2D Image Processing Software

Andrew Williston

Museum of Comparative Zoology

Ichthyology Collection



Quality



Quality Archival



Quality
Archival
Attractive



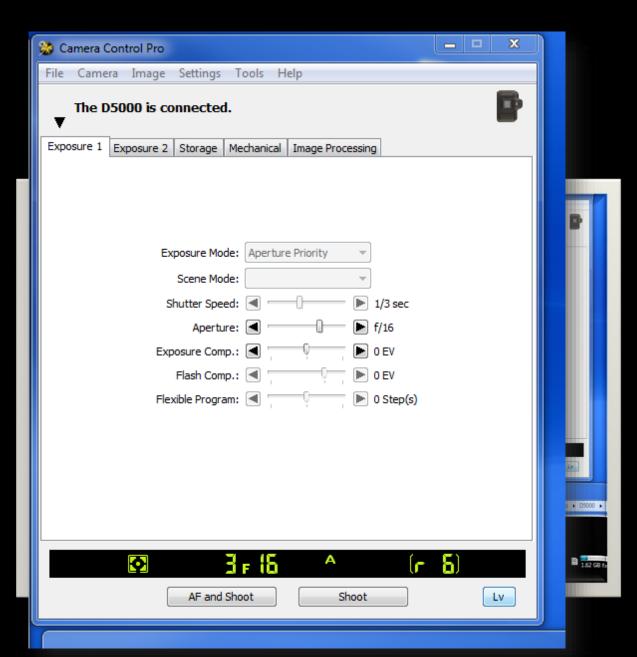
Quality
Archival
Attractive



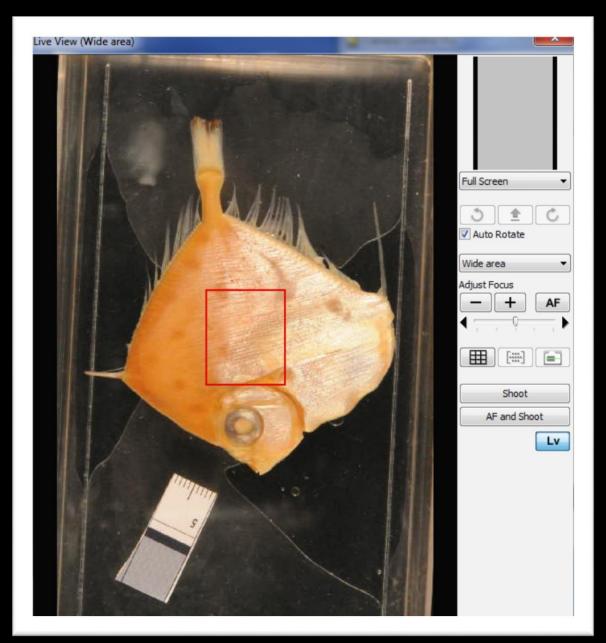
IMAGE CAPTURE SOFTWARE



Quality •tethering



Quality •tethering



tethering

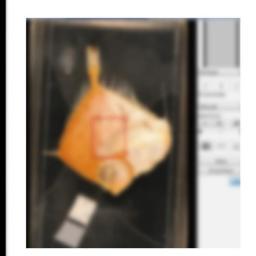




IMAGE PROCESSING



2016-03-21_1.NEF

review



2016-03-21_1.NEF

review



2016-03-21_1.NEF

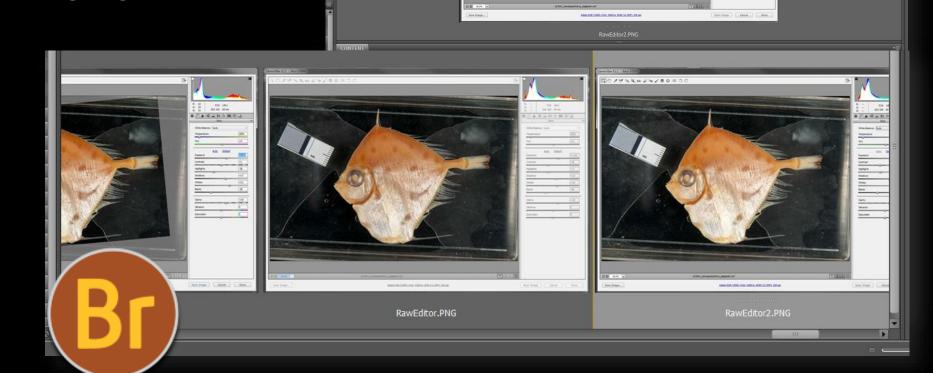


