Babbacombe Bay, Devon

Record ID  453

Authors  Year
Callow, W, Baker, M. and Hassall, G.  1966

Location description  Deposit location
Off Teignmouth  50deg31'30"N Lat, 3deg25'00" W Long
[converted SX 99593 70493]

Deposit description  Deposit stratigraphy
Peat layer 5 cm thick underlying 74 cm of estuarine clay and 100 cm of sand.

Associated artefacts  Early work

Sample method
Offshore core

Depth of deposit  14C ages available
14C ages available
Yes

Notes
Collected 1964 and submitted by RH Clarke, University of Bristol. Pollen analysis suggests start of Zone VIa.
14C details

ID 321  Laboratory code NPL-86

Sample location  Depth of sample  Dated sample description
[SX 99593 70493]  c. -78 ft OD [c. 23.77 m OD]  Peat.
[converted]

Age (uncal)  Age (cal)  Delta 13C
8580 +830/-755  6630 BC

Notes
Sample apparently underlain by a (terrestrial) soil i.e. suggesting onset of brackish conditions.

Bibliographic reference
# Babbacombe Bay, Devon

**Record ID** 461

**Authors** | **Year**
---|---
Clarke, R. | 1970

**Location description** | **Deposit location**
Off Teignmouth.

**Deposit description** | **Deposit stratigraphy**
Peat bed.

**Associated artefacts** | **Early work**

**Sample method**

**Depth of deposit** | **14C ages available**
---|---
Yes

**Notes**

**Subsite details**

**ID** 100

**Location** | **Depth**
---|---
173-178 cm depth. [Sea bed: c.11 fathoms below chart zero (-6ft OD)]

**Description**
Core 2 (offshore). Black, fissile, in situ peat bed containing fragmentary, humified plant remains. Saltmarsh deposit. Sharp upper contact with mud. Gradual lower transition with organic mud. Mud had high tree pollen.
### 14C details

<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
</tr>
</thead>
<tbody>
<tr>
<td>329</td>
<td>NPL-86</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-23.8 m OD</td>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
</tr>
</thead>
<tbody>
<tr>
<td>8580 +830/-755 years BP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core 2.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Bibliographic reference**

Bantham Sands, Devon

Record ID 660

Authors  Year

Location description
Behind dune system

Deposit description
Wood and peat dominate in uppermost sediments.

Deposit stratigraphy
The peat layer rests on clay and silt, which is on top of fractured slates. Core BA-97-2 - the peat layer is capped by windblown fine sand from dunes.

Associated artefacts
Early work
Sample method. Coring

Depth of deposit
14C ages available
No

Notes

Subsite details

ID 268

Location
[SZ 66428 43574 from map]

Depth
Peat layer from c. +0.5 to +4 m OD [from core log]

Description
Core BA-97-1
**ID** 269

**Location**
[SZ 66431 43630 from map]

**Depth**
Peat layer from c. -0.5 to +1 m OD [from core log]

**Description**
Core BA-97-2

**Bibliographic reference**
Barnstaple Bay, Devon

Record ID  313

Authors  Year
Ellis, H.  1867a/1866

Location description  Deposit location

Deposit description  Deposit stratigraphy

Associated artefacts  Early work
Elephants' tusks and deer's antlers often dredged up by fishermen in the bay.

Sample method

Depth of deposit  14C ages available
No

Notes

Bibliographic reference
Ellis, H. 1867a/1866 'On a flint-find in a submerged forest of Barnstaple Bay, near Westward Ho!', Report and Transactions of the Devonshire Association, 1, 80-81.
Beesands, Devon

Record ID  445

Authors  Year
Harkness, D. and Wilson, H.  1979

Location description  Deposit location
Landward side of high water level.

Deposit description  Deposit stratigraphy
Compacted Phragmites peat c. 0.3 m thick.
Peat rests on silty clay, and is overlain by c.10m shingle.

Associated artefacts  Early work

Sample method
Borehole.

Depth of deposit  14C ages available

Notes
Collected 1973 and submitted by MWL Blackley, NERC Unit Coastal Sedimentation, Somerset.

14C details

ID  309  Laboratory code   SRR-164

Sample location  Depth of sample  Dated sample description
SX 821 410  -4.32 m OD  Upper 10 cm of peat deposit.

Age (uncal)  Age (cal)  Delta 13C
4300 ± 50  -27.3

Notes
Borehole 4.

ID  310  Laboratory code   SRR-165

Coastal peat resource database (Hazell, 2008)  Page 8 of 59
<table>
<thead>
<tr>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SX 821 410</td>
<td>-4.62 m OD</td>
<td>Basal 10 cm of peat deposit.</td>
</tr>
</tbody>
</table>

**Age (uncal)**  
4770 ± 50

**Age (cal)**  
-27.1

**Delta 13C**

**Notes**

Borehole 4.

**Bibliographic reference**

Harkness, D. and Wilson, H. 1979 'Scottish Universities Research and Reactor Centre radiocarbon measurements III', Radiocarbon, 21, 203-256.
Blackpool Beach (Devon), Devon

Record ID  444

Authors  Year
Harkness, D. and Wilson, H.  1979

Location description  Deposit location
Deposit description. Remains of woodland in intertidal zone.  SX 855 478. Deposit stratigraphy

Associated artefacts  Early work

Depth of deposit  14C ages available
Between +1 to -1 m OD.  Yes

Notes
Collected 1974 and submitted by H Osmaston, University of Bristol.

