1. Record Nr. UNINA9910557998603321

Autore	Pollard A. M.
Titolo	Beyond Provenance : New Approaches to Interpreting the Chemistry of Archaeological Copper Alloys / / A. M. Pollard ; with P. Bray [and eight others]
Pubbl/distr/stampa	Leuven : , : Leuven University Press, , 2018 ©2018
Descrizione fisica	1 online resource (232 pages) : illustrations (some color), charts, maps
Collana	Studies in archaeological sciences, ; ; Volume 6.0
Disciplina	930.1028
Soggetti	Copper alloys Archaeological chemistry Bronze age
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	For the last 180 years, scientists have been attempting to determine the 'provenance' (geological source) of the copper used in Bronze Age artefacts. However, despite advances in analytical technologies, the theoretical approach has remained virtually unchanged over this period, with the interpretative methodology only changing to accommodate the increasing capacity of computers. This book represents a concerted effort to think about the composition of Bronze Age metal as the product of human intentionality as well as of geology. It considers the trace element composition of the metal, the alloying elements, and the lead isotopic composition, showing how a combination of these aspects, along with archaeological context and typology, can reveal much more about the life history of such artefacts, expanding considerably upon the rather limited ambition of knowing where the ore was extracted.