. Desert pastoral nomadism in the *longue durée*, in H. Barnard and W. Wendrich (eds.), *The Archaeology of Mobility: Old World and New World Nomadism*, Cotsen Institute of Archaeology at UCLA, Los Angeles, 115-140.
- Rosen, S. A., 2008b. Desert Landscapes in Archaeology: A Case Study from the Negev, in B. David and J. Thomas (eds.), *Handbook of Landscape Archaeology*, Berg, Oxford, 409-423.
- Rosen, S. A., A. B. Savinetsky, Y. Plakht, N. K. Kisseleva, B. F. Khassanov, A. M. Pereladov and M. Haiman, 2005. Dung in the Desert: Preliminary Results of the Negev Holocene Ecology Project, *Current Anthropology* 46/2, 317-327.
- Rosenberg, M., 1990. The Mother of Invention: Evolutionary Theory, Territoriality, and the Origins of Agriculture, *American Anthropologist* 92, 399-415.
- Rosenberg, M., 1998. Cheating at Musical Chairs: Territoriality and Sedentism in an Evolutionary Context, *Current Anthropology* 39, 653-681.
- Rossignol-Strick, M., 1999. The Holocene climatic optimum and pollen records of sapropel 1 in the eastern Mediterranean, 9000-6000 BP, *Quaternary Science Reviews* 18, 515-530.
- Rossignol-Strick, M., 2002. Holocene Climatic Changes in the Eastern Mediterranean and the Spread of Food Production from Southwest Asia to Egypt, in F. A. Hassan (ed.), *Droughts, Food and Culture: Ecological change and food security in Africa's later prehistory*, Kluwer Academic/Plenum Publishers, New York, 157-169.
- Sahlins, M., 1972. *Stone Age Economics*, Aldine, New York.
- Said, R., 1990. Chapter 24: Cenozoic, in R. Said (ed.), *The Geology of Egypt*, A.A. Balkema, Rotterdam, 451-486.

REFERENCES

- Said, R., 1993. *The River Nile: Geology, Hydrology and Utilization*, Pergamon Press, Oxford.
- Said, R., C. C. Albritton, F. Wendorf, R. Schild and M. Kobusiewicz, 1970. A Preliminary Report on the Holocene Geology and Archaeology of the Northern Fayum Desert, <http://www.lib.ttu Playa/text/playa6.htm>.
- Said, R., C. C. Albritton, F. Wendorf, R. Schild and M. Kobusiewicz, 1972. Remarks on the Holocene Geology and Archaeology of Northern Fayum Desert, *Archaeologia Polona* 13, 7-22.
- Sandford, K. S., and W. J. Arkell, 1929. *Paleolithic man and the Nile-Faiyum divide: A Study of the Region during Pliocene and Pleistocene times*, The University of Chicago Press, Chicago.
- Schepers, M., R. Cappers, and I. Heijen, 2006. Neolithische graanopslag in de Fayum, *Paleo-Aktueel* 17, 55-62.
- Schiffer, M. B., 1976. *Behavioral Archaeology*, Academic Press, New York.
- Schild, R., M. Chemielewska and H. Wieckowska, 1968. The Arkinian and Shamarkian Industries, in F. Wendorf (ed.), *The Prehistory of Nubia, Volume II*, South Methodist University Press, Dallas, 651-767.
