## **Quaternary of South-West England**

## **Contents**

**Title page and preliminaries** 

**Contributors** 

Acknowledgements

**Access to the Countryside** 

**Preface** 

1 Introduction to the Quaternary

Introduction

The character of the Quaternary

Climate change in the Quaternary

The deep-sea record

Subdividing the Quaternary

The history of the ice ages

British Quaternary environments

The challenge for Quaternary science

<u>2 The geomorphological evolution and Quaternary history of South-West England: a rationale for the selection and conservation of sites</u>

The principles and methodology of the Geological Conservation Review

Introduction

Site selection guidelines and site networks

The geomorphological and Quaternary evolution of South-West England: a synthesis

The pre-Quaternary inheritance

Quaternary events prior to the Devensian Stage

The Devensian Stage

The Devensian late-glacial and Holocene

3 Pre-Quaternary and long-term landscape evolution

The pre-Quaternary inheritance

Beer Quarry
St Agnes Beacon
4 Granite landscapes
Introduction
Granite landforms and weathering products
<u>Merrivale</u>
Believer Quarry
Two Bridges Quarry
Devensian late-glacial and Holocene environmental history
Hawks Tor
Dozmary Pool
Blacklane Brook
Black Ridge Brook
5 Pleistocene cave sequences
Introduction
Kent's Cavern
Tornewton Cave
Chudleigh Caves
Joint Mitnor Cave
6 The Quaternary history of the Dorset, south Devon and Cornish coasts
Introduction
Portland Bill
Hope's Nose and Thatcher Rock
Start Point to Prawle Point
<u>Pendower</u>
Porth Nanven
<u>Boscawen</u>
<u>Porthleven</u>
<u>Godrevy</u>

## **Trebetherick Point** 7 The Quaternary history of north Devon and west Somerset Introduction Brannam's Clay Pit Fremington Quay The Croyde-Saunton Coast Westward Ho! The Valley of Rocks **Doniford The Chains** 8 The Quaternary history of the Isles of Scilly Introduction Porthloo, St Mary's Watermill Cove, St Mary's Old Man, Gugh, St Agnes Peninnis Head, St Mary's Porth Seal, St Martin's Bread and Cheese Cove, St Martin's Chad Girt, White Island, St Martin's Northward Bight, St Martin's Battery (Castle Down), Tresco Castle Porth, Tresco Higher Moors, St Mary's 9 The Quaternary history of the Somerset lowland, Mendip Hills and adjacent areas Introduction (A) Sites relating to the extra-glacial development of the Somerset lowland and adjacent areas Langport Railway Cutting

Greylake (No. 2 Quarry)

**Hurcott Farm** 

<u>Portfield</u>
Low Ham
Broom Gravel Pit
(B) Colluvial and fan-gravel sites in Mendip and adjacent areas
Middle Hope
Brean Down
Bourne
Wookey Station
10 The Quaternary history of the Avon Valley and Bristol district
Introduction
(A) Glaciation of the Bristol district
Court Hill
Bath University
Nightingale Valley
Bleadon Hill
Kennpier
Yew Tree Farm
Kenn Church
Weston-in-Gordano
(B) River terraces and landscape development
Ham Green
Newton St Loe
Stidham Farm
Hampton Rocks Cutting
Holly Lane
References
Index
Figures and tables
Tables