



# **MyCoins-UK/World**

## **An Application for Collectors of Coins**

**v0.7 August 2018**

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## 1. OVERVIEW

The MyCoins-UK app was developed to catalogue a substantial collection of British coins (over 950 separate items). However, a variant of MyCoins can be used for coins from anywhere. See section 9 below for details of the *MyCoins-World* app. For most purposes, this User Guide can be used for both apps. A supporting document "MyCoins-World Addendum" is available to give details of the differences between MyCoins-UK and MyCoins-World.

The primary database is a text file in CSV format which can be opened in a spreadsheet app such as Excel, Numbers or LibreOffice/OpenOffice.

Each item in the collection can be a single coin or a set of coins. An item can have two primary pictures, the obverse/front and the reverse/back of an item. In addition, an item can have any number of other images associated with it. For example, a set of coins may have additional sheets of information as part of the set; these can be included as additional images. All images are kept in a separate folder linked to the relevant items by the name of the image files.

Where practical, the app uses picking lists rather than free text input. The following picking lists are provided:

- Bullion.csv – *approximate Bullion rates*
- Conditions – *commonly used terms to describe the condition of a coin*
- Denominations – *denominations of the coins*
- Materials, – *the materials that coins are made of*
- Monarchs, – *a list of British Monarchs with the period they reigned*
- Set codes, – *terms used to group items into sets*

A coin collection consists of a folder with various files and sub-folders, for example a collection called "My-British-Coins" would appear as follows

### [Collection-My-British-Coins]

- Collection.csv – *main database itself*
- [Images] – *coin images related to the main database*
- [Lookups] – *picking lists*

If you want to keep a full backup of your coin collection, you should save the complete folder, not just the main file "Collection.csv".

## 2. GETTING STARTED

### 2.1 What's Where

MyCoins-UK consists of 2 main screens and 2 support screens:

Coin List Screen:

Denomination	Year	SetCode	Monarch	Type	Condition	Storage	Acquired	Source	Paid
Pound	1983	BV-2018-06-01	Elizabeth II	1st UK £1 coin, in presentation folder	BU		1983/00	Free offer from Heinz	0
Set - BU Year	1990	BV-2018-06-01	Elizabeth II	8 coins in RM presentation folder	BU		1990/12	Christmas gift	0
Set - BU Year	1983	BV-2018-06-01	Elizabeth II	7 coins (no £1) in Heinz/RM presentation folder	BU		1983/00	Free offer from Heinz	0
Set - Specimen	1968	BV-2018-06-01	Elizabeth II	1st Decimal Set: 1/2p to 10p in wallet	VF		1968/00	Bank	0
Set - Proof	1974	BV-2018-06-01	Elizabeth II	6 coins + medallion in brown RM folder	FDC		1992/01	D G Barney, Devon	5.5
Halfcrown	1949	BV-2018-06-01	George VI	3rd coinage, Cu-Ni, Shield, no IND.9	EF		1992/01	D J Traynor, Stockport	1.25
Halfcrown	1817	LH	George III	Large Head (1816-17)	NVF		1992/05	John Welsh, Burton-on-Tren	8.7
Florin	1849	BV-2018-06-01	Victoria	Godless - no DEI GRATIA (1849 only)	NVF		1992/08	Collectors Fair, Queen's Hall	12.5
Set - Proof	1977	BV-2018-06-01	Elizabeth II	7 coins + medallion in blue RM folder	FDC		1992/09	D G Barney, Devon	5.75
Set - BU Year	1953	BV-2018-06-01	Elizabeth II	Plastic Set - 2/6 to 1/4d (9 coins) in RM	Unc		1992/09	D G Barney, Devon	4.25
Halfcrown	1923	BV-2018-06-01	George V	2nd coinage, crowned shield in garter	GVF		1993/01	D G Barney, Devon	2.5
Sixpence	1897	BV-2018-06-01	Victoria	Veiled head, value in wreath (1893-1901)	VF/GVF		1993/01	D G Barney, Devon	3.75
Set - Proof	1972	BV-2018-06-01	Elizabeth II	7 coins + medallion in dark blue RM folder	FDC		1993/08	D G Barney, Devon	8
Groat	1854	BV-2018-06-01	Victoria	Young head (1836-55)	GVF		1993/08	Collectors Fair, Queen's Hall	3.5
Florin	1852	BV-2018-06-01	Victoria	Gothic, brit, younger portrait (1851-80)	VF		1993/08	Collectors Fair, Queen's Hall	14
Florin	1910	BV-2018-06-01	Edward VII	Britannia standing (1902-10)	NVF		1994/12	D G Barney, Devon	7.5
Farthing	1640	BV-2018-06-01	Charles I	Rose farthing, mm Star	F		1995/01	D G Barney, Devon	3
Shilling	1711	BV-2018-06-01	Anne	Third Bust, Rev Plain	GF			Derby MarketX2	14.5
Set - BU Year	1996	BV-2018-06-01	Elizabeth II	8 coins in RM presentation pack (1p-£2)	BU			Royal Mint Coin Club	9.5
Florin	1887	JH	Victoria	Jubilee head (1887-92)	EF			D G Barney, Devon	9
Set - Type	1902	BV-2018-06-01	VARIOUS	Threepence Set in illustrated cardboard	VF				
Two Pounds Proc	2003	BV-2018-06-01	Elizabeth II	DNA (50th anniversary)	FDC				
Set - Type	1957	BV-2018-06-01	Elizabeth II	Last sterling LSD coins and first decimal	AUnc				

Coin Details Screen:

Denomination: Sixpence Year: 1897 to SetCode: Sixpence types

Monarch: Victoria 1838 to 1901 (64 years) Diameter: 19 mm

Type: Veiled head, value in wreath (1893-1901) SpinkNo: 3942 Mintage: 5

Material: Silver 0.925 Ag-(Cu)

Condition: VF Condition Note:

Weight: 2.8 g

Date Acquired: 1993/01 Source: D G Barney, Devon

Price Paid: 3.75 GBP

Value: 10 GBP Bullion: 1.04 GBP

Storage:

Duplicates:

Date Disposed: Price Received: GBP

Notes: Value from 'Collectors' Coins Great Britain 2018' 43rd edn, by CH Perkins, (Rotographic), which gives average dealer prices.

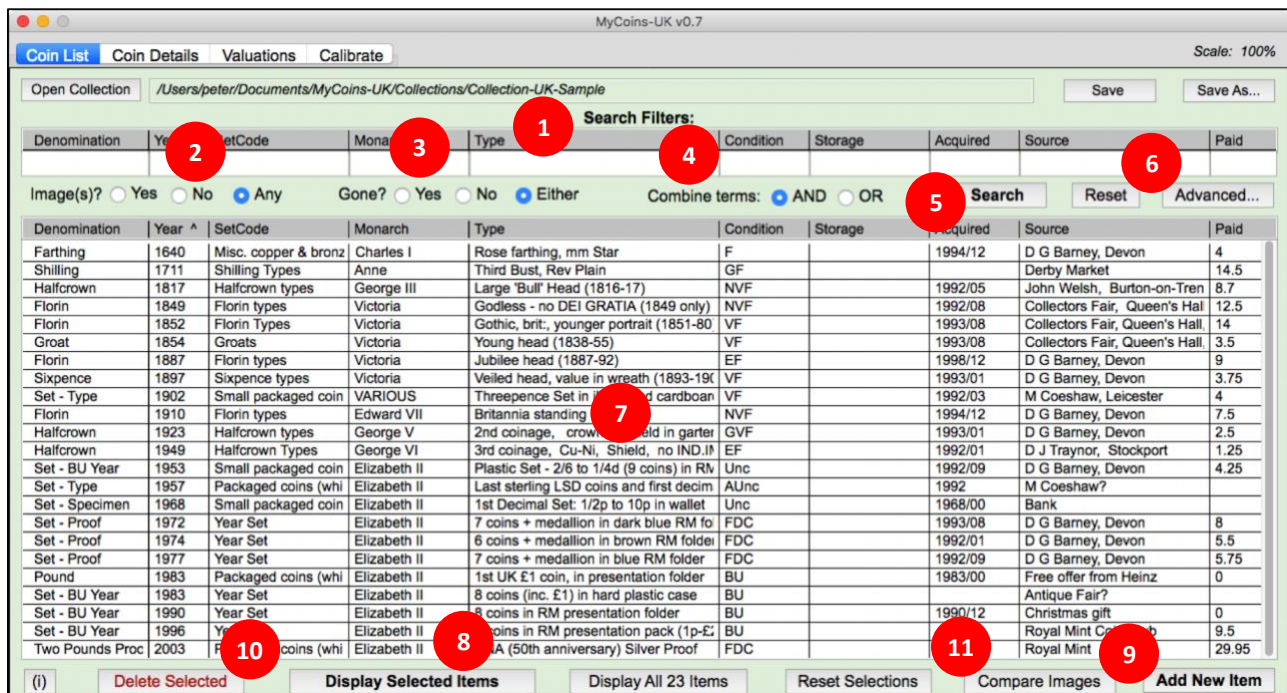
Obverse Reverse

8 / 23 New Copy Delete Save 10480



## 2.2 Coin List Screen

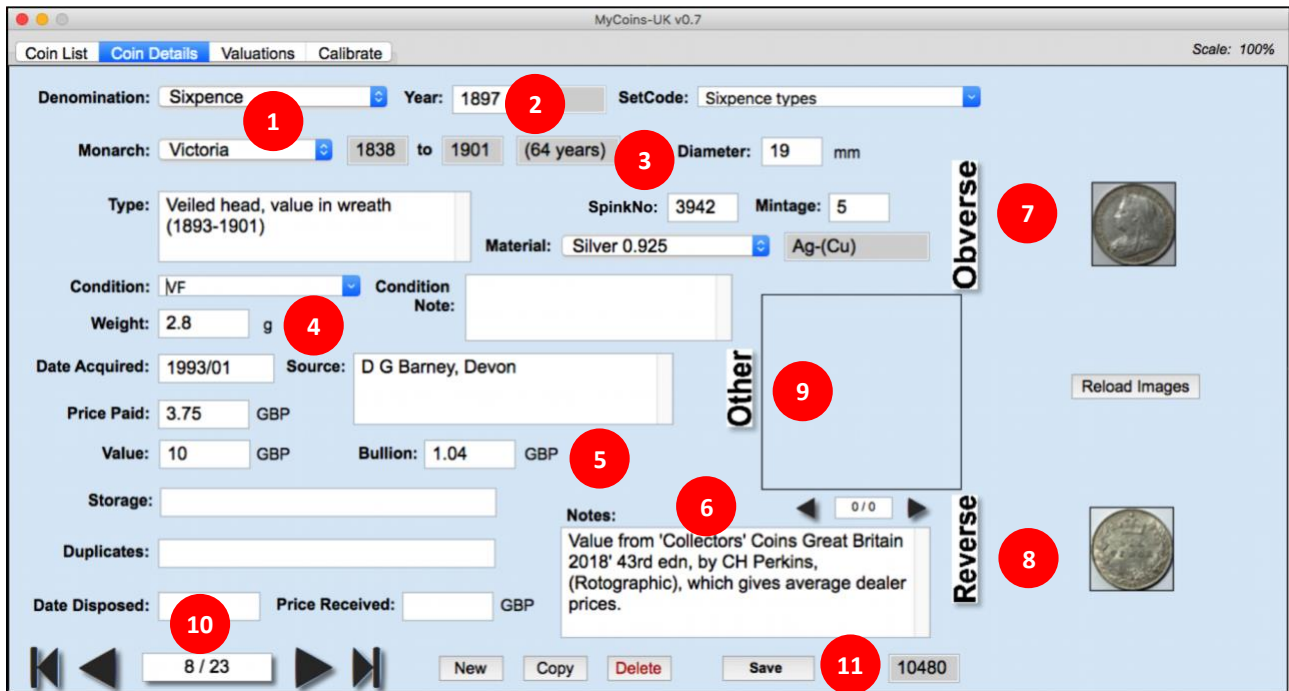
The Coin List screen is the main screen for listing some or all of your coins and for searching:



