

CoMove Tool User Guide

User Interface

Navigation

The website is navigated by using the navigation bar on top of the page. For this experiment only the "Graves" list is needed. We recommend choosing the first grave and clicking the "Edit" button.

Grave Editor

The user interface consists of several areas. On the right, the list of recognized figures is displayed. Every figure is defined by its label (grave, scale, arrow, skeleton, grave cross section, grave good, spine, cross section arrow). The left top area shows a preview of the north arrow. Below it the page is displayed with all bounding boxes. The drop down above the page can be used to change the preview mode to bounding boxes, contours or to view the page without additional data. On top of the page, the delete button can be used to remove incorrectly marked graves, the next and previous link can be used to step through burials.

Several types of figures have extra attributes:

Grave: Grave ID

Scale: Distance (cm)

Skeleton Figure: Position (Unknown/Back/Side)

The currently selected figure is indicated by its blue background (here a grave), the bounding box (on the right) is highlighted by its red color. Bounding boxes can be resized by clicking on the black dots in the top left and bottom right corner and holding the mouse button while moving them to the desired position. Figures can be selected by either clicking on the resize dots or by clicking on them in the list on the right side. It may be necessary to scroll down to fully see certain bounding boxes.

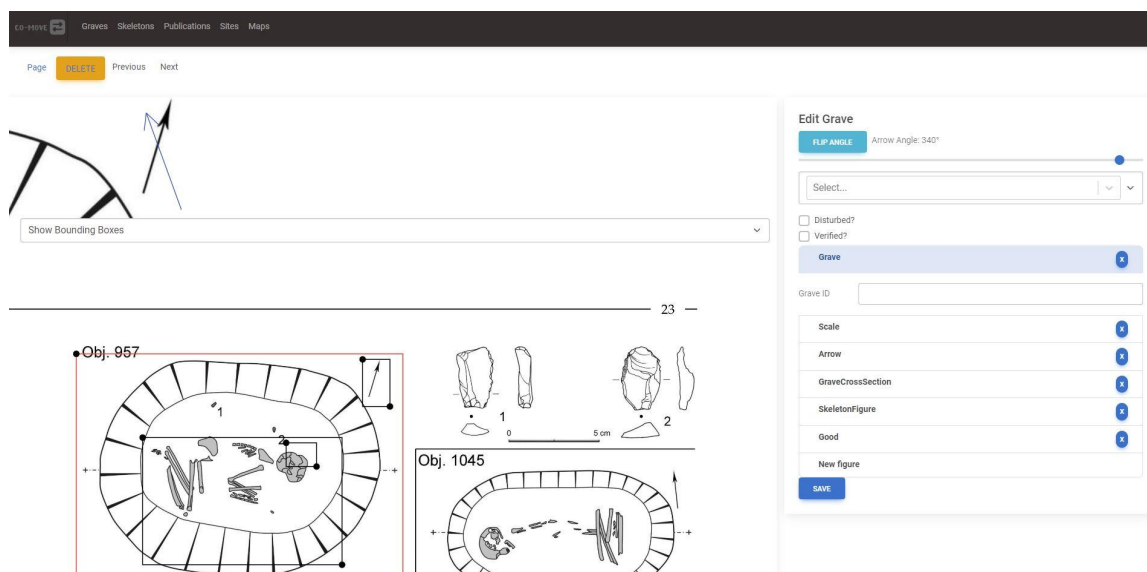
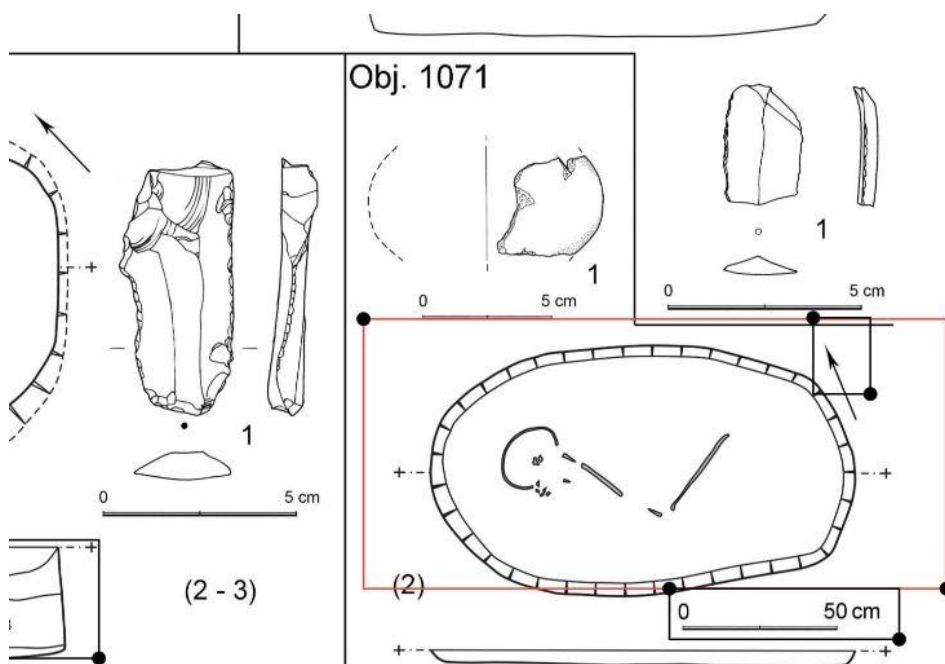


