

1. Record Nr.	UNINA9910954857303321
Titolo	Obsidian and ancient manufactured glasses // edited by Ioannis Liritzis and Christopher M. Stevenson
Pubbl/distr/stampa	Albuquerque, : University of New Mexico Press, 2012
ISBN	9781283636827 1283636824 9780826351616 0826351611
Edizione	[1st ed.]
Descrizione fisica	1 online resource (237 p.)
Altri autori (Persone)	LiritzisIoannis StevensonChristopher M <1952-> (Christopher Moore)
Disciplina	748.20937
Soggetti	Hydration rind dating Obsidian Glassware, Ancient
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Aspects of secondary ion mass spectrometry (SIMS) depth profiling for obsidian hydration dating / Steven W. Novak and Christopher M. Stevenson -- Obsidian hydration chronometrics using SIMS and optical methods from 26-year temperature-controlled exposures / Wallace Ambrose and Steven W. Novak -- The SIMS-SS obsidian hydration dating method / Ioannis Liritzis and Nikolaos Laskaris -- Temperature correction for obsidian hydration dating / Alexander K. Rogers -- Obsidian dating and source exploitation studies in Africa : implications for the evolution of human behavior / Stanley H. Ambrose -- Provenance of Peruvian Wari obsidian : comparing INAA, LA-ICP-MS, and portable XRF / Patrick Ryan Williams, Laure Dussubieux, and Donna J. Nash -- New perspectives on obsidian procurement and exchange at Tiwanaku, Bolivia / Michael D. Glascock and Martin Giesse -- Volcanic glass procurement and use in the late Paleolithic, Central Primorye, Far East Russia / Trudy Doelman, Robin Torrence, Vladimir Popov, Nikolai Kluyev, and Igor Sleptsov -- Obsidian provenance at several Italian and Corsican archaeological sites using the non-destructive x-ray

fluorescence method / Anna Maria De Francesco, Marco Bocci, Gino Mirocle Crisci, and Vincenzo Francaviglia -- Polynesian volcanic glass : uses, sourcing, and distribution / Marshall Weisler -- Glass vessels in Sub-saharan Africa : a compositional study of samples from Mtwapa, Kenya / Laure Dussubieux and Chapurukha M. Kusimba -- On the provenance of Roman glasses / Caroline M. Jackson -- Characterization and provenance of archaeological glass artifacts from mainland and Aegean Greece / Konstantinos G. Beltsios, Artemios Oikonomou, Nikolaos Zacharias, and Pavlos Triantafyllidis -- The provenance of ancient man-made glass : raw materials and the use of chemical and isotopic analytical techniques / Julian Henderson -- Thoughts on natural and manufactured glass studies in a 21st-century archaeology / M. Steven Shackley.

Sommario/riassunto

This edited volume offers archaeologists and archaeometrists the latest technical information, the fundamentals of provenance studies, instrumentation used in these investigations, and strategies for the dating and interpretation of archaeological materia