1. **Search Filters** – selected fields can be used as search filters. If more than 1 field is used at the same time, they are combined using AND (all terms must be true) or OR (any single term must be true) – see (4)
2. **Images?** – must coins have images (Yes), mustn't have images (No), or don't mind (Any)
3. **Gone?** – has the item been disposed of, i.e. no longer in the collection
4. **Combine terms** – how should search conditions/terms be combined – using AND (all terms must be true) or OR (any single term must be true)
5. **Search** – start searching based on filters etc. on this screen – see section 2.7 below
6. **Advanced...** – display pop-up for advanced search criteria to be used instead of search filters on this screen – see section 4 below
7. **List of results** – where the results of a basic filter search or an advanced search will be shown – see section 4 below
8. **Display Selected/All** – display the details for all the results listed or only those that have been selected from the list of results
9. **Add New Item** – add a new coin or set to the collection – see section 3.1 below
10. **Delete Selected** – delete 1 or more items from collection (note that the primary info is permanently deleted but 'deleted' images are preserved, starting with 'X~' just in case you wish to re-use them elsewhere)
11. **Compare Images** – the images for 2 or more items are opened and displayed using the default image viewer/editor for your system

## 2.3 Coin Details Screen

The Coin Details screen is where you'll see all the details, including images for an individual coin or set of coins:

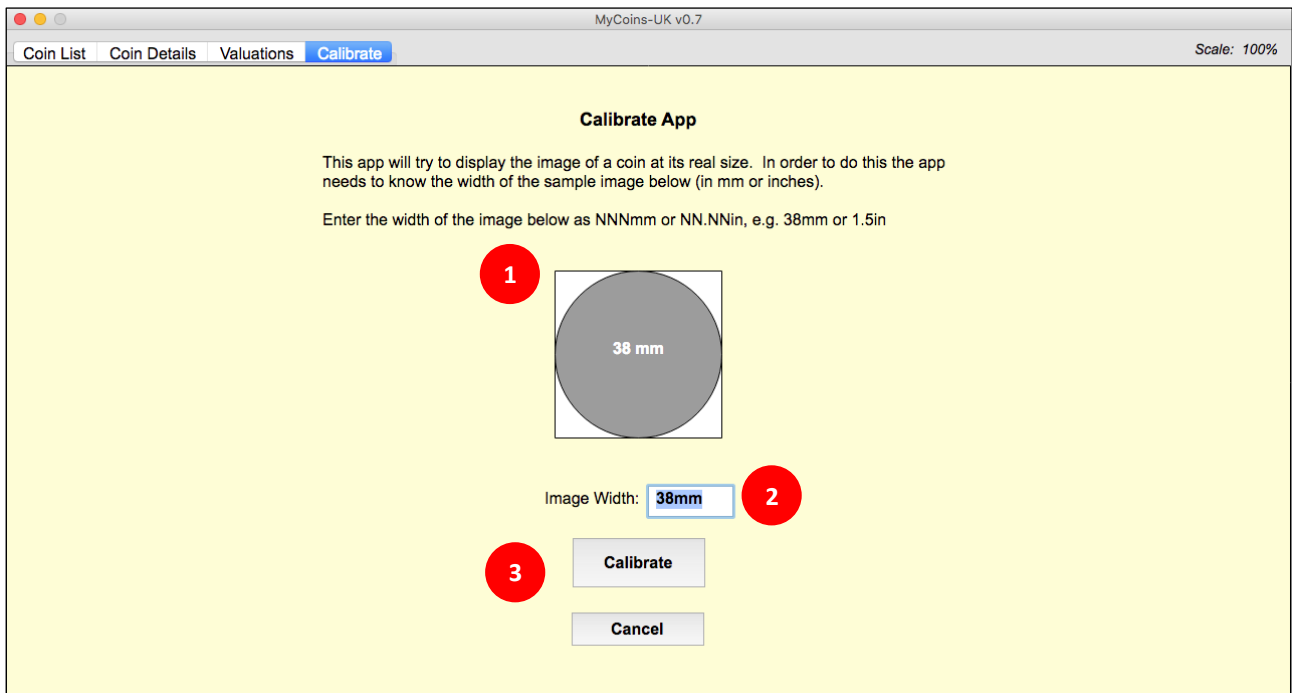


1. **Pick lists** – common terms are available in pick lists
2. **Year** – the year plays a key role in the content of other fields – see section 3.3 below
3. **Diameter** – used to display coin images at real size – see section 2.5 below
4. **Weight** – used to calculate approximate bullion value
5. **Bullion** – uses table in CSV lookup file for current bullion rates – see section 11.3 below
6. **Notes** – these can be scrolled to enter more extensive information
7. **obverse image** – displayed at real size where possible
8. **reverse image** – displayed at real size where possible
9. **other images** – multiple images for sets, info sheets etc.
10. **navigation buttons** – used to move or jump between items selected in the list screen
11. **coin creation buttons** – facilities for item creation and deletion



## 2.5 Calibration Screen

MyCoins-UK will try to display the image of a coin at its real size. However, in order to do this, the app needs to know the width/diameter of a reference/sample image displayed on the calibration screen.



1. **Sample image** – this should be exactly 38mm or 1.5in in diameter
2. **Actual size** – this is the actual size displayed in mm or inches
3. **Calibrate** – set the calibration factor for the current session

The calibration screen appears at the start of every session of MyCoins-UK. If you want the app to remember your measurement, you should record it in the app's INI file – see section 11.2.1 below.

## 2.6 Working with Coin Lists

The table on the Coin List screen is populated with item entries as a result of a filter search or an advanced search. You can opt to display the details of all items in the list or you can limit the details viewed to those items that are selected.

In the sample screen below you can see that 23 items are listed and 3 of these have been selected:

The screenshot shows the 'Coin List' screen in the MyCoins-UK v0.7 application. The interface includes a search filter section at the top with fields for Denomination, Year, SetCode, Monarch, Type, Condition, Storage, Acquired, Source, and Paid. Below the filters is a table of 23 coin items. Three items are highlighted in blue: a Shilling (1711), a Florin (1849), and a Sixpence (1897). At the bottom of the screen, there are buttons for 'Delete Selected', 'Display 3 Selected Items', 'Display All 23 Items', 'Reset Selections', 'Compare Images', and 'Add New Item'.

Denomination	Year	SetCode	Monarch	Type	Condition	Storage	Acquired	Source	Paid
Farthing	1640	Misc. copper & bronz	Charles I	Rose farthing, mm Star	F		1994/12	D G Barney, Devon	4
Shilling	1711	Shilling Types	Anne	Third Bust, Rev Plain	GF			Derby Market	14.5
Halfcrown	1817	Halfcrown types	George III	Large 'Bull' Head (1816-17)	NVF		1992/05	John Welsh, Burton-on-Tren	8.7
Florin	1849	Florin types	Victoria	Godless - no DEI GRATIA (1849 only)	NVF		1992/08	Collectors Fair, Queen's Hal	12.5
Florin	1852	Florin Types	Victoria	Gothic, brit., younger portrait (1851-80)	VF		1993/08	Collectors Fair, Queen's Hall	14
Groat	1854	Groats	Victoria	Young head (1838-55)	VF		1993/08	Collectors Fair, Queen's Hall	3.5
Florin	1887	Florin types	Victoria	Jubilee head (1887-92)	EF		1998/12	D G Barney, Devon	9
Sixpence	1897	Sixpence types	Victoria	Velled head, value in wreath (1893-19)	VF		1993/01	D G Barney, Devon	3.75
Set - Type	1902	Small packaged coin	VARIOUS	Threepence Set in illustrated cardboar	VF		1992/03	M Coeshaw, Leicester	4
Florin	1910	Florin types	Edward VII	Britannia standing (1902-10)	NVF		1994/12	D G Barney, Devon	7.5
Halfcrown	1923	Halfcrown types	George V	2nd coinage, crowned shield in garter	GVF		1993/01	D G Barney, Devon	2.5
Halfcrown	1949	Halfcrown Types	George VI	3rd coinage, Cu-Ni, Shield, no IND.I	EF		1992/01	D J Traynor, Stockport	1.25
Set - BU Year	1953	Small packaged coin	Elizabeth II	Plastic Set - 2/6 to 1/4d (9 coins) in RM	Unc		1992/09	D G Barney, Devon	4.25
Set - Type	1957	Packaged coins (whi	Elizabeth II	Last sterling LSD coins and first decim	AUnc		1992	M Coeshaw?	
Set - Specimen	1968	Small packaged coin	Elizabeth II	1st Decimal Set: 1/2p to 10p in wallet	Unc		1968/00	Bank	
Set - Proof	1972	Year Set	Elizabeth II	7 coins + medallion in dark blue RM fo	FDC		1993/08	D G Barney, Devon	8
Set - Proof	1974	Year Set	Elizabeth II	6 coins + medallion in brown RM folde	FDC		1992/01	D G Barney, Devon	5.5
Set - Proof	1977	Year Set	Elizabeth II	7 coins + medallion in blue RM folder	FDC		1992/09	D G Barney, Devon	5.75
Pound	1983	Packaged coins (whi	Elizabeth II	1st UK £1 coin, in presentation folder	BU		1983/00	Free offer from Heinz	0
Set - BU Year	1983	Year Set	Elizabeth II	8 coins (inc. £1) in hard plastic case	BU			Antique Fair?	
Set - BU Year	1990	Year Set	Elizabeth II	8 coins in RM presentation folder	BU		1990/12	Christmas gift	0
Set - BU Year	1996	Year Set	Elizabeth II	8 coins in RM presentation pack (1p-£	BU			Royal Mint Coin Club	9.5
Two Pounds Proc	2003	Packaged coins (whi	Elizabeth II	DNA (50th anniversary) Silver Proof	FDC		2003/07	Royal Mint	29.95

The 2 display buttons allow you to see the details for all 23 items or just the 3 selected items.

The **Reset Selections** button removes the highlighting from the 3 selected items, but they will remain in the list of 23 items. Note that the **Reset** button towards the top right of the screen resets the search results, causing the list to be populated with all items in the collection.