14C details

ID  308  Laboratory code  SRR-318

Sample location  Depth of sample  Dated sample description
SX 855 478  Between +1 to -1 m OD. wood of in situ tree stump.  Isolated cellulose fraction from

Age (uncal)  Age (cal)  Delta 13C
2540 ± 70  -26.1

Notes
Tree stump embedded in clay and overlain by marine gravels.

Bibliographic reference
Harkness, D. and Wilson, H. 1979  'Scottish Universities Research and Reactor Centre radiocarbon measurements III', Radiocarbon, 21, 203-256.
Broadsands, Devon

Record ID 463

Authors  Year
Clarke, R. 1970

Location description  Deposit location
Deposit description  Deposit stratigraphy
2 ft [0.61 m] of peat with occasional sand layers and wood fragments, outcrops on the foreshore. It overlies at least 3 ft [0.91 m] of pebbly sand containing abundant plant debris.

Associated artefacts  Early work
Maybe pollen Zone VII.

Sample method

Depth of deposit  14C ages available
-5 ft OD [-1.52 m OD] = 2-3 cm below top of peat bed (pollen sample).

No

Notes
Peat B

Bibliographic reference
France Wood Marsh, Devon

Record ID  440

Authors                  Year
Harkness, D. and Wilson, H.  1979

Location description       Deposit location
Deposit description        Deposit stratigraphy
Coarse brown peat at 1.2 m in borehole.

Associated artefacts       Early work
Sample method

Depth of deposit            14C ages available
Yes

Notes
Present marsh surface at 3.21 m OD. Collected 1974 by C Morey. Submitted by MWL Blackley.
**14C details**

**ID** 303  
**Laboratory code** SRR-491

**Sample location**  
SX 819 440 from horizon 3.35m thick, overlain by 0.85m surface deposits.

**Depth of sample**  
+2.0 m OD

**Dated sample description**  
Coarse brown peat. Sample

**Age (uncal)**  
1540 ± 40

**Age (cal)**  
-29.2

**Delta 13C**  
-29.2

**Notes**  
Borehole 50. Sample is from infill of small valley formerly open to the sea.

**Bibliographic reference**  
Harkness, D. and Wilson, H. 1979 'Scottish Universities Research and Reactor Centre radiocarbon measurements III', Radiocarbon, 21, 203-256.
### Goodrington Sands, Devon

<table>
<thead>
<tr>
<th>Record ID</th>
<th>462</th>
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</thead>
<tbody>
<tr>
<td>Authors</td>
<td>Clarke, R.</td>
</tr>
<tr>
<td>Year</td>
<td>1970</td>
</tr>
<tr>
<td>Location description</td>
<td>SX 894 596</td>
</tr>
<tr>
<td>Deposit description</td>
<td>Beneath 2 ft [0.61 m] of beach shingle, 1ft 6&quot; [0.46 m] of sedge peat overlies at least 3 ft [0.91 m] of pebbly sand which contains large amounts of plant debris.</td>
</tr>
<tr>
<td>Deposit stratigraphy</td>
<td></td>
</tr>
<tr>
<td>Associated artefacts</td>
<td>Roman artefacts found below the peat by Pidgeon (1885). Pollen Zone VIII.</td>
</tr>
<tr>
<td>Early work</td>
<td></td>
</tr>
<tr>
<td>Sample method</td>
<td></td>
</tr>
<tr>
<td>Depth of deposit</td>
<td>0 ft OD = 2-3 cm below top of peat bed (pollen sample).</td>
</tr>
<tr>
<td>14C ages available</td>
<td>No</td>
</tr>
<tr>
<td>Notes</td>
<td>Peat A</td>
</tr>
</tbody>
</table>
Hallsands, Devon

Record ID  446

Authors  Year
Harkness, D. and Wilson, H.  1979

Location description  Deposit location

Deposit description  Deposit stratigraphy
Compacted peat (unknown thickness) with wood fragments in offshore borehole. Peat overlain by c.1.2m blue clay and mixture of sands, silts and clays.

Associated artefacts  Early work

Sample method
Vibrocore 70VC.

Depth of deposit  14C ages available
14C ages available
Yes

Notes
Collected 1973 and submitted by MWL Blackley.

14C details

ID  311  Laboratory code  SRR-237

Sample location  Depth of sample  Dated sample description
SX 825 390 deposit.  -16 to -17 m OD  Uppermost 10 cm of peat

Age (uncal)  Age (cal)  Delta 13C
8110 ± 60  -27.9

Notes

Bibliographic reference
Harkness, D. and Wilson, H. 1979 'Scottish Universities Research and Reactor Centre radiocarbon measurements III', Radiocarbon, 21, 203-256.
# Inner Hope, Devon

**Record ID** 309

<table>
<thead>
<tr>
<th>Authors</th>
<th>Year</th>
</tr>
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<tbody>
<tr>
<td>ADS</td>
<td>NONE</td>
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</table>

**Location description**

<table>
<thead>
<tr>
<th>Deposit location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SX 6754 3972</td>
</tr>
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</table>

**Deposit description**

Apparently submerged forest.

**Associated artefacts**

Foundations of 'rough buildings', worked flint and slag.

**Early work**

**Sample method**

**Depth of deposit**

8 ft [2.44 m] below high water.

**14C ages available**

No

**Notes**

Record NMR_NATINV-440930 in ADS.

