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Nota di contenuto	Internal and external impulses for the development of ancient Chinese metallurgy -- Iron sources and technologies during the Early Iron Age in the Northern Pontic region -- Lead isotope analysis of the Bronze Age metal from the steppe of the Cis- and Trans-Urals -- Metalworking and metallurgical slag in the Tokskoe Late Bronze Age settlement -- Arrowheads from Two Sarmatian Burials of the One Mound: Metal Composition and Shape Relation -- The ancient Bronzes of Bashkiria: findings on the composition of non-ferrous metal obtained at the burial grounds of the Bronze Age -- Mineral Composition of the Ground Material from the Stone Pestles of the Gonur-Depe Administrative and Religious Center (South-Eastern Karakum -- Comparison of the results of studying the alloy composition of coins of the Chersonesos minting during Roman and

Byzantine times -- A Crucible with Solidified Substance or an Ore Sample: Experience of the Complex Analysis of a Unique Find of the Chepetskaya Archaeological Culture -- Kazburun archaeological micro-district of the Late Bronze Age and copper ore mines in the Southern Trans-Urals.

Sommario/riassunto

This book of Springer Proceedings in Geoarchaeology and Archaeological Mineralogy contains selected papers presented at the 7th Geoarchaeology Conference, which took place during October 19–23, 2020, at the South Urals Federal Research Center, Ural Branch of Russian Academy of Sciences, Miass, Russia. The Proceedings combine studies in archeometry, geoarchaeology, and ancient North Eurasian technologies, including paleometallurgy, stone tools investigation, past exploitation of geological resources, bioarchaeology, residue analysis, pottery, and lithics studies. This book also specializes in various non-organic materials, rocks, minerals, ores, and metals, especially copper and metallurgical slags. Many types of research also use modern analytical methods of isotopic, chemical, and mineralogical analysis to address the composition and structure of ancient materials and the technological practices of past human populations of modern Russia, Ukraine, Turkmenistan, Tajikistan, and Mongolia. This book is intended for archaeologists, historians, museum workers, and geologists, as well as students, researchers from other disciplines, and the general public interested in the interdisciplinary research in the field of archaeology and archaeological materials, strategies and techniques of past quarrying, mining, metallurgy and lithic technologies at different chronological periods in Eurasian steppe and adjacent forest zone.