

Arne, Dorset

Record ID 4

Authors

Long, A., Scaife, R. and Edwards, R.

Year

1999

Location description

Deposit location

SY 982 879

Deposit description

Basal peat (below saltmarsh) - well humified with some turfa.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Coring along transect

Depth of deposit

Upper peat facies c.-1.2, -1.8, -2.2 m OD (3 cores)

¹⁴C ages available

Yes

Notes

Pollen by R. Edwards

14C details

ID 6

Laboratory code Beta-87925

Sample location	Depth of sample	Dated sample description
SY 982 879	-1.14 to -1.15 m OD / -1.09m OD	Well humified peat.
Age (uncal)	Age (cal)	Delta 13C
3130 ± 60 BP	1510-1260?? cal. BP	-29.9

Notes

Bibliographic reference

Long, A., Scaife, R. and Edwards, R. 1999 'Pine pollen in the intertidal sediments of Poole Harbour, UK; implications for late Holocene sediment accretion rates and sea-level rise', Quaternary International, 55, 3-16.

Bourne Valley, Dorset

Record ID 402

Authors

Osbourne White, J.

Year

1917

Location description

Deposit location

Deposit description

Peat beds associated with the submerged forest run inshore up the middle branch of the Bourne Valley as far inland as Rossmore.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

No

Notes

Pg 66. Referred to in Delair (2000).

Bibliographic reference

Osbourne White, J. 1917 'The geology of the country around Bournemouth', Memoirs of the Geological Survey of England and Wales, .

Bourne Valley, Dorset

Record ID 412

Authors

Clarke, W.

Year

1838

Location description

Deposit location

Deposit description

At the head of Knighton Bottom (a tributary) is peat bog: oak, alder, birch, beech trees; hazel sticks and nuts; bark fragments. Stools upright in peat. More than 10 ft [3.05 m] thick peat.

Deposit stratigraphy

Also, bog at head of Bourne Bottom (another tributary) - only fir trees.

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

No

Notes

Thought to relate to Lyell (1835) - submerged forest at Bourne Mouth (fir, beech, alder). Clarke thinks the beech and alder have been washed down from Knighton Bottom.

Bibliographic reference

Clarke, W. 1838 'On the peat bogs and submarine forests of Bourne Mouth, Hampshire and in the neighbourhood of Poole, Dorsetshire', Proceedings of the Geological Society of London, 2(54), 599-601.

Bournemouth Pier, Dorset

Record ID 19

Authors

OS 1st edition

Year

Jan 1871

Location description

Deposit location

Deposit description

Stumps of fir trees on peat

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

No

Notes

Bibliographic reference

OS 1st edition Jan 1871 'Sheet 86'.

Bournemouth Pier, Dorset

Record ID 20

Authors

Evans, J.

Year

1872

Location description

Deposit location

Deposit description

Local tales of an impassable morass present between cliffs and sea, up to 1800 AD.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

No

Notes

[Had listed as Evans 1897...]

Bibliographic reference

Evans, J. 1872 'The ancient stone implements, weapons and ornaments of Great Britain'.

Bournemouth Pier, Dorset

Record ID 21

Authors

Dorset Coast Forum

Year

2006

Location description

Just west of pier

Deposit location

Deposit description

Submerged forest - stumps of Scotch Fir, visible at very low tides, growing on thick bed of hard peat.

Deposit stratigraphy

Associated artefacts

Early work

First identified by Sir John Evans (1872)

Depth of deposit

Between low and high tide.

Sample method

14C ages available

No

Notes

Related to River Bourne (rather than R. Solent). [Also had reference Evans (1879)...]

Bibliographic reference

Dorset Coast Forum 2006 'Submerged landscapes', www.dorsetcoast.com/index.jsp?articleid=21146.

Bournemouth Pier, Dorset

Record ID 399

Authors

Delair, J.

Year

2000

Location description

Immediately west of Bournemouth Pier.

Deposit location

Deposit description

Four tree stumps retrieved from submerged forest deposit (almost certainly pine). No evidence of marine boring.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

During reconstruction work at the pier between 1979-1981.

Depth of deposit

Some depth below mean sea-level.

¹⁴C ages available

No

Notes

Stumps are with the Bournemouth Natural Science Society. Deposit location also confirmed in letter from the Council's engineering department (Development Services Directorate) dated 22 Jan 1996.