**Bibliographic reference**

ADS NONE 'Archaeology Dataservice', http://ads.ahds.ac.uk/.
near Salcombe, Devon

<table>
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<tr>
<th>Record ID</th>
<th>647</th>
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<tbody>
<tr>
<td><strong>Authors</strong></td>
<td>White, W.</td>
</tr>
<tr>
<td><strong>Year</strong></td>
<td>1850</td>
</tr>
<tr>
<td><strong>Location description</strong></td>
<td>In two coves at the haven mouth between Bolt Head and Salcombe</td>
</tr>
<tr>
<td><strong>Deposit location</strong></td>
<td>[c. SX 730 370]</td>
</tr>
<tr>
<td><strong>Deposit description</strong></td>
<td>Submerged forest containing perfect hazel leaves and nuts.</td>
</tr>
<tr>
<td><strong>Deposit stratigraphy</strong></td>
<td>Under sand.</td>
</tr>
<tr>
<td><strong>Associated artefacts</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Early work</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sample method</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Depth of deposit</strong></td>
<td>At a depth of 2-3 feet [0.61 to 0.91 m].</td>
</tr>
<tr>
<td><strong>14C ages available</strong></td>
<td>No</td>
</tr>
</tbody>
</table>

**Notes**

**Bibliographic reference**
White, W. 1850 'Malborough' in 'History, Gazeteer and Directory of Devonshire', (eds), , Transcribed by T. Partridge, Genuki website.
North Hallsands, Devon

Record ID 447

Authors Year
Harkness, D. and Wilson, H. 1979

Location description Deposit location

Deposit description Deposit stratigraphy
Peat overlain by marine shingle.

Associated artefacts Early work

Sample method
SX 818 389

Depth of deposit 14C ages available
c. -1 m OD. Yes

Notes
Collected 1974 and submitted by MWL Blackley. Peat accumulated in coastal brackish lagoon enclosed from the sea by a shingle barrier.

14C details

ID 312 Laboratory code SRR-317

Sample location Depth of sample Dated sample description
SX 818 389 c. -1 m OD Peat.

Age (uncal) Age (cal) Delta 13C
1680 ± 50 -29.3

Notes

Bibliographic reference
Harkness, D. and Wilson, H. 1979 'Scottish Universities Research and Reactor Centre radiocarbon measurements III', Radiocarbon, 21, 203-256.
## Northam Beach, Devon

<table>
<thead>
<tr>
<th>Record ID</th>
<th>388</th>
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<tbody>
<tr>
<td><strong>Authors</strong></td>
<td><strong>Year</strong></td>
</tr>
<tr>
<td>Ellis, H.</td>
<td>1867b</td>
</tr>
</tbody>
</table>

### Location description
Submerged forest.

### Deposit description
Deposit stratigraphy

### Associated artefacts
Early work

Bones and teeth of mammalia, within the peat, with flint flakes, cores and numerous comminuted shells (mainly oyster: Ostroea edulis and cockle: Cordium edule). Oyster shell deposit up to 2ft thick. Probably deer remains.

### Sample method

### Depth of deposit
Exposed at or near low water mark.

14C ages available

No

### Notes
Covering sand was washed away, exposing oyster shell deposit, mixed with bones. NB nearby Braunton Burrows [now sand dune] used to be forest-covered.

### Bibliographic reference
Ellis, H. 1867b 'On some mammalian bones and teeth, found in the submerged forest at Northam', Report and Transactions of the Devonshire Association, 2, 162-163.
off Teignmouth, Devon

Record ID 277

Authors Year
Callow, W, Baker, M. and Hassall, G. 1966

Location description Deposit location

Deposit description Deposit stratigraphy
Peat.

Associated artefacts Early work

Sample method

Depth of deposit 14C ages available
Peat recovered from -23.8 m OD. Yes

Notes

14C details

ID 172 Laboratory code NPL-86

Sample location Depth of sample Dated sample description
-23.8 m OD

Age (uncal) Age (cal) Delta 13C
8580 ± 800

Notes

Bibliographic reference
### off Torquay, Devon

**Record ID**  276

<table>
<thead>
<tr>
<th><strong>Authors</strong></th>
<th><strong>Year</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarke, R.</td>
<td>1966</td>
</tr>
</tbody>
</table>

**Location description**

**Deposit location**

**Deposit description**

Six deep submarine peat bands.

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

14C ages available

Deepest peat band at -42.7 m OD; other peat bands between -39.36 to -16.8 m OD. No

**Notes**


**Bibliographic reference**

## Sidmouth, Devon

<table>
<thead>
<tr>
<th>Record ID</th>
<th>291</th>
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<tbody>
<tr>
<td><strong>Authors</strong></td>
<td><strong>Year</strong></td>
</tr>
<tr>
<td>Lang, W.</td>
<td>1926</td>
</tr>
<tr>
<td><strong>Location description</strong></td>
<td><strong>Deposit location</strong></td>
</tr>
<tr>
<td><strong>Deposit description</strong></td>
<td><strong>Deposit stratigraphy</strong></td>
</tr>
<tr>
<td>Submerged forest.</td>
<td></td>
</tr>
<tr>
<td><strong>Associated artefacts</strong></td>
<td><strong>Early work</strong></td>
</tr>
<tr>
<td>Mammoth teeth.</td>
<td></td>
</tr>
<tr>
<td><strong>Sample method</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Depth of deposit</strong></td>
<td><strong>14C ages available</strong></td>
</tr>
<tr>
<td></td>
<td>No</td>
</tr>
<tr>
<td><strong>Notes</strong></td>
<td></td>
</tr>
<tr>
<td>Mentioned in Lang (1926); Godwin (1943).</td>
<td></td>
</tr>
<tr>
<td><strong>Bibliographic reference</strong></td>
<td></td>
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</table>
Sidmouth, Devon

Record ID 292

Authors
ADS

Year
NONE

Location description
Deposit location
SY 1244 8713

Deposit description
Submarine forest on beach.

