She Shoots She Stores: The New Photographic Practice

Lecture : SFU/ CMNS 386-4

Presented by: Jessica Bushey

September 19, 2006

New Media Preservation

- International Research on Permanent Authentic Records in Electronic Systems: Experiential, Interactive, and Dynamic Records Project [InterPARES 2]

http://www.interpares.org/ip2/ip2_index.cfm

- Reciprocal Research Network at the UBC Museum of Anthropology [RRN -MOA]

http://www.moa.ubc.ca/renewal/rrnoverview.php

InterPARES 2

- Digital technology increases:

1) number of records made & distributed,
2) opportunity for haphazard creation & management,
3) permanent loss, and
4) opportunity for record manipulation & duplication.

InterPARES 2

- Record: any document created by a physical person in the course of a practical activity or as a byproduct of an activity.

Ex. Digital Image

- Authenticity: trustworthiness that a record is what it purports to be and has not been tampered with since being *set aside*
- Reliability: trustworthiness of a record as a statement of fact

What about Photography?

Analogue Photography

- Legal authenticity & reliability based on ability to detect alterations in image emulsion and testimony of procedures over creation & preservation.

- Cultural authenticity & reliability based on the presence or mark of the creator and the object's history of ownership.

Born Digital Images

- What is the original?
- How to detect changes?
- How to limit copies?
- What is the standard procedure for creation, distribution, management, and long-term preservation?
- How to know identity of creator, recipient, preserver?
- How to ensure integrity?

Survey on the Record-Keeping Practices of Photographers using Digital Technology

Survey Findings

- File Formats
- Commercial Software Products
- Storage Media
- Metadata
- Awareness & Concern

Survey Recommendations

- Creators of born digital images should establish a record profile for each and every digital image that is saved.
- Creators should establish and implement access privileges into their record-keeping system.
- Creators should use standardized file formats and metadata schema.
- Creators should have back-up procedures in place.

InterPARES 2 Guidelines for Creators

- Select software & hardware with track record of on-going compatibility.
- Ensure that digital information that needs to be kept has a stable and fixed form.
- Establish a person responsible for preservation activities.
- Organize digital files into logical groupings.
- Authentication methods should not affect future access.

