

<http://bit.ly/14R9FNR>

Whole drawer digitization:

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Background

- ArcGIS
 - Map of repository
 - Link to dbs
- Imaging
 - Hi-res is limited
 - Mobile & whole drawer
- Results
 - Browse-ability of large collection

Database options

Identify from: <Top-most layer>

- Inventory Status
 - 381
 - TMMColl3
 - ArcGIS
 - Moore
 - UTMicrofossils
 - Inventory
 - Specify
 - 382

Location: 722,166.009 4,283,648.456 Meters

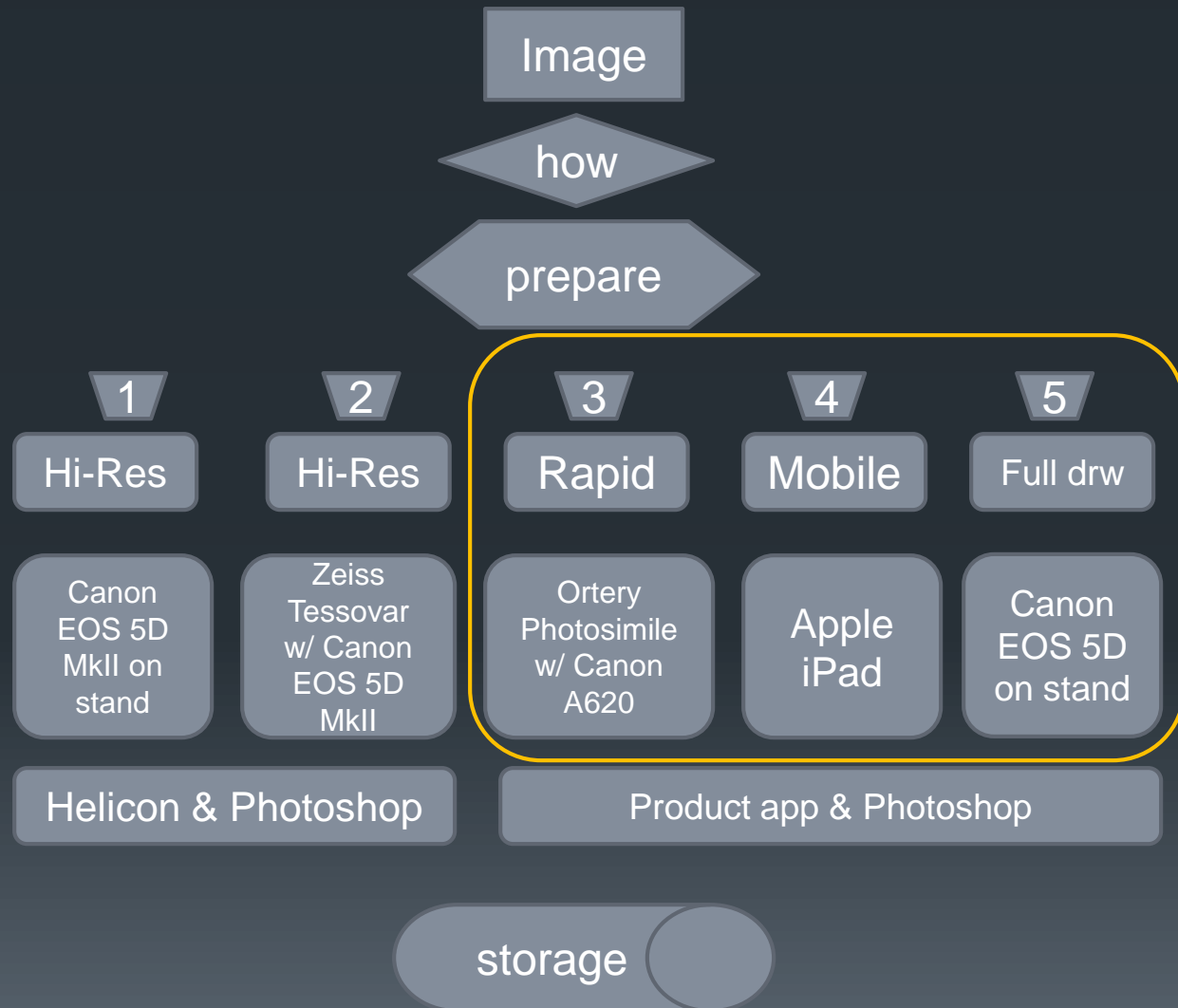
Field	Value
FID	400
Shape	Polygon
CAB_TEXT	381
CAB_NUM	381
CAGE	Southwest
Collection	
Notes	
Cab_Area	9.332092
Cab_Perim	12.665894
Cab_Width	4

