



Using WildKey on a mobile device

Setting up your device for WildKnowledge applications


WildKey currently works with a number of web browsers, including Internet Explorer, but if you wish to use our offline functionality (see below) or GPS, we recommend you use Opera Mobile 9.5 beta - available at <http://www.opera.com/mobile/download/> - choose the Gears-enabled option

- Open the browser on your mobile device and visit <http://m.wildknowledge.co.uk>
- Login with your WildKnowledge username/password
- You will be prompted to allow 'Gears' on your device, this provides local storage (allowing offline work) and also allows the web app to talk to a GPS. Click on the **Install Gears** link and follow the instructions for loading
- After installing Gears, click on the **Create shortcut?** prompt (this will create a 'WildKnowledge Mobile' icon in your Programs list and will save you retyping the url)

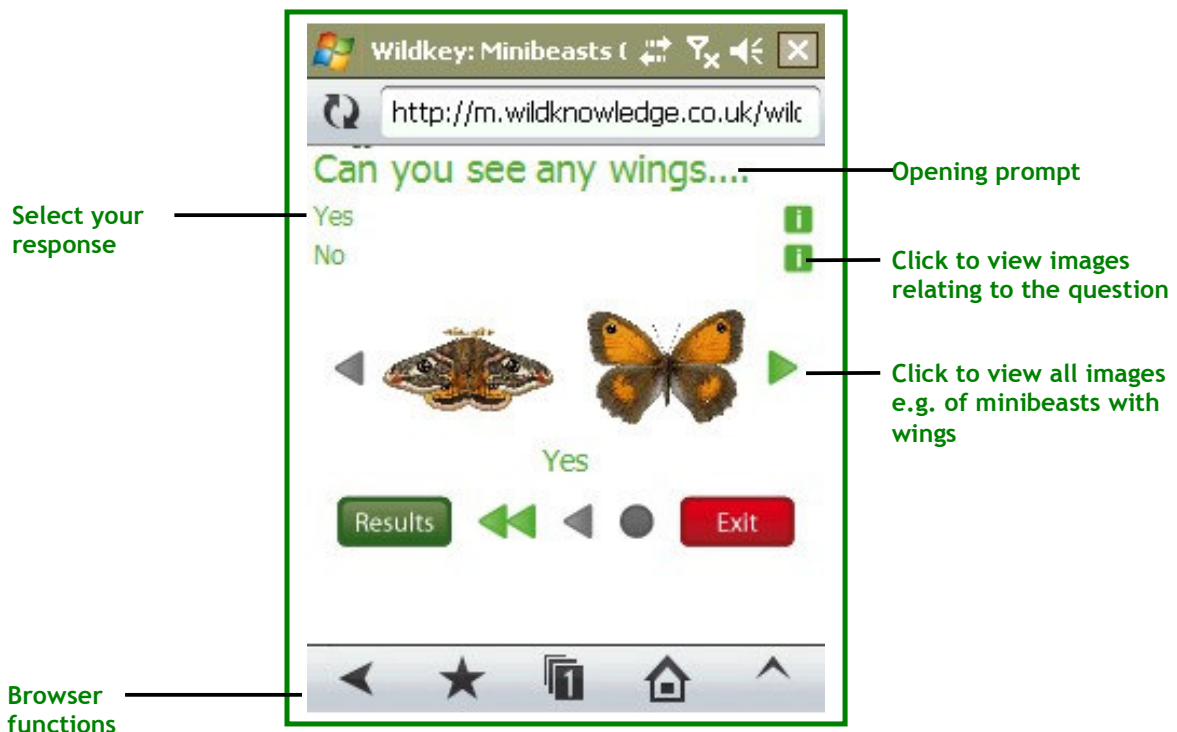
Working online - Mobile devices with mobile internet connection

If you have a good mobile internet connection in the area in which you will be working (e.g. wireless, 3G, HSDPA or EDGE), you can use WildKey online. To work in the online mode, you must make sure:

a) your device is connected to the internet at all times

b) the 'offline' mode is inactive - this is indicated by a red cross  on the home page and next to the key/s you are using

- On your mobile device, open 'WildKnowledge Mobile' from your Programs list - this fires up the Opera browser (installation instructions above) and takes you automatically to the m.wildknowledge.co.uk site
- Login if prompted
- To open a key on your mobile device, click on the WildKey icon, this will show all keys in your account along with the number of records for each key
- Open the key of interest by clicking on the relevant title/image e.g. Minibeast WildKey:.



Hover Fly

View extra information

Record this species

View saved records for this key

Results

Go back one step

Exit

Return to start of key

Detailed description: This screenshot shows the top part of a mobile application interface for identifying a 'Hover Fly'. At the top left, the text 'Hover Fly' is displayed in green. To its right is a small green square icon with the number '1'. Below the text is a detailed illustration of a hover fly. At the bottom of the interface, there are several interactive elements: a green button labeled 'Results', two green left-pointing arrow buttons, a red dot, and a red button labeled 'Exit'. A grey button with an upward-pointing arrow is also visible in the bottom right corner. Five callout lines with green text point to these elements: 'View extra information' points to the '1' icon; 'Record this species' points to the red dot; 'View saved records for this key' points to the 'Results' button; 'Go back one step' points to the first green arrow button; and 'Return to start of key' points to the second green arrow button.

Location is [51.752913 , -1.236435] with accuracy of 861 meters .

Hover Fly

When *
05/05/2009 Today

Where *
[Empty text box]

Grid Ref
51.752913,-1.236435

Quantity *
1

Who *
[Empty text box]

Picture
Choose...