Deposit stratigraphy

Associated artefacts
Early work
Roman coins found within the forest in 19th century. Mammoth teeth also noted.

Sample method

Depth of deposit
14C ages available
No

Notes
Record NMR_NATINV-448986 in ADS.

Bibliographic reference
ADS NONE 'Archaeology Dataservice', http://ads.ahds.ac.uk/.
Slapton Ley, Devon

Record ID 441

Authors Year
Harkness, D. and Wilson, H. 1979

Location description Deposit location
SX 823 439

Deposit description Deposit stratigraphy

Associated artefacts Early work

Sample method

Depth of deposit 14C ages available
Yes

Notes
Borehole passes through lake, 1.7m water column with base at 2.71m OD. Collected 1974 by C Morey and submitted by MWL Blackley. Samples represent top and base of old coastal lagoon infill. Also Morey (1983).

14C details

ID 304 Laboratory code SRR-492

Sample location Depth of sample Dated sample description
SX 823 439 -0.19 m OD Dark brown silty peat.

Age (uncal) Age (cal) Delta 13C
1810 ± 40 -29.6

Notes
Borehole L53b.
<table>
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<th>ID</th>
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<th>SRR-493</th>
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<tbody>
<tr>
<td>Sample location</td>
<td>SX 823 439</td>
<td>Depth of sample</td>
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<tr>
<td>Dated sample description</td>
<td></td>
<td>Dark brown silty peat.</td>
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<tr>
<td>Age (uncal)</td>
<td>Age (cal)</td>
<td>Delta 13C</td>
</tr>
<tr>
<td>2890 ± 50</td>
<td>-28.3</td>
<td></td>
</tr>
</tbody>
</table>

**Notes**
Borehole L53b.

**Bibliographic reference**
Harkness, D. and Wilson, H. 1979 'Scottish Universities Research and Reactor Centre radiocarbon measurements III', Radiocarbon, 21, 203-256
Stonehouse Creek, Devon

Record ID  179

Authors  Year
Walker, K. and Fry, J.  2000

Location description  Deposit location

Deposit description  Deposit stratigraphy
Peaty deposits.

Associated artefacts  Early work

Sample method

Depth of deposit  14C ages available
No

Notes

Subsite details

ID  41

Location  Depth
SX 461 544  -4.69 m OD

Description
ID  42

<table>
<thead>
<tr>
<th>Location</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>SX 461 544</td>
<td>Top facies between -1 and -3 m OD</td>
</tr>
</tbody>
</table>

Description
Boreholes on land. Peat layer along transect, max. 1.8 m thick (in BH3, 4 and 5). Above silty clay alluvial deposits, below made-ground. One hazel nut at -10.5 m OD in BH6.

Bibliographic reference
Thurlestone Sands, Devon

Record ID 308

Authors ADS

Year NONE

Location description Deposit location
Submarine forest. SX 674 417

Deposit description Deposit stratigraphy
Submarine forest.

Associated artefacts Early work
Dug out canoe, Mesolithic tranchet axe, First identified in 1866, and uncovered by perforated pebble macehead nearby. storms in 1923

Sample method
14C ages available

No

Notes
Record NMR_NATINV-441056 in ADS.

Bibliographic reference
ADS NONE 'Archaeology Dataservice', http://ads.ahds.ac.uk/.
Topsham, Devon

Record ID 548

Authors  Year
Heyworth, A. and Kidson, C.  1982

Location description  Deposit location
SX 962 880

Deposit description  Deposit stratigraphy

Associated artefacts  Early work

Sample method  14C ages available

Depth of deposit

Notes
Referred to in Heyworth and Kidson (1982).

14C details

ID 377  Laboratory code Birm-534

Sample location  Depth of sample  Dated sample description
SX 962 880  -3.06 m OD

Age (uncal)  Age (cal)  Delta 13C
3300 ± 120
<table>
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<th>ID</th>
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<tr>
<td>378</td>
<td>Birm-533</td>
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</table>

<table>
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<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SX 962 880</td>
<td>-3.66 m OD</td>
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<table>
<thead>
<tr>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
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<tbody>
<tr>
<td>3910 ± 130</td>
<td></td>
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Notes

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<th>ID</th>
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<tr>
<td>379</td>
<td>Birm-600</td>
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<th>Depth of sample</th>
<th>Dated sample description</th>
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<tbody>
<tr>
<td>SX 963 883</td>
<td>-4.1 m OD</td>
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</table>

<table>
<thead>
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<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
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<tbody>
<tr>
<td>3990 ± 120</td>
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Notes

Bibliographic reference

## Tor Bay, Devon

<table>
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<tbody>
<tr>
<td>Authors</td>
<td>Murray, J.</td>
</tr>
<tr>
<td>Year</td>
<td>1879</td>
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<tr>
<td>Location description</td>
<td>Deposit location</td>
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<tr>
<td>Deposit description</td>
<td>Deposit stratigraphy</td>
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<tr>
<td>Mention of submerged forest.</td>
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<td>Associated artefacts</td>
<td>Early work</td>
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<tr>
<td>Depth of deposit</td>
<td>14C ages available</td>
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<tr>
<td>No</td>
<td></td>
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<tr>
<td>Notes</td>
<td></td>
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</table>

### Bibliographic reference
Torre Abbey, Devon

Record ID 205

Authors ADS
Year NONE

Location description Deposit location
Torre Abbey Sands SX 911 636

Deposit description Deposit stratigraphy
Submerged forest.

