

Langerhans Lab Protocols

NC STATE UNIVERSITY

DRILL Overview:

Collection Broad Region:	State/Island/Province
Collection Narrow Region:	City, County, River Drainage, Island Region
Locality Description:	description of the site, information like the Site ID from the collecting trip
Collection Notes:	experiment or publication details, or catalogue ID from other museum
Collection ID:	5 digit ID prefaced with "C" designating unique collection events (distinct collections in time and space)
Collection Method:	Seine, dip net, minnow trap, angling
Specimen ID:	5 digit ID number for all unique specimens individually identifiable in the database (same as tissue ID in most cases); this will be catalogued with the prefix LLSTC in the main database
Animal Status:	preserved, live (when photographed)
Preservation Method:	10% formalin, 95% alcohol
Storage Liquid:	70% alcohol (specimens), 95% alcohol (tissue)
Container:	tube or vial
Image Type:	photograph, x-ray
Sex/Age Class:	Male/Female/Juvenile; for <i>Gambusia</i> , if $\leq 0.050g$ in weight, almost always recorded as juvenile
Image Perspective:	Dorsal/Lateral/Dorsal_Head/Gonopodium_Lateral/Ventral/X-ray_Lateral/HS_C-Start/HS_Steady/SS_C-Start
Image Folder:	Save in the following sequence of folders: Drill>Specimen_Image_Video>Family>Genus>Species>Collection ID>Image Perspective>Specimen ID
Image Filename	file name without extension unless not a .jpg file; often this is the number assigned (beginning with date) by EOS Utility
Video Type	HS C-start, HS Steady, SS C-Start
Specimen Notes	note abnormalities, missing fins, obvious conditions such as external parasites or late-stage pregnancy, "ate a mollusc" if shell is visible in gut in x-ray, if photograph not taken, size of cage for live photography, etc.
Shipped	if specimen was shipped to someone or on loan
Returned	X = specimen was returned from Shipped location
Determiner	Person who determined species; usually RBL
Cataloguer	Person entering data into DRILL; if someone else took the image, note their initials in parentheses e.g., "JW (x-rays by TL)"