

FLMNH IZ Digitization Workflow

Incoming Collections

Donated/Orphaned Collections

- Voucher specimens
- Largely dry specimens
- Data in spreadsheet, handwritten in files, or on individual labels

Fieldwork

- Voucher specimens/Photos/Tissue samples
- Largely wet (ethanol or formalin) collections
- Data in field entry sheet and/or spreadsheet



Date:	Station #	Project:	Specimen-vo		- 2			
BHKG	oustion 8	Morphospecies	ЕЮН НСНО	ucher	Tis	sue	Photo	WAR THE TOTAL CONTRACTOR OF TH
		(lowest taxon known)	(put course of each	look.	LUNIA	HNA	Photo	Notes
1302	SPINS-Y	Petrolicthes boses	19	X		columns	-	
1303	-	TIEBREST STARTER	3+2	Ŷ	X	1	X	released
1304			1	X	X	4	×	The Comments
1305		Dalathea secta	6	V	×	7	K	
1306			2	X	×	8	X	
1307	-	THEMPAULE - LOS	IV	-	14	- 2	X	0
1308			IV		17		1	Hetetopilumnus ciliatus D.F.
1309		Exempleides ornatus	V C\$14	1000	×		1	Trissipping destrates -6-
1310		Competes HK!	94		×		×	radii.
1311		Alphous striped	197	6	VM		40	for photod, I dans
1312		Ther parkalis	194		×	4	×	la The arthur and I d
1313		Athanas dimorphus	100		x	0.0	×	In The other one with (
1314		Areogagurisies #K-1	4 ×		Y	0000	×	releable
1315		D SULLEY MACADE	5v	0	Y		80	-1-
1316		Enguries accept			V		V	Thatamingieta
1317	66	Bagurus HKI		1	X	000	×	
1318		Lastodius new	3v		Y		K	released
1319		Lisso percellana sew	1	2	V	11	V	
1320	- 5	Antralian			-		1	Fixed dead
1321	100	Trechus	3.3		-V		V	Largeye supempled
1322	100	Trachidas UKI Corr	1 34		*Y	-	×	tod sperimen wonte
1323	100	Tradition HKI (ap)	4+2	_	V	- 7	V	
1324	100	Semele sineasis	1114			- 01	V.	Clancelus denticulature
1325		Cuernen aracilis	1		4	-	V	The state of the s
1326	-	Cypraen gracilis	2		1	-	X	
1327		Suna lohans	1		×	-		larger substances of Freeze
1328		Cerothium	4	- 12	V		Y	
1329		Turbe	1		V		1	
1330	10	Diagones		5	100		200	
1331	12.0	Engine Hermalian	70	6	4.50	- 2	X	
1332	100	Engine servanian		0.0	V		× 1	
1333		There eight HKI (480)		50.00	V	-	V	
1334		Caldia pica		97. 19			X	
1335		often Lepidosona Grecaica	2	11 (1	W		V	
1336	- 19	Ergalatas contracta	10	-	X		X	HILLARIN
1337		Mittella avena	3		V		Y	
1336		Emplies uprings Jeneral	2	_	v		V	
1339		R-ghiphell's Sugareta	2	-		_	×	
1340	DESKE SO	Operates Series	2 %	-	X.	_	70	ede-kd
13410	Self-Self-Self-Self-Self-Self-Self-Self-	Emplies morning Reports Report of the property of the propert		-	V	_	V	
1343	77.00	Cincil alog action? concerning	COLUMN TOWNS	_	V	-	Y	Engs are subsampled
1344		Colotte Will or Excel		-	V	-		NAME AND ADDRESS OF THE OWNER, TH
1345	41	Souther States	-		V	_	V	
1346		C - SPECIES	LE 22+16		×	-		Tropi me subscripted.
1347		Mala a las a		_		-	×	7 7
1348	- AL	Petrolipes Coscii	2×	-	×	_	×	released
1349	100000	Limera basels	4-3		3	-	X	released
1350	200	The dies everni	9.34		x	_	×	
1351	217	A Second	2.	_	3	_		released
1352 6	W 75	hotosodes mututes Learnates?	1 (24)		1		3	released
1353	20.75	Saletaribal	100		0		~	
1354		Nese dan	-		7		V	
1356		F44.22 A					V	
1356		Thre bellidae	10		Y		0	
1357		Crabe Lide	10		V		V	
1358	1		Ne		7		20	got frequent - by DNP-ly
1350		-125	12		7		*	The state of the s
1,020	-	- woode	-		7		-	