Bibliographic reference

Delair, J. 2000 'Hitherto Unnoticed Tree Remains from the Submerged Forests at Bournemouth and Christchurch', Proceedings of the Dorset Natural History and Archaeological Society, 122, 125-127.

Bournemouth Pier, Dorset

Record ID 401

Authors

Lyell, C.

Year

1836/1835

Location description

Deposit location

Where River Bourne enters the sea.

Deposit description

Submerged forest 200 yards [182.88 m] long and 50 yards [45.72 m] wide. Rooted stumps of Pinus, Alnus and Betula observed on the sea floor. Peat on top of gravel and pebbles.

Deposit stratigraphy

Associated artefacts

One fir trunk had 76 rings (Shore, 1893).

Early work

Exposed in 1831.

Sample method

Depth of deposit

14C ages available

No

Notes

Pg 266-267. Also Reid (1913). Also Oakley (1943) and Arkell (1947 pg 317). Referred to in Delair (2000).

Bibliographic reference

Lyell, C. 1836/1835 'Principles of Geology', 4th edition

.

Brownsea Island, Dorset

Record ID 507

Authors

Jarvis, K.

Year

1992

Location description

Deposit location

SZ 0318 8817

Deposit description

Peat layer up to 5 cm thick (30 m by 0.75 m). Upper saltmarsh peat (Triglochin, Suaeda, Honkenya), lower freshwater (acid bog) peat (Calluna, Erica, Juncus).

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

Lowest level of spring tides; -0.96 to -1.06 m OD (peat layer).

¹⁴C ages available

No

Notes

Age is pre-3rdC AD. All eroded now.

Bibliographic reference

Jarvis, K. 1992 'An Inter-tidal Zone Romano-British Site on Brownsea Island', Proceedings of the Dorset Natural History and Archaeological Society, 114, 89-95.

Charmouth, Dorset

Record ID 66

Authors

Dorset Coast Forum

Year

2006

Location description

Deposit location

Deposit description

Submerged forest reported off Charmouth - accumulated at mouth of River Char, then buried by moving sand bank?

Deposit stratigraphy

Associated artefacts

Wooden bowl and antlers in the peat. 12th century (14 C on bowl)

Early work

reported in 1826

Sample method

Depth of deposit

14C ages available

No

Notes

website

Bibliographic reference

Dorset Coast Forum 2006 'Submerged landscapes', www.dorsetcoast.com/index.jsp?articleid=21146.

Charmouth, Dorset

Record ID 67

Authors

Keen, L.

Year

1984

Location description

Deposit location

SY 3655302 [sic] [c. SY 3655 9302]

Deposit description

Deposit stratigraphy

Associated artefacts

Wooden bowl made of alder, Found by Miss JB Lang

Early work

Sample method

Depth of deposit

14C ages available

Yes

Notes

14C details

ID 31

Laboratory code HAR-4988 (Harwell)

Sample location

Depth of sample

Dated sample description

SY 3655302 [sic]

Alder wood bowl

Age (uncal)

Age (cal)

Delta 13C

AD 1130 ± 70 years [??]

Notes

Bibliographic reference

Keen, L. 1984 'A 12th Century wooden Bowl from the 'Submerged Forest' at Charmouth', Proceedings of the Dorset Natural History and Archaeological Society, 106, 160.

Charmouth, Dorset

Record ID 400

Authors

Delair, J.

Year

2000

Location description

Near the western groyne at the river mouth.

Deposit location

Deposit description

Tree stump with adherent leaves/leaf impressions. 'Appeared to have washed out as a piece of forest debris through natural river action'. Devoid of marine borings. (More brittle than Bournemouth stumps). Found by Mrs Greta Grimshaw.

Deposit stratigraphy

Associated artefacts

Early work

Forest noticed by de la Beche (1826; 1829 pg 417).

Sample method

Stump found in 1997.

Depth of deposit

Exposed only at very low tides or by storm damage.

¹⁴C ages available

No

Notes

Stump is with the Bournemouth Natural Science Society. Also see Lang (1948; 1953) and Cope (1978; 1980). Cope (1976) reports exposure seen by Miss JB Lang in Dec 1976, at both sides of the western groyne on the foreshore - 4 to 5 trunks (as Cope, 1978).

Bibliographic reference

Delair, J. 2000 'Hitherto Unnoticed Tree Remains from the Submerged Forests at Bournemouth and Christchurch', Proceedings of the Dorset Natural History and Archaeological Society, 122, 125-127

.

