Neurolucida® software
Release Notes

Version 2020.2.3 (10/22/2020)

ISSUES RESOLVED

- It is now easier to resume tracing unfinished branches in Neurolucida software. When you open a data file with unfinished branches at nodes, Neurolucida keeps track of those and brings you to each node as if you normally would if had not stopped your previous session
- Fixed cut-off text in Image Organizer

Version 2020.2.2 (9/18/2020)

ISSUES RESOLVED

- Fixed a bug in the SVG export feature so that ball and stick spine attachment is correct
- Fixed a bug in the contour-type dropdown menu to show the correct colors when contours are hidden
- Fixed a bug in the right-click menu for the scalebar after copy/paste
- Fixed some minor user-interface issues in the slide-scanning workflow
- Fixed a crash in the slide scanning workflow that sometimes occurred during sample scans
- Added a checkbox in the slide-scanning workflow so that users can now exclude or include nested contours in the scanned region
- Fixed a crash that occurred when changing and ending type in the 3D window

Version 2020.2.1 (9/2/2020)

NEW FEATURES

- Basler cameras are now supported

ENHANCEMENTS

- Checkbox to "Use local help system" added to *Preferences*. This is ideal for systems that are not connected to the internet.
- PC serial number is now available in the *About* menu

ISSUES RESOLVED

- The append contour option is no longer permanently disabled.
- Correct right-click menu options are now displayed after copying and pasting an arrow
- Fixed the 'select by type' dropdown in the 3D window so that hidden contours appear
- Fixed the display of 3D shell contours when switching between dialogs
- Fixed a bug where the 3D stereo view setting was out of sync after opening a new data file

- Fixed a bug where "Attach internal markers" attached markers outside contour
- Fixed visual issues with flyout help control in preferences
- Fixed a crash in slide scanning workflow step 3 when switching contour type
- Fixed a crash when shifting Z value on tree with 2D manually traced spines
- Fixed issues with drawing SVG export files
- Fixed issue where manually drawn somas are incorrectly skinned
- Clarified the text in the mouse-wheel preferences
- User interface optimizations for multiple monitor resolutions that caused text and help buttons to be obscured
- Fixed a crash when acquiring mono-color images with a color camera
- Fixed a crash that occurred when canceling out of hardware setup
- Fixed a bug where the batch filter window was layered on top of the file menu
- Fixed a bug where correcting z shrinkage appeared to produce inconsistent results in orthoview
- Fixed increment/decrement direction arrows in Preferences
- Increased pixel window default size
- Added tooltips to ortho view commands
- Fixed a bug where inserting a section changed the top of all other sections
- Fixed a bug where long marker names didn't display properly in the marker combo box in 3D window
- Fixed the image organizer to no longer crash the program when painting thumbnails of closed images
- Exporting movies at odd resolutions is no longer allowed as it causes rendering issues
- Updated the way scrollbar size is determined in the 3D control panel

Version 2020.1.3 (3/27/2020)

ISSUES RESOLVED
- Fixed a crash that occurred when copying circle contours
- Fixed issues related to hiding and revealing traced objects
- Fixed the Slide Scanning workflow, Step 1 to consistently notify the user of a problem
- Fixed an issue that was generating a temporary file directory with assembly data in it for 2D slide scans that don't need the assembly file
- Fixed an issue with the preference "Show Objectives In Quick Access"
- Changed the default Z-axis configuration to enable it for free software trials
- Fixed issue where manually traced somas are incorrectly drawn

Version 2020.1.2 (3/5/2020)

ISSUES RESOLVED
- Fixed issue with images not loading properly

Version 2020.1.1 (2/7/2020)

NEW FEATURES

- New contour list tool that:
  - Enables importing of csv or txt file of regions or contour names
  - Enables ability to search for names in the list of contours

ENHANCEMENTS

- Added controls in the export tracing dialog for exporting images at a specific resolution
- Added an option in Select Objects to "select everything of this contour type"
- Added a new, fast cursor option in preferences. Selecting this option addresses potential issues with cursor delay.
- New Montage option 'Order and align using image name'

ISSUE RESOLVED

- Fixed a bug in image export that exported the background image at a low resolution
- Fixed an issue in which values in last step of the slide scanning workflow did not persist.
- Fixed crash that occurred when Luminera camera is not installed
- Fixed a problem with rotating jpeg2000 images that could result in images that were too large or in the wrong location
- Fixed crash that occurred when cancelling the tool panel "Close All" button with Image Adjustment open
- Fixed issue with transparency slider in preferences
- Fixed issue when loading rgb nd2 images
- Fixed the inability to select spines placed in the 2.5D window in the 3D window
- Fixed the issue when scaling is over-ridden when images are opened in grid layout
- Fixed issue with 'show current section' was not respected in the 3D visualization window
- Fixed issue displaying large DAT files in the 3D visualization window
- Fixed crash that occurred when changing tracing options during the circle contour