UBC-Museum of Anthropology

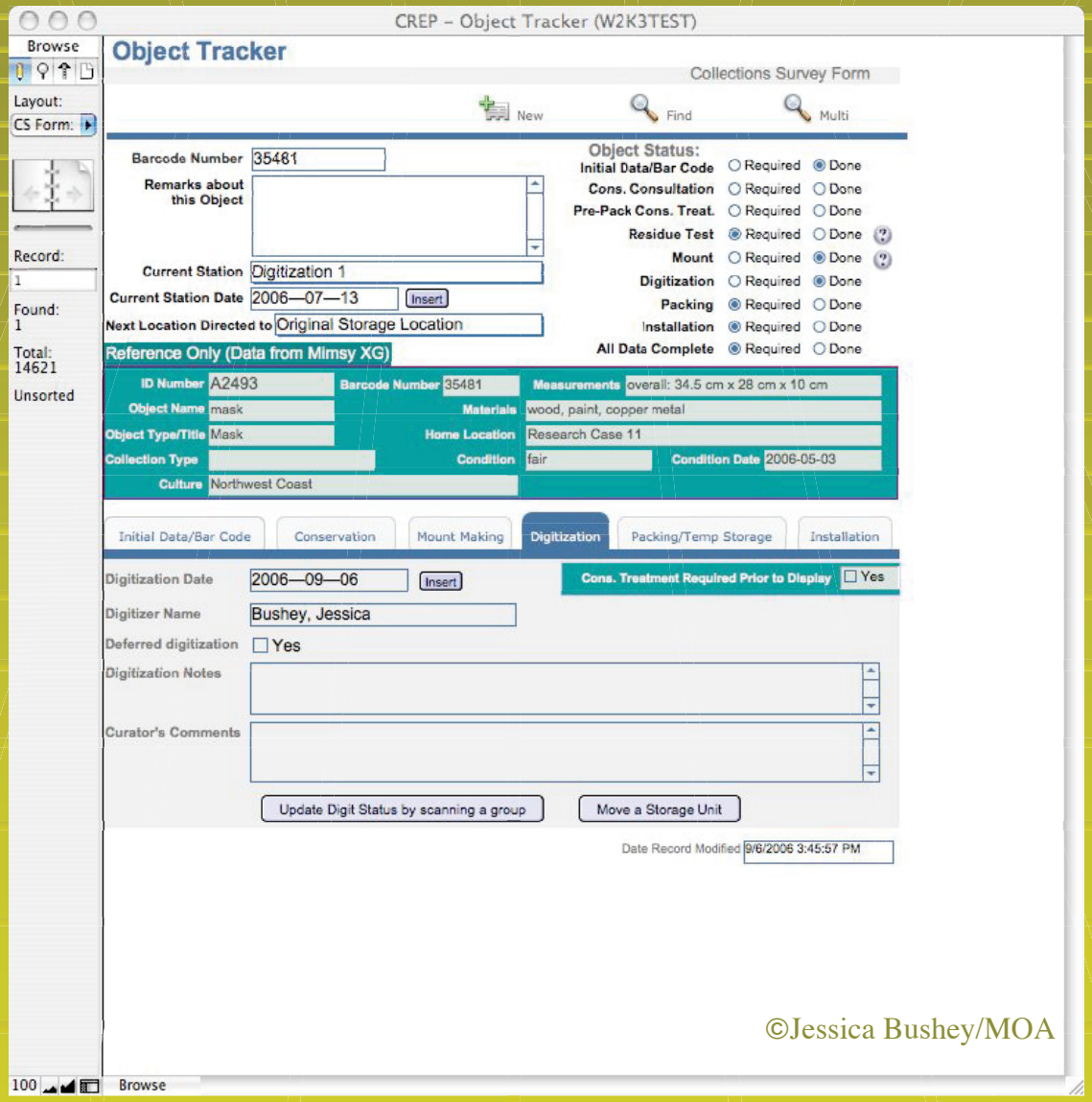
- RRN

- Digitization Scope
  - -file formats
  - -metadata schema
  - -storage & security