Items in the list can be selected/de-selected as usual:

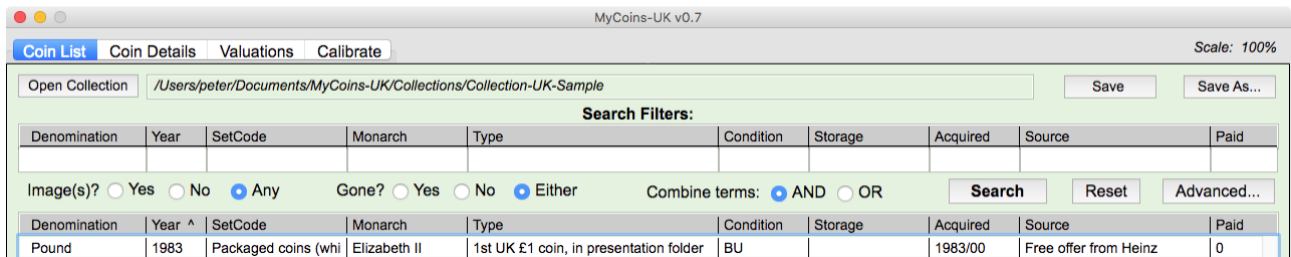
- click – select
- click again – de-select
- click top, shift-click bottom – select a group
- click bottom, shift-click top – select a group

## 2.7 Searching

MyCoins-UK provides 2 search facilities, both of which are used to populate the table of coin items on the Coin List screen. These facilities are:

- filtered searching – described in this section
- advanced searching – described in section 4 below

The search filters are towards the top of the Coin List screen:

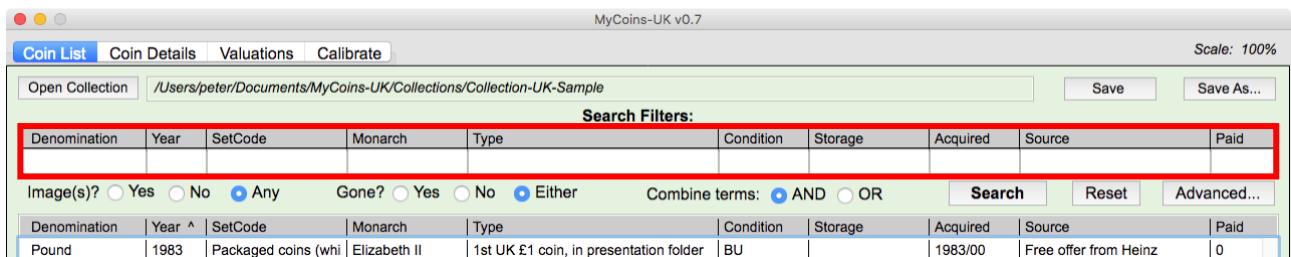


The screenshot shows the 'Coin List' screen with search filters. The filters include Denomination, Year, SetCode, Monarch, Type, Condition, Storage, Acquired, Source, and Paid. Below the filters are radio buttons for 'Image(s)?' (Yes, No, Any), 'Gone?' (Yes, No, Either), and 'Combine terms:' (AND, OR). A 'Search' button is also present. Below the filters is a table of coin items.

Denomination	Year	SetCode	Monarch	Type	Condition	Storage	Acquired	Source	Paid
Pound	1983	Packaged coins (whi	Elizabeth II	1st UK £1 coin, in presentation folder	BU		1983/00	Free offer from Heinz	0

You can combine terms in the filter fields together with image and disposal requirement.

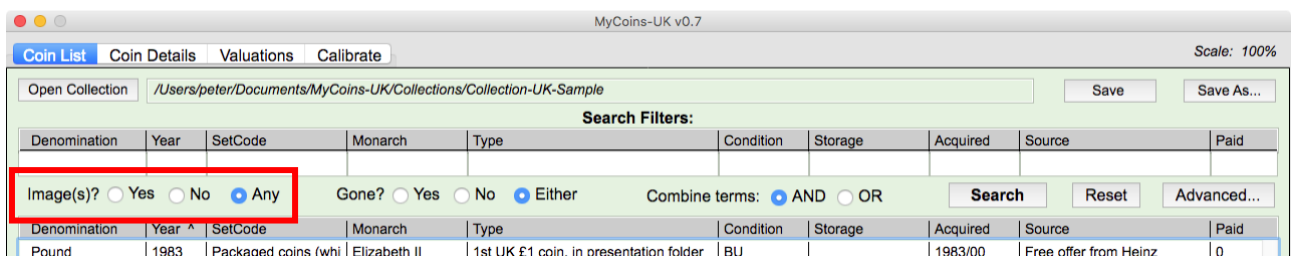
The filter fields are first:



The screenshot shows the 'Coin List' screen with search filters. A red box highlights the filter fields: Denomination, Year, SetCode, Monarch, Type, Condition, Storage, Acquired, Source, and Paid.

Simply enter text in any of the filter fields, partial matches, both upper and lower case will be found, e.g. "geo" in the Monarch filter field will match against George V, George IV, George III, etc.

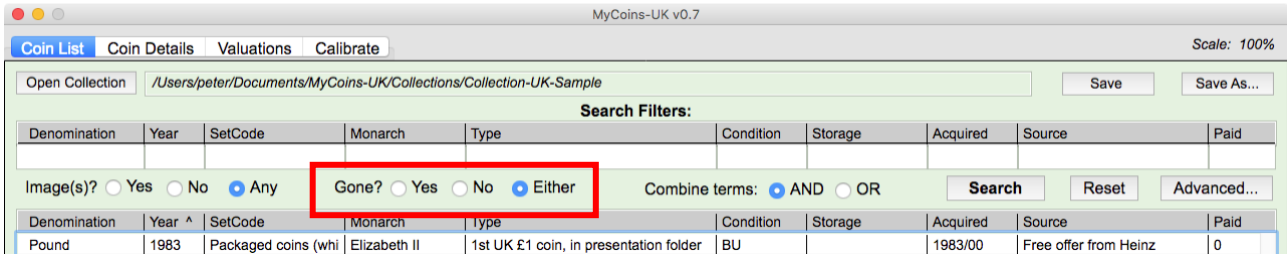
Then there is the image presence control:



The screenshot shows the 'Coin List' screen with search filters. A red box highlights the 'Image(s)?' control, which has radio buttons for 'Yes', 'No', and 'Any'.

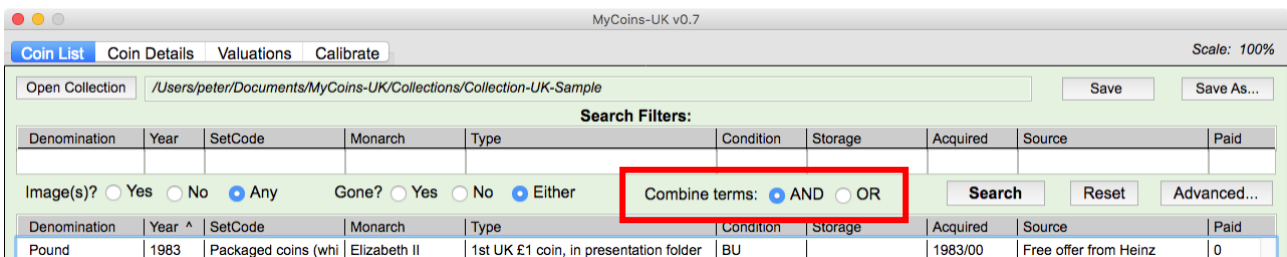
If you want to see items that have images, simply select **Yes** for images. Selecting **No** means the items do not have images at present. Selecting **Any** means that items will be a match based on the other criteria specified, the presence or absence of images will not affect the search results.

Followed by the disposal control:



Selecting **Yes** means the item is no longer in the collection, it has been disposed of. Selecting **No** means the item has not left the collection, and selecting **Either** means the item may or may not still be in the collection.

Finally there's the combining operator control:



The Combine control determines how search conditions/terms should be combined:

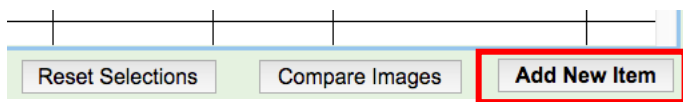
- using **AND** – all search terms must be true
- using **OR** – any single search term must be true

### 3. EXPLORING THE DETAILS

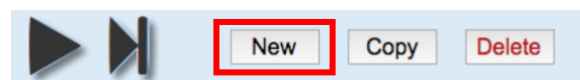
#### 3.1 Adding New Coins or Sets

New coins may be added from either the Coin List screen or the Coin Details screen:

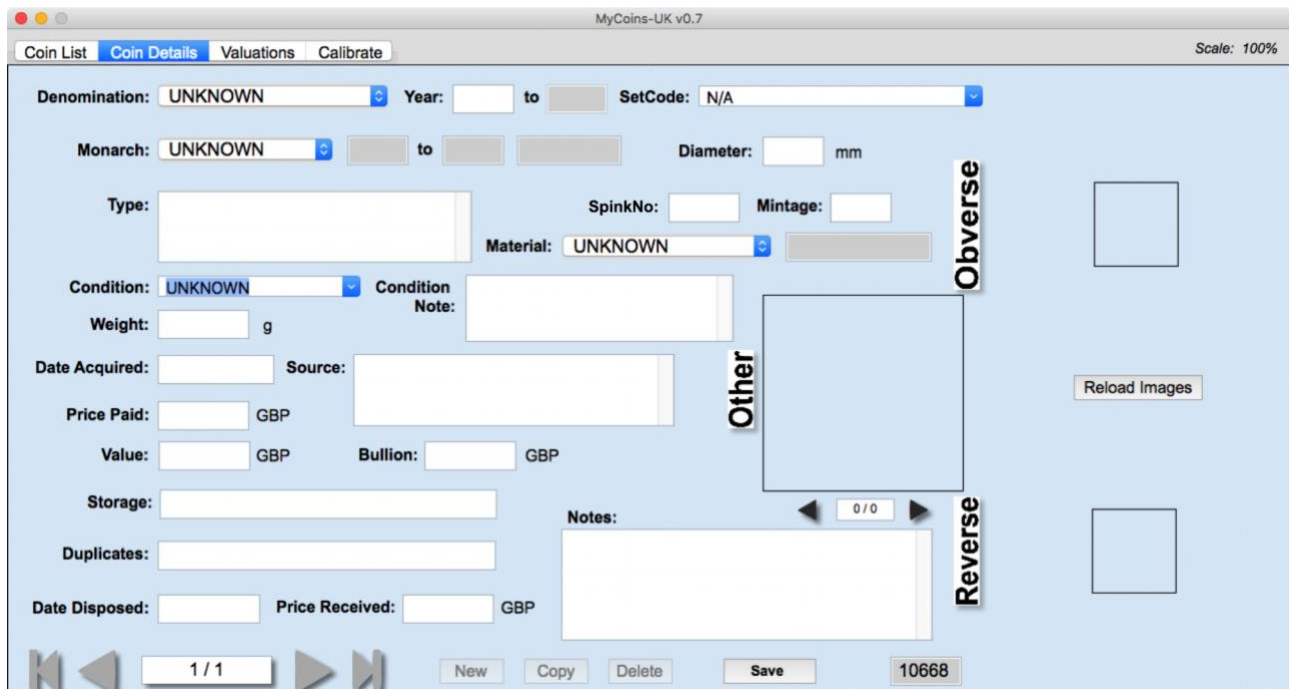
**List screen:**



**Details screen:**



Having triggered the New option you'll see the Coin Details screen with all the fields empty to begin with. Simply enter details for each of the fields as required.

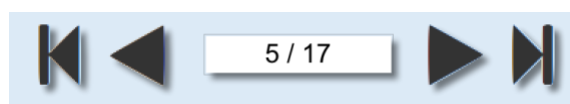


Note that the combination of denomination and year of a coin generates content in linked fields (see section 3.3 below). For this reason, it's best that you enter the denomination and year before adding additional information.

The Notes field box can be expanded to make it easier to enter more extensive information.

#### 3.2 Details Navigation

MyCoins-UK has a standard set of navigation controls for moving to the first, previous, next and last item being displayed in the Coin Details screen:



Clicking the numbers in the middle allows you to jump to any item in the current set of details.

