

Felpham, West Sussex

Record ID 420

Authors

Ryland, K. and Irving, R.

Year

XXXX

Location description

Deposit location

Deposit description

Part of the Reading Beds - fossil leaves and stumps of palm trees in intertidal zone. Also, seed, fruit, fern fronds, palm stems and leaf fragments. Palaeocene.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

Low water level.

14C ages available

No

Notes

Felpham SSSI. Also mentioned on Chichester District Museum website as 'Felpham lignite bed' between Felpham to West Wittering and Chichester Harbour.

Bibliographic reference

Ryland, K. and Irving, R. XXXX 'Folkestone to Selsey Bill (Natural Area Profile)', English Nature.

Felpham, West Sussex

Record ID 421

Authors

SSSI

Year

NONE

Location description

Deposit location

SZ 948 993

Deposit description

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

No

Notes

One of only three known Palaeocene floras in the country. Four new genera and 16 new species to be described.

Bibliographic reference

SSSI NONE 'English Nature SSSI details'.

Palaeo-Arun Valley, West Sussex

Record ID 62

Authors

Bellamy, A.

Year

1995

Location description

Deposit location

Deposit description

Peat layers underlying a silty sandy gravel, and separated from each other by an organic-rich, grey silty clay layer. Unit E. Upper peat: Corylus plant remains, and wood fragments. Lower peat: moss fragments, beetle remains.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

PhD on aggregate vibrocores

Depth of deposit

Water depth -20 m. Upper peat layer: approx 0.25-0.5 m, lower layer: approx 0.90-2.77 m (depth within core).

¹⁴C ages available

No

Notes

Upper peat: early Holocene, perhaps 9-8ka BP.

Bibliographic reference

Bellamy, A. 1995 'Extension of the British landmass: evidence from shelf sediment bodies in the English Channel' in 'Island Britain: a Quaternary perspective', (ed.s) Preece, R, 47-62, Geol. Soc. of London.

Palaeo-Arun Valley, West Sussex

Record ID 63

Authors

Gupta, S., Collier, J., Palmer-Felgate, A., Dickinson, J., Bushe, K. and Humber, S.

Year

2004

Location description

Deposit location

50 39 29.1160N; 0 25 52.0847W [TV 709 861 converted]

Deposit description

Peat layer within core VC9, amongst clay

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

Within-core depth 1.23-1.45 m

¹⁴C ages available

No

Notes

ALSF. [Other peat layers found?]. [Report available through ADS].

Bibliographic reference

Gupta, S., Collier, J., Palmer-Felgate, A., Dickinson, J., Bushe, K. and Humber, S. 2004 'Submerged palaeo-Arun river: reconstruction of prehistoric landscapes and evaluation of archaeological resource potential. Integrated projects 1 and 2', Prepared for English Heritage.

Selsey, West Sussex

Record ID 53

Authors

West, R. and Sparks, B.

Year

1960

Location description

Deposit location

Deposit description

Organic deposits containing *Corbicula fluminalis* shells. Lower part freshwater, upper part estuarine.

Deposit stratigraphy

Overlain by raised beach gravels.

Associated artefacts

Thought to contain *Hippopotamus* sp. bone (Sutcliffe, 1960) but reidentified by A. Sutcliffe (see Allen et al, 1996).

Early work

Sample method

Depth of deposit

Between -1 to -4 m OD on the foreshore.

¹⁴C ages available

No

Notes

Laid down in lake or slow moving river. Ipswichian.

Bibliographic reference

West, R. and Sparks, B. 1960 'Coastal interglacial deposits of the English Channel', *Philosophical Transactions of the Royal Society of London, Series B*, 243, 95-133.

West Wittering, West Sussex

Record ID 460

Authors

Reid, C.

Year

1892

Location description

Deposit location

Deposit description

Channel on the foreshore cut into Eocene clay, containing gravel overlain by laminated peaty clay. Pollen dates it to Ipswichian interglacial.

Deposit stratigraphy

Associated artefacts

Early work

First described by Reid (1892) but not been found since.

Depth of deposit

Level of low water.

¹⁴C ages available

No

Notes

Lower deposits freshwater, and upper deposits brackish. Thought to correspond to Selsey deposits. Also see Johnson (1901). Referred to in Preece et al (1990).

Bibliographic reference

Reid, C. 1892 'The Pleistocene deposits of the Sussex coast, and their equivalents in other districts', Quarterly Journal of the Geological Society, London, 48, 344-364.

If you would like this document in a different format, please contact
our Customer Services department:
Telephone: 0870 333 1181
Fax: 01793 414926
Textphone: 01793 414878
E-mail: customers@english-heritage.org.uk