Identified 2 features

Image flow

9/1/2013

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Basic imaging

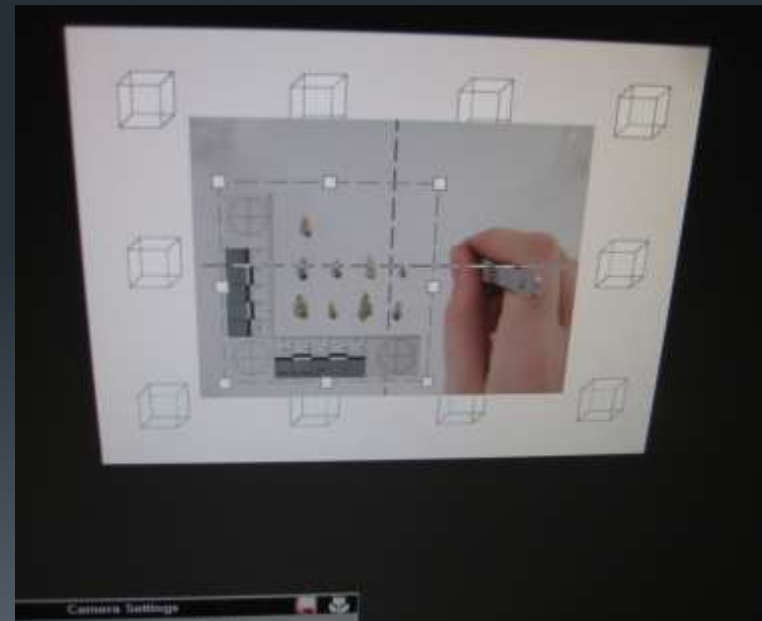
9/1/2013

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Stationary Photosimile light box

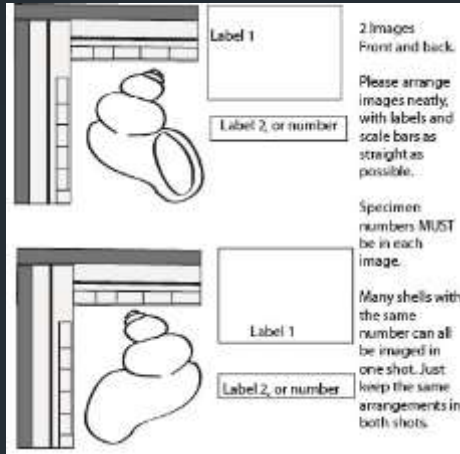


Standard format



Basic imaging

Basic reference + label



Minimal processing



- Label text is legible: Specimen detail adequate: Thumbnails for drawers

In situ imaging flow

9/1/2013

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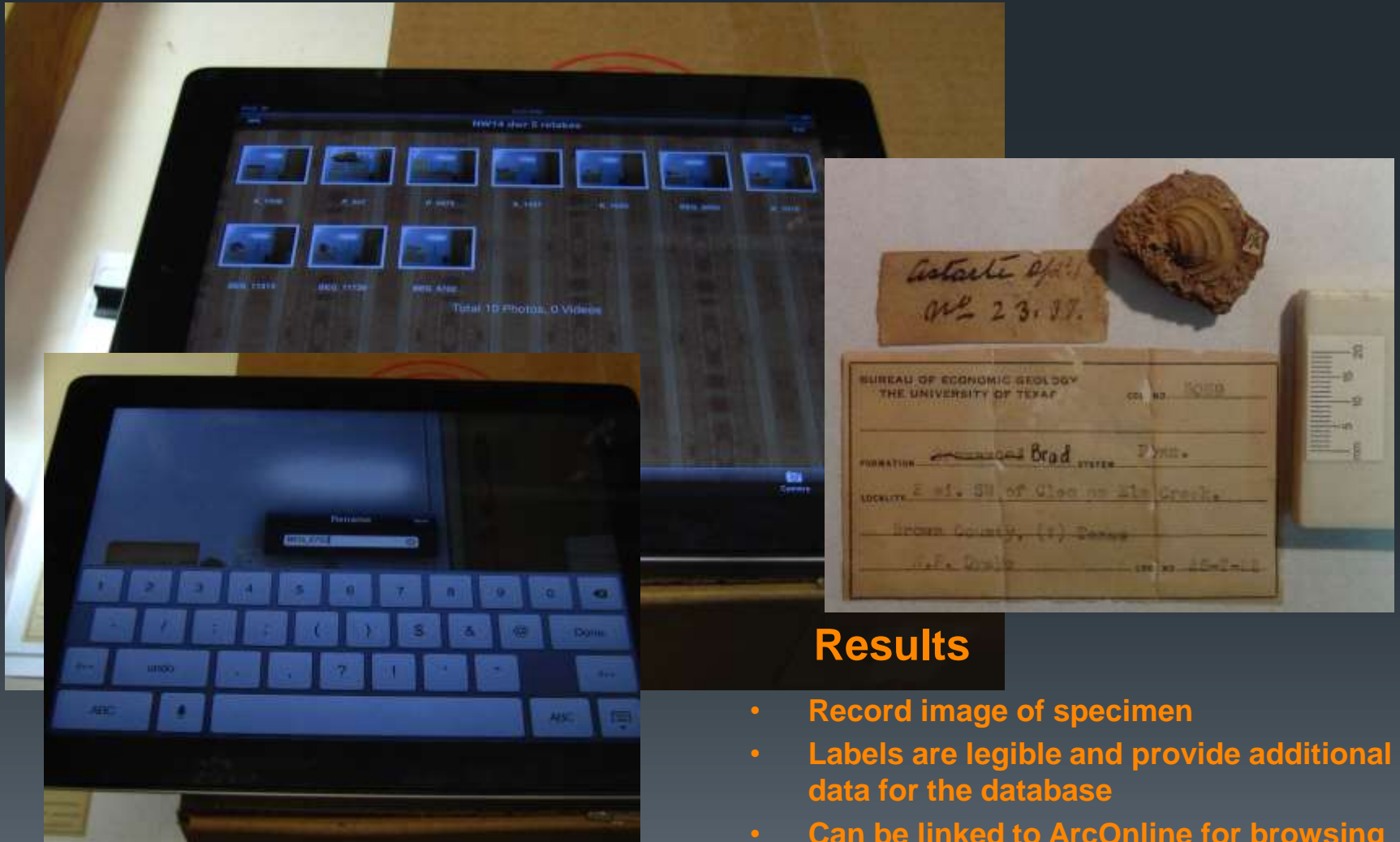
Inventory-observe-image