Charmouth, Dorset

Record ID 403

Authors

Lang, W.

Year

1960

Location description

Deposit location

Deposit description

Submerged forest determined to be comprised of two distinct botanical layers: one of undecayed leaves, the other by an absence of leaves. Thought to reflect separate environmental phases of the forest's former existence.

Deposit stratigraphy

Associated artefacts

Includes remains of ash tree, cf. birch wood, twigs and undecayed leaves, and quantity of hazel nuts (Lang, 1926).

Early work

Sample collected in 1925 (Lang, 1926; Cunnington, 1927).

Depth of deposit

Sample method

¹⁴C ages available

No

Notes

Referred to in Delair (2000). Sample held in the Natural History Museum.

Bibliographic reference

Lang, W. 1960 'Submerged forest (Charmouth)', Proceedings of the Dorset Natural History and Archaeological Society, 82, 38-39.

Charmouth, Dorset

Record ID 573

Authors

De la Beche, H.

Year

1826

Location description

Deposit location

Deposit description

Lias and blue clay deposit stretching out into the sea, in front of the beach. Incorporating blackened wood lying horizontally and hazel nuts.

Deposit stratigraphy

Associated artefacts

Early work

Observed by Miss Mary Anning

Depth of deposit

Only visible at low water.

¹⁴C ages available

No

Sample method

Notes

Bibliographic reference

De la Beche, H. 1826 'Notice of traces of a Submarine Forest at Charmouth, Dorset', Annals of Philosophy, ser.2, 11, 143.

Chesil Beach, Dorset

Record ID 44

Authors

Churchill, D.

Year

1965

Location description

Seaward side of Chesil Beach, near Weymouth

Deposit location

Deposit description

Peat bed

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

83-85' below OD [-25.30 to -25.91 m OD]

14C ages available

No

Notes

Bibliographic reference

Churchill, D. 1965 'The displacement of deposits formed at sea-level 6,500 years ago in southern Britain', *Quaternaria*, 7, 239-249.

Chesil Beach, Dorset

Record ID 45

Authors

Carr, A. and Blackley, M.

Year

1974

Location description

Deposit location

Deposit description

Peat layers under the beach and in the Fleet. Deposits less than 3 m thick. Peat still being formed at other locations e.g. western end of The Fleet, and Burton Mere. Few peat records exist at other depths.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Boreholes

Depth of deposit

Most deposits within -2 to -5 m OD. Core B peat layer at -25.3m OD (deepest record of peat). Core D (East Fleet) has shallow Phragmites peat. E2 also has organic silt at -12.9 to -13.4m OD, on bedrock. Core F (c. 0 m OD) clay with peat (Zostera).

¹⁴C ages available

Yes

Notes

Dates range between 4980 ± 120 and 5410 ± 115 BP (Fleet peat beds). Peat layer Borehole B - only record of peat (rather than peaty clay) in Portland Harbour.

Subsite details

ID 119

Location

near Langton Herring (see map)

Depth

Description

Borehole B. Pollen Zone VI.

14C details

ID 21

Laboratory code

Sample location

At Wyke Regis

Depth of sample

-5.3 m OD

Dated sample description

Phragmites peat under beach

Age (uncal)

6100 ± 120BP

Age (cal)

Delta 13C

Notes

Borehole G. Peat under beach contains more pine pollen.

ID 22

Laboratory code

Sample location

Adjacent to Langton

Depth of sample

-2.9 m OD
Herring

Dated sample description

Top of thickest continuous peat bed

Age (uncal)

4980 ± 1 20 years BP

Age (cal)

Delta 13C

Notes

Core E1

ID 23

Laboratory code

Sample location

Adjacent to Langton

Depth of sample

-3.8 m OD Herring

Dated sample description

Base of thickest continuous peat bed

Age (uncal)

5410 ± 115 years BP

Age (cal)

Delta 13C

Notes

Core E1

Bibliographic reference

Carr, A. and Blackley, M. 1974 'Ideas on the Origin and Development of Chesil Beach, Dorset', Proceedings of the Dorset Natural History and Archaeological Society, 95, 9-17.

Chesil Beach, Dorset

Record ID 46

Authors

Le Pard, G.