- Schild, R., and F. Wendorf, 2002. Palaeo-ecologic and Palaeo-climatic Background to Socio-economic Changes in the South Western Desert of Egypt, in R. Friedman (ed.), *Egypt and Nubia: Gifts of the Desert*, The British Museum Press, London, 21-27.
- Schmidt, K., 1980. Paläolithische Funde aus Merimde-Benisalame, *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 36, 411-435.
- Schmidt, K., 1993. Comments to the lithic industry of the Buto-Maadi culture in Lower Egypt, in L. Krzyzaniak, M. Kobusiewicz and J. Alexander (eds.), *Environmental Change and Human Culture in the Nile Basin and Northern Africa until the Second Millennium B.C.*, Poznan Archaeological Museum, Poznan, 267-277.
- Schmidt, K., 1996. Helwan in Egypt - a PPN site? in S. K. Kozłowski and H. G. K. Gebel (eds.), *Neolithic Chipped Stone Industries of the Fertile Crescent, and Their Contemporaries in Adjacent Regions*, ex oriente, Berlin, 127-135.
- Seton-Karr, H. W., 1904. Fayoom Flint Implements, *Annales du Service des Antiquites de l'Egypte* 5, 145-186.
- Seton-Karr, H. W., 1905. Discovery of a Neolithic settlement in the Western Desert North of the Fayoum, *Annales du Service des Antiquites de l'Egypte* 6, 185-187.
- Sherratt, A., 1997. Climatic cycles and behavioural revolutions: the emergence of modern humans and the beginning of farming, *Antiquity* 71, 271-287.
- Shirai, N., *in press*. A Missing Chapter of *THE DESERT FAYUM*: Fayum prehistoric lithic artefact collection in the Allard Pierson Museum, Amsterdam, *Archéo-Nil*.
- Shott, M. J., 1986. Technological organization and settlement mobility: an ethnographic examination, *Journal of Anthropological Research* 42/1, 15-51.
- Shott, M. J., 1996. An exegesis of the curation concept, *Journal of Anthropological Research* 52/3, 259-280.
- Simmons, A. H., 1997. Ecological Changes during the Late Neolithic in Jordan: A Case Study, in H. G. K. Gebel, Z. Kafafi and G. O. Rollefson (eds.), *The Prehistory of Jordan II: Perspectives from 1997*, ex oriente, Berlin, 309-318.
- Simmons, A. H., 2000. Villages on the Edge: Regional Settlement Change and the End of the Levantine Pre-Pottery Neolithic, in I. Kuijt (ed.), *Life in Neolithic Farming Communities: Social Organization, Identity, and Differentiation*, Kluwer Academic/Plenum Publishers, New York, 211-230.
- Simmons, A. H., and R. D. Mandel, 1986. *Prehistoric Occupation of a Marginal Environment: An Archaeological Survey near Kharga Oasis in the Western Desert of Egypt*, BAR, Oxford.
- Simms, S. R., and K. W. Russell, 1997. Bedouin Hand Harvesting of Wheat and Barley: Implications for Early Cultivation in Southwestern Asia, *Current Anthropology* 38/