Associated artefacts Early work
Neolithic unpolished flint axe found in 1883 by HW Watson

Sample method

Depth of deposit 14C ages available
No

Notes record NMR_NATINV-447596 in ADS

Bibliographic reference
ADS NONE 'Archaeology Dataservice', http://ads.ahds.ac.uk/.
Torre Abbey Meadows, Devon

Record ID  316

Authors  Year
Jukes-Browne, A.  1911

Location description  Deposit location

Deposit description  Deposit stratigraphy
Offshore, exposed submerged forest and freshwater peat deposits.

Associated artefacts  Early work

Sample method

Depth of deposit  14C ages available
No

Notes
Also Perkins (1971).

Bibliographic reference
Westward Ho!, Devon

Record ID  169

Authors  Year
Edmonds, E, Williams, B. and Taylor, R.  1979

Location description  Deposit location

Deposit description  Deposit stratigraphy
Drowned forest - oak, birch, hazel, alder, elder, bramble, dogwood and other herbs. Peat rested on bluish, grey sticky clay.

Associated artefacts  Early work
Bones of red deer, ox, boar, wolf, horse, sheep, goat, pig, dog, man. Mesolithic flints. First identified Ussher (July 1878)

Sample method

Depth of deposit  14C ages available
14C ages available  No

Notes
Referred to as forest submerged by postglacial sea level rise - peat had formed during Flandrian transgression [sic] (Godwin, 1956).

Bibliographic reference
Edmonds, E, Williams, B. and Taylor, R. 1979 'Geology of Bideford and Lundy Island', Memoirs of the Geological Survey, GB, sheets 292, with 275, 276, 291 and part of 308,
## Westward Ho!, Devon

**Record ID** 170

### Authors
ADS

### Year
NONE

### Location description

### Deposit location
SS 4286 2942

### Deposit description
Blue clay layer containing fragments of submerged forest.

### Deposit stratigraphy

### Associated artefacts
At the southern end of Westward Ho! beach, underneath the clay was midden containing Mesolithic microliths. 1800s also found stake lines on the beach, one of which had associated split bones and flints.

### Early work
surveyed and excavated between 1925-1939

### Sample method

### Depth of deposit
14C ages available
No

### Notes
6,000-6,500 years BP (C14 ages) (midden deposit); 5,700 years BP (overlying plots). Further excavation and survey in 1980 identified the site as one of the earliest Mesolithic middens in NW Europe. Record NMR_NATINV-33063 in ADS.

### Bibliographic reference
ADS NONE 'Archaeology Dataservice', http://ads.ahds.ac.uk/.
Westward Ho!, Devon

Record ID 171

Authors Year
Balaam, N, Bell, M, David, A, Levitan, B, 1987
Macphail, R, Robinson, M. and Scaife, R

Location description Deposit location

Deposit description Deposit stratigraphy
Oak, elm and hazel woodland. Willow carr nearby.

Associated artefacts Early work
Mesolithic midden

Sample method

Depth of deposit 14C ages available
No

Notes c. 5900-4900 cal BC

Bibliographic reference
Westward Ho!, Devon

Record ID 305

Authors
Balaam, N, Bell, M, David, A, Levitan, B, Macphail, R, Robinson, M. and Scaife, R.

Year
1987

Location description
Deposit location
SS 42939 29493 (midden)

Deposit description
Deposits stratigraphy

Associated artefacts
Early work

Sample method

Depth of deposit
14C ages available
Yes

Notes

Subsite details

ID 97

Location
Description Area 1 - extensive peat surface ("inner peat").

ID 98

Location
Depth
Midway between high and low water spring tides.

Description
Area 2
<table>
<thead>
<tr>
<th>ID</th>
<th>Location Depth</th>
<th>Description</th>
<th>14C details</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>Nearest to low water spring tide.</td>
<td>Area 3 - &quot;outer peat&quot;.</td>
<td></td>
</tr>
</tbody>
</table>

### 14C details

<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
</tr>
</thead>
<tbody>
<tr>
<td>209</td>
<td>HAR-6440</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS 4335 2977</td>
<td>0 m OD 1</td>
<td>Wood of Corylus stake from line of close-set stakes.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1600 ± 80 BP</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes

<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td>HAR-6513</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS 4337 2984</td>
<td>0 m OD 1channel.</td>
<td>Bone from group of animal bones from fill of old estuarine</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1560 ± 80 BP</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes
<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
</tr>
</thead>
<tbody>
<tr>
<td>211</td>
<td>HAR-5642</td>
<td>SS 4305 2952 Areas 2 &amp; 3</td>
<td>-1.0 m OD</td>
<td>Two Corylus stakes from row of stakes.</td>
<td>4840 ± 70 BP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>212</td>
<td>HAR-6363</td>
<td>SS 42976 29495</td>
<td>XXXXX Areas 2 &amp; 3</td>
<td>Top 3 cm of peat where sealed beneath upper &quot;blue clay&quot;.</td>
<td>5190 ± 80 BP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>213</td>
<td>HAR-5640</td>
<td>SS 42938 29494</td>
<td>-2.1 m OD Areas 2 &amp; 3</td>
<td>Top 2 cm of peat immediately overlying the midden.</td>
<td>5200 ± 120 BP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td>Laboratory code</td>
<td>Sample location</td>
<td>Depth of sample</td>
<td>Dated sample description</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>------</td>
<td>-----------------</td>
<td>-----------------</td>
<td>-----------------</td>
<td>--------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>214</td>
<td>HAR-5631</td>
<td>SS 42960 29487</td>
<td>-2.0 m OD</td>
<td>SS 42960 29487 Quercus lying on the surface of the peat</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Areas 2 &amp; 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Age (uncal)</td>
<td>6100 ± 100 BP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Age (cal)</td>
<td>Delta 13C</td>
<td></td>
<td></td>
<td></td>
</tr>
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Notes