Object / Image

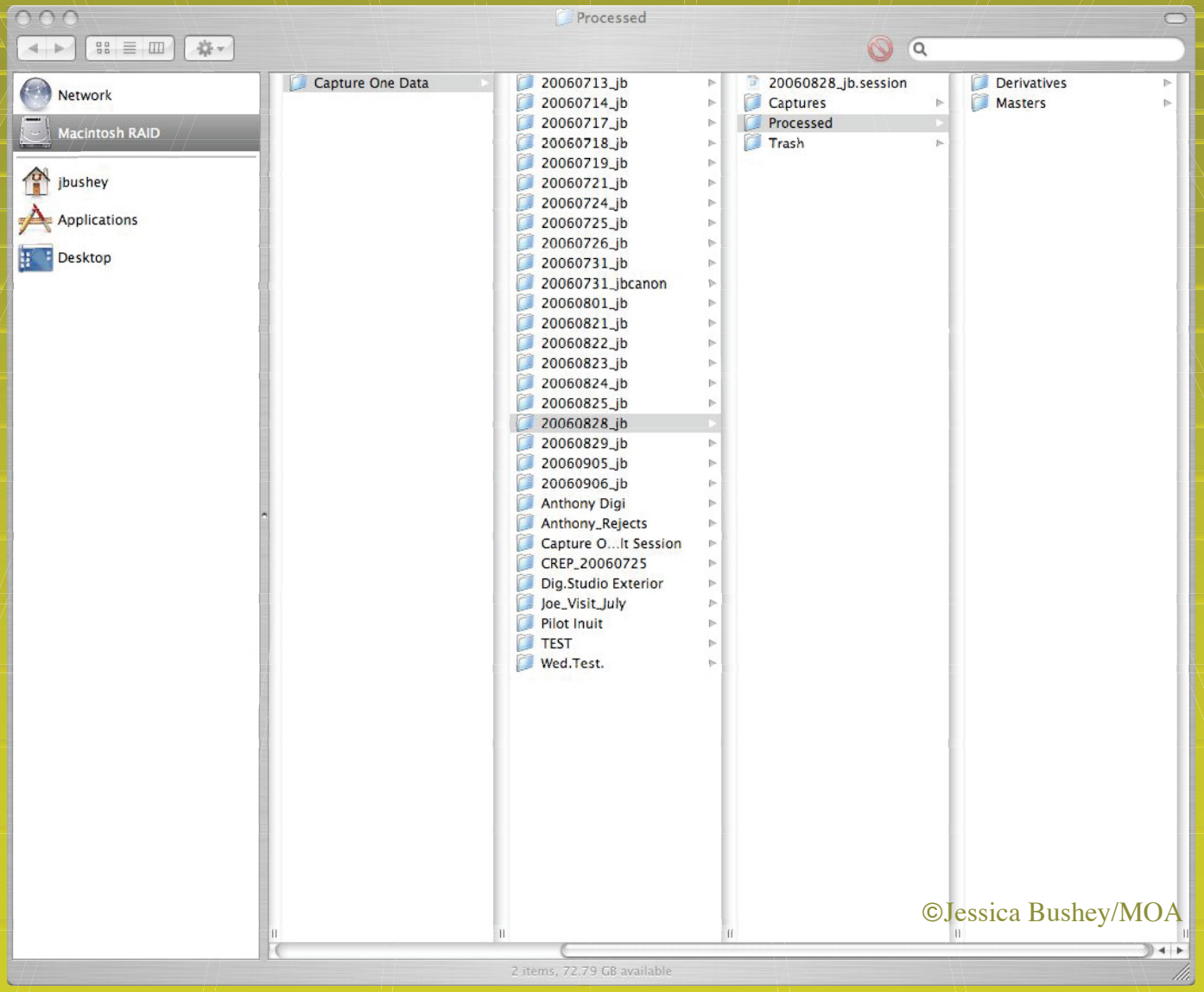
- Barcoding
- File Maker Pro
- Collection Database
- Enterprise wide DAM