REFERENCES

- 4, 696-702.
- Sinclair, A., 1990. Technology as Phenotype? An extended look at Time, Energy and Stone Tools, *Archaeological Review from Cambridge* 9/1, 71-81.
- Sinclair, A., 1995. The technique as a symbol in Late Glacial Europe, *World Archaeology* 27/1, 50-62.
- Sinclair, A., 2000. Constellations of Knowledge: Human agency and material affordance in lithic technology, in M-A. Dobres and J. Robb (eds.), *Agency in Archaeology*, Routledge, London, 196-212.
- Sinclair, P., T. Shaw and B. Andah, 1993. Introduction, in T. Shaw, P. Sinclair, B. Andah and A. Okpoko (eds.), *The Archaeology of Africa: Food, Metals and Towns*, Routledge, London, 1-31.
- Smith, A. B., 1989. The Near Eastern connection: Early to Mid-Holocene relations between North Africa and the Levant, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Late Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 69-77.
- Smith, A. B., 1996. The Near Eastern connection II: cultural contacts with the Nile Delta and the Sahara, in L. Krzyzaniak, K. Kroeper and M. Kobusiewicz (eds.), *Interregional Contacts in the Later Prehistory of Northeastern Africa*, Poznan Archaeological Museum, Poznan, 29-35.
- Smith, A. B., 2005. The concepts of 'Neolithic' and 'Neolithisation' for Africa? *Before Farming* 2005/1, 29-34.
- Smith, B. D., 2001. Low-Level Food Production, *Journal of Archaeological Research* 9/1, 1-43.
- Smith, E. A., and B. Winterhalder, 1992. Natural Selection and Decision-Making: Some Fundamental Principles, in E. A. Smith and B. Winterhalder (eds.), *Evolutionary Ecology and Human Behavior*, Aldine de Gruyter, New York, 25-60.
- Smith, E. A., R. Bliege Bird and D. W. Bird, 2003. The benefits of costly signalling: Meriam turtle hunters, *Behavioral Ecology* 14/1, 116-126.
- Smith, J. R., R. Giegengack, H. P. Schwarcz, M. M. A. McDonald, M. R. Kleindienst, A. L. Hawkins and C. S. Churcher, 2004. A Reconstruction of Quaternary Pluvial Environments and Human Occupations Using Stratigraphy and Geochronology of Fossil-Spring Tufas, Kharga Oasis, Egypt, *Geoarchaeology* 19/5, 407-439.
- Soliman, M. M., and R. K. Koopmans, 1992. Chapter 2: Climate, in H. C. J. van Zon and K. W. Jeanes (eds.), *Environmental Profile Fayoum Governorate, Egypt*, Euroconsult/Darwish Consulting Engineers, Arnhem, 5-7.
- Spielmann, K. A., and J. F. Eder, 1994. Hunters and Farmers: Then and Now, *Annual Review of Anthropology* 23, 303-323.
- Stanley, J. D., 2002. Configuration of the Egypt-to-Canaan Coastal Margin and North Sinai Byway in the Bronze Age, in E. C. M. van den Brink and T. E. Levy (eds.), *Egypt and the Levant: Interrelations from the 4th through the Early 3rd Millennium B.C.E.*, Leicester University Press, London, 98-117.
- Stark, M. T., 1998. Technical Choices and Social Boundaries in Material Culture Patterning: An Introduction, in M. T. Stark (ed.), *The Archaeology of Social Boundaries*, Smithsonian Institution Press, Washington, 1-11.
- Staubwasser, M., and H. Weiss, 2006. Holocene climate and cultural evolution in late prehistoric-early historic West Asia, *Quaternary Research* 66, 372-387.
- Stiner, M. C., and N. D. Munro, 2002. Approaches to Prehistoric Diet Breadth, Demography, and Prey Ranking Systems in Time and Space, *Journal of Archaeological Method and Theory* 9/2, 181-214.
- Sultan, M., N. Sturchio, F. A. Hassan, M. A. R. Hamdan, A. M. Mahmood, Z. El-Alfy and T. Stein, 1997. Precipitation source inferred from stable isotopic composition of Pleistocene groundwater and carbonate deposits in the Western Desert of Egypt, *Quaternary Research* 48, 29-37.
- Täckholm, V., 1990. Botanical Examination, in F. Debono and B. Mortensen (eds.), *El Omari*:

REFERENCES

- A Neolithic settlement and other sites in the vicinity of Wadi Hof, Helwan*, Philipp von Zabern, Mainz am Rhein, 115-116.
- Tainter, J. A., 2004. Persistent Dilemmas in American Cultural Resource Management, in J. Bintliff (ed.), *A Companion to Archaeology*, Blackwell, Oxford, 435-453.
- Tchernov, E., 1998. An attempt to synchronize the faunal changes with the radiometric dates and the cultural chronology in Southwest Asia, in H. Buitenhuis, L. Bartosiewicz and A. M. Choyke (eds.), *Archaeozoology of the Near East III*, ARC Publication, Groningen, 7-44.
- Tchernov, E., and O. Bar-Yosef, 1982. Animal exploitation in the Pre-Pottery Neolithic B period at Wadi Tbeik, Southern Sinai, *Paléorient* 8/2, 17-37.
- Testart, A., 1982. The significance of food storage among hunter-gatherers: residence patterns, population densities and social inequalities, *Current Anthropology* 23-5, 523-537.
- Thomas, J., 1999. Culture and Identity, in G. Barker (ed.), *Companion Encyclopedia of Archaeology*, Routledge, London, 431-469.
- Thorpe, I., 1996, *The Origins of Agriculture in Europe*, Routledge, London.
- Tixier, J., 1963. *Typologie de l'épipaléolithique du Maghreb*, Arts et Métiers Graphiques, Paris.
- Trigger, B., 1979. Anthropology and Egyptology: Egypt and the Comparative Study of Early Civilizations, in K. Weeks (ed.), *Egyptology and the Social Sciences*, The American University in Cairo Press, Cairo, 23-56.
- Trigger, B., 1997. Ancient Egypt in Cross-cultural Perspective, in J. Lustig (ed.), *Anthropology and Egyptology: A Developing Dialogue*, Sheffield Academic Press, Sheffield, 137-143.
- Torrence, R., 1983. Time budgeting and hunter-gatherer technology, in G. Bailey (ed.), *Hunter-Gatherer Economy in Prehistory: A European Perspective*, Cambridge University Press, Cambridge, 11-22.
- Torrence, R., 1989. Retooling: towards a behavioural theory of stone tools, in R. Torrence (ed.), *Time, energy and stone tools*, Cambridge University Press, Cambridge, 57-66.
- Uerpmann, H-P., 1987. *The Ancient Distribution of Ungulate Mammals in the Middle East: Fauna and Archaeological Sites in Southwest Asia and Northeast Africa*, Dr. Ludwig Reichert Verlag, Wiesbaden.
- Ugan, A., J. Bright and A. Rogers, 2003. When is technology worth the trouble? *Journal of Archaeological Science* 30, 1315-1329.
- Van Couvering, J. A., and J. A. Harris, 1991. Late Eocene age of Fayum mammal faunas, *Journal of Human Evolution* 21, 241-260.
- Van den Brink, E. C. M., 1987. A Geo-Archaeological Survey in the North-Eastern Nile Delta, Egypt: the First Two Seasons, A Preliminary Report, *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 43, 7-24.
- Van Neer, W., 1989. Fishing along the prehistoric Nile, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Later Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 49-56.
- Van Neer, W., 2004. Evolution of Prehistoric Fishing in the Nile Valley, *Journal of African Archaeology* 2/2, 251-269.
- Van Neer, W., A. Ervynck, L. J. Bolle and R. S. Millner, 2004. Seasonality only works in certain parts of the year: the reconstruction of fishing seasons through otolith analysis, *International Journal of Osteoarchaeology* 14: 457-474.
- Van Neer, W., and V. Linseele, 2007. *Fayum faunal report 2006 season*. Unpublished internal report.
- Van Neer, W., L. Lougas and A. D. Rijnsdorp, 1999. Reconstructing age distribution, season of capture and growth rate of fish from archaeological sites based on otoliths and vertebrae, *International Journal of Osteoarchaeology* 9, 116-130.
- Van Neer, W., E. Paulissen and P. M. Vermeersch, 2000. Chronology, subsistence and environment of the Late Palaeolithic fishing sites of Makhadma 2 and 4, in P. M.

