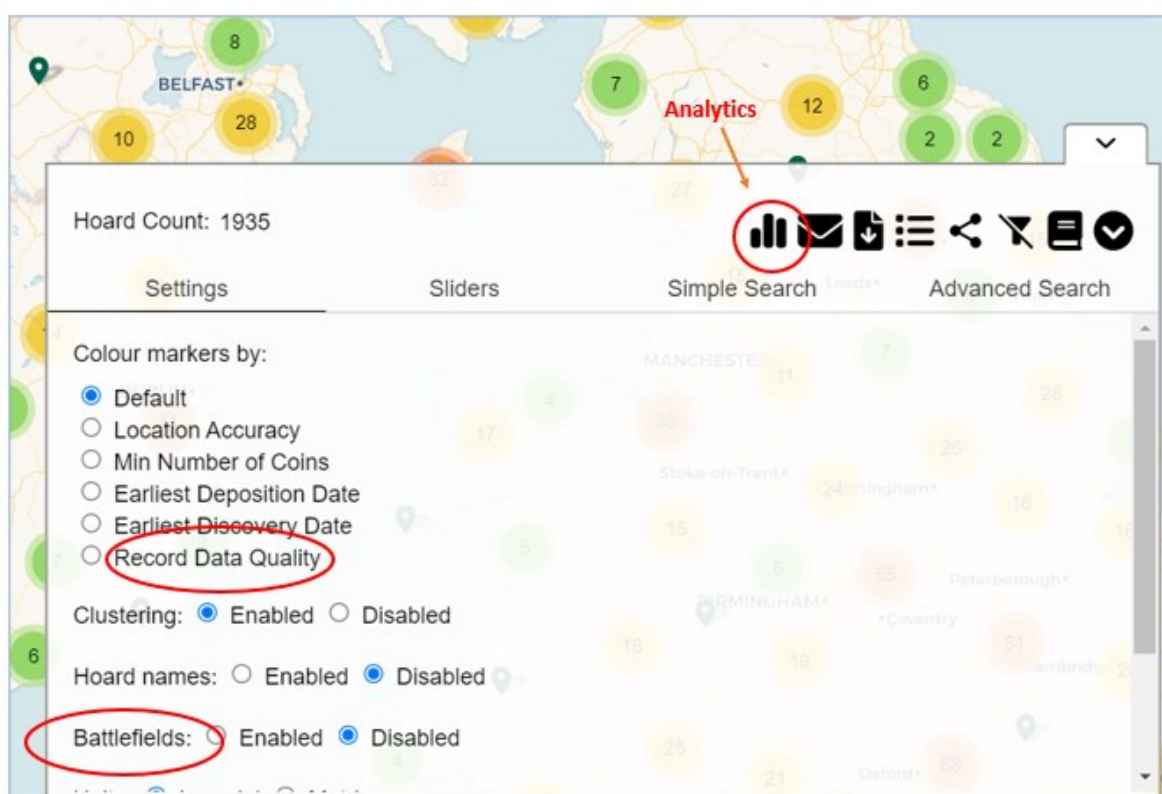# Three Recently Added New Features on the Medieval Coin Hoards Website, MCHBI

Rob Page

"MCHBI", or Medieval Coin Hoards of Britain and Ireland, is a web application dealing with Medieval coin hoards deposited from the mid-5th century to 1544. It was developed by a BNS team and introduced in November 2022. The application has been described in a prior blog note issued at the time that the application was released[1].

Since then, a number of new functions have been added, and these are highlighted in the figure below, and will be briefly described.

The figure shows the main pop-up menu, and the three new features are as follows:

a) **ANALYTICS** – clicking on the bar-graph icon on the top menu bar takes you to a screen with a number of graphs. These graphs are dynamically linked to the current hoard selection – e.g. if you have chosen to plot hoards deposited between 1100 and 1200 AD the graphs will summarise the data for that particular selection. Changing the hoard filters will correspondingly change the data displayed on the plots.

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[1] "MCHBI" – A BNS Online Map Application for Medieval Coin Hoards in Britain and Ireland – Rob Page (Link)

b) **RECORD DATA QUALITY** – A new feature as of March 2023. MCHBI contains a spectrum of different quality records. On the one hand we have hoards that were found in recent years that have been fully documented on the basis of current numismatic knowledge, and the coins have been preserved in a museum. On the other hand, there are reports of hoards found hundreds of years ago, vaguely documented and with little knowledge of the type and number of coins, and the whereabouts of the coins unknown.

A numismatist using MCHBI for their research may wish to have a quick and easy way to filter out unreliable hoard records. This has been implemented and the way it works is that nine different input parameters are automatically assessed, and a total record quality score (0-100) calculated for each hoard.

Another slider bar has been added to the MCHBI main menu, as shown in the figure on p.1, such that poorer documented hoards can easily be filtered out. Also note that a new option is now available to colour code hoard icons by their record quality score.

Further details on this feature are available in the MCHBI User Guide (Link).

c) **BATTLEFIELDS** - Some hoards may have been buried in haste ahead of an impending battle, and it can thus be useful to know battlefield locations. When a user switches on the battlefield display option then the battlefields shown on the map will be controlled by the hoard deposition date slider, for example if hoard deposition dates of 1000-1100 AD are selected then only battles fought within those dates will have their location shown. This feature is of most use when the selected date range is quite limited. If no hoard deposition range is selected then all battlefields will be plotted on the map. The location of many battlefields is uncertain - those locations that are reasonably well known are shown in a darker symbol.

The MCHBI team is continuously adding new hoard records, new references, and updates to existing listed hoards. If you are aware of any missing hoards or references etc then please email me: mailto:hoards@britnumsoc.org