FileMaker Pro - Tracking



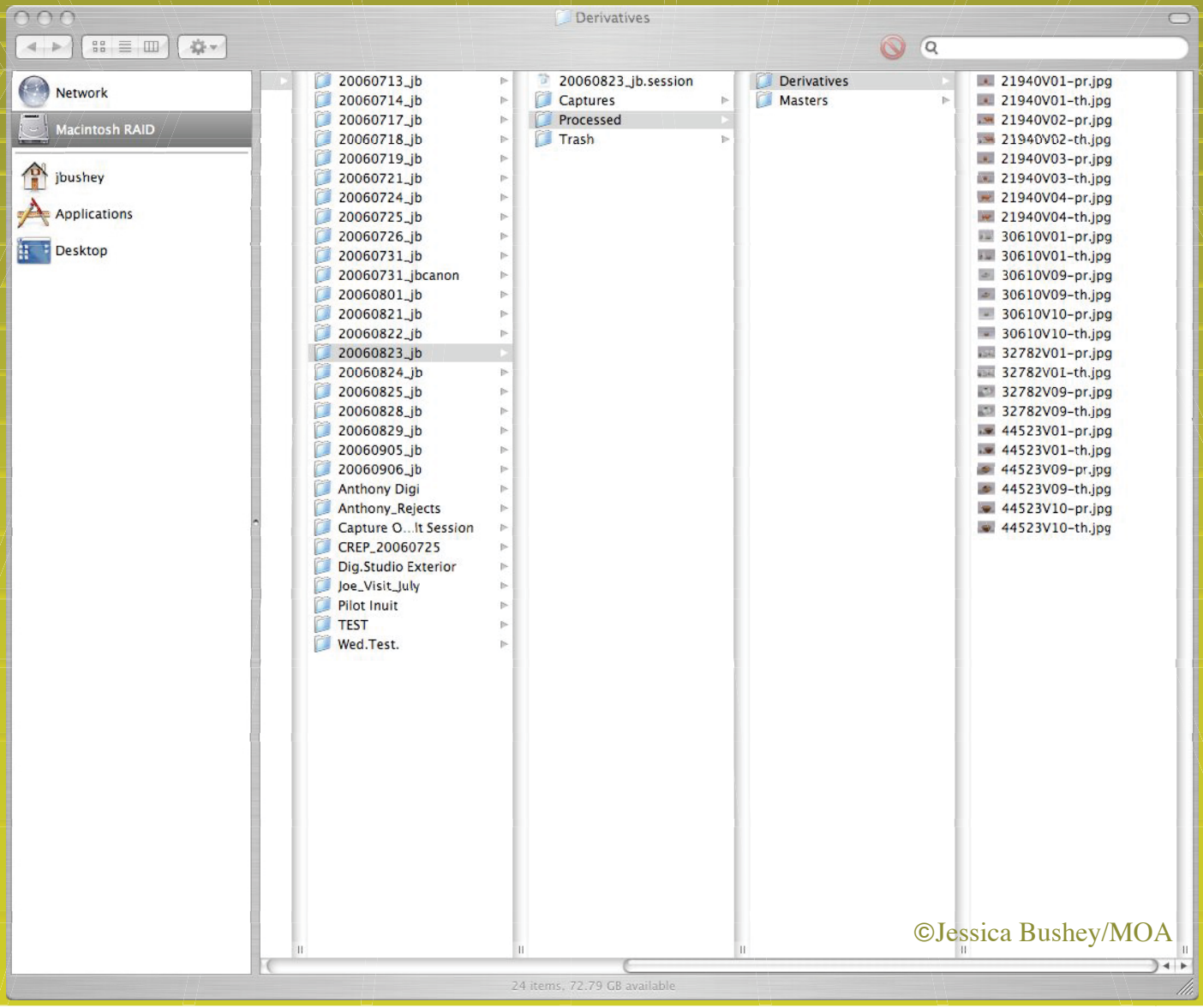
©Jessica Bushey/MOA

Capture One File Hierarchy



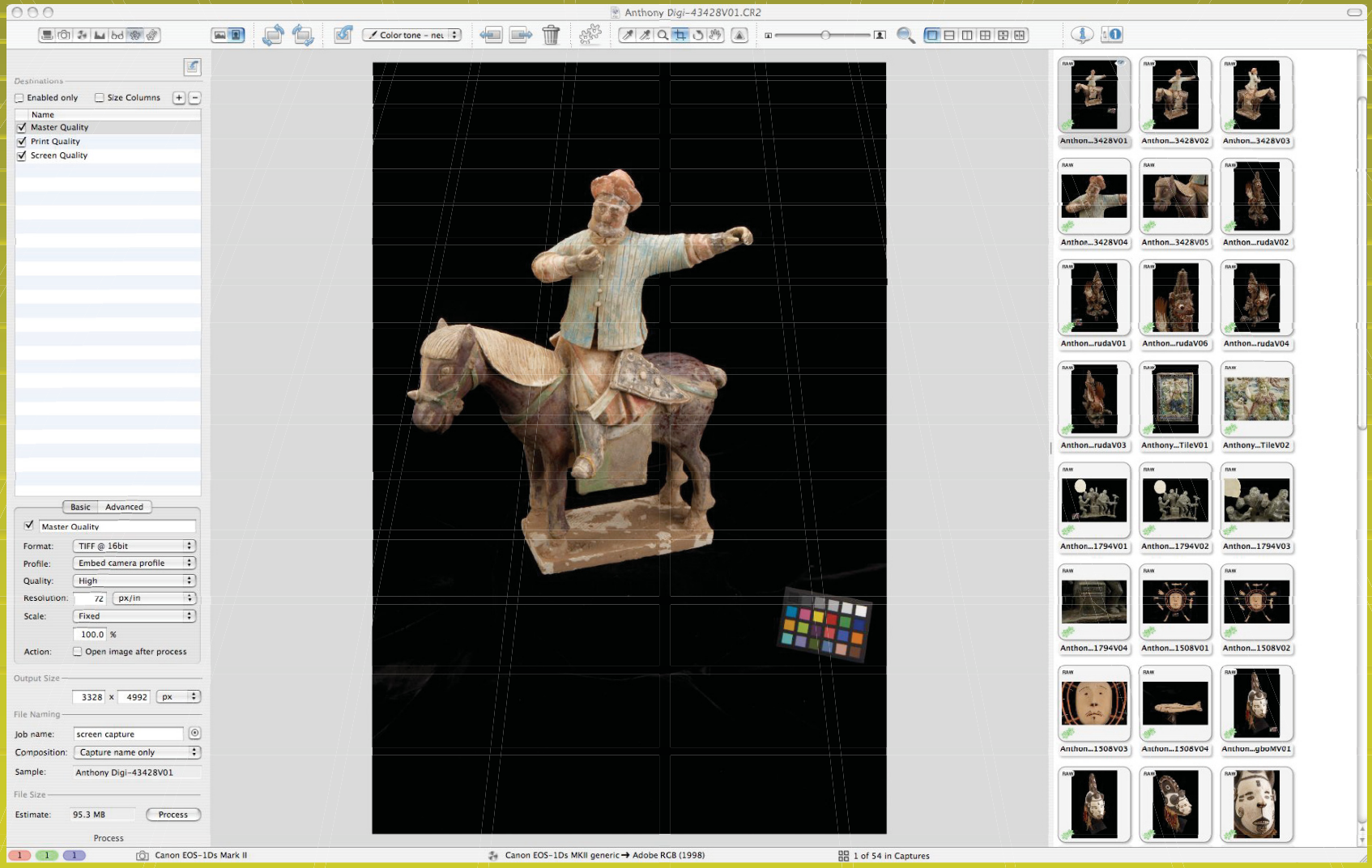
©Jessica Bushey/MOA

Capture One File Hierarchy 2



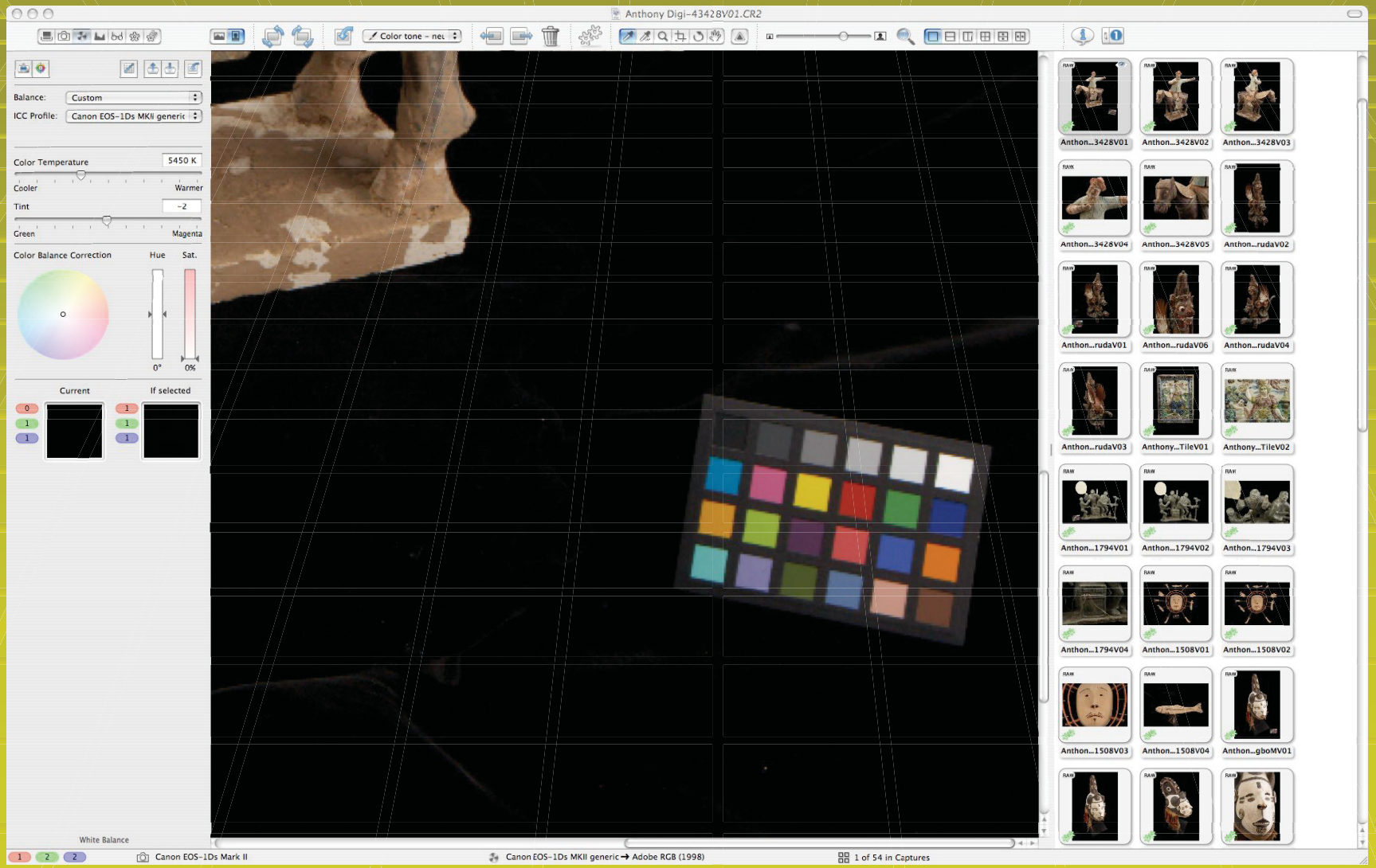
©Jessica Bushey/MOA

Capture One - RAW



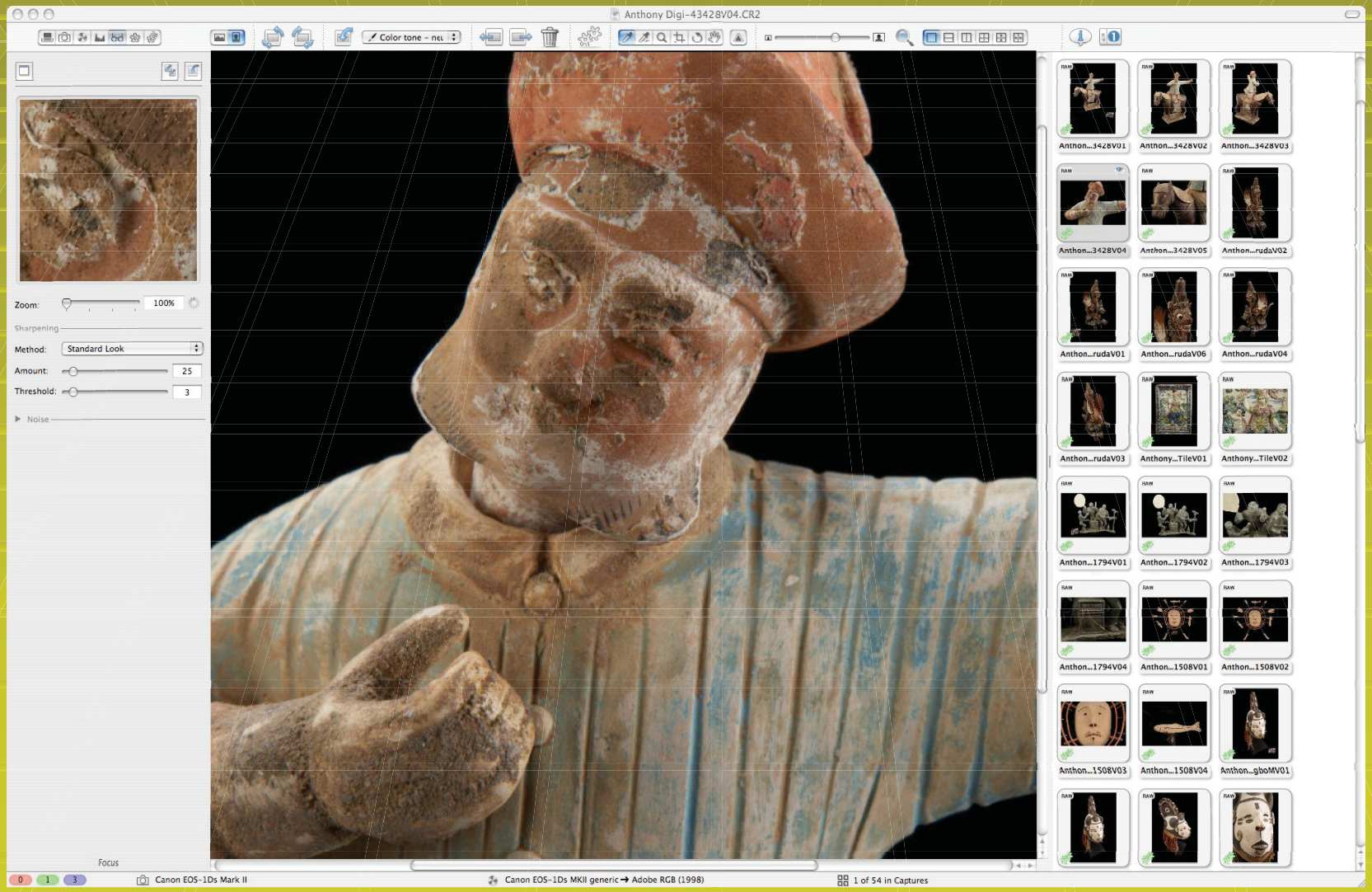