Fig. 1

The measurement of sizes and analysis of scales is done automatically. For this to work, the outline of objects must be fully contained within the bounding boxes. Figure 2 is showing a bounding box that needs to be moved to fully contain grave 1071. Bounding boxes need not closely match the outline, excess space is generally not an issue.



úřkové keramiky. Půdorysy a profily podle terénní dokumentace sjednotil a přerošová, upravila B. Hružová. — **Abb. 5.** Vliněves, Kreis Mělník. Schnurkeramische

Fig. 2

Bounding boxes for scales should also include the indicated displayed width.

Figures can be removed by pressing the 'X' button in the right side list. New figures can be created using the new 'New Figure' button at the bottom of the right side list. Then the type of figure has to be selected from the dropdown (Fig. 4). The figure is then created using the "CREATE" button. The "Close" button cancels the process.

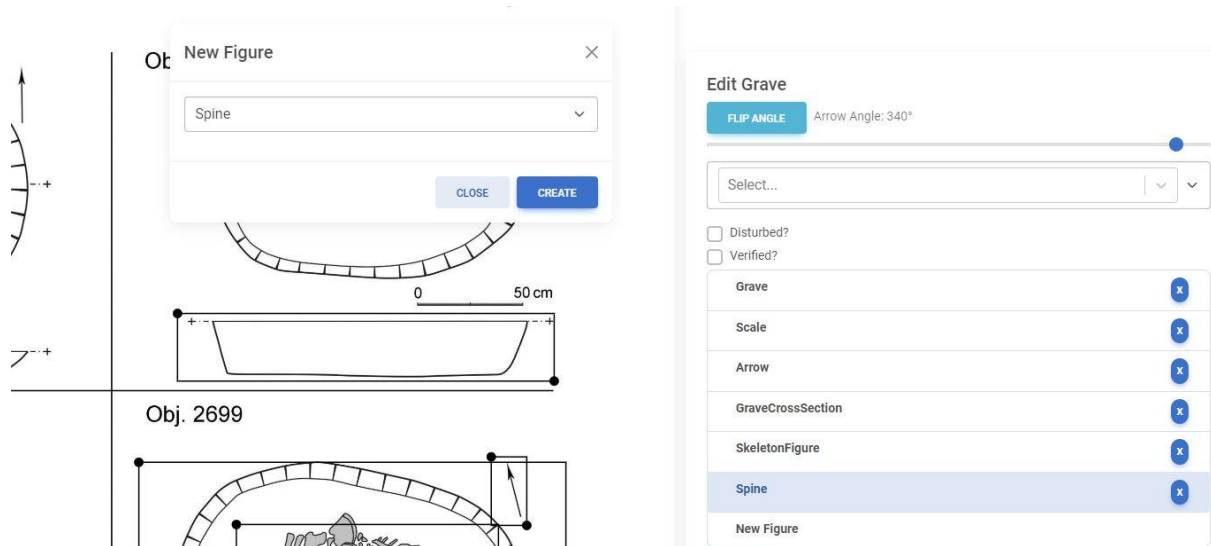


Fig. 4

Sometimes scales, arrows or other items are incorrectly assigned to a specific grave (Fig. 5). Figure 5 shows that the wrong scale has been assigned to the grave. In those cases, either resize the bounding box to encapsulate the correct object or delete it and create a new bounding box.