### 3.3 Linked Fields

Some fields in the coin details are linked. In particular, the following links exist:

- **Denomination + Year** – generates: **Diameter**, **Material** and **Weight**
- **Weight + Material** – generates: **Bullion**
- **Diameter** – controls the size of a coin's **Obverse** and **Reverse** images

Where possible you should enter the details in the controlling fields before entering dependent fields content. Note that the **Resync Years...** option in the Edit menu will work through the selection of coins in the details screen touching the Year field to make it resync with its linked fields – see section 6 below. For example, you might need to resync because of a series of corrections or additions to some of the lookup tables/files.

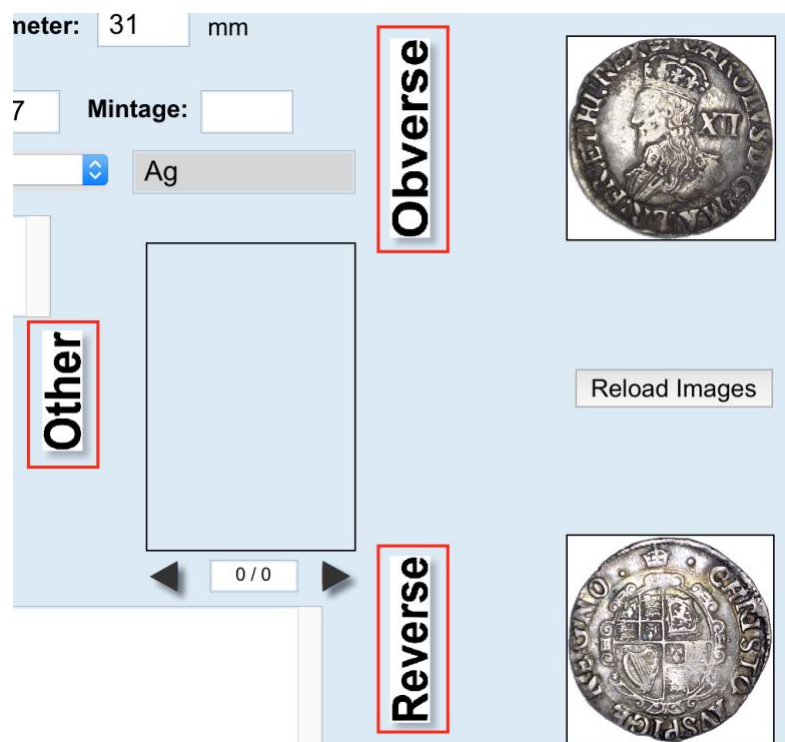
### 3.4 Coin Images

#### 3.4.1 Types of Coin Image

MyCoins-UK supports 3 types of coin images:

- **Obverse or Head side** – coins are displayed at **real size**<sup>1</sup>, sets are sized to fit available space
- **Reverse side** – coins are displayed at **real size**, sets are sized to fit available space
- **Others** – any other images such as set cases, info sheets, etc.

Clicking the **Obverse**, **Reverse** or **Other** buttons will prompt for a new or replacement image to be linked to the current coin. **Shift-clicking** these buttons will remove the relevant image.

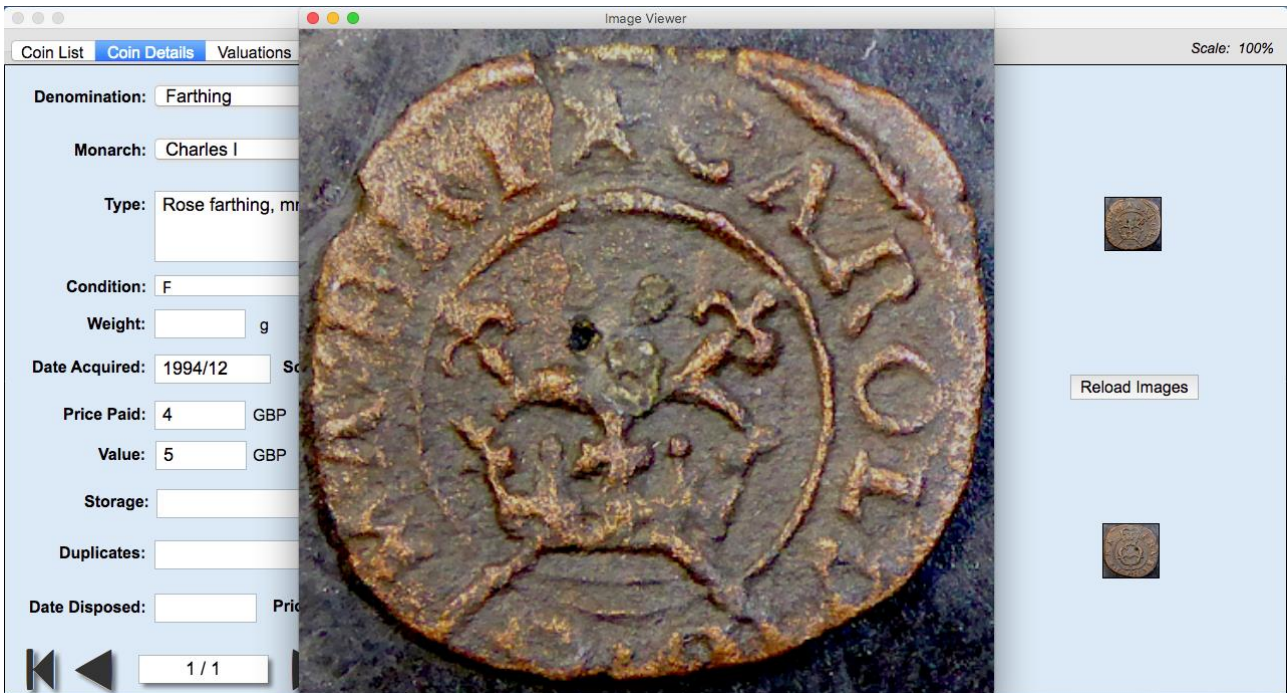


Note that if you have more than one Other image, you must add or remove all of them at the same time. Click the left/right arrows to view all the Other images.

<sup>1</sup> Obviously, the real size will be used only if the image is cropped as close as possible to the coin's outline.

### 3.4.2 Getting In Close

Any image can be expanded to fill MyCoins-UK's details screen temporarily, simply click the image to see an expanded copy and double-click the expanded image (or click the close button as usual) to hide it again:



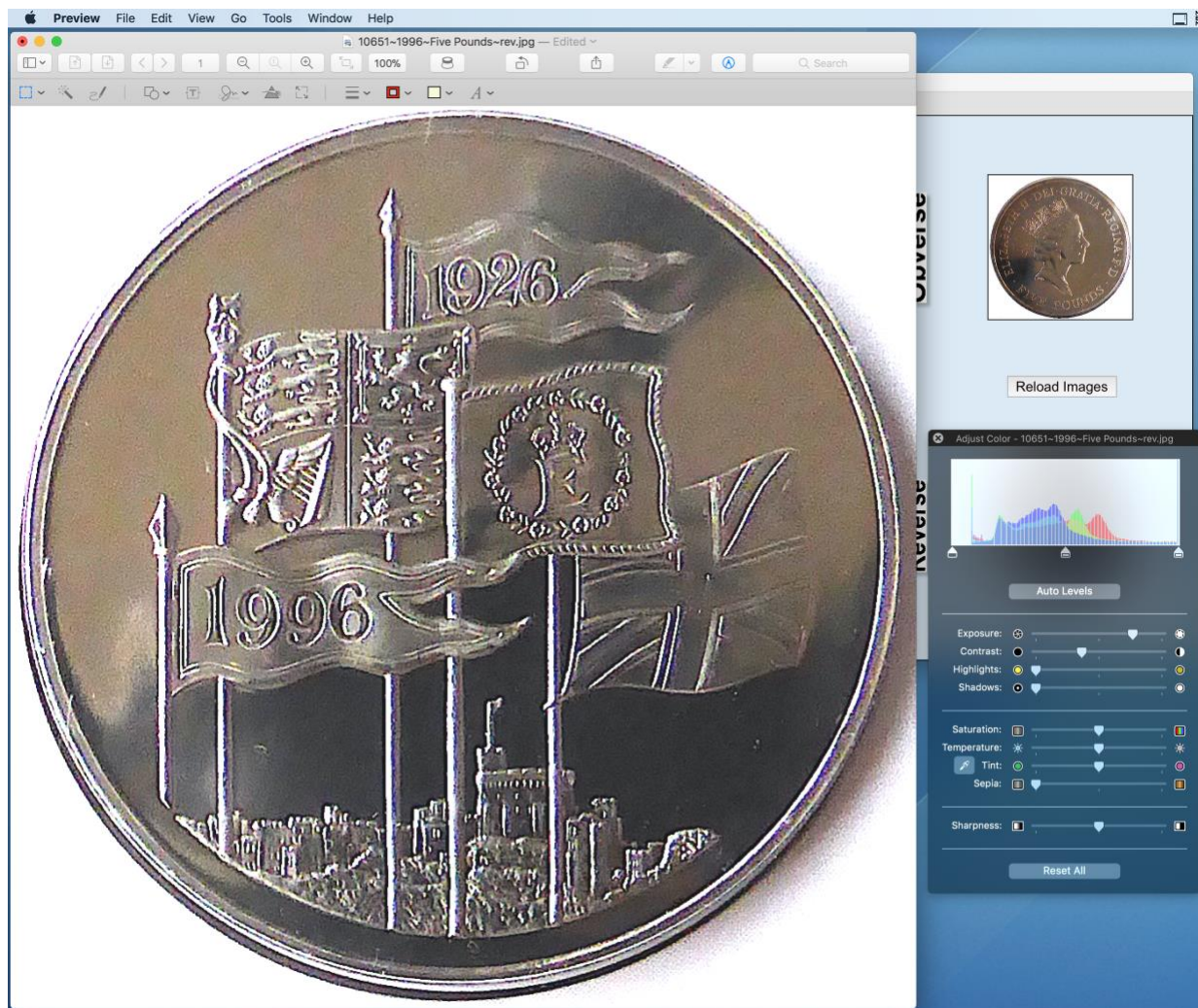
You can move and resize the expanded image in its own window to see the detail of the coin etc.:



Double-clicking the zoomed image will close the image window.

### 3.4.3 Editing The Images

If you **shift-click** the expanded image it will be opened inside your default image viewer/editor (such as **Preview** on the Mac). Having made any changes using the default viewer/editor, save the changes and return to MyCoins-UK. In MyCoins-UK click the **Reload Images** button to have the revised images linked to the current coin.