REFERENCES

- Vermeersch (ed.), *Palaeolithic Living Sites in Upper and Middle Egypt*. Leuven University Press, Leuven, 271-287.
- Van Neer, W., and H-P. Uerpmann, 1989. Palaeoecological Significance of the Holocene Faunal Remains of the B.O.S.-Missions, in R. Kuper (ed.), *Forschungen zur Umweltgeschichte der Ostsahara*, Heinrich Barth Institut, Köln, 309-341.
- Van Zeist, W., and S. Bottema, 1991. *Late quaternary vegetation of the Near East*, Dr. Ludwig Reichert Verlag, Wiesbaden.
- Van Zeist, W., and G. J. de Roller, 1993. Plant remains from Maadi, a Predynastic site in Lower Egypt, *Vegetation History and Archaeobotany* 2, 1-14.
- Van Zeist, W., G. J. de Roller and A. G. E. Fahmy, 2003. An archaeobotanical study of Maadi, a Pre-Dynastic site in Lower Egypt, in W. van Zeist (ed.), *Reports on Archaeobotanical Studies in the Old World*, Groningen Institute of Archaeology, Groningen, 167-202.
- Verhoeven, M., 2004. Beyond Boundaries: Nature, Culture and a Holistic Approach to Domestication in the Levant, *Journal of World Prehistory* 18/3, 179-282.
- Vermeersch, P. M., 1978. *Elkab II: Epipaléolithique de la vallée du Nil égyptien*, Leuven University Press, Leuven.
- Vermeersch, P. M., 1984. Subsistence Activities on the Late Palaeolithic Sites of Elkab (Upper Egypt), in L. Krzyzaniak and M. Kobusiewicz (eds.), *Origin and Early Development of Food-Producing Cultures in North-Eastern Africa*, Poznan Archaeological Museum, Poznan, 137-142.
- Vermeersch, P. M., 1992. The Upper and Late Palaeolithic of Northern and Eastern Africa, in F. Klees and R. Kuper (eds.), *New Light on the Northeast African Past: Current Prehistoric Research*, Heinrich Barth Institut, Köln, 100-153.
- Vermeersch, P. M., 1994. L'homme et le Nil au paléolithique final, *Archéo-Nil* 4, 5-16.
- Vermeersch, P. M., (ed.), 2000. *Palaeolithic Living Sites in Upper and Middle Egypt*, Leuven University Press, Leuven.
- Vermeersch, P. M., 2002. The Egyptian Nile Valley during the Early Holocene, in Jennerstrasse 8 (eds.), *Tides of the Desert: Contributions to the Archaeology and Environmental History of Africa in Honour of Rudolph Kuper*, Heinrich Barth Institut, Köln, 27-40.
- Vermeersch, P. M. (ed.), 2008. *A Holocene Prehistoric Sequence in the Egyptian Red Sea Area: The Tree Shelter*, Leuven University Press, Leuven.
- Vermeersch, P. M., E. Paulissen and W. Van Neer, 1989. The Late Palaeolithic Makhadma Sites (Egypt): Their Environment and Subsistence in L. Krzyzaniak and M. Kobusiewicz (eds.), *Late Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 87-114.
- Vermeersch, P. M., E. Paulissen and D. Huyge, 2000. Makhadma 4, A Late Palaeolithic fishing site, in P. M. Vermeersch (ed.), *Palaeolithic Living Sites in Upper and Middle Egypt*, Leuven University Press, 227-270.
- Vermeersch, P. M., W. Van Neer and F. Gullentops, 2007. El Abadiya 3, Upper Egypt, a Late Palaeolithic site on the shore of a large Nile lake, in K. Kroeper, M. Chlodnicki and M. Kobusiewicz (eds.), *Archaeology of Early Northeastern Africa*, Poznan Archaeological Museum, Poznan, 375-424.
- Vermeersch, P. M., P. Van Peer, J. Moeyersons and W. Van Neer, 1994. Sodmein cave site, Red Sea Mountains (Egypt), *Sahara* 6, 31-40.
- Vermeersch, P. M., P. Van Peer, J. Moeyersons and W. Van Neer, 1996. Neolithic occupation of the Sodmein area, Red Sea Mountains, Egypt, in G. Pwiti and R. Soper (eds.), *Aspects of African Archaeology: Papers from the 10th Congress of the Pan African Association for Prehistory and Related Studies*, University of Zimbabwe Publications, Harare, 411-419.
- Vermeersch, P. M., P. Van Peer, J. Moeyersons and W. Van Neer, 2002. The Tree Shelter, a Holocene Site in the Red Sea Mountains, *Archéo-Nil* 12, 123-137.
- Vermeersch, P. M., P. Van Peer and V. Rots, 2005a. A Survey of the Bili Cave and its surroundings in the Red Sea Mountains, El

