

CONTENTS

Session 4: System of extraction: mining, pollution, technology

Panel 4.1: Roman Mining: Dimensions, Scale and Social and Territorial Implications

Marco Conti

La Gestione Mineraria Dell'asia Minore In Epoca Romana 5

Panel 4.5: Roman and Late Antique Industries

Dagmara Wielgosz-Rondolino

Marmora Asiatica. Polish Studies on Marbles from Asia Minor 19

Ameur Younès

Roman Marble Stone Quarries in Jbel Saïkha and Jbel Essouïnia
(Toujane – Tunisia): From Extraction to Uses 21

Zdravko Dimitrov

Travelling Stone Masons in Roman Thrace –
New Evidence for the Distribution of Marble, Architectural Traditions
and Sculptural Models during the Principate 35

Session 5: Distribution: trade and exchange, monetarization, credit, networks, transport, infrastructure (e.g. ports)

Panel 5.1: The Friction of Connectivity – Greco-Roman Trade in Archaeology and Texts

Peter F. Bang – Mark L. Lawall – John Lund

Introduction 53

Mark L. Lawall

Friction in Aegean-Pontic Trade: Transport Amphoras, Geography
and Economy (Late 6th through 4th Centuries BC) 57

Kristian Göransson	
Cyrenaica and the Neighbours: Evidence of Trade and Absence of Evidence	67
Roberta Tomber	
Trade beyond the Empire: the Quantification of Roman Amphorae and the Implications for Indo-Mediterranean Trade	77
Panel 5.2: Tolls and Ancient Economies	
Peter Kritzinger	
Handelsprotektionismus im römischen Kaiserreich?	85
Panel 5.6: Distribution of Greek Vases	
Eleni Zimi	
Change and Continuity in the Consumption of Attic Pottery in Cyrenaica in Classical Times: The Case of Euesperides	97
Marcella Accolla	
Le importazioni di vasi attici a figure nere e a figure rosse a Gela nel secondo venticinquennio del V sec. a. C.	119
Bettina Kreuzer	
The Leagros Group and the Mechanisms of Trade: Trademarks Revisited	133
Panel 5.13: Networks at Work: Trade and Transport of Roman Building Materials in the Mediterranean	
Elizabeth Jane Shepherd	
Selling Tiles by the Thousands. Roman CBM Cargoes in the Mediterranean	149
Francesca Diosono	
The Timber Trade and Transport in Roman Italy	153
Lynne C. Lancaster	
Transport and Trade of Volcanic Building Materials in the Mediterranean: State of the Question	171
Justin Leidwanger	
Contextualizing the Late Antique Stone Trade: The Marzamemi “Church Wreck” Reconsidered	175

Panel 5.14: Trade and Commerce in the Harbour Town of Ostia

Alice Landskron – Mariarosaria Barbera

Introduction 181

Simone Ciambelli

Il patronato dei *collegia* professionali e l'ascesa sociale dei *collegiati*
ad Ostia (II–III secolo d. C.) 183

Ghislaine van der Ploeg

Identity, Trade, and Mobility in Ostia Antica 187

Paola Baldassarri

Spain – Ostia – Rome: Evidence of Economic and Artistic Relationships
from the Excavations of the Palazzo Valentini in Rome 191

Ria Berg

Il *modius* ostiense – simbolo dell'unità e della diversità economica dell'Impero 195

Marcello Turci

The Development of the Maritime District of Ostia
from the 3rd to the Beginning of the 6th Century AD 199

**Panel 5.19: Roman Transport Systems I: New Insights
on the Roman Transportation Systems. New Applications
and Methodologies for a Better Understanding
of the Transportation Networks and the Movement
of Commodities**

Cristina Corsi

Nodes. New Perspectives on Road- and River-Stations
and Communication Networks in Roman Italy 207

Panel 5.20: Roman Transport Systems

Koenraad Verboven

Rivers and Lakes in the Roman Transport Economy 223

Jean-Paul Bravard

Changing Rivers during the Roman Period: Climate and Human Action 227

Tyler Franconi The Environmental Context of Riverine Trade in the Roman World	231
Mark R. Groenhuijzen – Philip Verhagen How Central are Local Centres? Testing Archaeological Hypotheses of the Dutch Part of the Roman Limes through Spatial Analysis and Network Science	235
Panel 5.21: Trade and Cultural Contact in the Iron Age and Archaic Mediterranean	
Andrea Celestino Montanaro Cultural Processes and Circulation of Prestige Goods in Pre-Roman Apulia. The Influences of the Orientalizing Period and the Relations with Greeks and Etruscans	243
Enrico Giovanelli Aegyptiaca in Central Tyrrhenian Italy: Sea Routes, Traders and Ideas	267
Lorenzo Zamboni Trading in the Multicultural <i>Emporia</i> of the Po Valley. Weighing Systems and Proto-Currencies	279
Martina Čelhar – Igor Borzić – Gregory Zaro Pottery as an Indicator of Trade Dynamics and Cultural Contacts in the Eastern Adriatic	301
Francisco B. Gomes Trade and Consumption of Mediterranean Perfumes in the Iron Age Iberian Peninsula: An Overview	317
Chiara Tarditi Use and Function of Greek Bronze Vessels in Indigenous Societies	327
Panel 5.23: Transport Amphorae	
Rebecca Klug Transport Amphorae and the Historical Space: Similarities and Differences in the Distribution of Transport Amphorae in Sicily and South Italy	343

Daniel Mateo Corredor The Trade of Adriatic Wine in the Southern Iberian Peninsula and its Connection with the Economic and Social Transformations in the Context of the Roman Civil Wars	357
Daniel J. Martín-Arroyo Sánchez Trade and Institution from Alexandria to Rome: The Amphorae from Pompeii	369
Pablo Ozcáriz-Gil Los grafitos “ante cocturam” de las ánforas Dressel 20. Propuesta de sistematización para la elaboración de un corpus	385
Marta Bajtler Who in Antiquity Sealed Amphorae and Stamped Stoppers? An Attempt to Understand the Process Based on Examples of Finds from Berenike (Egypt) and Risan (Montenegro)	397
Panel 5.24: Greek Coinage	
José Miguel Puebla Morón El ataque cartaginés a Acragante en 406 a. C.: Análisis numismático	403
Antonia G. Nikolakopoulou Burial Coins in the Peloponnese: Testimonies of Monetary Relations and Coin Circulation	411
Nadia Coutsinas – Vassiliki E. Stefanaki Defence and Coinage in Late Classical and Hellenistic Crete	423
Panel 5.25: Roman Coinage	
Renata Cantilena – Federico Carbone – Giacomo Pardini Paestum, Velia, Pompeii: Monetary Policies in Tyrrhenian Campania from the 2 nd Century BC to the 1 st Century AD	441
Barbara Zając Coin Evidence for the Integration of the Cities of Bithynia and Pontus during the Reign of Trajan?	445

Zakia Ben Hadj Naceur Loum Le trésor de Sbiba (Tunisie) : un autre témoignage du monnayage vandale en Afrique	455
Hristo Preshlenov City Supplies, Currency and Payments along the Pontic Coast of the Roman Provinces Moesia Inferior and Thracia	467
Noé Conejo Monnaie et marchandise : la consommation dans les <i>villae</i> romaines de la Lusitanie	487
Johannes Eberhardt Assessing Italian Cast Coinage	497
George Azzopardi Common Concerns, Assimilated Cults: an Assimilation of Tanit with Ceres in Early Roman Melite	511
Steven Hijmans Art and Economy: Images on Roman Coins	521