Note that coin images are stored in a separate Images folder and that images are dynamically linked to coins based on their file names. For example, the above image for the 1996 £5 coin reverse side will be named as follows:

10647~1996~Five Pounds~rev.jpg

where the parts of the name are derived as follows:

**10647** is the **Unique ID**

**1996** is the **Year**

**Five Pounds** is the **Denomination**

**rev** is the **side** (obv, rev or oth)

Other images are named:

...oth~a.jpg

...oth~b.jpg

...oth~c.jpg

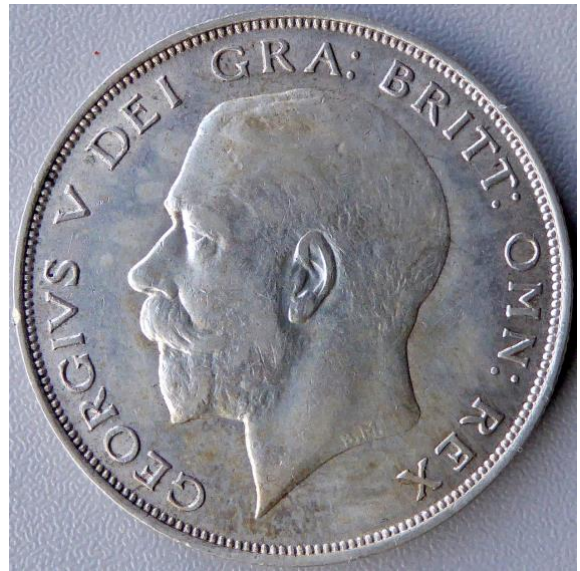
### 3.4.4 Image Size and Quality

Optimising images often requires a balancing act between image quality and overall file size. Given that you may have hundreds of images, file size may become important and you might be surprised just how much storage capacity might be required. For example, a recent collection with **40 items** having supporting images required about **160 separate image files**, averaging **6-7MB per image** and required just over **1GB** (i.e. **1,000MB**) of file storage! Reducing the image file sizes by adjusting the number of pixels and the pixels resolution reduced each image to an average **1.2MB in size**, reducing the storage requirement to **189MB**, quite a difference.

We recommend that your original images should be as high quality and size as possible and that you generate reduced size copies for use with MyCoins-UK. For example, we took the following image on a 18 megapixel camera (a Panasonic DMC-TZ60 Camera):



*original image 6.3MB, 3464x3470px, 180dpi*



*adjusted image: 1.3MB, 1249x1247px, 96dpi*

The images were adjusted using a standard graphics tool (e.g. Preview on the Mac):

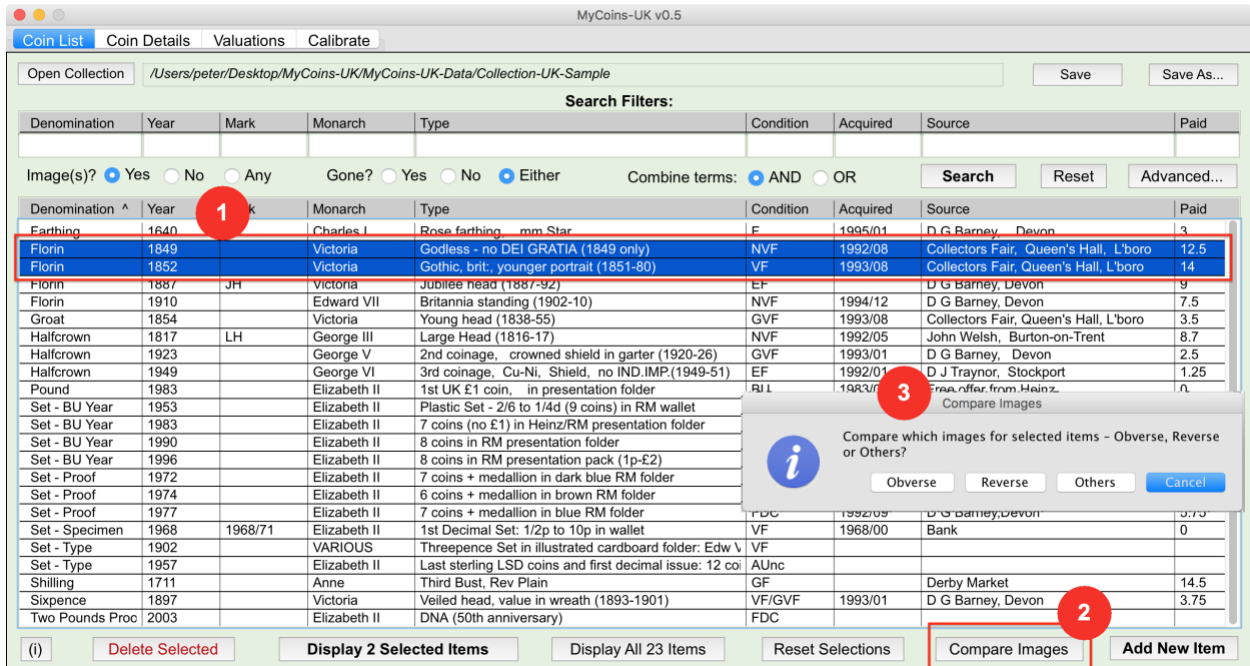


- *adjusted exposure (increased)*
- *adjusted shadows (significantly increased)*
- *white-point adjustment (dropper tool)*
- *sharpness adjustment*

Note that the image adjustments not only reduced the storage requirement, they also made MyCoins-UK run faster. In particular, moving between items with images became a lot quicker.

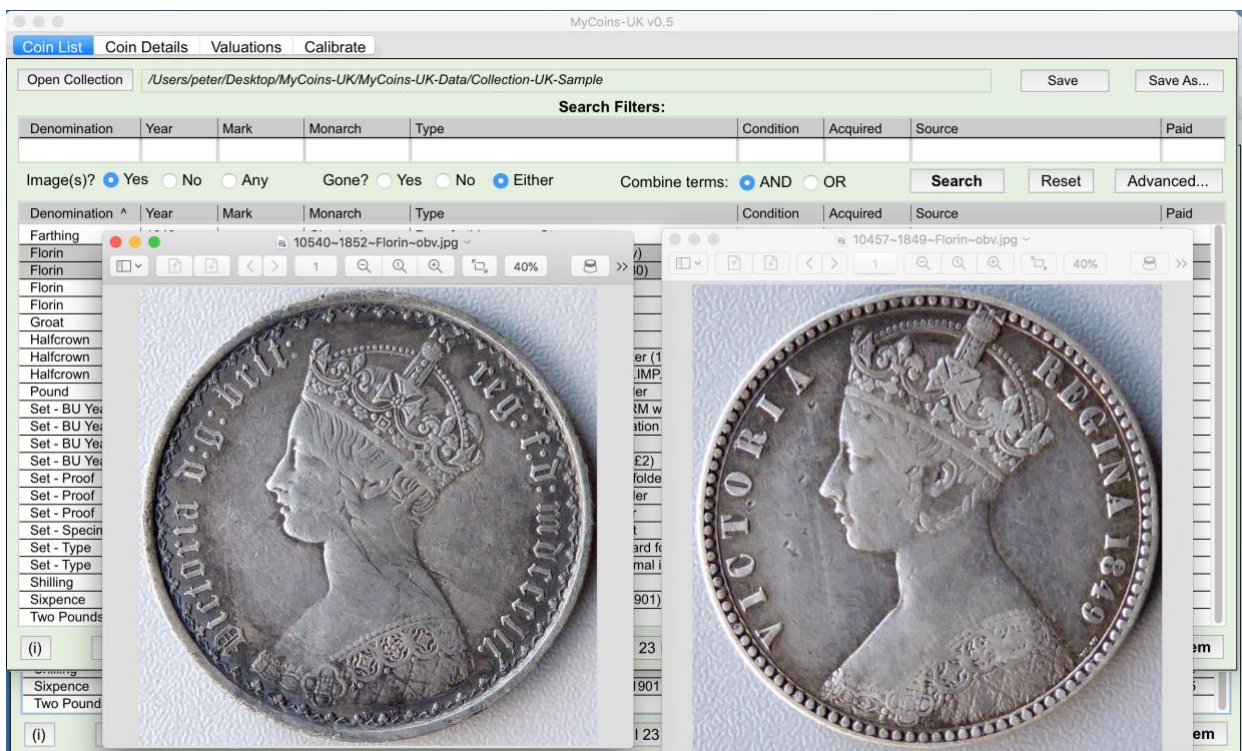
### 3.4.5 Comparing Images

Sometimes it is helpful to compare similar coins, especially when deciding on the condition of a coin. In general, MyCoins-UK provides views of images for a single coin at a time where you can see an enlarged view of a single image for a coin. The app provides an alternative method for viewing multiple coin images at the same time – the Coin List screen has a Compare Images button to open up the Obverse, Reverse or Other images for the selected items in the list:



1. **Select images for comparison** – select 2 or more items for comparison
2. **Compare Images** – start the comparison
3. **Choose image type** – choose the type of images to compare

The images are not opened by MyCoins-UK, they're displayed by your default image viewer/editor:

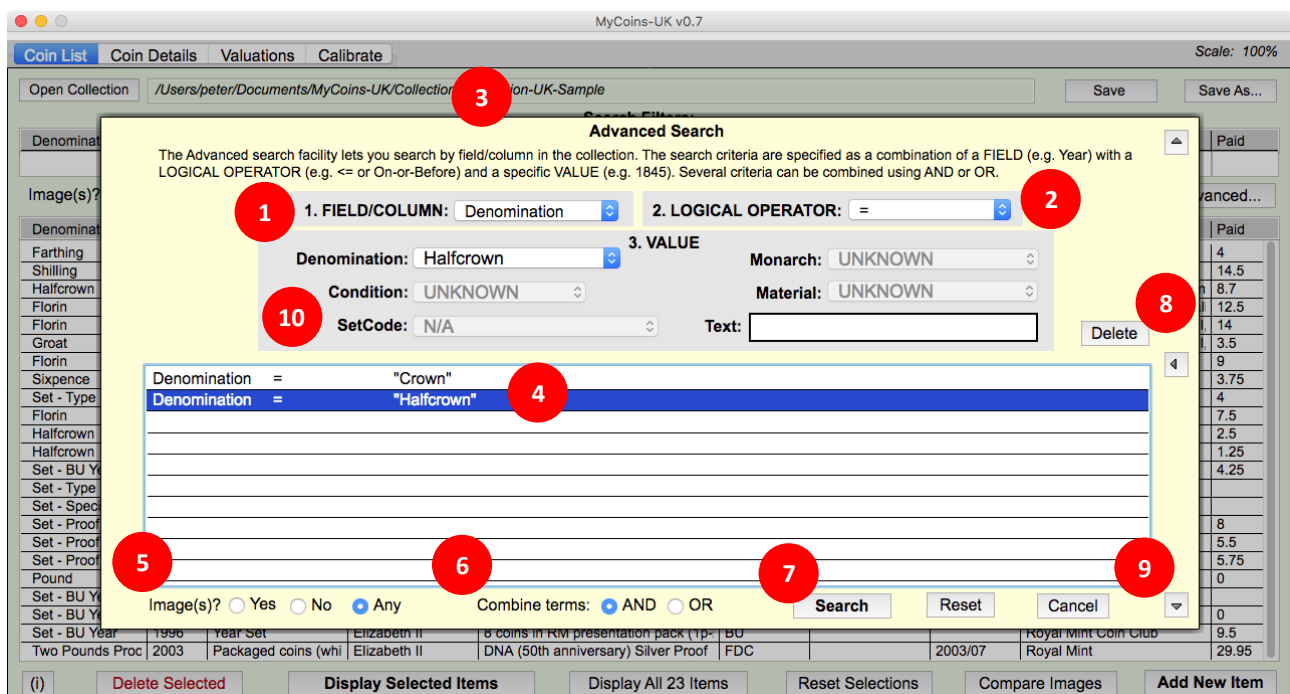


## 4. ADVANCED SEARCHING

In addition to filtered searching MyCoins-UK provides an advanced search facility which can be used instead. Open the Advanced Search pop-up by clicking the Advanced... button on the coin list screen:



The advanced search features are available in a pop-up that appears over the list screen:



1. **Field/Column selector** – select the field of interest
2. **Logical Operator selector** – select comparison required (e.g. equals/ not equals, etc.)
3. **Value selector** – the value you want
4. **List of criteria** – list of criteria to be matched
5. **Images?** – must coins have images (Yes), mustn't have images (No), or either (Any)
6. **Combine terms** – how should search criteria be combined – using AND (all terms must be true) or OR (any single term must be true)
7. **Search** – start searching based on the requirements on this screen
8. **Delete** – delete selected criteria
9. **Reposition** – 3 buttons that move the pop-up to the top, middle or bottom of the screen to enable you to see the underlying list screen
10. **Special "TEXT"** – a selection of TEXT from a dropdown list means that a fuzzy text search is required, not an exact match to fixed picking list values – Text box contains required text

An advanced search consists of one or more search criteria, where each criterion is a combination of a field and a value that must satisfy a condition. For example, in the following advanced search we want to list (and display) any coins that satisfy the requirements:

the coin is a **Crown OR Halfcrown** and it doesn't matter whether they have **images**

The screenshot shows an advanced search form with the following fields and values:

- 1. FIELD/COLUMN:** Denomination
- 2. LOGICAL OPERATOR:** =
- 3. VALUE:** Denomination: Halfcrown, Condition: UNKNOWN, Set Code: N/A, Monarch: UNKNOWN, Material: UNKNOWN, Text: (empty)

The search criteria list below shows:

- Denomination = "Crown"
- Denomination = "Halfcrown"** (highlighted in blue)

At the bottom, the search options are:

- Image(s)?  Yes  No  Any
- Combine terms:  AND  OR
- Search** button

1. **it's a Crown** – the **Denomination** equals (=) **Crown**
2. **it's a Halfcrown** – the **Denomination** equals (=) **Halfcrown**
3. **Either OR both** – use **OR** to combine 1. and 2.
4. **Don't care about images** – **Any** for images
5. **Search** – start searching

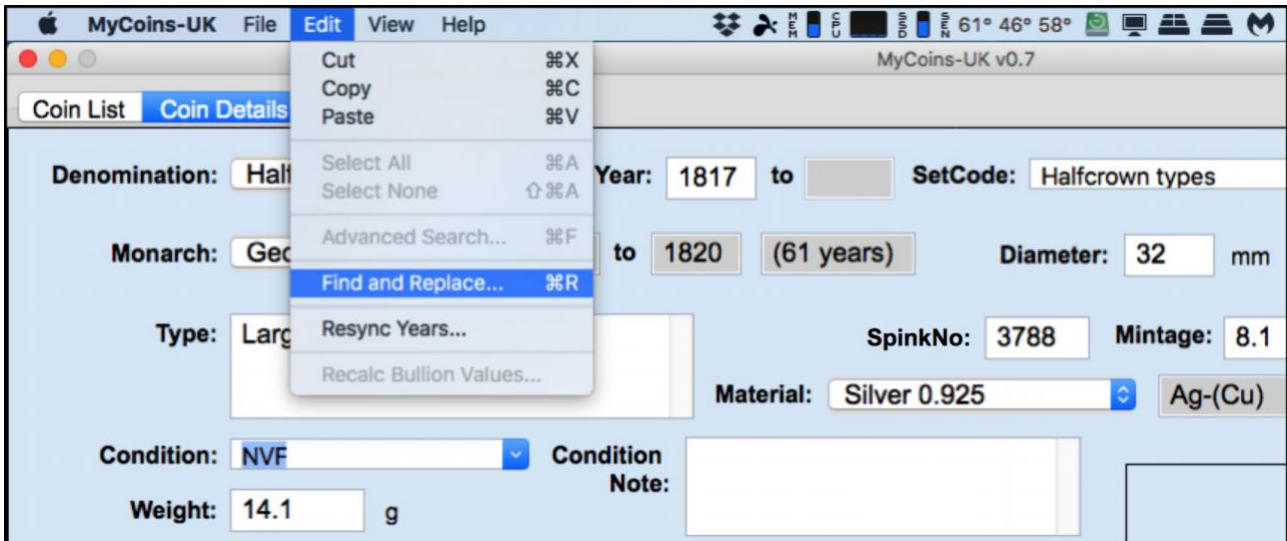
The list of **Logical Operators** is as follows:

- = – equal to
- <> – not equal to
- <= – less than or equal to, or "before"
- >= – greater than or equal to, or "after"
- **is empty** – the field is empty
- **is not empty** – the field has something in it
- **contains** – the field has specific text anywhere in it
- **doesn't contain** – the field doesn't contain specified text anywhere

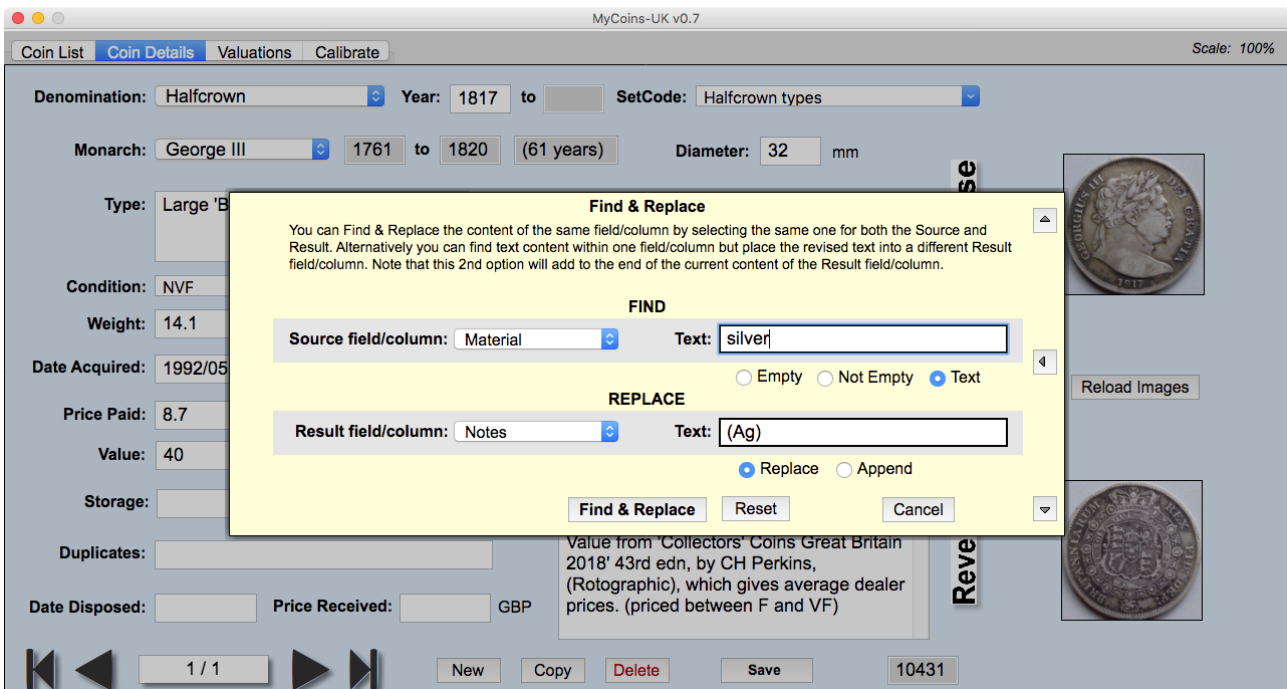
Note that you can change a rule by selecting it before making the required changes.

## 5. BULK FIND & REPLACE

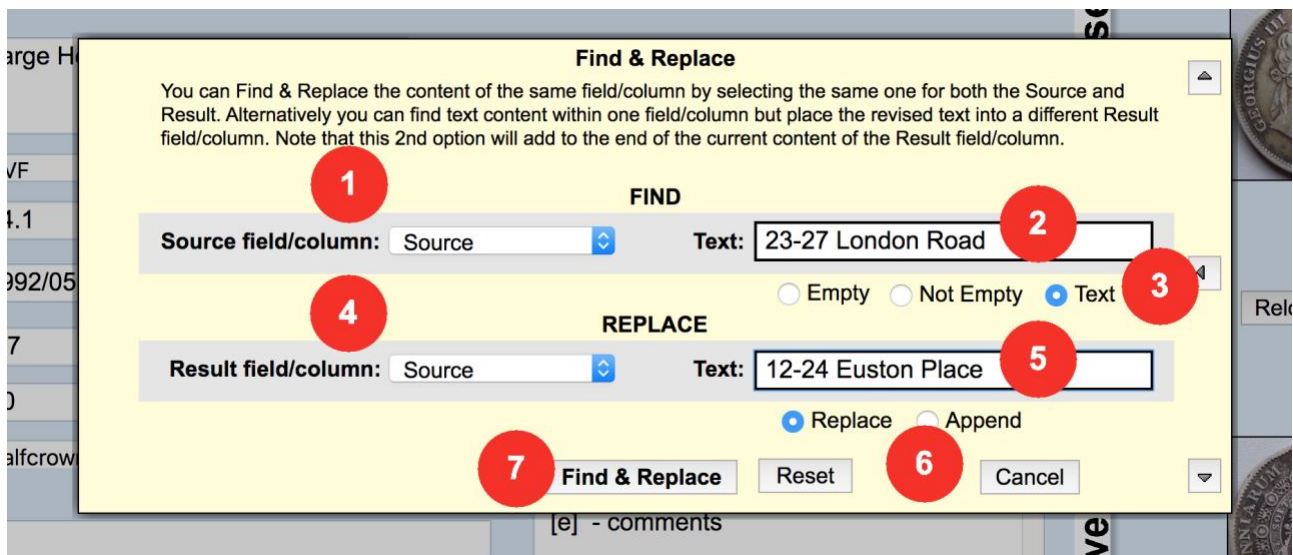
Sometimes you may want to make the same change to a number of coins. This is where the Find & Replace facility is of use. This can be displayed by selecting the **Find & Replace...** option from the **Edit** menu whilst viewing coin details:



This will display the Find & Replace pop-up:

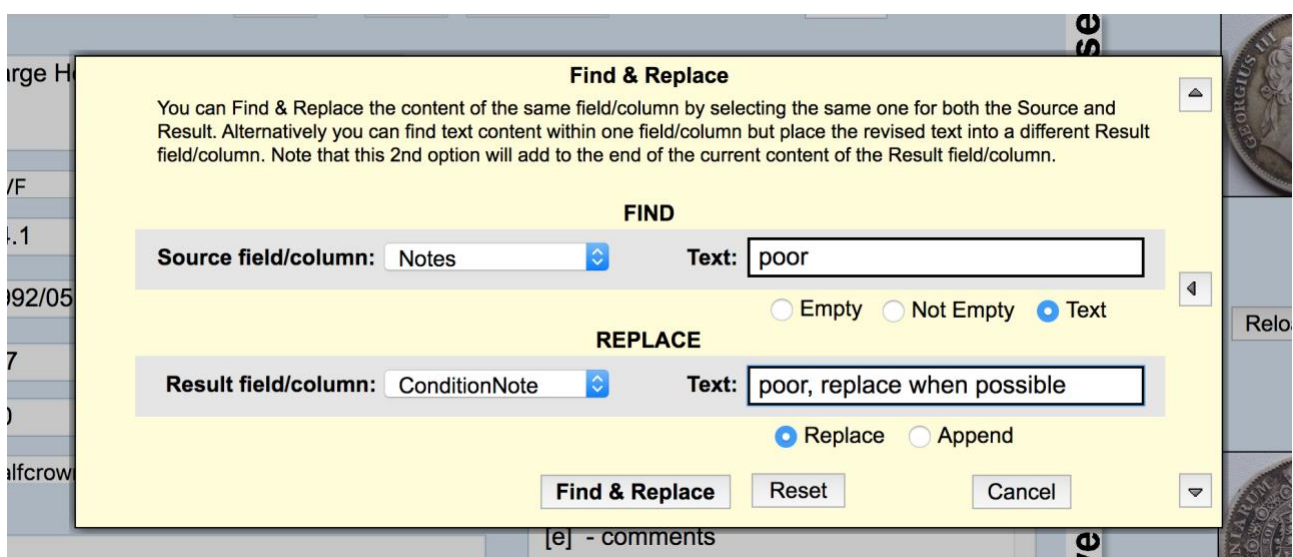


For example, the address of a coin dealer, which is mentioned in the **Source** field, has changed and you want the current address in the Source field:



1. **Source Field** – the coin Source field
2. **Text To Change** – the existing address that needs changing
3. **Empty/non-empty** – facility to find empty or non-empty fields as well as specific text
4. **Result Field** – the same coin Source field
5. **Text To Change To** – the replacement address
6. **Replace/Append** – replace existing text or append at end of existing text
7. **Find & Replace** – start finding and replacing

In the above example we changed a value within a field. Alternatively, you might want to move a value from 1 field into another. For example, you might want to remove the coin condition from the general **Notes** field and place it in the **Condition Note** field:



Note that the Find & Replace affects only those coins currently displayed in the details screen.