Year

2001

Location description

Deposit location

near SY 568 839

Deposit description

Peat lump

Deposit stratigraphy

Associated artefacts

European beaver bones (almost complete scapula; complete left clavicle; fragment of proximal half of a right ulna) in peat

Early work

Beaver bones found by David Harvey in 2000

Sample method

Depth of deposit

14C ages available

Yes

Notes

Beaver disappeared in England by AD1000. At end of Mesolithic/early Neolithic the Fleet was a freshwater lagoon

14C details

ID 24

Laboratory code

Sample location

Depth of sample

Dated sample description

Age (uncal)

Age (cal)

Delta 13C

6100 ± 120 BP

Notes

Late Mesolithic/Early Neolithic

Bibliographic reference

Le Pard, G. 2001 'Beaver, Castor fiber L. from offshore peat beds near Abbotsbury ',
Proceedings of the Dorset Natural History and Archaeological Society, 123, 110-111.

Chesil Beach, Dorset

Record ID 55

Authors

NONE

Year

Location description

near Abbotsbury

Deposit location

570E 837N [SY 570 837]

Deposit description

Peat block on the beach

Deposit stratigraphy

Associated artefacts

Deer skull fragment associated with the peat block

Early work

Found by G. Attley in 1995

Sample method

Depth of deposit

¹⁴C ages available

No

Notes

Chesil Beach, Dorset

Record ID 130

Authors

Carr, A. and Blackley, M.

Year

1974

Location description

near Abbotsbury

Deposit location

Deposit description

Peat blocks thrown on the beach during a storm - up to 2.3x2.1x0.8 m. Birch and pine wood frequent. Alnus pollen dominant.

Deposit stratigraphy

Associated artefacts

Early work

Found November 1970

Depth of deposit

Thought to have derived from shallow local, in situ deposit approx -1.5 to -3.3m OD or deeper.

Sample method

¹⁴C ages available

Yes

Notes

14C details

ID 68

Laboratory code

Sample location

Depth of sample

Dated sample description

Phragmites

Age (uncal)

Age (cal)

Delta 13C

4023 ± 50

Notes

ID 69

Laboratory code

Sample location

Depth of sample

Dated sample description

Alnus wood

Age (uncal)

Age (cal)

Delta 13C

5270 ± 110 BP

Notes

Bibliographic reference

Carr, A. and Blackley, M. 1974 'Ideas on the Origin and Development of Chesil Beach, Dorset', Proceedings of the Dorset Natural History and Archaeological Society, 95, 9-17.

Chesil Beach, Dorset

Record ID 131

Authors

Wessex Archaeology

Year

2004a

Location description

Abbotsbury/West Bexington

Deposit location

Deposit description

Common peat deposits on Chesil Beach

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

No

Notes

Bibliographic reference

Wessex Archaeology 2004a 'Historic environment of the Dorset coast: rapid coastal zone assesment survey phase 1. Dorset coast historic environment research framework. DRAFT Ref'.

Chesil Beach, Dorset

Record ID 456

Authors

Buckley, J. and Willis, E

Year

1969

Location description

Deposit location

Deposit description

Bedrock at base (depth 44 ft [13.41 m]), overlain by sand, overlain by silt, overlain by peat, overlain by silt.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

¹⁴C ages available

Yes

Notes

Collected 1967 by R Gleason and submitted 1968 by AP Carr (NERC).

¹⁴C details

ID 326

Laboratory code I-3429

Sample location

SY 6050 8104

Depth of sample

12 ft depth [3.66 m]

Dated sample description

From top of peat layer.

Age (uncal)

4980 ± 120

Age (cal)

3030 BC

Delta ¹³C

Notes

ID 327

Laboratory code I-3431

Sample location

SY 6050 8104

Depth of sample

15.5 ft depth [4.72 m]

Dated sample description

From base of peat layer.

Age (uncal)

5410 ± 115

Age (cal)

3460 BC

Delta 13C

Notes

Bibliographic reference

Buckley, J. and Willis, E 1969 'Isotope's radiocarbon measurements VII', Radiocarbon, 11 (1), 53-105.

Chesil Beach, Dorset

Record ID 505

Authors

Delair, J.

Year

1997

Location description

Near Abbotsbury

Deposit location

c. 570E 837N [SY 570 837]

Deposit description

Found in offshore peat.

Deposit stratigraphy

Associated artefacts

?Cervus elaphus, Linne, skull fragment (Dorset County Museum G.11543).