©Jessica Bushey/MOA

Capture One - Colour Target



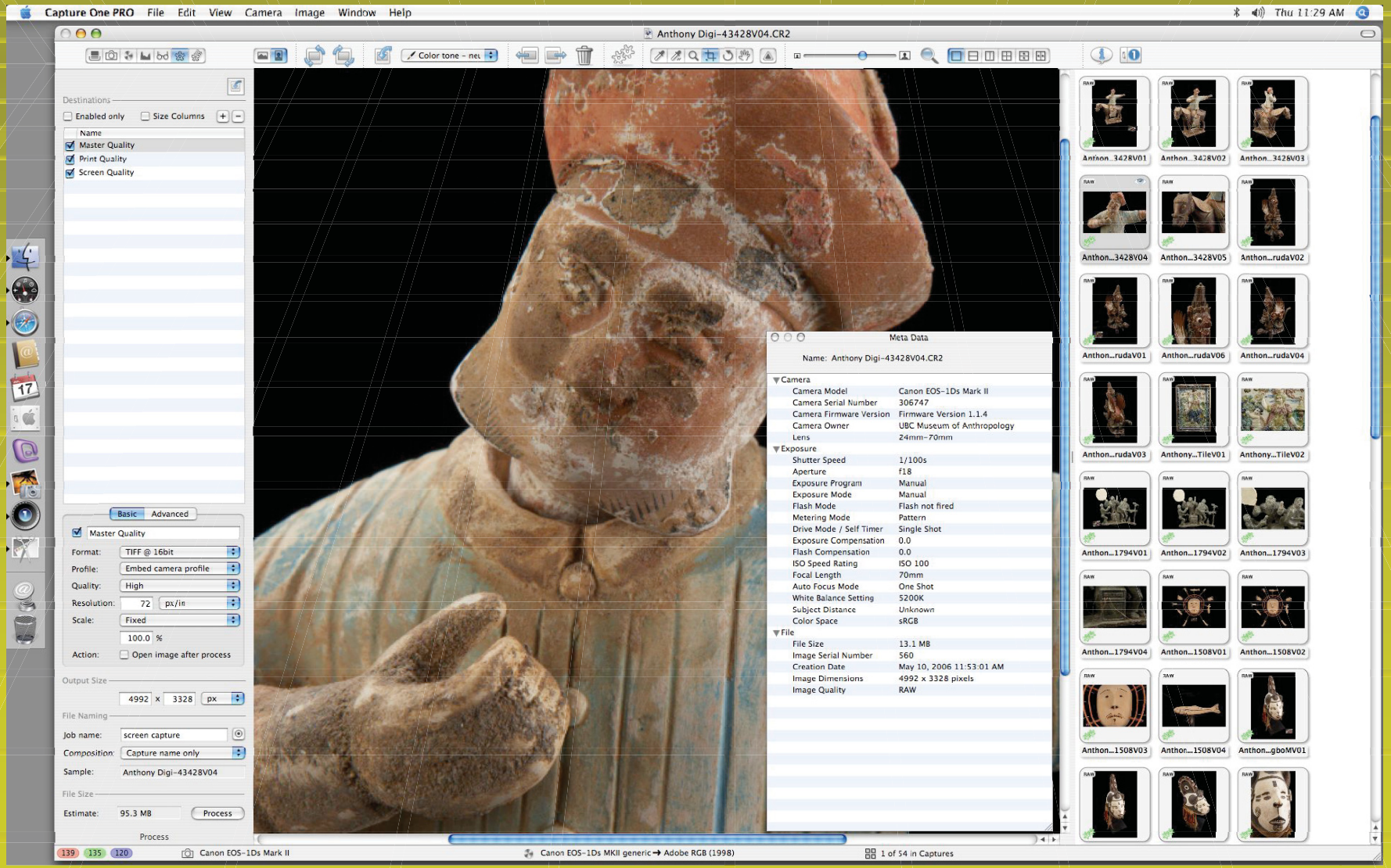
©Jessica Bushey/MOA

Capture One - Focus



©Jessica Bushey/MOA

Capture One - Metadata



©Jessica Bushey/MOA

Image Example - Front View

©Digital UBC Museum of Anthropology
Photograph by Jessica Bushey, 2006

Image Example - Left View

Image Example - Object Back

©Digital UBC Museum of Anthropology
Photograph by Jessica Bushey, 2006

Image Example - Right View

Challenges Ahead for MOA

- Maintenance
- Security
- Access
- Long-term Preservation

Challenges Ahead for Artists

- File naming, Keywords, and/or Metadata to facilitate efficient and accurate access, management, and preservation of born digital images.
- File formats, storage media, storage hardware to facilitate access and dissemination of born digital images in the future.
- Documentation for the purposes of accurately reproducing a born digital image for exhibition, interaction, publication etc…

URLs of Interest

- InterPARES 2 project

http://www.interpares.org/ip2/ip2_index.cfm

- RRN

http://www.moa.ubc.ca/renewal/rrnoverview.php

- DOCAM [Documentation & Conservation of the Media Arts Heritage

http://www.docam.ca/

- Netherlands Media Art Institute

http://www.montevideo.nl/en/index.html

- Ludwig Boltzmann Institute - Media. Art. Research

http://media.lbg.ac.at/en/index.php