<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
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<th>Depth of sample</th>
<th>Dated sample description</th>
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</thead>
<tbody>
<tr>
<td>215</td>
<td>HAR-5630</td>
<td>SS 42945 29494</td>
<td>-2.0 m OD</td>
<td>Tree stool, Salix, on the surface of the peat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Areas 2 &amp; 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Age (uncal)</td>
<td>5630 ± 80 BP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Age (cal)</td>
<td>Delta 13C</td>
</tr>
</tbody>
</table>

Notes

<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>216</td>
<td>HAR-5641</td>
<td>SS 42938 29494</td>
<td>-2.2 m OD</td>
<td>Base of peat immediately overlying the midden.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Areas 2 &amp; 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Age (uncal)</td>
<td>5740 ± 100 BP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Age (cal)</td>
<td>Delta 13C</td>
</tr>
</tbody>
</table>

Notes
<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>217</td>
<td>HAR-5632</td>
<td>SS 42938 29494</td>
<td>-2.3 m OD</td>
<td>Charcoal from combined samples from upper part of midden.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Age (uncal) 6100 ± 200 BP</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>Notes</td>
</tr>
<tr>
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<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>218</td>
<td>HAR-5645</td>
<td>SS 42938 29494</td>
<td>-2.4 m OD</td>
<td>Charcoal from combined samples from the lower part of midden.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Age (uncal) 6320 ± 90 BP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Notes</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>219</td>
<td>HAR-6215</td>
<td>SS 42957 29491</td>
<td>-2.5 m OD</td>
<td>Charcoal from upper 10 cm of lower clay.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Age (uncal) 6250 ± 110</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Notes</td>
</tr>
<tr>
<td>ID</td>
<td>Laboratory code</td>
<td>Sample location</td>
<td>Depth of sample</td>
<td>Dated sample description</td>
</tr>
<tr>
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<td>-----------------</td>
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<td>--------------------------</td>
</tr>
<tr>
<td>220</td>
<td>HAR-5644</td>
<td>SS 42938 29494</td>
<td>-2.5 m OD</td>
<td>Charcoal from upper 10 cm of lower clay.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>221</td>
<td>HAR-5643</td>
<td>SS 42971 29500</td>
<td>-2.5 m OD</td>
<td>Gulley cut into lower blue clay.</td>
</tr>
</tbody>
</table>

**Notes**

Age too early, so discount.

**Bibliographic reference**

# Westward Ho!, Devon

<table>
<thead>
<tr>
<th>Record ID</th>
<th>306</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Authors</strong></td>
<td>Churchill, D.</td>
</tr>
<tr>
<td><strong>Year</strong></td>
<td>1965</td>
</tr>
</tbody>
</table>

## Location description
51deg 2'30'' N Lat, 4deg 13' 50'' W Long [SS 43646 29350 converted]

## Deposit description
Kitchen midden overlying estuarine clay. All overlain by oak fen-wood peat one foot thick. In places, thin clay layer overlies midden deposit.

## Associated artefacts
Midden base is -8 ft OD [-2.44 m OD], containing Mesolithic flints (Sauveterrian) and intertidal mollusca.

## Early work
Midden base is -8 ft OD [-2.44 m OD], containing Mesolithic flints (Sauveterrian) and intertidal mollusca.

## Sample method

## Depth of deposit
Peat at -0.7 ft [0.21 m] OD.

## 14C ages available
Yes

## Notes
Peat layer found to contain Suaeda maritima and Atriplex patula seeds i.e. saltmarsh (Reid, 1913). Also, Churchill, in Godwin and Willis (1964).
### 14C details

<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
</tr>
</thead>
<tbody>
<tr>
<td>222</td>
<td>Q-672</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2.1 m OD</td>
<td></td>
<td>Top 3'' [7.62 cm] of the 8'' [20.32 cm]-thick peat band.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
</tr>
</thead>
<tbody>
<tr>
<td>6585 ± 130 BP</td>
<td>4635 ± 130 BC</td>
<td></td>
</tr>
</tbody>
</table>

### Notes

Godwin and Willis (1964) (pg 126).

### Bibliographic reference

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

**Record ID** 307

**Authors**
Jacobi, R.  

**Year**
1979

**Location description**

**Deposit location**

**Deposit description**

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

**14C ages available**

Yes

**Notes**

### 14C details

<table>
<thead>
<tr>
<th>ID</th>
<th>Laboratory code</th>
</tr>
</thead>
<tbody>
<tr>
<td>223</td>
<td>Q-121</td>
</tr>
</tbody>
</table>

**Sample location**

**Depth of sample**

**Dated sample description**

Bone from midden.