2016-03-21_2.NEF



2016-03-21_3.NEF

Quality • review

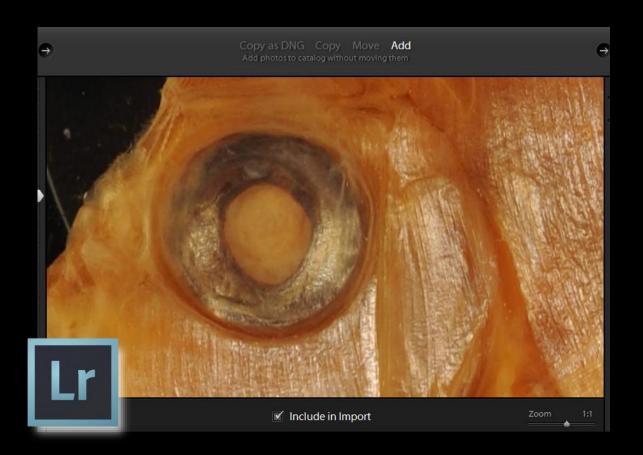


0/1/44=24/00=0

Quality • review



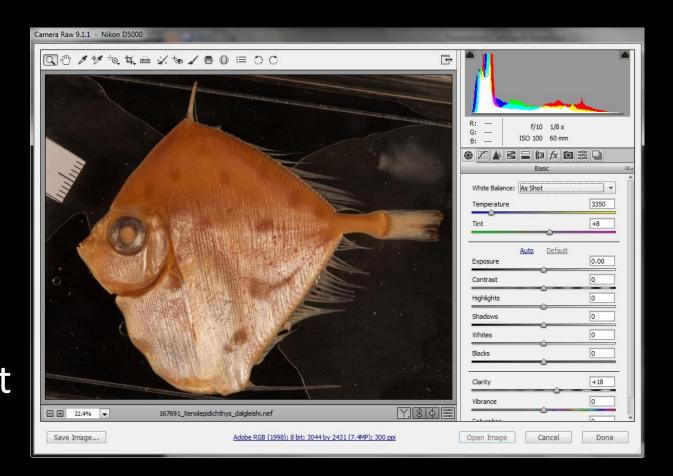
Quality -review



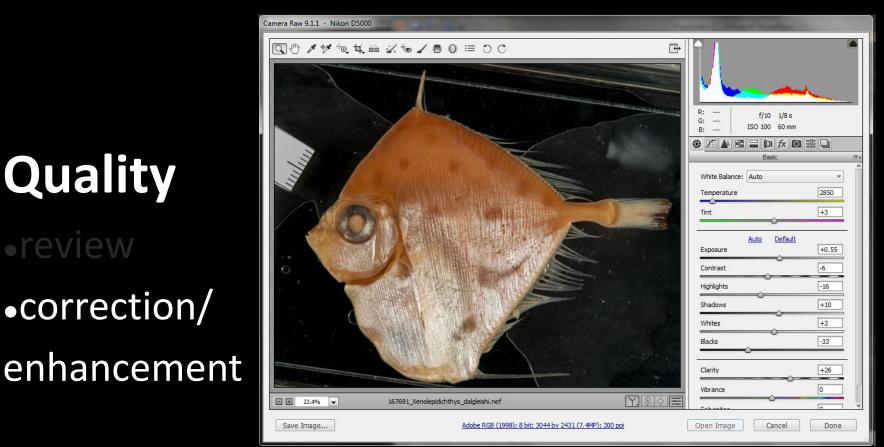
Quality • review



- review
- correction/enhancement



Quality correction/





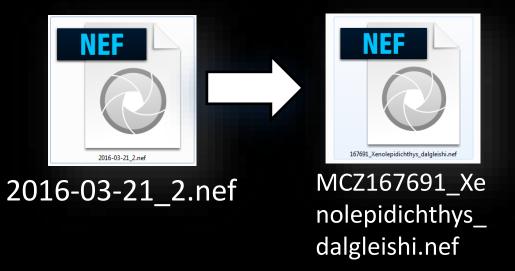
2016-03-21_1.NEF

- review
- correction/

Enhancement

Archival

• file name



- review
- correction/

Enhancement

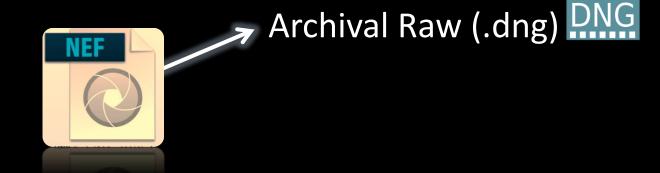
