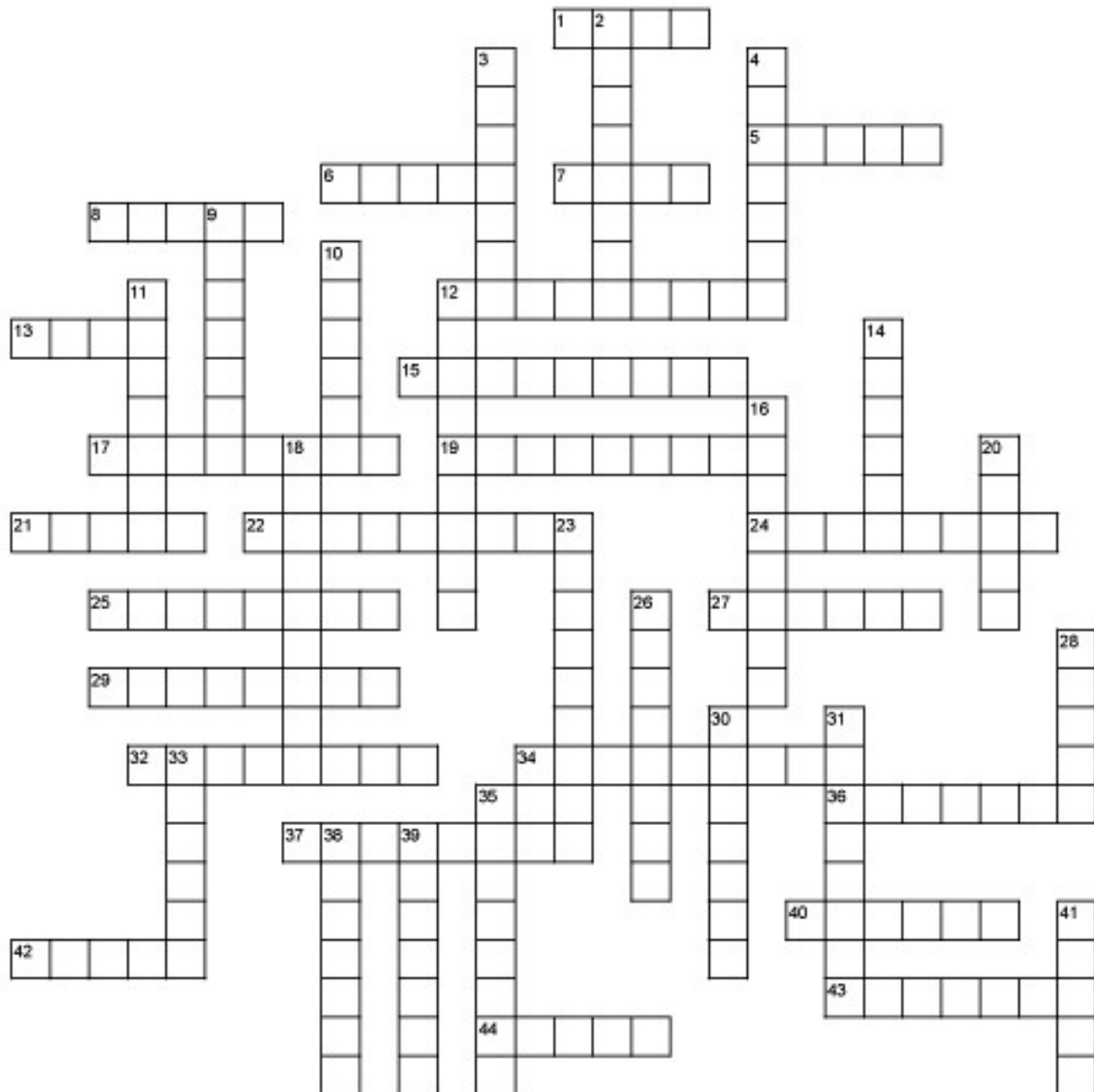


Chatsworth Moor Geocross V22

No contact geocaching and crossword

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To solve this crossword puzzle you need to visit the 15 locations of the main feature in the following photographs.

You will need the what3words app (W3W) on your GPS device. Using your GPS device held over the main feature you then get the what3words address. You will probably have to move around to find the W3W square containing the 'word' provided.

Save all the words and eventually fit the words to the crossword grid.

There are just four crossword clues. Find these words first, then fit all the other words to the grid. There may be more than one solution.