<table>
<thead>
<tr>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
</tr>
</thead>
<tbody>
<tr>
<td>6810 ± 140</td>
<td>4860 ± 140 BC</td>
<td></td>
</tr>
</tbody>
</table>

**Notes**
<table>
<thead>
<tr>
<th>ID</th>
<th>224</th>
<th>Laboratory code</th>
<th>Q-1211</th>
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</thead>
<tbody>
<tr>
<td>Sample location</td>
<td>Depth of sample</td>
<td>Dated sample description</td>
<td></td>
</tr>
<tr>
<td>Charcoal adjacent to midden.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Age (uncal)</td>
<td>Age (cal)</td>
<td>Delta 13C</td>
<td></td>
</tr>
<tr>
<td>6955 ± 140</td>
<td>5005 ± 140 BC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes**

**Bibliographic reference**

Jacobi, R. 1979 'Early Flandrian hunters in the south-west', Proceedings of the Devon Archaeological Society, 37, 48-93
Westward Ho!, Devon

Record ID 314

Authors  Year
Ellis, H.  1867a/1866

Location description  Deposit location
On the outside of the southern end of Northam Pebble Ridge

Deposit description  Deposit stratigraphy
Submerged forest bed, on top of angular fragments of carbonaceous grit pebbles (layer a few inches thick), on top of blue mud. Extends 200 yards [182.88 m] along ridge, probably under the ridge into Northam Marsh.

Associated artefacts  Early work
Broken flints, flint flakes, flint implements found in submerged forest - found within forest deposit of prostrate boughs + trunks of birch/alder/oak trees + roots, nuts and acorns.

Depth of deposit  14C ages available
Forest height is at about mean sea level. Flints were found halfway between pebble ridge and low water mark, at 1-8" [2.54 to 20.32 cm] deep. No

Notes

Bibliographic reference
Ellis, H. 1867a/1866 'On a flint-find in a submerged forest of Barnstaple Bay, near Westward Ho!', Report and Transactions of the Devonshire Association, 1, 80-81.
### Westward Ho!, Devon

**Record ID** 317

**Authors** Churchill, D. and Wymer, J.

**Year** 1965

**Location description**

**Deposit location**

**Deposit description**

Peat on bluish grey sandy clay (containing pollen), on top of sterile blue clay (no organics). Peat patches between pebble ridge and low water mark.

**Deposit stratigraphy**

**Associated artefacts**

Flints found (Ellis, 1866). Wooden stakes found by Hall. Red deer antler found by Worth (1934).

**Early work**

First identified de la Beche (1839).

**Sample method**

**Depth of deposit**

14C ages available

Yes

**Notes**

Considered sea level to be 4-6m below present at time of peat formation.
14C details

**ID** 225  
**Laboratory code** Q-672

<table>
<thead>
<tr>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood from top of peat.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
</tr>
</thead>
<tbody>
<tr>
<td>6585 ± 130 BP</td>
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</tbody>
</table>

**Notes**

Areas 2 & 3

**Bibliographic reference**

Westward Ho!, Devon

<table>
<thead>
<tr>
<th>Record ID</th>
<th>318</th>
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<tbody>
<tr>
<td><strong>Authors</strong></td>
<td>Jacobi, R.</td>
</tr>
<tr>
<td><strong>Location description</strong></td>
<td>Deposit location</td>
</tr>
<tr>
<td><strong>Deposit description</strong></td>
<td>Deposit stratigraphy</td>
</tr>
<tr>
<td><strong>Associated artefacts</strong></td>
<td>Early work</td>
</tr>
<tr>
<td><strong>Sample method</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Depth of deposit</strong></td>
<td>14C ages available</td>
</tr>
</tbody>
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**Notes**

**14C details**

<table>
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<tr>
<td><strong>Laboratory code</strong></td>
<td>Q-1249</td>
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<tr>
<td><strong>Sample location</strong></td>
<td>Wood from peat.</td>
</tr>
<tr>
<td><strong>Depth of sample</strong></td>
<td>Dated sample description</td>
</tr>
<tr>
<td><strong>Age (uncal)</strong></td>
<td>6680 ± 120 BP</td>
</tr>
<tr>
<td><strong>Age (cal)</strong></td>
<td>Delta 13C</td>
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</tbody>
</table>

**Notes**
Areas 2 & 3.

**Bibliographic reference**
Westward Ho!, Devon

Record ID   319

Authors  Year
Welin, E, Engstrand, L. and Vaczy, S.  1972

Location description  Deposit location
Peat bed exposed by exceptional storms in March 1970.

Deposit description  Deposit stratigraphy

Associated artefacts  Early work

Depth of deposit  14C ages available
Yes

Notes
Collected and submitted by BJ Williams (Institute of Geological Sciences).

14C details

<table>
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<th>ID</th>
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<tr>
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<table>
<thead>
<tr>
<th>Sample location</th>
<th>Depth of sample</th>
<th>Dated sample description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 4319 2958</td>
<td>2 m below high water mark.</td>
<td>Wood from roots within peat.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Age (uncal)</th>
<th>Age (cal)</th>
<th>Delta 13C</th>
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</thead>
<tbody>
<tr>
<td>4995 ± 105 BP</td>
<td>3045 BC</td>
<td></td>
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</tbody>
</table>

Notes
Areas 2 & 3. Peat bed 0.6 m thick.

Bibliographic reference
**Westward Ho!, Devon**

**Record ID** 320

**Authors**
Hall, T.

**Year**
1866

**Location description**
At the south end of the beach

**Deposit location**

**Deposit description**
70-80 large tree stumps in the peat were excavated, seen to be growing in situ. Mainly oak, with some pine and fir.

**Deposit stratigraphy**
2 ft 6" sand, on blue clay, on Forest and peat bed 4 ft thick (stumps of trees, flint flakes, acorns, hazel nuts, tree rootlets). On blue clay, on reddish clay 3 ft, on Head.

**Associated artefacts**
Jan 1865 - found abundant flint flakes and cores, and kitchen midden. Also, pointed stakes, and abundant bones (mostly deer, some ox, roe deer, wild boar, goat, wolf).

