

THE QUATERNARY OF
EAST YORKSHIRE AND
NORTH LINCOLNSHIRE

Field Guide

Edited by
M.D. Bateman, P.C. Buckland,
C.D. Frederick & N.J. Whitehouse

Contents

| | |
|---|------|
| Contents | iii |
| Contributors | v |
| Location map | vii |
| Acknowledgements | viii |
| Preface | ix |
| Introduction to the Late Quaternary of East Yorkshire and North Lincolnshire | |
| The Glacial History of East Yorkshire <i>D.J.A. Evans, S.A. Thomson & C.D. Clark</i> | 1 |
| Late Quaternary Record from Beyond the Icesheets <i>M.D. Bateman & P.C. Buckland</i> | 13 |
| The Regional Fluvial Record <i>A.J. Howard</i> | 21 |
| Regional Late Quaternary Marine and Perimarine Record <i>J.R. Kirby</i> | 25 |
| Regional Vegetational History <i>J.C. Tweddle</i> | 35 |
| Holocene Human-Landscape Interactions <i>M.C. Lillie</i> | 47 |
| Day 1: The Holderness Coast | |
| Dimlington Cliff <i>J.A. Catt</i> | 53 |
| Routh Quarry <i>B.R. Gearey & M.C. Lillie</i> | 69 |
| Gembling <i>S.A. Thomson & D.J.A. Evans</i> | 73 |
| Sewerby <i>J.A. Catt</i> | 83 |
| Speeton Cliff <i>G.D. Gaunt</i> | 89 |
| Fimber <i>P.C. Buckland</i> | 97 |
| Day 2: Ice Marginal North Lincolnshire | |
| Armthorpe <i>P.C. Buckland</i> | 99 |
| South Ferriby Cliff and Eastfield Farm <i>C.D. Frederick, P.C. Buckland, M.D. Bateman & B. Owens</i> | 103 |
| Yarborough Quarry <i>J.B. Murton, M.D. Bateman & M. Dinnin</i> | 113 |

iv Contents

| | |
|---|-----|
| Twigmoor Woods | 127 |
| <i>M.D. Bateman, C. Bristow & I. Livingstone</i> | |
| Black Walk Nook | 135 |
| <i>M.D. Bateman</i> | |
| Day 3: The Humberhead Levels | |
| Gringley-on-the-Hill | 139 |
| <i>P.C. Buckland</i> | |
| Cove Farm Quarry | 141 |
| <i>M.D. Bateman, P.C. Buckland, R. Carpenter, S. Davies, C.D. Frederick, B.R. Gearey, J.B. Murton & N.J. Whitehouse</i> | |
| Star Carr | 161 |
| <i>M. Dinnin & M. Welsh</i> | |
| Thorne, Bradholme and Tudworth | 165 |
| <i>P.C. Buckland</i> | |
| The Humberhead Peatlands | 167 |
| <i>N.J. Whitehouse, G. Boswijk & P.C. Buckland</i> | |
| Thorne Moor | 169 |
| <i>G. Boswijk, N.J. Whitehouse, B.M. Smith & P.C. Buckland</i> | |
| Hatfield Moor | 179 |
| <i>N.J. Whitehouse, P.C. Buckland, G. Boswijk & B.M. Smith</i> | |
| Lindholme Island | 185 |
| <i>N.J. Whitehouse, P.C. Buckland, P. Wagner & B.M. Smith</i> | |
| The Ontogeny of Thorne and Hatfield Moors | 195 |
| <i>N.J. Whitehouse, P.C. Buckland, G. Boswijk & B.M. Smith</i> | |
| References | 199 |