Click to complete field

Click in box to activate keyboard

Grid Ref field completes automatically

Open your camera first to take a picture then click 'Choose' to attach it

Detailed description: This screenshot shows a data entry form for a 'Hover Fly' record. The form is set against a light green background. At the top, a green banner displays the current location: 'Location is [51.752913 , -1.236435] with accuracy of 861 meters .'. Below this, the title 'Hover Fly' is shown. The form contains several fields: 'When *' with a date input field containing '05/05/2009' and a 'Today' button; 'Where *' with an empty text input field; 'Grid Ref' with an input field containing '51.752913,-1.236435'; 'Quantity *' with an input field containing '1'; 'Who *' with an empty text input field; and 'Picture' with a 'Choose...' button and a camera icon. Five callout lines with green text point to specific elements: 'Click to complete field' points to the 'Today' button; 'Click in box to activate keyboard' points to the 'Where *' input field; 'Grid Ref field completes automatically' points to the 'Grid Ref' input field; 'Open your camera first to take a picture then click 'Choose' to attach it' points to the 'Choose...' button; and an unlabeled line points to the camera icon.

Working offline - Mobile devices with no mobile internet connection

If you do not have mobile internet on your device or do not have a suitable internet tariff (e.g. you only have a small data allowance), or you will be working out-of-range of a fast internet connection, you can use WildKey offline by first caching the contents to your device.

- Get your device online - sync it to a broadband-enabled desktop / laptop with a cable or connect to your WiFi (wireless network)
- Open WildKnowledge Mobile on your device from your Programs list
- Click on **Offline** (the cross **X** changes to a tick **✓**) - this enables the offline option. You will need to wait whilst the basic information required for offline use is downloaded.
- Once the 'base store' files have downloaded, click on the WildKey icon and click on the cross(es) to locally store the key(s) you wish to use. If for any reason the download process is interrupted, click on the cross to resume download. If your device runs out of memory (you will see a warning message), exit the browser and return to the keys to continue downloading.
- Once download is complete, disconnect your device and use offline. Do not logout as this will deactivate the offline mode - and you will have to get online again to log back in. *Note: Although logging out deactivates the offline mode, it does not delete any keys or results stored on the device, these can be accessed by re-ticking the offline mode*

The offline mode now works exactly in the same manner as explained in 'Working online' (above), with the exception that only records saved locally can be viewed as you are working offline.

View records by clicking in the **Results** button - they can be edited or deleted.

Upload your records when an internet connection is available.

If you wish to clear a key from your offline storage you can either click on the relevant tick for the key or alternatively log out of the portal and select **yes** to clear the cache.

Using WildKey on a desktop / laptop / netbook / UMPC

Working online - using WildKey on a computer with constant internet connection

If you have an internet connection in the room or area in which you will be working, you can use WildKey online.

- On your computer, go to www.wildknowledge.co.uk and login
- Click 'WildKey' and click on the name of the key you wish to use (e.g. [Common Trees](#))
- Choose the 'Use' option. This will take you to a page where you have a choice of how to a) view the key - either in 'handheld view' or 'desktop view' b) use the key - either in 'demo mode' or 'live mode'. To use the key and save the records to the database you can choose either view but you must choose the 'live mode'.
- From here, use the key as illustrated in the diagrams above and see the section 'My Keys - Maintaining Records and Keys' below for details on viewing and editing your records.

Working offline - using WildKey on a computer away from an internet connection

If you are working out-of-range of an internet connection (e.g. using an unconnected laptop in the middle of a field!), you can use WildKey offline. You do initially have to be connected to the internet though to cache the contents to your computer. Here's how to get set-up:

- Get your computer online (via broadband cable, wireless etc), go to m.wildknowledge.co.uk and login
- Follow the instructions as outlined in page 4 (above) 'Working offline - Mobile devices with no mobile internet connection' from the bullet point number 3 'Click on **Offline** (the cross **X** changes to a tick **✓**)'...

My Keys - Maintaining Records and Keys

The **My Keys** area allows you to **use, maintain, edit** and **share** your keys and records. To view your keys click on the **My Keys** tab.

Maintaining and Sharing Records

To view your uploaded records, click on the number of records for the relevant key. This will open a report of your data that administrators can **edit, delete** or **share**:

- **Editing and deleting records** - data can be edited either individually (by clicking on the pencil icon in the relevant row) or by selecting multiple records and choosing **Edit** from the bottom of the report. Similarly you can delete records by clicking on the delete icon with one or multiple records being selected.
- **Sharing records** - after tidying your records you may wish to share records with the WildKnowledge Community. In order to do this, administrators must verify that the records are complete / suitable for sharing. Records can either be shared / verified by clicking on the 'globe' icon with one or multiple records being selected. Records can be verified by clicking on the verified box. Access to your records by others is governed by the general 'sharing settings' you created when setting up your account. However, these can be altered for individual/multiple records.

Records can also be **sorted, searched, mapped** and **exported** by any user:

- **Sorting records** - data can be sorted in ascending/descending order by clicking on any of the headings (when, where etc).
- **Searching records** - data can be searched according to the results that have been provided for each of the field types e.g. you could search by user name, date, etc. Search results can be saved and given a name by completing the **Save this search** box found below the search criteria. These can then be loaded by clicking on the **Report** button and loading the appropriate search results.
- **Mapping records** - if a latitude/longitude was recorded, users can plot their data directly into Google Maps.
- **Exporting records** - data can be exported to spreadsheet programs such as Excel by using the CSV Export option and then downloading to a desktop.