SURREY BOTANICAL SOCIETY

VIRTUAL MAP FACILITY

1. ACCESSING THE VIRTUAL MAP

On the SBS Website www.surreyflora.org.uk move the cursor over the Recording button on the main menu and then select Virtual Map from the drop-down menu. This will display a Google Map image centred on Dorking showing the VC17 boundary and parts of the surrounding counties. OS gridlines may displayed using the OS Grid button in the lower right hand corner.

There are two buttons in the top right hand corner of the window: Map and Satellite. The default display of the virtual map is Satellite with the Labels box ticked. This shows the Google satellite image together with towns and road names. If the Map button is pressed then the street map for the same area is shown and if the Terrain box is ticked then the relief of the land is also displayed.

2. MAP CONTROLS: ZOOMING AND PANNING

Zooming the Map

 There are two ways in which the map may be zoomed in and out:

1. There is a vertical slider bar at the left of the window. Place the cursor on either the + or – signs at the top and bottom of the bar and click several times using the left hand touchpad or mouse button.

2. Move the vertical slider bar up or down

Panning the Map

There are two ways to move the map display in different directions:

1. In the top left hand corner of the screen are four directional arrows, place the cursor on any one of them and click the left hand touchpad/mouse button. This will move the map across the screen in the corresponding direction.

2. With the cursor on the map, hold down the left touchpad/mouse button and drag the map in the direction required.

3. ENTER A PLACE NAME TO DISPLAY A LOCATION

In the lower left hand corner of the screen, enter a place name in the field to the left of the Find Place/GR/VC button. Many place names are not unique to VC17 and it is recommended that "Surrey" is included in the search text. Then either press Enter or click the Find Place/GR button and the requested map location will be centred on the screen and identified by a red pointer. If the cursor is hovered over the pointer then the place name will be displayed.

4. ENTER A GRID REFERENCE TO DISPLAY A LOCATION

If a grid reference rather than a place name is entered into the Find Place/GR/VC field, then the satellite image on the screen will indicate with a green pointer the location that corresponds to that grid reference, again centred in the screen. Hovering the cursor over the pointer will display the corresponding grid reference.

The level of precision can be between two and ten digits and the entry format can either be a continuous string (TQ1671049517) or may contain spaces (TQ 16710 49517).

If the grid reference of interest is being taken from either MapMate (Data Entry Screen or Analysis Report) or from an Excel spreadsheet then it can be copied and pasted directly from these applications into the Find Place/GR Field.

5. DERIVE A GRID REFERENCE FROM A MAP LOCATION

Place the cursor over a location for which the grid reference is required and right click. A blue pointer will be displayed in the centre of the screen marking the location. If the cursor is hovered over the pointer then the grid reference entered will be displayed. The same 10 digit grid reference will also be shown in the Grid Ref: box at the foot of the screen.

6. DISPLAY THE BOUNDARIES OF SURROUNDING VICE-COUNTIES

The Virtual Map is able to display the boundaries of the neighbouring Vice-counties. In the Find Place/GR/VC field, enter the required vice-county number as follows:

 Hampshire (N) - VC12 West Sussex - VC13 East Sussex - VC14 Kent (E) - VC16 Middlesex - VC21 Berkshire - VC22 Buckinghamshire - VC24

7. DISPLAY TAXA RECORDED IN A SURREY MONAD

1. Enter a monad in thye search box (bottom left)

2. Click the TAXA button (bottom right).

After a short delay, a list of taxa recorded in the chosen monad will displayed, together with a summary of the number of records and taxa and instructions to copy or print the list and go back to Virtual Map.

8. RESET FEATURE

 The coloured pointers will accumulate on the screen if the above operations are carried out a number of times. Clicking the RESET button will clear the markers and grid lines and return the screen to its original state.

9. SWITCH TO OS MAP

Click on the OS MAP button to switch to an OS Map. Not all the features of the Google map are available. You can search for a Grid Reference or place name (top right), pan and zoom (top left) and switch the VC boundary on if required (bottom right).

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