**Early work**

**Sample method**
Exposure in Winter of 1863-64.

**Depth of deposit**
Extended from the base of the pebble ridge, to below low tide.

**14C ages available**
No

**Notes**
Manuscript of talk [same talk?] is held in the Athenaeum, Barnstaple (Rogers, 1946).

**Bibliographic reference**
Hall, T. 1866 'The geology of north Devon - a lecture to the Exeter Naturalists' Club at Westward Ho! in 1865', Privately printed, London.
Westward Ho!, Devon

Record ID  321

Authors  Year
Welin, E, Engstrand, L. and Vaczy, S.  1972

Location description  Deposit location
SS 4319 2958

Deposit description  Deposit stratigraphy
Expanse of grey to brown silty and sandy peat (36x20 m) revealed during a storm. Between 0.45-0.61 m thick. On pebble bed at least 0.3 m thick.

Associated artefacts  Early work

Depth of deposit  14C ages available
Peat base was 2.74 m below high water mark. Yes

Notes
Williams' submitted radiocarbon ages.
<table>
<thead>
<tr>
<th>14C details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ID</strong> 228</td>
</tr>
<tr>
<td><strong>Sample location</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Age (uncal)</strong></td>
</tr>
<tr>
<td>4995 ± 105 years BP</td>
</tr>
</tbody>
</table>

**Notes**
Wood fragments from peat bed exposed by exceptional storms in March 1970 on beach. Part of submerged forest drowned by Flandrian transgression.

| **ID** 229 | **Laboratory code** |
|-------------|
| **Sample location** | **Depth of sample** | **Dated sample description** |
| | SS 4319 2958 | Peat |
| **Age (uncal)** | **Age (cal)** | **Delta 13C** |
| 3075 ± 100 years BP | | |

**Notes**
Probably contaminated.

**Bibliographic reference**
Westward Ho!, Devon

Record ID  322

Authors  Year
Bate, C.  1866

Location description  Deposit location

Deposit description  Deposit stratigraphy
Section through Braunton Northam burrows showed bed of clay containing roots and trunks of trees and flint flakes. Clay overlain by beach sand and underlain by pebble boulders.

Associated artefacts  Early work

Sample method

Depth of deposit  14C ages available
No

Notes

Bibliographic reference
Bate, C. 1866 'An attempt to approximate the date of the flint flakes of Devon and Cornwall', Rep and Trans Devon Assoc, 1, 128-136.
Westward Ho!, Devon

Record ID 355

Authors  Year
Rogers, E.  1946

Location description  Deposit location

Deposit description  Deposit stratigraphy
Outer and inner peat-bed remnants identified on seaward-sloping blue clay surface. Seaward peat lies on shelly calcareous mud, with thin clay layers in places.

Associated artefacts  Early work
Numerous split bones, teeth, flint flakes and cores within calcareous mud layer. Mesolithic microlith flints.

Sample method

Depth of deposit  14C ages available
No

Notes
Rogers (1946) is seen as most definitive description of the deposits. Referred to in Churchill and Wymer (1965).

Bibliographic reference
### Westward Ho!, Devon

**Record ID** 422

<table>
<thead>
<tr>
<th>Authors</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rogers, E.</td>
<td>1946</td>
</tr>
</tbody>
</table>

**Location description**

Inner and outer peat on the shore.

**Deposit description**

Deposit stratigraphy

**Associated artefacts**

Early work

Midden 4" [10.16 cm] thick.

Submerged forest mentioned by Risdon (1605) - on finding an oak tree 30 ft long below Braunton Burrows.

**Sample method**

**Depth of deposit**

14C ages available

No

**Notes**

**Bibliographic reference**

Westward Ho!, Devon

Record ID  423

Authors       Year
Rogers, I.         1908

Location description

Deposit description
Submerged forest area reduced compared to Townsend Hall’s estimates. Found seeds in the peat of Ranunculus ssp, Viola, Alnus, Corylus, Callitriche, Cornus, Rumex, Urtica, Quercus, Lychnis, Atriplex, Carex ssp. Plus others i.e. brackish marsh.

Deposit stratigraphy

Associated artefacts
Also, abundant brackish mollusc Hydrobia Ulvae. Midden contains oyster, mussel and limpet shells, plus flint flakes and cores. Also numerous rodent teeth. Yelland Sone Row nearby [SS 492 328 from map].

Early work

Sample method

Depth of deposit

14C ages available
No

Notes
Referred to in Rogers (1946).

Bibliographic reference
Rogers, I. 1908 ‘On the submerged forest at Westward Ho! Bideford Bay’, Reports of the Devonshire Association for the advancement of Science, 40, 249-259.
### Yelland, Devon

**Record ID** 354

<table>
<thead>
<tr>
<th>Authors</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rogers, E.</td>
<td>1946</td>
</tr>
</tbody>
</table>

**Location description**

**Deposit location**
[c. SS 489 328]

**Deposit description**

Outer and inner peat-bed remnants identified on seaward-sloping blue clay surface. Seaward peat lies on shelly calcareous mud, with thin clay layers in places.

**Deposit stratigraphy**

**Associated artefacts**

Numerous split bones, teeth, flint flakes and cores within calcareous mud layer. Mesolithic, Neolithic and Bronze Age flints.

**Early work**

**Sample method**

**Depth of deposit**

14C ages available
No

**Notes**

Rogers (1946) is seen as most definitive description of the deposits. Referred to in Churchill and Wymer (1965).

**Bibliographic reference**