In situ imaging

9/1/2013

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Results

- Record image of specimen
- Labels are legible and provide additional data for the database
- Can be linked to ArcOnline for browsing

In situ imaging

9/1/2013

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Basic inventory in situ

- Select drawer
- Clean and conserve specimens
- Count specimens
- Complete inventory sheet
- Print large specimen #'s

Basic drawer imaging

- Image whole drawer
- With specimen #'s*
- Link to ArcOnline for browsing

Basic specimens imaging

- Select drawer
- Remove specimen from bag
- Flatten labels beneath glass
- Add specimens
- Image using iPad
- Bag historic labels
- Return drawer
- Attach image files to Specify record
- Create thumbnails to form 'drawer'**
- Link to ArcOnline for browsing

Bottom line

9/1/2013

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- Imaging
 - Basic imaging- 30 per hour [varies 9-17 vial lots per hour]
 - Mobile imaging-17 lots per hour
- Results
 - Both provide a means to have drawer images for browsing in line
 - Both capture label data not yet in any digitized catalog
 - Can be linked to the database and to the ArcOnline system for offsite browsing and simple querying.



Flow rate

ArcGIS - Non-Vertebrate Paleontology Laboratory

NEW MAP SIGN IN

Basemap Save Share Print Measure Bookmarks Find address or place

About Content Legend

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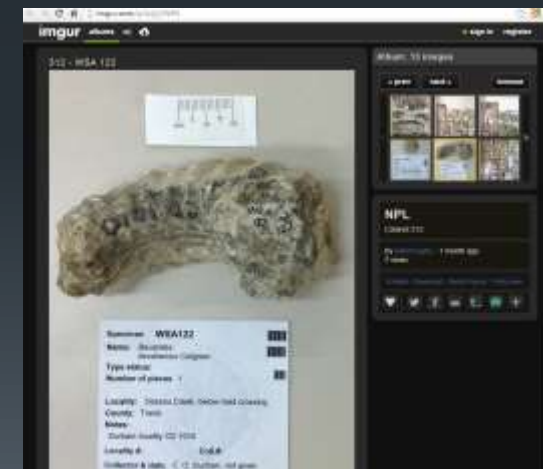
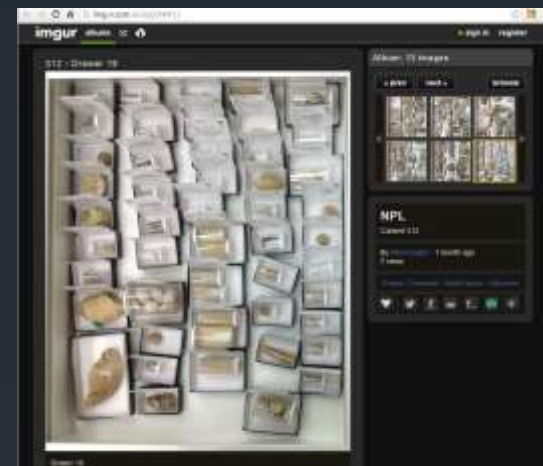
- Cabinet 312 1
- TAGSurv
- PRC122
- fossbam 1
- Imagery with Labels

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TAGSurv (46 features, 1 selected)

ID	Autocumber	Specimen #	Cabinet #	Drawer #	Taxon	Locality	County
1,097	1,122	13,737	312	19	Ringicula sp.	Pecan Sta. Road	Travis
1,163	1,188	13,736	312	19	Porocystis globularis	Sandy Ck. at Volente, ,	Travis
30,023	35,480	13,858	312	19	Misc. fossils	Walnut Ck.	Travis
31,276	36,777	13,761	312	19		From	Travis

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Does it fit our Goal?

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