REFERENCES

- Gouna, Egypt, *Journal of African Archaeology* 3, 267-276.
- Vermeersch, P. M., P. Van Peer, V. Rots, L. Van Kerckhoven and W. Van Neer, 2005b. The Middle Holocene Shell Mound of El Gouna on the Red Sea (Egypt), *Journal of Field Archaeology* 30, 435-442.
- Von den Driesch, A., 1986. Tierknochenfunde aus Qasr el-Sagha/Fayum, *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 42, 1-8.
- Von den Driesch, A., and J. Boessneck, 1985. *Die Tierknochenfunde aus der neolithischen Siedlung von Merimde-Benisalâme am westlichen Nildelta*, Institut für Palaeoanatomie, Domestikationsforschung und Geschichte der Tiermedizin der Universität München, München.
- Wagstaff, M., 1991. The Archaeological 'Site' from a Geographical Perspectives, in A. J. Schofield (ed.), *Interpreting Artefact Scatters: Contributions to Ploughzone Archaeology*, Oxbow Books, Oxford, 9-10.
- Wanas, H. A., 2008. Calcite-cemented concretions in shallow marine and fluvial sandstones of the Birket Qarun Formation (Late Eocene), El-Faiyum depression, Egypt: Field, petrographic and geochemical studies: Implications for formation conditions, *Sedimentary Geology* 212, 40-48.
- Warburton, D. A., 2004. Towards new frameworks: Supra-regional concepts in Near Eastern Neolithization, *Paléorient* 30/1, 183-188.
- Warfe, A. R., 2003. Cultural Origins of the Egyptian Neolithic and Predynastic: An Evaluation of the Evidence from the Dakhleh Oasis (South Central Egypt), *African Archaeological Review* 20/4, 175-202.
- Wasylikowa, K., J. Harlan, J. Evans, F. Wendorf, R. Schild, A. E. Close, H. Krolik and R. Housley, 1993. Examination of botanical remains from early Neolithic houses at Nabta Playa, Western Desert, Egypt, with special reference to sorghum grains, in T. Shaw, P. Sinclair, B. Andah and A. Okpoko (eds.), *The Archaeology of Africa: food, metals and towns*, Routledge, London, 154-164.
- Wasylikowa, K., J. Mitka, F. Wendorf and R. Schild, 1997. Exploitation of wild plants by the early Neolithic hunter-gatherers of the Western Desert, Egypt: Nabta Playa as a case-study, *Antiquity* 71, 932-941.
- Wasylikowa, K., and J. Dahlberg, 1999. Sorghum in the Economy of the Early Neolithic Nomadic Tribes at Nabta Playa, Southern Egypt, in M. Van der Veen (ed.), *The Exploitation of Plant Resources in Ancient Africa*, Kluwer Academic/Plenum Publishers, New York, 11-31.
- Wasylikowa, K., H. N. Barakat, L. Boulos, A. Butler, J. A. Dahlberg, J. Hather and J. Mitka, 2001. Site E-75-6: Vegetation and Subsistence of the Early Neolithic at Nabta Playa, Egypt, Reconstructed from Charred Plant Remains, in F. Wendorf and R. Schild (eds.), *Holocene Settlement of the Egyptian Sahara, volume 1: The Archaeology of Nabta Playa*, Kluwer Academic/Plenum Publishers, New York, 544-591.
- Watkins, T., 2003. Developing socio-cultural networks, *Neo-Lithics* 2/03, 36-37.
- Watkins, T., 2006. Neolithisation in southwest Asia- the path to modernity, *Documenta Praehistorica* 33, 71-88.
- Watrin, L., 1998. The relationship between the Nile Delta and Palestine during the Fourth Millennium: From early exchanges (Naqada I-II) to the colonisation of southern Palestine (Naqada III), in C. J. Eyre (ed.), *Proceedings of the Seventh International Congress of Egyptologists*, Peeters, Leuven, 1215-1226.
- Watrin, L., 2003. Lower-Upper Egyptian interaction during the Pre-Naqada period: From initial trade contacts to the ascendancy of southern chiefdoms, in Z. Hawass and L. Pinch Brock (eds.), *Egyptology at the Dawn of the Twenty-first Century vol.2*, American University in Cairo Press, Cairo, 566-581.
- Wendorf, F., 1968. *The Prehistory of Nubia*, Southern Methodist University Press, Dallas.
- Wendorf, F., and R. Schild, 1976. *Prehistory of the Nile Valley*, Academic Press, New York.
- Wendorf, F., and R. Schild, 1980. *Prehistory of the Eastern Sahara*, Academic Press, New York.