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PERSONAL CATALOG NUMBER	STANDARD CATALOG NUMBER	IDENTIFICATION (Genus, species and surface)	LOCALITY DATA
456	764	BUSYCON CONTRARIUM (CONRAD, 1840	PLORIDA : BLIND PASS BULL SANGRE &
457		Survey com	FLORIDA: BUCK KEY CHANNEL OFF
458		CONNE FRARIUS STAGNETICUS CLANORS	CAPTINA ISLAND, WELLEN PART OF STATE CAPTINA TRANSPORT STATE CAPTINA TRANSPORT CAPTINA THAN SAME FLORIDA PINE THAN SAME CON CAP THORIDA PINE THAN SAME CON CAP THE CAPTINA THAN SAME CON CAPTINA CONTROL PINE THE CAPTINA THAN SAME CONTROL PINE THE CAPTINA T
459		W	FLORIDA: PING ITEAND SAUND @ W. ONE
2 Bases			
460		MELONGENE GORONA ALTISPIKA PILEBRY & VANATTA 1939	FLORIDA W. and BUCK KEY CHANNEL
2 Boxes		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PROPERTY OF BROKE KEY CHANNEL THE SHOPE AND THE STATE OF THE STATE OF BROKE KEY CHANNEL FOR FLORIDATE WE CHANNEL FROM CHANNEL FOR THE STATE OF THE S
461 2 8 over		FASCIDEARIA TULIPA (LINE, 1758)	cine Time Island Samuel and Channel &
96Z		And the second s	FLORIDA: W. and of Buck Kow CH & chie
		BUSYCON CONTRARIUM (CONRAD, 1840	of Pome Tre Source nearer Buck Key Current FLORIDA: off BALLATT KET,
463		TELLINA RADIATA LINNÉ, 1758	FLORIDA KEYS FLORIDA: Edge Gaussenry-bridge beday KEY
464		CYPRAGA CERVUS LINNE, 1771	WEST (STOCK ESLAND) & BOLA CHICA FEY
465		CETPTOPECTEN (+ GLORI PALLIUM) PALLIUM (LIMMÉ, 1758)	PHILIPPEANS: MACTAN CHANNEL, CERL
466		STROMBUS COSTATUS GARLIN, 1791	FLORIDA: CONTENT KEYS FLORIDA KEYS
467		CYPERAGA CERYUS LINNE, 1771	FLORISM MOLASSAS Key, of HAMATHON
468	-	CYPRAGA ZEBRA LINING, 1758	FLORIDA: SOMBRERO REEF OF HARATHON
469		STEOMBUS GIGAS LINNE, 1758	FLORIDA OFF MARATHON ON KEY WALA
470		CYPEREN SPURIA MICHIARIS GOVERN, 1791	FLORIDA: SOMBRERO REEF OF MARATHON
471		Acquirected Muscosus (Wood, 1828)	FLORIDA: 15 mi of CEDAR KEY, LETY Co, in GOLF
472		EXPENSA CINEREA GMELIA, 1741	FLORIDA JONGRERO ROLF OFF MARATHON NEW YORK W. END JONGS BEACH & SWOOT
473		MYTICUS EDULIS LINNE, 1758	BEACH beride Fishing Station, BASTAU CO. L.T. NEW YORK: W. and JONES BEACH & STORT
474		MERGENARIA MORCENARIA (CINNE, 1758)	Beach beride Fishing Station, Narine Co, L. I.
475		MACOMA BALTHICA (LINNE, 1758)	NEW YORK: JOHN BEACH S.P. MASSING CO. LT. BAHAMAS: In case across road from
476		EURCRITA PURA (LINNÉ, 1767)	ferry terminal to HARBOUR I'M on N. ELECTROCKA BAHAMAN I'M LOVE METER FOR from ferry terminal
477	- 1		12 to HARBOUR TIL, ON NORTH ELECTROCK
478	- 8	BATILLABIA MINIMA (GOLELIN, 1791)	to HARROUR ITE. ON NORTH ELECTROPH BAHAMAS! N.W. of town of GRESSEY
479	- 1	CANTHOPLEURO SERVULATA GARLIN, 1790	TOWN, W. ((ex) side of wland M. Electrocke BAHAMAS: FOLDEN CAN BEACH, + 7 min. of
480	-	PARRATIO CANCELLARIA (LAMARCK, 1874)	BREEZERY TOWN, OL ELEWINERA, WEST COAST BREEZERY CAY BEACH, & Soil a d
481	-	ina ECARRA (BORN, 1778)	BREGORY TOWN, N. SCHUTTERA, WEST STATE SANDE
482	4	REA THERISATO BRUSHIERE, 1789	BARRAMAS: BOLDEN CAY BEACH, + 5 M
193	4	STARIUM PICA (LINNE, 1758)	A. of GREGORY TOWN, N. ELEWTHERM, W. Shore. BAHAMAS: GOLDEN CAY PEACH, - 7 m a st
184	7	NETADA IMBRICATA RODING, 1248	BARAMAS GOLDEN CAY BEACH, - Fmi a of
485	6	MENTICARDINUS CARVISATUM (LINNE, 1758)	GREGORY Town, N. ELENTHERS, WEST Share
			THE RESERVE THE PARTY OF THE PA