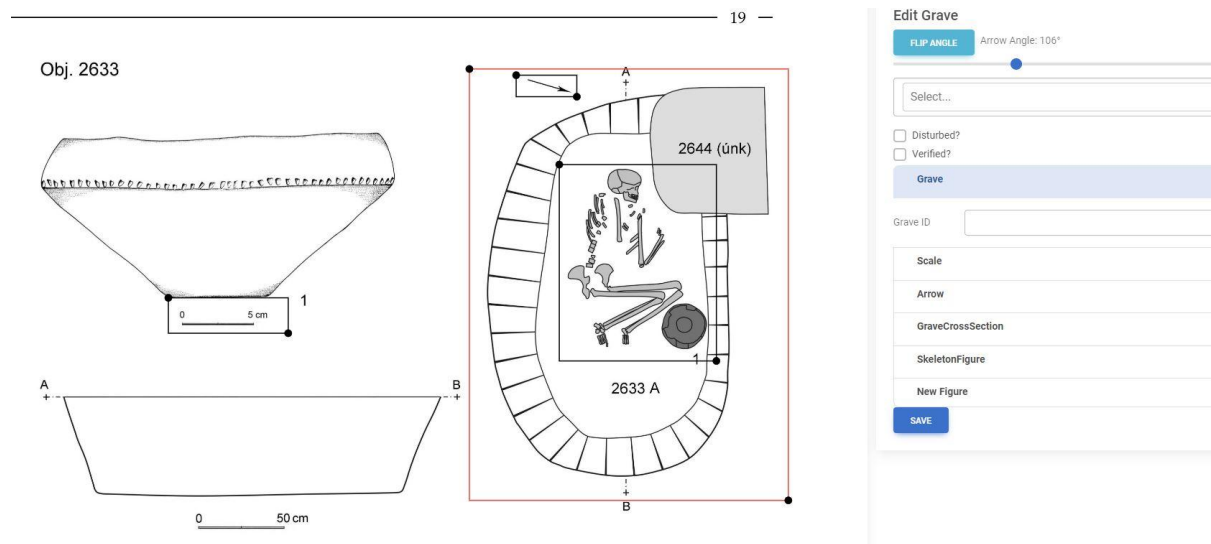


Fig. 5

Sizes and the text from scales is updated when the "SAVE" button is pressed. If an incorrect scale has been assigned, the distance has to be manually overwritten with the correct amount.

The north arrow is shown on the top (Fig. 6). If the correct arrow has been correctly recognized, it will be automatically assigned an angle. The slider on the right is used to manually correct the angle. After the bounding box has been changed the current progress needs to be saved before the preview on top will be updated.

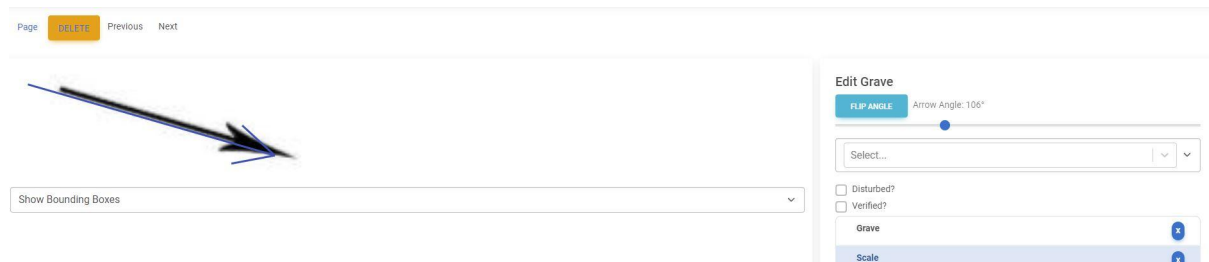


Fig. 6

Recommended Workflow

1. Go to the graves list, click the edit link on the first grave.
2. Resize all bounding boxes where necessary and make figures for (if possible) a cross section, north arrow, scale, skeletons
3. **Save**
4. Check contours and resize bounding boxes if necessary, **Save** if changes have been made
5. Correct the orientation of the north arrow if necessary
6. Check the assigned measurement of the scale and fix if incorrect
7. Check the assigned position (side/back) of the skeleton and fix if incorrect
8. **Save**
9. Create new spine figures and run it along all skeletons' spines with the arrow pointing to the head. This should only be done where the user is confident in its position.
10. **Save**
11. Proceed to the next grave