- file name
- conversion



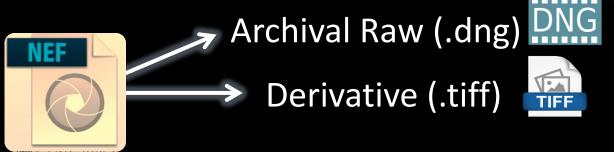
- review
- correction/

Enhancement

- file name
- conversion



- file name
- conversion





- review
- correction/

Enhancement

- file name
- conversion



- review
- correction/

Enhancement

- file name
- conversion
- metadata



- review
- correction/

Enhancement

Archival

- file name
- conversion
- metadata



Archival Raw (.dng)

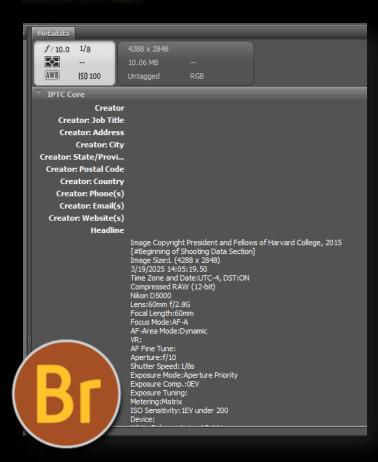


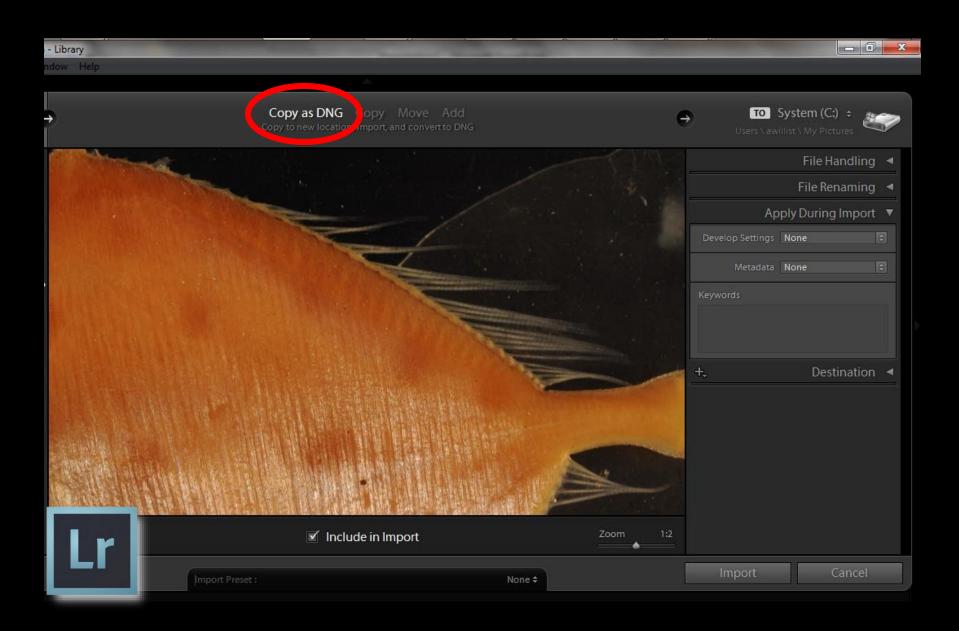
Derivative (.tiff)

