

# CONTENTS

|  |            |
|--|------------|
| <b>Addresses of the authors</b>  | <b>VII</b> |
| <b>Preface: LUDWIG REISCH</b>  | <b>IX</b>  |
| <b>Methodological approaches towards the problem of evaluating pre-historic land clearance</b>   |            |
| 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         |
| <b>Land clearance during Early Neolithic times (about 6500 yr B.P.)</b>  |            |
| 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 Rhineland 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         |
| KRYSZYNA 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 |
| <b>Land clearance during the time of migrating Germanic tribes (500 A.D.)</b>  |     |
| 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 |
| <b>Periodical title abbreviations</b>  | 223 |