

**SPRAWOZDANIA
ARCHEOLOGICZNE**

INSTYTUT ARCHEOLOGII I ETNOLOGII
POLSKIEJ AKADEMII NAUK

SPRAWOZDANIA ARCHEOLOGICZNE



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Journal articles

Bogucki P. 1993. Animal traction and household economies in Neolithic Europe. *Antiquity* 67(256), 492-503.

Kruk J. and Milisauskas S. 1983. Chronologia absolutna osadnictwa neolitycznego z Bronocic, woj. kieleckie. *Archeologia Polski* 28/2, 257-320.

Single-author/editor books

Czerniak L. 1980. *Rozwój społeczeństw kultury późnej ceramiki wstęgowej na Kujawach*. Poznań: Wydawnictwo Naukowe UAM.

Hodder I. (ed.) 1991. *Archaeological theory in Europe. The last three decades*. London: Routledge.

Zych R. 2008. *Kultura pucharów lejkowatych w Polsce południowo-wschodniej (= Collectio Archaeologica Ressoviensis 7)*. Rzeszów: Instytut Archeologii UR.

Multiple author/editor books

Kristiansen K. and Larsson T. B. 2005. *The Rise of Bronze Age Society. Travels, Transmissions and Transformations*. Cambridge: Cambridge University Press.

Czebreszuk J. and Müller J. (eds) 2004. *Ausgrabungen und Forschungen in einer prähistorischen Siedlungskammer Großpolens 1. Forschungsstand. Erste Ergebnisse. Das östliche Feuchtbodenareal (= Studien zur Archäologie in Ostmitteleuropa 2)*. Poznań, Kiel, Rahden (Westf.): UAM w Poznaniu, CAU zu Kiel.

Contribution to a book

Iwaniszewski S. 2006. Megalityczny obrządek pogrzebowy i neolityczny krajobraz w mikroregionie stryczowickim na Wyżynie Sandomiersko-Opatowskiej. In J. Libera and K. Tunia (eds), *Idea megalityczna w obrządku pogrzebowym kultury pucharów lejkowatych*. Lublin, Kraków: Instytut Archeologii UMCS, Instytut Archeologii i Etnologii PAN, 259-269.

Kulczycka-Leciejewiczowa A. 2006. Kultura ceramiki wstęgowej klutej w południowej Polsce. In M. Kaczanowska (ed.), *Dziedzictwo cywilizacji naddunajskich: Małopolska na przełomie epoki kamienia i miedzi (= Biblioteka Muzeum Archeologicznego w Krakowie 1)*. Kraków: Muzeum Archeologiczne, 9-21.

In the case of subsequent works by the same author in the list of references, the name is repeated in all cases and followed by the date of publication.

Gediga B. 2007. Problemy obrazu kultury wczesnej epoki żelaza na Śląsku w świetle nowych badań terenowych. *Śląskie Sprawozdania Archeologiczne* 49, 123-146.

Gediga B. 2010. Śląsk – regionalna prowincja kultury halsztackiej. In B. Gediga and W. Piotrowski (eds), *Rola głównych centrów kulturowych w kształtowaniu oblicza kulturowego Europy Środkowej we wczesnych okresach epoki żelaza (= Biskupińskie Prace Archeologiczne 8; PAN O/Wrocław. Prace Komisji Archeologicznej 18)*. Biskupin, Wrocław: Muzeum Archeologiczne w Biskupinie, Komisja Archeologiczna PAN O/Wrocław, 187-218.