

# Photography in the Field

## Protocols for Image Capture and Data Recording

For every image that is captured and to be submitted to the Research Department's Network Drive (referred to as Q Drive from here on), it is the crucial responsibility of the photographer to record information that describes the image (metadata). It is the responsibility of the project leader to assign the duty of image processing.

There are 4 cameras that can be used in the field. AW130 and TG-5 are the preferred models to be used, as they are GPS enabled



Nikon COOLPIX AW130



Olympus TG-5

## Preliminary Actions

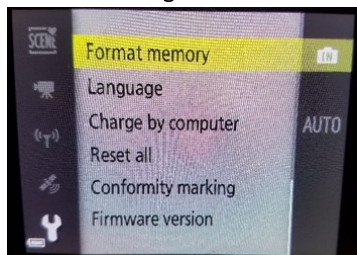
**\*\*Assumes that images from previous events have been submitted to Q Drive\*\***

### Prior to leaving for the field

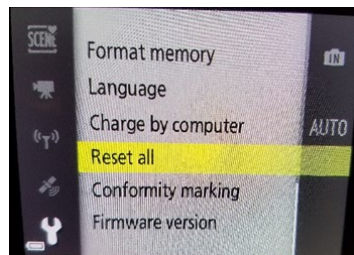
- Clear Camera Memory
- Reset Image Numbering
- Turn on Record Location Data
- Assure that the Time and Date Are Correctly Set

### AW130

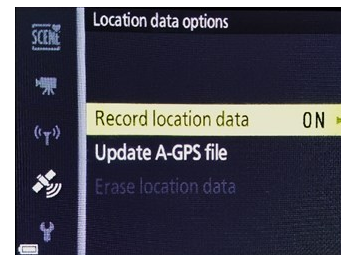
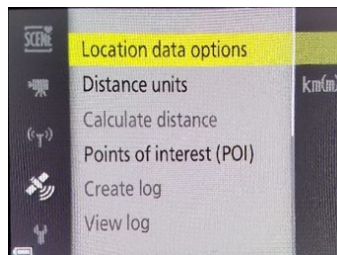
Use the Menu button to select **Set Up/Format Memory** to erase all images on camera



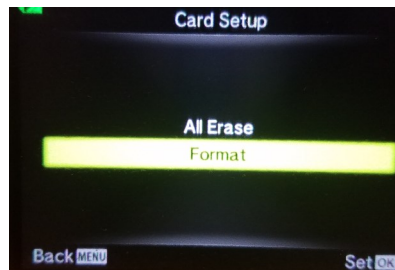
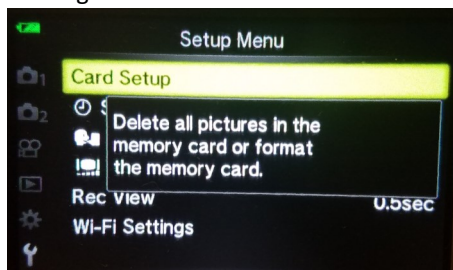
Use the Menu button to select **Set Up/Reset All** to reset the image numbering



Use the Menu button to select **Location Data Options/Record Location Data** and set to ON

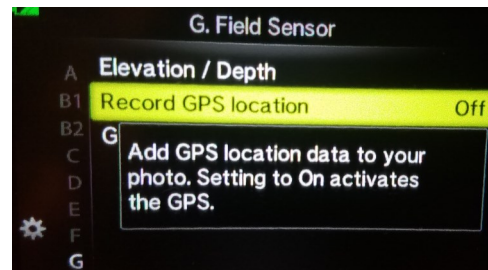


Use the Menu button to select **Card Setup/Format** to erase all images and reset numbering on camera



### TG-5

Use the Menu button to select **Record GPS Location** and set to ON



**IMPORTANT:** For the TG-5, turn on the camera and give the GPS time to connect. The GPS ICON will stop blinking when it is able to record data

## In the Field

The photographer shall record the relevant information as they take pictures.

**Communication between the photographer and the primary collector is crucial to ensure images and recorded information correspond with their subjects**

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To view the image number on camera

### AW130



### TG-5



**Record the following in the Field Image Data Recording Notebook**

- Date
- Image Numbers (Range)
- Trip Name
- Photographer Name
- Location/Site Name
- Image number and corresponding information such as
  - Collector and collector number
  - Long term monitoring Tag Number
  - Species depicted, image description, etc.

## Field Image Data Recording Notebook Example Pages

### Voucher Collections

Date	8-15-2016	
Image Numbers	001-010	
Location/Site Name	Phillips County-Site A	
Trip Name	Flora of Phillips County	
Photographer	Jan Wingate	
Species Depicted		
Image #		
1	habitat	
2	habitat	
3	Jan # 535	
4	Jan # 536	
5	Jan # 538	
6	habitat	
7	staff	
8	Jan # 539	
9	Jan # 540	
10	Jan # 540	

Image #      Collector      Collector #

### Demographic Monitoring

Date	7-9-2016	
Image Numbers	053-057	
Location/Site Name	Powerline	
Trip Name	Sclerocactus glaucus Demographics	
Photographer	Margo Paces	
Species Depicted		
Image #		
53	Segl 4738	
54	Segl 4739	
55	habitat	
56	staff + habitat	
57	Artemisia filifoliosa	

Image #      Tag ID number  
on plant that is  
monitored

### Miscellaneous

Date	6-25-2016	
Image Numbers	638-644	
Location/Site Name	Chatfield Transect # 7	
Trip Name	Chatfield Restoration/Vegetation Monitoring	
Photographer	Katherine Fu	
Species Depicted		
Image #		
638	Populus deltoides	
639	Prunus virginiana	
640	Salix interior	
641	Katherine Fu # 38	
642	Katherine Fu # 39	
643	Stream + habitat	
644	Katherine Fu # 40 Seeds collected Andropogon gerardi	

Image #      Image description

## Note

The end goal here is to associate an image with either the specimen or the site that depicts. Please record enough information so that during post processing this can be achieved. As the photographer be sure to communicate with the rest of the team to ensure accuracy of **COLLECTOR NUMBERS** and **consistency of SITE NAMES**. Don't fret over images that don't turn out, simply make note or cross through the image number. Take your time and have fun.