Clues

2 DOWN begins with 'u'

20 DOWN fish

22 ACROSS computers need these

32 ACROSS they roamed the earth 300m years ago

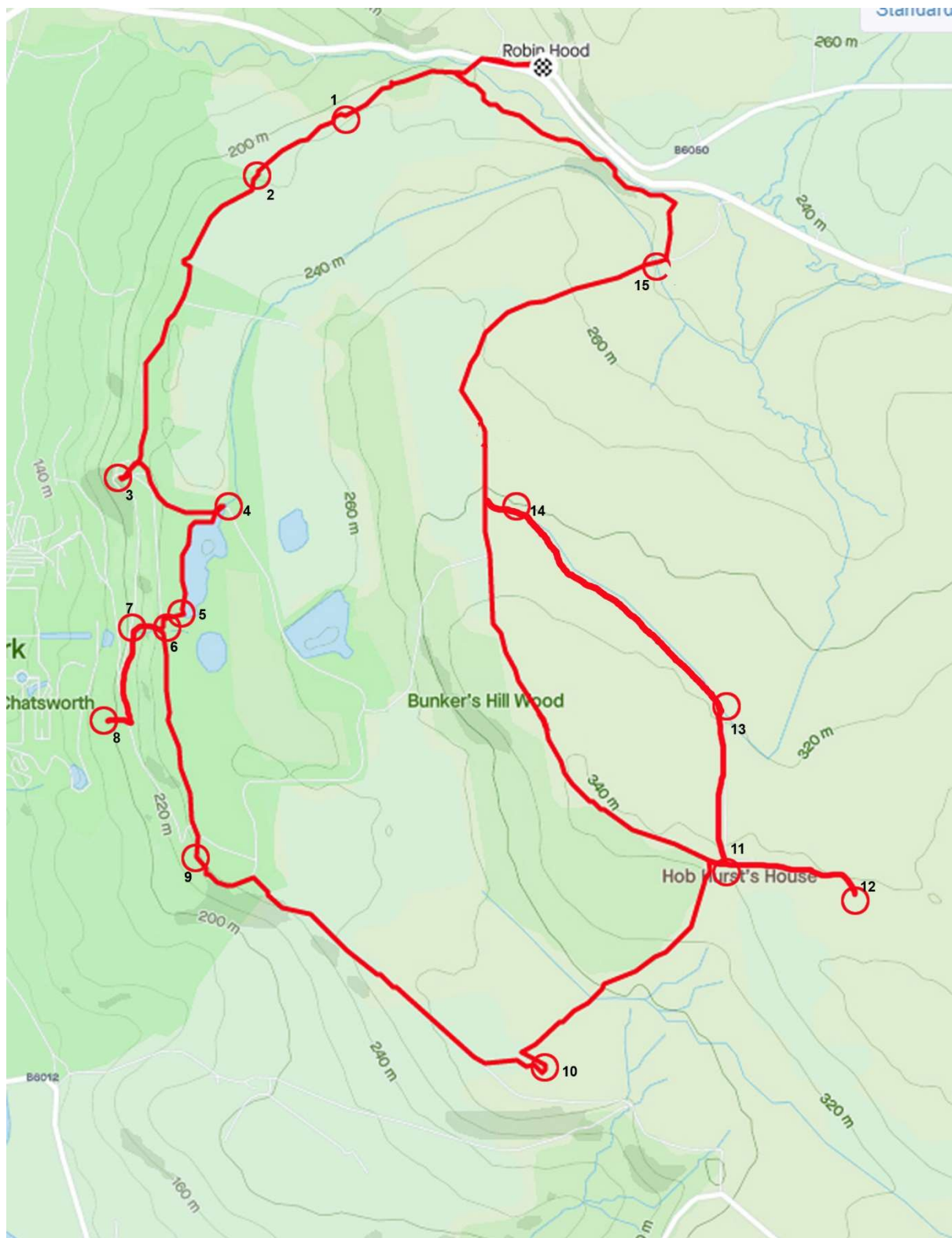
The GPS on mobile phones can be imprecise. This can mean that multiple devices very close to each other might show different 3 word addresses, not because the 3 word addresses of your actual location is different but because the devices each think they are in slightly different places. Each location is a grid square 3x3 metres.

In order to help you ensure that you obtain the correct three word (W3W) address, the first word in the W3W is provided as a clue. You may need to walk around the main feature into different 3 x 3 metre grid squares to find the correct W3W address.

E.g. Let's assume that you are at a location given by the W3W address thick.verge.commented and you are told the first word of the W3W address is the word "thick". You now know you have found the right one.

Location	OS grid reference	W3W		
		First word	Second word	Third word
1	SK 27299 71928	swooned		
2	SK 26992 71732	hobble		
3	SK 26493 70616	blindfold		
4	SK 26880 70520	scavenger		
5	SK 26707 70131	archduke		
6	SK 26632 70097	popping		
7	SK 26542 70054	composer		
8	SK 26449 69754	dinosaur		
9	SK 26807 69207	cute		
10	SK 28050 68511	reclaim		
11	SK 28733 69244	bandstand		
12	SK 29074 69218	exits		
13	SK 28676 69801	initiates		
14	SK 27904 70484	reset		
15	SK 28431 71409	diets		

Each of the locations can be found on the route below. The locations are listed in order and sufficient background is included to help you triangulate your position to identify the location.