Early work

Sample method

Found and presented by G Attley (1995).

Depth of deposit

14C ages available

No

Notes

[Not clear if found in situ or in a storm block].

Bibliographic reference

Delair, J. 1997 'Further records of Dorset Quaternary mammals', Proceedings of the Dorset Natural History and Archaeological Society, 119, 186-188.

Hamworthy, Dorset

Record ID 5

Authors

Godwin, H., Suggate, R. and Willis, E.

Year

1958

Location description

Deposit location

Deposit description

Freshwater peat sealed beneath marine sediments (clay).

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Found during dock excavations.

Depth of deposit

-12.8 m OD

14C ages available

Yes

Notes

14C details

ID 7

Laboratory code

Sample location

Depth of sample

-12.8 m OD

Dated sample description

Age (uncal)

7340 ± 110 BP

Age (cal)

6389-5962 cal. year BC

Delta 13C

Notes

Bibliographic reference

Godwin, H., Suggate, R. and Willis, E. 1958 'Radiocarbon dating of the eustatic rise in the ocean level', Nature, 181, 1518-1519.

Hengistbury Head, Dorset

Record ID 658

Authors

Miles, H.

Year

Jan 2007

Location description

Deposit location

[c. SZ 173 904]

Deposit description

Occasional wood lumps washed up from the submerged forest.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

Visible during exceptional spring tides.

¹⁴C ages available

No

Notes

Bibliographic reference

Miles, H. Jan 2007 'Magic and mystery of an ancient headland', The Daily Echo (Bournemouth), , 12.

Keysworth marsh, Dorset

Record ID 466

Authors

Hubbard, J. and Stebbings, R.

Year

1968

Location description

Deposit location

[c. SY 949 896 - from map]

Deposit description

Peat layer below saltmarsh.

Deposit stratigraphy

Below peat is gravel (Bagshot Beds) and above peat is sand, and above that is clay.

Associated artefacts

Early work

Sample method

Depth of deposit

-1.10 to -1.22 m OD [i.e. c. 12 cm thick].

14C ages available

No

Notes

Bibliographic reference

Hubbard, J. and Stebbings, R. 1968 'Spartina marshes in southern England: VII Stratigraphy of Keysworth Marsh, Poole Harbour', *Journal of Ecology*, 56, 707-722.

mouth of River Stour, Dorset

Record ID 398

Authors

Clarke, W.

Year

1838

Location description

Where Stour enters Mundeford Water

Deposit location

Deposit description

Unfossilised stumps and woody remnants of ancient trees.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

Just below normal low-tide.

¹⁴C ages available

No

Notes

Referred to in Delair (2000).

Bibliographic reference

Clarke, W. 1838 'On the peat bogs and submarine forests of Bourne Mouth, Hampshire and in the neighbourhood of Poole, Dorsetshire', Proceedings of the Geological Society of London, 2(54), 599-601.

Poole Harbour, Dorset

Record ID 6

Authors

Godwin, H.

Year

1943

Location description

Deposit location

Deposit description

Submerged peat bed.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

No

Notes

Bibliographic reference

Godwin, H. 1943 'Coastal peat beds of the British Isles and North Sea', Journal of Ecology, 31, 199-247.

Poole Harbour, Dorset

Record ID 397

Authors

Clarke, W.

Year

1838

Location description

North of harbour, between Sterte and Stanley Green

Deposit location

Deposit description

Digging uncovered beneath the alluvial soil, gravel, then peat, and then oaks and alders which rested on mottled clay. Tides used to to cover this area prior to the dyke's construction.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Excavation of a dyke.

Depth of deposit

14C ages available

No

Notes

Bibliographic reference

Clarke, W. 1838 'On the peat bogs and submarine forests of Bourne Mouth, Hampshire and in the neighbourhood of Poole, Dorsetshire', Proceedings of the Geological Society of London, 2(54), 599-601.

Poole Harbour, Dorset

Record ID 409

Authors

Clarke, W.

Year

1838

Location description

Creekmoor bridge (north side of Hole's Bay)

Deposit location

Deposit description

Tract of low marshy ground, with a peat bog containing fir trees.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

¹⁴C ages available

No

Notes

Also mentions a bog at Hatch Pond (two miles north of Poole) that is linked to the harbour by marshy grounds - thought that was once covered by the sea - in Roman times this was the water head of the bay (as a Roman road ends here).