REFERENCES

- Wendorf, F., and R. Schild, 1984. Report on Site E-80-2, in F. Wendorf, R. Schild and A. E. Close (eds.), *Cattle-Keeper of the Eastern Sahara: The Neolithic of Bir Kiseiba*, Southern Methodist University Press, Dallas, 298-306.
- Wendorf, F., and R. Schild, 1986. *The Prehistory of Wadi Kubbania Volume 1. The Wadi Kubbania Skeleton: A Late Paleolithic Burial from Southern Egypt*, Southern Methodist University Press, Dallas.
- Wendorf, F., and R. Schild, 1989. Summary and Synthesis, in F. Wendorf, R. Schild and A. E. Close (eds.), *The Prehistory of Wadi Kubbania, vol. 3: Late Paleolithic Archaeology*, Southern Methodist University Press, Dallas, 768-824.
- Wendorf, F., and R. Schild, 1994. Are the early Holocene cattle in the eastern Sahara domestic or wild? *Evolutionary Anthropology* 3, 118-128.
- Wendorf, F., and R. Schild, 1998. Nabta Playa and Its Role in Northeastern African Prehistory, *Journal of Anthropological Archaeology* 17, 97-123.
- Wendorf, F., and R. Schild, 1998. Nabta Playa and Its Role in Northeastern African Prehistory, *Journal of Anthropological Archaeology* 17, 97-123.
- Wendorf, F., and R. Schild, 2002a. Implications of Incipient Social Complexity in the Late Neolithic in the Egyptian Sahara, in R. Friedman (ed.), *Egypt and Nubia: Gifts of the Desert*, The British Museum Press, London, 13-20.
- Wendorf, F., and R. Schild, 2002b. The Role of Storage in the Neolithic of the Egyptian Sahara, in Jennerstrasse 8 (eds.), *Tides of the Desert: Contributions to the Archaeology and Environmental History of Africa in Honour of Rudolph Kuper*, Heinrich Barth Institut, Köln, 41-49.
- Wendorf, F., and R. Schild, 2003. Food economy and settlement system during the Neolithic in the Egyptian Sahara, in L. Krzyzaniak, K. Kroeper and M. Kobusiewicz (eds.), *Cultural Markers in the Later Prehistory of Northeastern Africa and Recent Research*, Poznan Archaeological Museum, Poznan, 145-157.
- Wendorf, F., and R. Schild, 2004. The Western Desert during the 5th and 4th millennia BC: The Late and Final Neolithic in the Nabta-Kiseiba Area, *Archéo-Nil* 14, 13-30.
- Wendorf, F., R. Schild and A. E. Close (eds.), 1984. *Cattle-Keeper of the Eastern Sahara: The Neolithic of Bir Kiseiba*, Southern Methodist University, Dallas.
- Wendorf, F., R. Schild and Associates, 2001. *Holocene Settlement of the Egyptian Sahara, volume 1: The Archaeology of Nabta Playa*, Kluwer Academic/Plenum Publishers, New York.
- Wendrich, W., and R. Cappers, 2005. Egypt's earliest granaries: evidence from the Fayum, *Egyptian Archaeology: The Bulletin of the Egypt Exploration Society* No.27, 12-15.
- Weninger, B., E. Alram-Stern, E. Bauer, L. Clare, U. Danzeglocke, O. Jöris, C. Kubatzki, G. Rollefson, H. Todorova and T. Van Andel, 2006. Climate forcing due to the 8200 cal yr BP event observed at Early Neolithic sites in the eastern Mediterranean, *Quaternary Research* 66, 401-420.
- Wenke, R., 1984. Early agriculture in the Southern Fayum Depression: some test survey results and research implications, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Origin and Early Development of Food-Producing Cultures in North-Eastern Africa*, Poznan Archaeological Museum, Poznan, 193-198.
- Wenke, R., 1989. Egypt: Origins of Complex Societies, *Annual Review of Anthropology* 18, 129-155.
- Wenke, R. J., 1990. *Patterns in Prehistory: Humankind's First Three Million Years (3rd ed.)*, Oxford University Press, Oxford.
- Wenke, R., P. Buck, J. Hanley, M. Lane, J. Long and R. Redding, 1983. The Fayyum Archaeological Project: Preliminary Report of the 1981 Season, *Newsletter of the American Research Center in Egypt* 122, 25-40.
- Wenke, R. J., J. E. Long and P. E. Buck, 1988. Epipaleolithic and Neolithic Subsistence and Settlement in the Fayyum Oasis of Egypt,