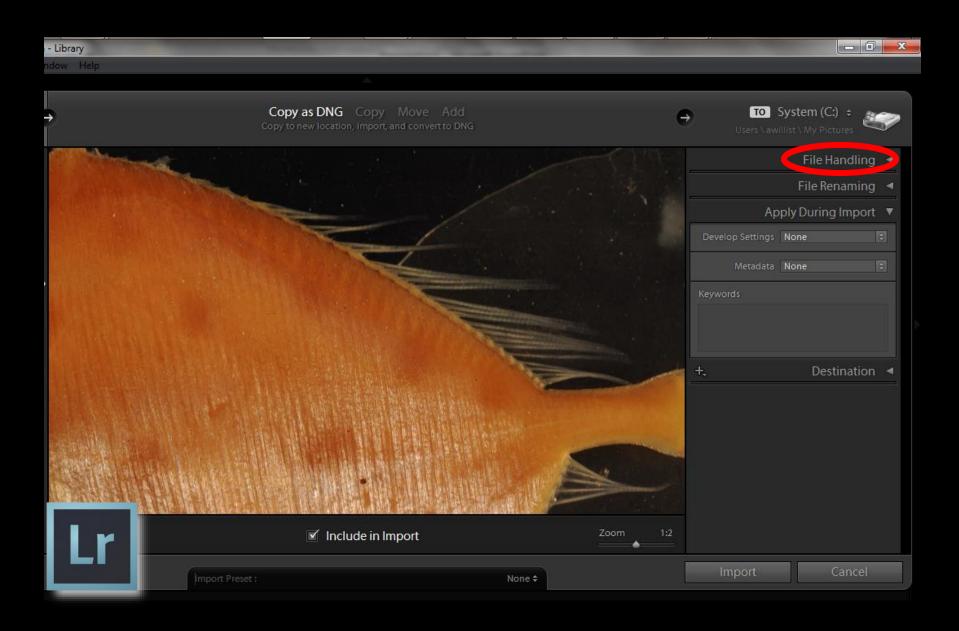


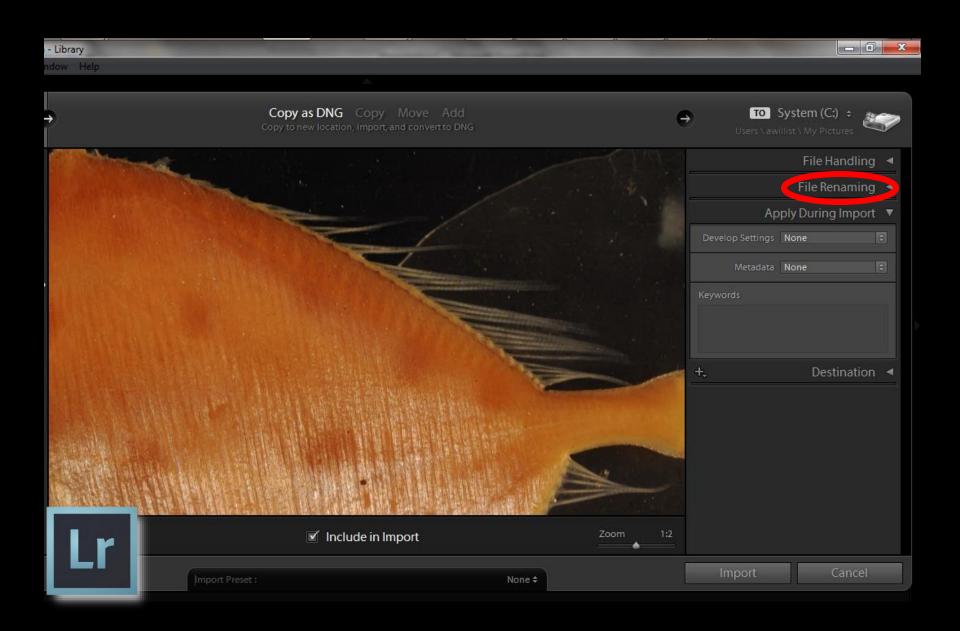
Derivative (.jpeg)