Bibliographic reference

Clarke, W. 1838 'On the peat bogs and submarine forests of Bourne Mouth, Hampshire and in the neighbourhood of Poole, Dorsetshire', Proceedings of the Geological Society of London, 2(54), 599-601.

Poole Harbour, Dorset

Record ID 410

Authors

Clarke, W.

Year

1838

Location description

North east side of Lytchett Bay

Deposit location

Deposit description

Subsided peat bog over 30 ft [9.14 m] thick, containing trees. Rests on mottled clay and overlain by 9-10 ft [2.74-3.05 m] of clay and sand. All constantly covered by 2 ft [0.61 m] of water.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

¹⁴C ages available

No

Notes

Also mentions various peat bogs and buried trees throughout the Lytchett parish (especially at Bulberry Bay), but all considerably above sea level.

Bibliographic reference

Clarke, W. 1838 'On the peat bogs and submarine forests of Bourne Mouth, Hampshire and in the neighbourhood of Poole, Dorsetshire', Proceedings of the Geological Society of London, 2(54), 599-601.

Poole Harbour, Dorset

Record ID 506

Authors

Godwin, H., Suggate, R. and Willis, E.

Year

1958

Location description

Deposit location

Deposit description

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

Yes

Notes

14C details

ID 368

Laboratory code Q-181

Sample location

Depth of sample

Dated sample description

-42 ft OD [-12.80 m OD]

Age (uncal)

7340 ± 110

Age (cal)

Delta 13C

Notes

Bibliographic reference

Godwin, H., Suggate, R. and Willis, E. 1958 'Radiocarbon dating of the eustatic rise in the ocean level', Nature, 181, 1518-1519.

Poole Quay, Dorset

Record ID 41

Authors

Nicholls, R.

Year

1987

Location description

Deposit location

SZ 010 904

Deposit description

11.9 m of Flandrian deposits (including peat) on Pleistocene sands and gravels.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Borehole records (PHC)

Depth of deposit

PI:FI boundary at -13.4 m OD.

¹⁴C ages available

No

Notes

Deposits relate to infilled Pleistocene channel and its submerged terraces

Bibliographic reference

Nicholls, R. 1987 'Evolution of the upper reaches of the Solent River and the formation of Poole and Christchurch Bays' in 'Wessex and the Isle of Wight field guide', (ed.s) Barber, K., 99-114, Quaternary Research Association.

River Char, Dorset

Record ID 64

Authors

De la Beche, H.

Year

1831

Location description

Deposit location

Deposit description

Submerged forest, on lias

Deposit stratigraphy

Associated artefacts

Elephant remains found within gravel deposits below (*E. primigenius*)

Early work

First identified De la Beche (1831)

Sample method

Depth of deposit

14C ages available

No

Notes

[referred to in Vernon Wilson et al. (1958)]

Bibliographic reference

De la Beche, H. 1831 'A Geological Manual'.

River Char, Dorset

Record ID 65

Authors

Lang, W.

Year

1914

Location description

Deposit location

[Can get from site map]

Deposit description

Waterlogged timber near low water mark; clay containing twigs, branches, bark (mainly birch) all lying anyhow, many hazel nuts (woodmice holes), large ash branch. Submerged forest 6ft long, 4ft wide, 1-2ft high.

Deposit stratigraphy

Associated artefacts

Contained antler, skull and vertebra of a red deer

Early work

First identified Lang 1913

Sample method

Depth of deposit

At/just below low water level of ordinary tides.

¹⁴C ages available

No

Notes

Specimens collected from the submerged forest are in the British Museum. [Lang (1914); (1926) referred to in Vernon Wilson et al. (1958)]

Bibliographic reference

Lang, W. 1914 'The geology of Charmouth cliffs, beach and foreshore.', Proceedings of the Geologists Association, 25[XXV], 293-360.

West Bay, Dorset

Record ID 68

Authors

Dorset Coast Forum

Year

2006

Location description

Near Bridport mouth

Deposit location

Deposit description

Tree stumps recorded under the sea: 9-10 stumps of large trees seen. (Also recently seen by divers)

Deposit stratigraphy

Associated artefacts

Early work

First recorded 1774 (John Hutchins)

Sample method

Depth of deposit

14C ages available

No

Notes

Bibliographic reference

Dorset Coast Forum 2006 'Submerged landscapes', www.dorsetcoast.com/index.jsp?articleid=21146.

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