Start and finish at the Birchen Edge car park.

Location 1 OS ref SK 27299 71928

Squeeze stile near Dobb Edge

Contains "swooned"



Dobb Edge is known as Chatsworth Edge to rock climbers. It is not very popular because it has some very hard crack climbs which are currently out of fashion.

History says that the Duke of Devonshire approved of climbing. He was taking a carriage drive past with his keepers and saw young men on the rocks. The keepers said that they were trespassing to climb on the Dukes land.

Climbers, said the Duke, are doing no harm.

Location 2 OS ref SK 26992 71732

Chatworth Deer Park wall and stile

Contains "hobble"



A tall wall to keep the deer in.

Location 3 OS ref SK 26493 70616

Hunting Tower – south cannon

Contains “blindfold”



Magnificent viewpoint over Chatsworth Park.

Location 4 OS ref SK 26880 70520

Emperor Lake – entry point for the Emperor Stream water (small wooden post)

Contains “scavenger”



The Emperor Stream was dug to divert water from Umberley Brook into the man-made Emperor Lake. Joseph Paxton was Head Gardener at Chatsworth from 1826 and masterminded an extensive redesign. Amongst his ‘Grand Designs’ was the very high Emperor Fountain.

Location 5 OS ref SK 26707 70131

Emperor Fountain supply pipe

Contains "archduke"



Recently refurbished at the top end but still controlled by the original valve which is located by the Emperor Fountain, 122 metres lower down. The fountain once reached 90 metres height, but now is controlled to reach 60 metres.

Location 6 OS ref SK 26632 70097

Sowter Stone basin above the Cascade

Contains “popping”



The water for the Cascades and most of the other ponds and lakes in Chatsworth Garden comes from the Swiss Lake which predates the Emperor Lake.

Location 7 OS ref SK 26542 70054

Aquaduct – stone weir in stream at foot

Contains “composer”



A spectacular but little visited feature which lies just outside the Chatsworth Garden boundary wall.

From here a number of paths give interesting climbs back up to the carriage drives of the woodlands.

Location 8 OS ref SK 26449 69754 (may be inaccurate due to trees)

Great Greenhouse Chimney – north east corner

Contains “dinosaur”



Stone built square chimney to take the smoke from the boilers used to heat Paxtons Great Greenhouse. Eight boilers heated water to keep the greenhouse hot. Cartloads of coal came across the moors and down zigzags within Stand Wood to deliver coal daily to keep the boilers going. 300 tons were needed in winter.

The chimney and its plume of smoke is hidden away from the eyes of the Duke's guests, within Stand Wood. It is positioned 300 metres north-east of the Greenhouse to use the prevailing south-west winds to disperse the smoke. Finished in 1840 the Greenhouse was demolished in 1920.

Location 9 OS ref SK 26807 69207 (may be inaccurate due to trees)

Abandoned water feature

Contains “cute”



A basin with metalwork and several large holes which might have supported a structure.

Location 10 OS ref SK 28050 68511

Chatsworth South Stone Circle

Contains "reclaim"



Quite fine stone circle, although heavily overgrown and rarely visited. A good number of standing stones remain.

The location is immediately next to a well used packhorse route, with a number of holloways. These would have been heavily used to deliver supplies to the rear of Chatsworth House, not least would be a continuous supply of coal for heating.

Location 11 OS ref SK 28733 69244

Hob Hurst's House stile

Contains "bandstand"



Not a house but a Bronze Age square burial mound over 3000 years old.

One of the first Ancient Monuments to be taken into care of English Heritage by the 1882 Act.

Location 12 OS ref SK 29074 69218

Guide Stoop

Contains “exits”



Now a little used footpath, but once an important crossing point.

Location 13 OS ref SK 28676 69801

Umberley Well conduit bridge

Contains “initiates”



Umberley Well conduit was the original source of water to Chatsworth Gardens. It feeds into Swiss Lake.

Location 14 OS ref SK 27904 70484

Umberley Well conduit overspill weir

Contains “reset”



Umberley Well conduit supplying Swiss Lake, has a modern overspill weir allowing excess water to overspill and drain naturally across Gibbet Moor to join the Emperor Stream, and into the Emperor Lake.

Location 15 OS ref SK 28431 71409

Emperor Stream

Contains “diets”



The Emperor Stream was built by Joseph Paxton in the 1830s to power the impressive Emperor Fountain. It runs 3km across the moor to the Emperor Lake.