REFERENCES

- Journal of Field Archaeology* 15, 29-51.
- Wenke, R., and M. Casini, 1989. The Epipaleolithic-Neolithic transition in Egypt's Fayum Depression, in L. Krzyzaniak and M. Kobusiewicz (eds.), *Later Prehistory of the Nile Basin and the Sahara*, Poznan Archaeological Museum, Poznan, 140-155.
- Wenke, R., and D. Brewer, 1992. The Neolithic-Predynastic Transition in the Fayum Depression, in R. Friedman and B. Adams (eds.), *The Followers of Horus: Studies dedicated to Michael Allen Hoffman*, Oxbow Books, Oxford, 175-184.
- Wetterstrom, W., 1993. Foraging and farming in Egypt: the transition from hunting and gathering to horticulture in the Nile Valley, in T. Shaw, P. Sinclair, B. Andah and A. Okpoko (eds.), *The Archaeology of Africa: Food, Metals and Towns*, Routledge, London, 165-226.
- Wetterstrom, W., 1996. La chasse-cueillette et l'agriculture en Égypte: la transition de la chasse et de la cueillette à l'horticulture dans la vallée du Nil, *Archéo-Nil* 6, 27-49.
- Wetterstrom, W., 1998. The Origins of Agriculture in Africa: With Particular Reference to Sorghum and Pearl Millet, *The Review of Archaeology* 19/2, 30-46.
- Whallon, R., 2006. Social networks and information: Non-"utilitarian" mobility among hunter-gatherers, *Journal of Anthropological Archaeology* 25, 259-270.
- Whittaker, J. C., 1994. *Flintknapping: Making and understanding stone tools*, University of Texas Press, Austin.
- Wiessner, P., 1983. Style and social information in Kalahari San projectile points, *American Antiquity* 48/2, 253-276.
- Wiessner, P., 1996. Introduction: Food, Status, Culture, and Nature, in P. Wiessner and W. Schiefenhovel (eds.), *Food and Status Quest: An Interdisciplinary Perspective*, Berghahn Books, Oxford, 1-18.
- Willcox, G., 2002. Geographical variation in major cereal components and evidence for independent domestication events in Western Asia, in R. T. J. Cappers and S. Bottema (eds.), *The Dawn of Farming in the Near East*, ex oriente, Berlin, 133-140.
- Willcox, G., 2005. The distribution, natural habitats and availability of wild cereals in relation to their domestication in the Near East: multiple events, multiple centres, *Vegetation History and Archaeobotany* 14, 534-541.
- Wilson, P., 2006. Prehistoric settlement in the western Delta: A regional and local view from Sais (Sa el-Hagar), *Journal of Egyptian Archaeology* 92, 75-126.
- Wilson, P., and G. Gilbert, 2002. Pigs, Pots and Postholes, *Egyptian Archaeology: The Bulletin of the Egypt Exploration Society* 21, 12-13.
- Wilson, P., and G. Gilbert, 2003. The Prehistoric Period at Sais, *Archéo-Nil* 13, 65-72.
- Winterhalder, B., and D. J. Kennett, 2006. Behavioral Ecology and the Transition from Hunting and Gathering to Agriculture, in D. J. Kennett and B. Winterhalder (eds.), *Behavioral Ecology and the Transition to Agriculture*, University of California Press, Berkeley, 1-21.
- Winterhalder, B., and E. A. Smith, 1992. Evolutionary Ecology and the Social Sciences, in E. A. Smith and B. Winterhalder (eds.), *Evolutionary Ecology and Human Behavior*, Aldine de Gruyter, New York, 3-23.
- Winterhalder, B., and E. A. Smith, 2000. Analyzing adaptive strategies: Human behavioral ecology at twenty-five, *Evolutionary Anthropology* 9, 51-72.
- Wright, H., 1993. Environmental Determinism in Near Eastern Prehistory, *Current Anthropology* 34, 458-469.
- Wright, K., 2005. The emergence of cooking in Southwest Asia, *Archaeology International* 2004/05, 33-37.
- Wright, K., and A. Garrard, 2003. Social identities and the expansion of stone bead-making in Neolithic Western Asia: new evidence from Jordan, *Antiquity* 77, 267-284.
- Zahran, M. A., and A. J. Willis, 1992. *The Vegetation of Egypt*, Chapman & Hall, London.
- Zeder, M. A., 2000. Animal domestication in the

REFERENCES

- Zagros: a review of past and current research, *Paléorient* 25/2, 27-48.
- Zeder, M. A., 2005. A View from the Zagros: new perspectives on livestock domestication in the Fertile Crescent, in J.-D. Vigne, J. Peters and D. Helmer (eds.), *First Steps of Animal Domestication: New archaeozoological approaches*, Oxbow Books, Oxford, 125-146.
- Zeder, M. A., 2008. Domestication and early agriculture in the Mediterranean Basin: Origins, diffusion, and impact, *Proceedings of the National Academy of Sciences* 105/33, 11597-11604.
- Zohary, D., 1989. Domestication of the Southwest Asian Neolithic crop assemblage of cereals, pulses, and flax: the evidence from the living plants, in D. R. Harris and G. C. Hillman (eds.), *Foraging and Farming: The Evolution of Plant Exploitation*, Unwin Hyman, London, 358-373.
- Zohary, D., and M. Hopf, 1993. *Domestication of Plants in the Old World: The Origin and Spread of Cultivated Plants in West Asia, Europe, and the Nile Valley*, Clarendon Press, Oxford.
- Zvelebil, M., 1986a. Mesolithic prelude and Neolithic revolution, in M. Zvelebil (ed.), *Hunters in Transition: Mesolithic Societies of Temperate Eurasia and Their Transition to Farming*, Cambridge University Press, Cambridge, 5-15.
- Zvelebil, M., 1986b. Mesolithic societies and the transition to farming: problems of time, scale and organisation, in M. Zvelebil (ed.), *Hunters in Transition: Mesolithic Societies of Temperate Eurasia and Their Transition to Farming*, Cambridge University Press, Cambridge, 167-188.
- Zvelebil, M., and P. Rowley-Conwy, 1984. Transition to farming in northern Europe: A hunter-gatherer perspective, *Norwegian Archaeological Review* 17, 104-128.