Basic Workflow for bulk cataloging

- 1. Specimens assigned UF Catalog number
- 2. Information for specimen entered into spreadsheet
- 3. Data in spreadsheet parsed into Specify-digestible formats and proofed
- 4. Records imported into Specify using Workbench



Specimens assigned UF Catalog number

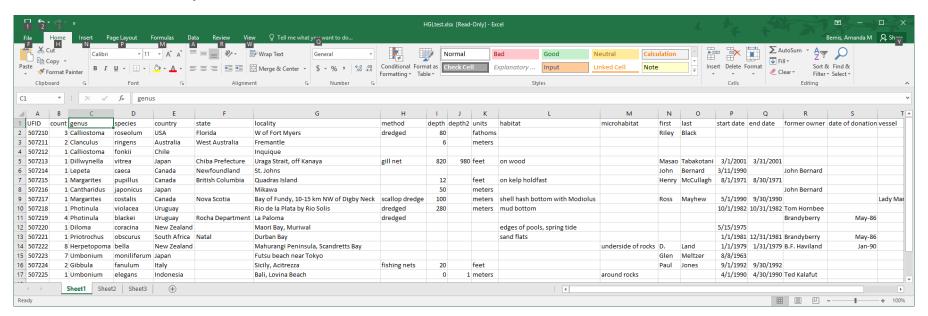






Information for specimen entered into spreadsheet

- Fields created as data types encountered
- Data not easily categorized go in "notes" to be parsed later
- Average rate of entry 2 min per specimen
- Can be done by volunteers or students





Step 2 cont.

Information for specimen entered into spreadsheet

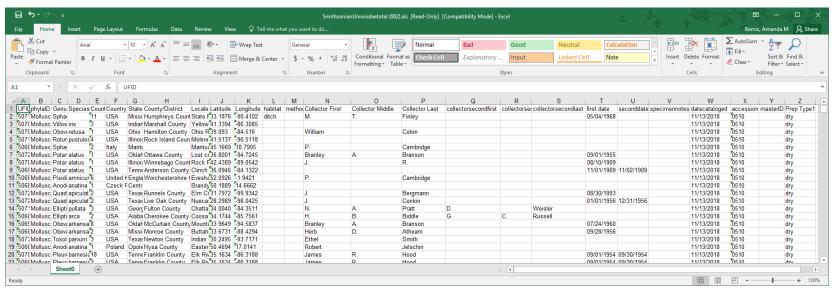
- Organization of specimens allows more rapid entry by copying fields
- Station data when available greatly speeds entry





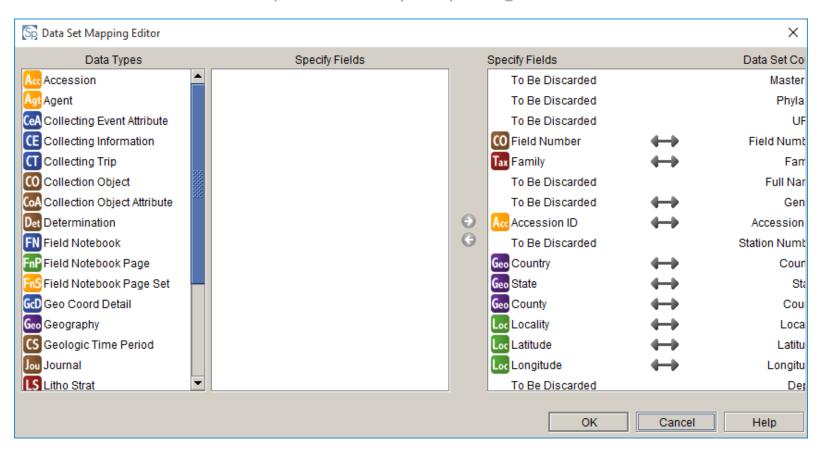
Data parsed and checked for accuracy

- Fields parsed into Specify-digestible format
- Taxonomy checked and verified, partly with WoRMS Match taxa tool
- Geography checked and verified
- Usually done by permanent staff





Data imported into Specify using Workbench





Enjoy the fruits of your labor







Fieldwork Processes















Tissue Samples

- Tissues have half of field label, vouchers have the other
- Managed separately by UF GRR
- Linked to tissue prep on collection object in Specify via autoassigned GUID







Specimen Photos







- Animals photographed with field number
- Photos assigned unique photo number
- Photo numbers linked to voucher via field number
- Photos uploaded to Specify via catalog number (linked to field number)









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