## 6. MENU OPTIONS

The following menus are available in MyCoins-UK:

### MyCoins-UK Menu:

About MyCoins-UK	
Preferences...	⌘,
Services	▶
Hide MyCoins-UK	⌘H
Hide Others	⌘⇧H
Show All	
Quit MyCoins-UK	⌘Q

– general info including version number

– Quit MyCoins-UK

### File Menu:

New Collection	⌘N
Open Collection...	⌘O
Save	⌘S
Save As...	
Close	⌘W
Import Items...	
Export Collection...	
Export Table...	
Export Images...	
Refresh Lists	
Purge...	

– create new coins collection

– open existing coins collection

– save current coins collection to disk

– create a new coins collection by saving copy of current collection

– close current coins collection

– import items from compatible CSV file

– export subset of coins collection to CSV file & images folder

– export current table as CSV file (for list and valuation screens)

– export images at real or magnified size

– reload & refresh picking lists (list screen only)

– permanently delete old images

### Edit Menu:

Cut	⌘X
Copy	⌘C
Paste	⌘V
Select All	⌘A
Select None	⇧⌘A
Advanced Search...	⌘F
Find and Replace...	⌘R
Resync Years...	
Recalc Bullion Values...	

– standard Cut

– standard Copy

– standard Paste

– select all items in List table (list screen only)

– deselect all items in List table (list screen only)

– open Advanced Search pop-up (list screen only)

– open Find & Replace pop-up (details screen only)

– resync fields linked to the Year field (details screen only)

– recalculate Bullion values (valuations screen only)

### View Menu:

Zoom In	⌘=
Zoom Out	⌘-
Zoom to 100%	⌘0

– expand window (to make it easier to read)

– shrink window (to make everything visible on a small screen)

– return window to standard size

### Help Menu:

Search	
Help	
Calibrate...	

– open Calibration screen

## 7. EXPORTING AND IMPORTING

### 7.1 Exporting Collections, Tables and Images

The **Export Collection...** option from the File menu gives you the opportunity to export the current subset selected in the table on the List screen, or the complete collection. An exported collection consists of a master file in CSV format (containing everything except images) together with a folder with all the related images.

The **Export Table...** option from the File menu gives you the opportunity to export all the rows from the current table in the List or Valuation screens. A table is exported as a single CSV format file with the first row containing the column/field headings.

The **Export Images...** option from the File menu gives you the opportunity to export the images for all the coins currently displayed in the Details screen. You can choose to have the exported images at real size or at the magnified size usually displayed by the MyCoins app.

### 7.2 Importing

The **Import Items...** option from the File menu allows you to import everything except images from a CSV file. Note that the CSV file must have the same arrangement of fields/columns as the MyCoins-UK master file, although some can be empty (such as the Unique ID field which will be generated during the import process).

## 8. PRINTING

Because the main data storage is CSV format, the MyCoins app doesn't include any printing facilities as you can use a spreadsheet app for this purpose. In addition, you can do standard screen shots when you want to print the details of a coin.

## 9. NON-BRITISH/WORLD COINS

Whilst the MyCoins app was developed for cataloguing British coins it can be adjusted for cataloguing coins from anywhere. Certain parameters may be altered to make the app more appropriate for non-British coins. If you'd like a version for coinage in general (**MyCoins-World**), contact us for details. A supporting document "**MyCoins-World Addendum.pdf**" is available to give details of the differences between MyCoins-UK and MyCoins-World.

## 10. AVAILABILITY

The MyCoins app is available free of charge without any warranties, implied or stated. The use of MyCoins is entirely at your risk.

The MyCoins app is available for Macs running OS X/macOS (10.10 or later) and PCs running Windows 7 or later. A version for Linux may be made available if requested, but such a version may have some reduction in the facilities it provides.

## 11. APPENDIX: FILING SYSTEM

### 11.1 Filing System Overview

The following is a partially expanded overview of the filing system used by MyCoins-UK (where [abc] indicates a folder "abc").

a. The app folder **MyCoins-UK**, which should be inside your Documents folder or on your Desktop:

```
[MyCoins-UK]
  [MyCoins-UK-Data]
    [support]
      MyCoins-UK.ini      – control/initialisation file
      [TEMPLATE Collection]
        [Collection-TEMPLATE]
          [Images]
          [Lookups]
    MyCoins-UK.app    – the app itself
```

b. The collection folder **Collection-XYZ**, which can be anywhere in your filing system but must be named "**Collection-...**" where ... can be anything:

```
[Collection-HJR]
  Collection.csv      – main database itself
  [Images]             – coin images related to main database
    10147~1968~Set - Specimen~obv.jpg      – obverse image
    10147~1968~Set - Specimen~oth~a.jpg    – 1st other image
    10147~1968~Set - Specimen~oth~b.jpg    – 2nd other image
    10147~1968~Set - Specimen~oth~c.jpg    – 3rd other image
    10147~1968~Set - Specimen~rev.jpg     – reverse image
  [Lookups]           – picking lists (see below)
    Bullion.csv
    Conditions.csv
    Denominations.csv
    DenomInfo.csv
    Materials.csv
    Monarchs.csv
    SetCodes.csv
```

The following is a collapsed view of the filing system layout used by MyCoins-UK:

```
[MyCoins-UK]      – on Desktop/in Documents
  [MyCoins-UK-Data]
    MyCoins-UK.app – the app itself

[Collection-HJR]  – anywhere in the filing system
  Collection.csv  – main database itself
  [Images]       – coin images related to main database
  [Lookups]      – picking lists (see below)
```

## 11.2 Control/Initialisation File (MyCoins-UK.ini)

MyCoins-UK uses an INI file (MyCoins-UK.ini) to control its features and behaviour. This file is a text file with the following sections:

- **Calibration factor** – *scaling required to display coins at real size*
- **Collection Type** – *UK, Commonwealth, Non-UK coins*
- **Destructive Image Deletion** – *should "deleted" images be deleted or marked as deleted*
- **Default Sort Order** – *sort fields and order*
- **Coin Collection Fields** – *the master database fields in the order they occur*
- **Advanced Search facilities** – *factors to support the advanced search feature*
- **Special fields** – *fields that differ between UK, Commonwealth & Non-UK*
- **List Table Columns** – *fields/columns that are displayed in the coins list screen*
- **Filter Fields** – *fields/columns that are filters in the coins list screen*
- **Exported Image Fields** – *fields added to master database when exporting images*

In general, the INI file should not be changed. However, there are a few items that might be changed as a once-off (**Calibration factor**, **Collection Type** and **Default Sort Order**).

### 11.2.1 Calibration Factor

This is used to calculate the scaling required to display coins at real size. Typical values are 21mm, 24mm, 38mm, 41mm, 46mm depending on the physical size and pixel resolution of the screen:

```
; Calibration factor - real size of dummy coin on screen (in gDiamUnits units)  
gDummyDiag=46
```

### 11.2.2 Collection Type

This makes MyCoins-UK specific to a particular country/currency:

```
; Collection Type - UK, NonUK:  
gCollectionType=UK  
gDiamUnits=mm  
gCurrency=GBP  
gWeightUnits=g  
gCountry=
```

### 11.2.3 Default Sort Order

This defines the default sort fields and their sort orders for the Coin List:

```
; Default Sort Order:  
; sort fields (major to minor sort keys)  
; order = ascending, descending  
gDefSortField=Year,Denomination,Condition  
gDefSortOrder=ascending,descending,descending
```

### 11.3 Bullion Values Fields (Bullion.csv)

This gives the approximate bullion prices for precious metals of different purities (31 July 2018):

Material	Price
Silver-Gold-Plated	0.37
Gold 0.9166	28.55
Silver 0.5	0.20
Silver 0.925	0.37
Silver 0.999	0.40

**Notes:**

- the bullion file is static, you need to update it manually
- changing the bullion file and refreshing the picking lists (File menu) affects new coins, it doesn't change any existing bullion values
- if you want to update existing bullion values, you must:
  - select the coins to be updated in the List screen,
  - switch to the Valuations screen
  - reload the bullion rates

### 11.4 Main Database Fields (Collection.csv)

This is a standard text-based CSV file that can be viewed and edited (with care) using spreadsheet apps such as Excel, Numbers, LibreOffice etc.

Field	Purpose (if not obvious)
UniqueID	– index key
Denomination	– denominations in face value order, high-to-low
Year	
YearTo	– for coin sets
SetCode	– for grouping into sets (used for <i>Country</i> in non-UK collections)
Monarch	– changed to <i>ObverseDesign</i> for non-UK collections
Diameter	
Type	
Material	
Weight	
SpinkNo	– catalogue number (changed to <i>CatalogueCode</i> for non-UK collections)
Mintage	
Condition	– conditions in quality order, high-to-low
ConditionNote	
Storage	– where the item is stored (e.g. album-2)
Acquired	
Source	
Paid	
Value	
Bullion	– estimated bullion value based on weight of precious metal content
Duplicates	
DateDisposed	
PriceReceived	
Notes	

Note that some characters need to be encoded for MyCoins-UK purposes. The characters and their alternatives (all double characters) are as follows:

- comma – ##
- double quote – %%
- tab – ^^
- return – @@

For example, the following:

the "rose" crown, because it has...

would be encoded as:

the %%rose%% crown## because it has...

## 11.5 Picking Lists

MyCoins-UK uses several files to provide picking lists wherever possible since picking lists are easier and more consistent than free-text entry. In particular, the following files are used:

- Conditions.csv – *common coin condition values*
- Denominations.csv – *coin denominations*
- DenomInfo.csv – *additional denomination-related information*
- Materials.csv – *metals used in each type of coin*
- Monarchs.csv – *monarchs with their reigns*
- SetCodes.csv – *types of sets of coins*

Note that the picking list files are text files which can be edited in order to add or remove options. The lists given here are suggestions based on our own coin collecting experience over a number of years. You are free to use or change these as necessary to meet with your collecting requirements.

