

---

# Contents

1	Introduction – Troia and Natural Sciences . . . . .	1
	M. Korfmann	

## Historical and Geological Context of the Troad

2	The Case for Historical Significance in Homer's Landmarks at Troia . . . . .	9
	J. V. Luce	
3	The Relationship Between Man and Landscape in the Troad During the Ottoman Period . . . . .	31
	R. Aslan	
4	Heidelberg Radiocarbon Dates for Troia I to VIII and Kumtepe	43
	B. Kromer, M. Korfmann, P. Jablonka	
5	Seismotectonics and Geology of Troia and Surrounding Areas, Northwest Anatolia . . . . .	55
	Y. Yilmaz	
6	The Link Between the Black Sea and the Mediterranean Since the End of the Last Ice Age: Archaeology and Geology . . . . .	77
	P. Jablonka	
7	On the Oscillations of the Black Sea Level in the Holocene Period from an Archaeological Viewpoint . . . . .	95
	B. Govedarica	
8	The Black Sea, the Sea of Marmara and Bronze Age Archaeology – an Archaeological Predicament . . . . .	105
	M. Özdogan	

- 9 Delta Evolution and Culture – Aspects of Geoarchaeological Research in Miletos and Priene . . . . . 121  
H. Brückner

## Mineral Deposits and Materials

- 10 Early Bronze Age Metallurgy in the Northeast Aegean . . . . . 143  
E. Pernicka, C. Eibner, Ö. Öztunalı, G. A. Wagner
- 11 On the Composition and Provenance of Metal Finds from Beşiktepe (Troia) . . . . . 173  
F. Begemann, S. Schmitt-Strecker, E. Pernicka
- 12 Provenance of White Marble Building Stones in the Monuments of Ancient Troia . . . . . 203  
J. Zöldföldi, M. Satır
- 13 Provenance Studies of Pottery and Granite Columns in Troia . . 223  
M. Satır, J. Zöldföldi
- 14 On the Origin of Coarse Wares of Troia VII . . . . . 233  
M. Guzowska, I. Kuleff, E. Pernicka, M. Satır

## Archaeobiology

- 15 Environmental Aspects of Economic Changes in Troia . . . . . 251  
H. P. Uerpman
- 16 Troia and Fallow Deer . . . . . 263  
M. Fabiš
- 17 Trojan Bird Remains – Environment and Hunting . . . . . 277  
P. Krönneck
- 18 Proposal of an Effective Concept for the Troad – a Strategy for the Preservation of an Important Ecological Building Block in the International System of Bird Migration . . . . . 285  
G. Schwaderer

19	Rural Plenty: the Result of Hard Work – Rich Middle Bronze Age Plant Remains from Agios Mamas, Chalkidike . . . . .	293
	H. Kroll	
20	Regional Palaeodemographic Aspects of Troia and Its Ecosystem . . . . .	303
	U. Wittwer-Backofen	
 <b>Landscape Change of the Trojan Site and Plain</b>		
21	Some Open Questions About the Plain of Troia . . . . .	317
	E. Zanger	
22	The Geophysical Mapping of the Lower City of Troia/Ilion . . .	325
	H. G. Jansen, N. Blindow	
23	Stratigraphy, Geochemistry and Geochronometry of Sedimentary Archives Around Hisarlik Hill – a Pilot Study . .	341
	J. Göbel, M. Satır, A. Kadereit, G. A. Wagner, I. Kayan	
24	Sedimentary Facies Patterns and the Interpretation of Paleogeographies of Ancient Troia . . . . .	361
	J. C. Kraft, I. Kayan, H. Brückner, G. Rapp	
25	Geoarchaeological Interpretations of the “Troian Bay” . . . .	379
	I. Kayan, E. Öner, L. Uncu, B. Hocaoğlu, S. Vardar	
<b>References</b> . . . . .		403
<b>Index</b> . . . . .		433