Evaluation of land surfaces cleared from forests by prehistoric man in Early Neolithic times and the time of migrating Germanic tribes

Edited by Burkhard Frenzel

Co-edited by Ludwig Reisch & Birgit Gläser

57 figures and 5 tables



Gustav Fischer Verlag · Stuttgart · Jena · New York · 1992

CONTENTS

Addresses of the authors	VII
Preface: Ludwig Reisch	IX
Methodological approaches towards the problem of evaluating pre- historic land clearance	
SVEND T. ANDERSEN: Pollen proxy data for human impact on vegetation, based on methodological experiences	1
WILLY GROENMAN-VAN WAATERINGE: The impact of man on the Neolithic and Bronze Age landscape of The Netherlands from a general methodological aspect	13
LESZEK STARKEL: The feedback mechanisms between the environmental systems and the behaviour of prehistoric man	25
Land clearance during Early Neolithic times (about 6500 yr B.P.)	
P. J. R. Modderman: Speculations on the earliest attack of farming communities on their environment in continental Europe	39
JENS LÜNING & ARIE KALIS: The influence of Early Neolithic settlers on the vegetation of the Lower Rhinelands and the determination of cleared areas based on archaeological and palynological criteria	41
CORRIE C. BAKELS: Research on land clearance during the Early Neolithic in the loess regions of The Netherlands, Belgium and Northern France	47
RICHARD POTT: The impact of Early Neolithic agriculture on the vegetation of Northwestern Germany	57
KRYSTYNA WASYLIKOWA: Environmental changes during Neolithic times in the Cracow area	73
KLAUS-DIETER JÄGER & ROBERT NEUHÄUSL: Interactions between natural environment and Neolithic man in Central Europe - an investigation based on comparative studies on vegetation and settlement with special emphasis on the view of natural science	75

THOMAS LITT: Investigations on the extent of the Early Neolithic settlement in the Elbe-Saale region and on its influence on the natural environment	83
IAN G. SIMMONS: Forest recession in England and Wales around 6500 yr B.P.: types of evidence	93
KRISTINA JENNBERT: Evaluation of human impact on vegetation and the determination of areas cleared from forests in Southern Scandinavia during Late Mesolithic and Neolithic times	103
WIL A. CASPARIE: Neolithic deforestation in the region of Emmen (The Netherlands)	115
PILAR LÓPEZ: Pollen analyses of archaeological sites situated in Lower Aragon	129
MAŁGORZATA LATAŁOWA: Forest changes at the Mesolithic/Early Neolithic transition and in the Migration Period on Wolin island (NW Poland)	139
KARL-ERNST BEHRE: The palaeoenvironment around prehistoric settlements in Northern Germany and the extension of deforested areas (with special emphasis on the Neolithic and the time slice around 500 A.D.)	157
Land clearance during the time of migrating Germanic tribes (500 A.D.)	
Walter Dörfler: Landscape development about 6500 B.P. and about 500 A.D. in Kosel, Schleswig-Holstein	161
HELMUT KROLL: Contributions to the prehistoric agriculture at Kosel	169
DIETRICH MEIER: Settlement archaeological research in Angeln and Schwansen	175
WALTER JANSSEN: "Landnahme" and "Landesausbau" - Variations of early environmental alterations	181
STIG WELINDER: Quantifying the Iron Age landscape of South Sweden	191
HENRIK THRANE: The impact of rural man on the local vegetation during the Late Roman Period and the Later Iron Age on the Isle of Fyn	207
Periodical title abbreviations	223