### 11.5.1 Conditions.csv – standard coin condition terms

Condition	Notes (if any)
UNKNOWN	
FDC	<i>(Fleur de Coin)</i>
BU	<i>(Brilliant Uncirculated)</i>
Unc	<i>(Uncirculated)</i>
AUnc	<i>(About/Almost Uncirculated)</i>
GEF	<i>(Good Extremely Fine)</i>
EF	<i>(Extremely Fine)</i>
NEF	<i>(Nearly Extremely Fine)</i>
GVF	<i>(Good Very Fine)</i>
VF	<i>(Very Fine)</i>
NVF	<i>(Nearly Very Fine)</i>
GF	<i>(Good Fine)</i>
F	<i>(Fine)</i>
NF	<i>(Nearly Fine)</i>
Fair	
Poor	
CD	

Note that the conditions are listed in descending order of quality so you can select a range of conditions in an Advanced Search.

11.5.2 Denominations.csv – 1 entry per unique coin type, index term for DenomInfo.csv

<b>Denomination</b>	<b>FaceValue</b>	<b>YearRange</b>
UNKNOWN	0	F
Hundred Pounds	100	F
Fifty Pounds	50	F
Twenty Pounds	20	F
Five Pounds	5	F
Silver Bullion 1oz	2	F
Two Pounds	2	F
Two Pounds Proof	2	F
Sovereign	1	F
Pound	1	F
Half Sovereign	0.5	F
Silver Bullion quarter oz	0.5	F
Fifty Pence	0.5	F
Crown	0.25	F
Double Florin	0.2	F
Twenty Pence	0.2	F
Halfcrown	0.125	F
Florin	0.1	F
Ten Pence	0.1	F
Five Pence	0.05	F
Shilling	0.05	F
Sixpence	0.025	F
Twopence (2p)	0.02	F
Groat	0.017	F
Threepence	0.012	F
Threepence Brass	0.012	F
Penny (p)	0.01	F
Twopence	0.008	F
Penny	0.004	F
Model Penny	0.004	F
Halfpenny	0.002	F
Halfpenny Token	0.002	F
Farthing	0.001	F
Half Farthing	0.0005	F
Set - Proof	0	F
Set - BU Year	0	F
Set - Circulated Year	0	F
Set - Type	0	T
Set - Specimen	0	T

Note that the denominations are listed in descending order of face value so you can select a range of denominations in an Advanced Search.

### 11.5.3 DenomInfo.csv – 1 entry per coin variant

This file provides additional denomination information based on the coin, the year it was made, etc. This gives MyCoins-UK the information needed to display a coin at actual size, to calculate its estimated scrap value (based on weight and proportion of precious metal).

Denomination	YearFrom	YearTo	Diameter	Material	Weight
Crown	1694	1751	39	Silver 0.925	30
Crown	1804	1804	41	Silver 0.925	28
Crown	1818	1836	39	Silver 0.925	28.3
Crown	1837	1900	39	Silver 0.925	28.2
Crown	1902	1902	39	Silver 0.925	28.3
Crown	1927	1946	39	Silver 0.5	28.3
Crown	1947	1965	39	Cupro-Nickel	28.3
Crown	1966	1989	39	Cupro-Nickel	28.3
Double Florin	1887	1890	36	Silver 0.925	22.6
Farthing	1625	1649	13	Copper	
Farthing	1672	1700	23	Copper	6.2
Farthing	1714	1714	23	Copper	5.8
Farthing	1717	1754	23	Copper	5.3
Farthing	1771	1775	24	Copper	4.9
Farthing	1799	1799	23.5	Copper	6.3
Farthing	1806	1807	21	Copper	4.7
Farthing	1821	1830	22	Copper	4.75
Farthing	1831	1859	22	Copper	4.7
Farthing	1860	1901	20	Bronze	2.9
Farthing	1902	1956	20	Bronze	2.8
Fifty Pence	1969	1996	30	Cupro-Nickel	13.5
Fifty Pence	1997		27.3	Cupro-Nickel	8
Fifty Pounds	2015	2016	34	Silver 0.999	31
Five Pence	1968	1989	23.6	Cupro-Nickel	5.65
Five Pence	1990	2011	18	Cupro-Nickel	3.25
Five Pence	2012		18	Steel-Nickel-Plated	3.25
Five Pounds	1990	2017	38.61	Cupro-Nickel	28.28
Florin	1849	1849	28	Silver 0.925	11.3
Florin	1851	1887	30	Silver 0.925	11.3
Florin	1888	1901	29.5	Silver 0.925	11.3
Florin	1902	1919	28.5	Silver 0.925	11.3
Florin	1920	1946	28.5	Silver 0.5	11.3
Florin	1947	1967	28.5	Cupro-Nickel	11.5
Groat	1836	1836	16	Silver 0.925	1.4
Groat	1838	1888	16	Silver 0.925	1.9
Halfcrown	1696	1701	33	Silver 0.925	15.1
Halfcrown	1703	1751	34	Silver 0.925	15
Halfcrown	1816	1919	32	Silver 0.925	14.1
Halfcrown	1920	1946	32	Silver 0.5	14.1
Halfcrown	1947	1967	32	Cupro-Nickel	14.1
Half Farthing	1828	1859	18	Copper	2.4
Half Farthing	1860	1901	18	Bronze	2.4
Halfpenny	1695	1701	29	Copper	11.5
Halfpenny	1717	1719	25	Copper	10.3
Halfpenny	1720	1724	27	Copper	10.3

Denomination	YearFrom	YearTo	Diameter	Material	Weight
Halfpenny	1729	1754	30	Copper	10.3
Halfpenny	1770	1775	30	Copper	10
Halfpenny	1799	1799	31	Copper	13
Halfpenny	1806	1807	29	Copper	9.4
Halfpenny	1825	1859	28	Copper	9.5
Halfpenny	1860	1967	26	Bronze	5.7
Halfpenny Token					
Half Sovereign	1902	2012	19	Gold 0.9166	4
Hundred Pounds	2015		40	Silver 0.999	62.86
Model penny	1844	1848	22	Copper-zinc-nickel	
Penny	1698	1795	12	Silver 0.925	0.5
Penny	1797	1797	36	Copper	28.3
Penny	1806	1808	34	Copper	18.9
Penny	1817	1820	11	Silver 0.925	0.5
Penny	1825	1859	34	Copper	18.8
Penny	1860	1967	31	Bronze	9.4
Penny (p)	1971	1991	20.3	Bronze	3.56
Penny (p)	1992		20.3	Steel-Copper-Plated	3.56
Pound	1983	2015	22.5	Nickel-Brass	9.5
Pound	2016		23.43	Nickel-Brass	8.75
Shilling	1560	1603	31	Silver 0.925	5
Shilling	1625	1649	29	Silver 0.925	5
Shilling	1666	1701	26	Silver 0.925	6.2
Shilling	1702	1763	26	Silver 0.925	6
Shilling	1787	1798	25	Silver 0.925	6
Shilling	1816	1919	24	Silver 0.925	5.7
Shilling	1920	1946	24	Silver 0.5	5.7
Shilling	1947	1967	24	Cupro-Nickel	5.7
Silver Bullion 1oz	1987		38.6	Silver 0.999	31.21
Silver Bullion quarter oz	2014		22	Silver 0.999	7.86
Sixpence	1561	1600	25	Silver 0.925	
Sixpence	1695	1701	21	Silver 0.925	3.1
Sixpence	1703	1726	21	Silver 0.925	3
Sixpence	1728	1758	21	Silver 0.925	3.2
Sixpence	1787	1787	21	Silver 0.925	3
Sixpence	1816	1919	19	Silver 0.925	2.8
Sixpence	1920	1946	19	Silver 0.5	2.8
Sixpence	1947	1967	19	Cupro-Nickel	2.8
Sovereign	1817		22	Gold 0.9166	8
Ten Pence	1968	1992	28.5	Cupro-Nickel	11.3
Ten Pence	1993	2011	24.5	Cupro-Nickel	6.5
Ten Pence	2012		24.5	Steel-Nickel-Plated	6.5
Threepence	1561	1582	20	Silver 0.925	1
Threepence	1625	1649	20	Silver 0.925	1
Threepence	1670	1713	18	Silver 0.925	1.5
Threepence	1717	1800	17	Silver 0.925	1.5
Threepence	1817	1919	16	Silver 0.925	1.4
Threepence	1920	1944	16	Silver 0.5	1.4
Threepence Brass	1937	1967	22	Nickel-Brass	6.8
Twenty Pence	1982		21.4	Cupro-Nickel	5
Twenty Pounds	2013		27	Silver 0.999	15.71

Denomination	YearFrom	YearTo	Diameter	Material	Weight
Twopence	1797	1797	41	Copper	56.7
Twopence (2p)	1971	1991	25.9	Bronze	7.12
Twopence (2p)	1992		25.9	Copper-Steel	7.12
Two Pounds	1986	1996	28.4	Nickel-Brass	15.98
Two Pounds	1997		28.4	Cu-Ni-Brass	12
Two Pounds Proof	2003		28	Silver-Gold-Plated	12

#### 11.5.4 Materials.csv – 1 entry per unique material type

Material	Elements
UNKNOWN	
Brass	Cu-Zn
Bronze	Cu-(Zn-Sn)
Copper	Cu
Cupro-Nickel	Cu-Ni
Cu-Ni-Brass	Cu-Ni-Zn
Gold 0.9166	Au
Nickel-Brass	Ni-Cu-Zn
Nickel-Steel	Ni-Fe-C
Silver 0.5	Ag-Cu-(Ni)
Silver 0.925	Ag-(Cu)
Silver 0.999	Ag
Silver	Ag
Silver-Gold-Plated	Ag-(Au)
Steel-Copper-Plated	Fe-(Cu-Mn-C)
Steel-Nickel-Plated	Fe-(Ni- Mn-C)
MIXTURE	

### 11.5.5 Monarchs.csv – 1 entry per monarch

This provides a list of Monarchs or Obverse Designs covering the periods your coins were made. The year of the coin is used to look up any reigning monarch at that time.

Monarch	ReignStart	ReignEnd	ReignYears
UNKNOWN			
Anne	1702	1714	13
Charles I	1625	1649	25
Charles II	1660	1685	26
Commonwealth	1649	1660	12
Edward VI	1547	1553	7
Edward VII	1902	1910	10
Elizabeth I	1558	1603	46
Elizabeth II	1953		64
George I	1715	1727	14
George II	1728	1760	34
George III	1761	1820	61
George IV	1821	1830	11
George V	1911	1936	27
George VI	1937	1952	17
Henry VIII	1509	1547	39
James I	1603	1625	23
James II	1685	1688	4
Mary I	1553	1558	6
Victoria	1838	1901	64
William III	1689	1701	14
William IV	1831	1837	8
VARIOUS			

### 11.5.6 SetCodes.csv – 1 entry per unique type of set

This allows you to group similar items as sets. You can add as many set codes as required and you can remove any that aren't required.

SetCode	Notes
N/A	
Commemorative Crowns	
Farthing Types	
Farthings (year range)	
Fifty Pence Types	
Florin Types	
Halfcrown Types	
Halfpenny Types	
Halfpennies (year range)	
Penny Types	
Pennies (year range)	
Pound Types	
Shilling Types	
Shillings (year range)	
Sixpence Types	
Sixpences (year range)	
Threepence Types	
Threepences (year range)	
Year Set	
UNKNOWN	