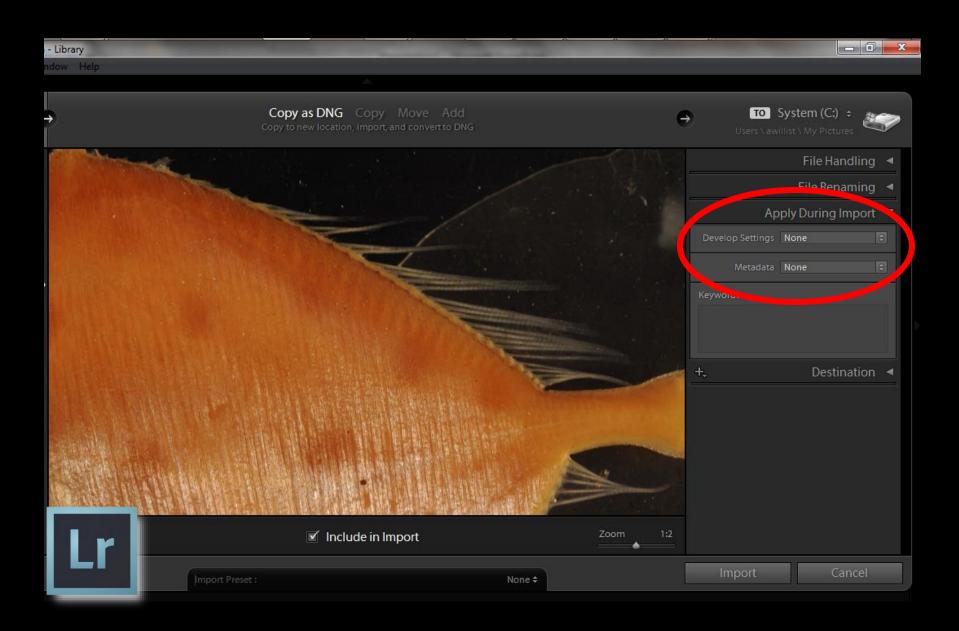














Maximize detail while minimizing change



Magic wand



Erase

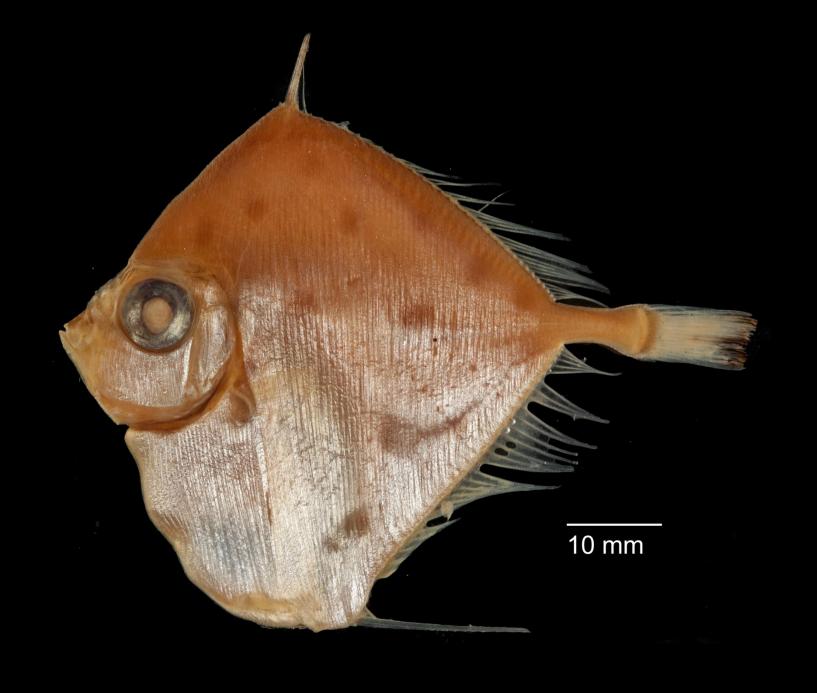


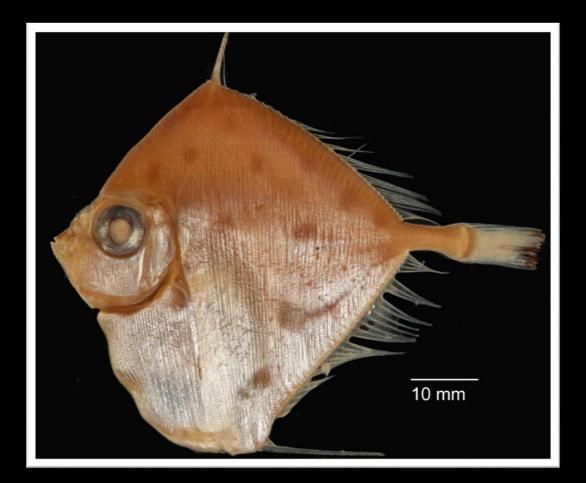


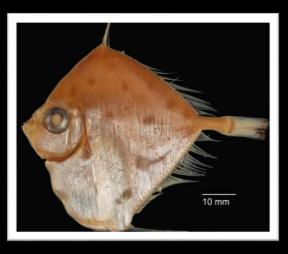
Straighten













Museum of Comparative Zoology specimen ICH-60585 ©President and Fellows of Harvard College Original photography by G. David Johnson, UNSM.

Image Credit Dave Johnson, USNM