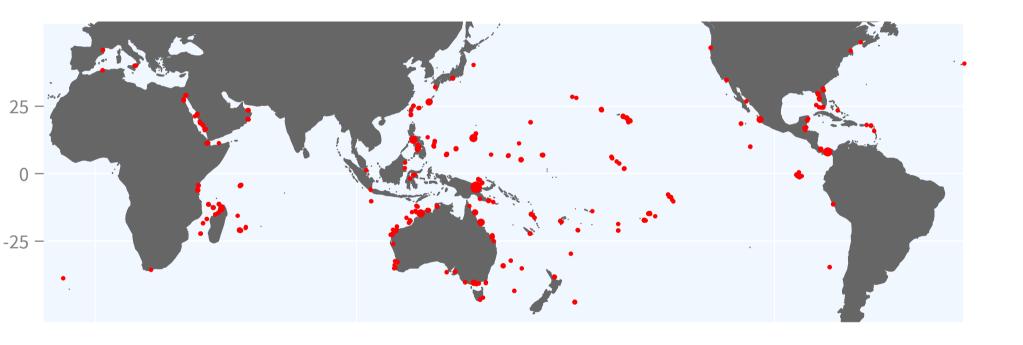
Efficient workflow from collection to cataloging for marine invertebrates

François Michonneau iDigBio / Division of Invertebrate Zoology Florida Museum of Natural History

What do we do?

- All taxa inventories
- Capture as much diversity as possible

Where do we do it?









Challenges

• Time

- Underwater
- Samples get anoxic quickly
- Lots of specimens
- Rarity of interesting species
- Taxonomic resolution

- Collecting
- Station number attribution
- Sorting
- Specimen number attribution
- Photographing
- Subsampling
- Relaxing
- Fixating
- Cataloging





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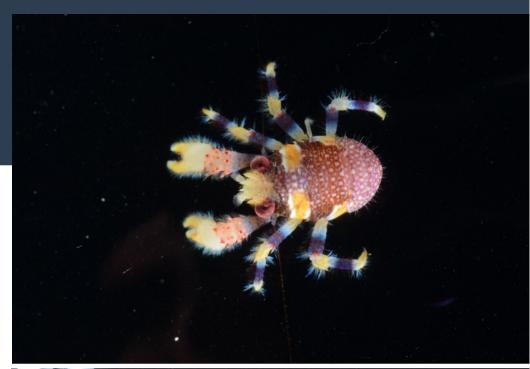
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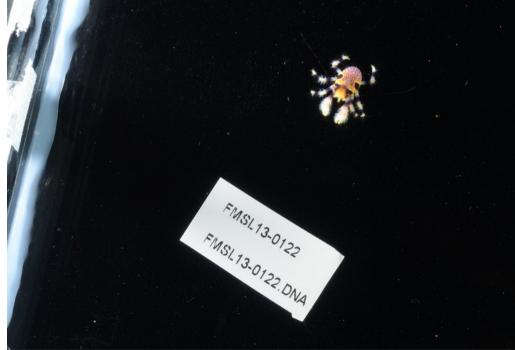
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Datas (B	-10-18	Project: (ines		Entered by:						
Date:	Station #	Morphospecies	Photo	Tissue	Voucher	Notes				
FMSL13		(lowest taxon level)	✓/N		√/N	(count, microhab, assoc, fix				
1	1	dicepoda	N	N						
2	1	Australium	N	N	/					
3		a mocorna	N	N	-					
4	-	The a william	N	N						
5		Calatheidse	X	X	/					
6	-	Catona	X	X	/					
7	1 3	Algheiden Galatheides	1	2	/					
8	3 3	Calatherdae		X	/					
9	3	Pota (Sthe	1	1						
10	3	Pillinnidae	×	1						
1	1 3	san		-	-					
13	2 3	Petitolithes			-					
1:	3 3	Trapition	1	-						
1	4 3	well string		1	-					
1	5		2	7	-					
	6 3	Petrolistas	- 1	-						
1		Paguroja		1	1					
	8	Majordea	-	1. ×	1					
	9	Petralisthes	-	1-1	17					
	0	Nudipromeh	-	- 2	/					
2	1	Swimp	-	1	1					



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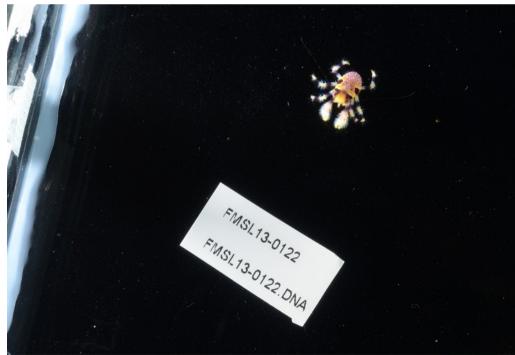


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	A	В	D	E	F	G	Н		J	K	L	M	N	0	P
8	Cor₹	Field_# ▼	Taxon	UF_II ▼	Phylum 🔻	Current ID	id_confid ▼	counts	→ mo →	id_cc ▼	morphosp_matc ▼	on loan 🔻	ID_ ▼ s	tation_numl =	P → Ph
79	2278	FMSL13-2270	Galathea tongi	41357	Arthropoda	Galathea tongi			2	,			G Pau S	SLI13_ST106	
30	2279	FMSL13-2271	Galathea pilosa complex	40755	Arthropoda	Galathea pilosa	complex						G Pau S	SLI13_ST143	
31	2280	FMSL13-2272	Galathea tongi	41358	Arthropoda	Galathea tongi	1						G Paul S	SLI13_ST22	
32	2281	FMSL13-2273	Galathea	40765	Arthropoda	Galathea					10		G Paul S	SLI13_ST43	
33	2282	PMSL13-2274	Thalamita cooperi	41969	Arthropoda	Thalamita cooperi							G Pau S	SLI13_ST86	8 8
34	2283	FMSL13-2275	Sadayoshia edwardsii	41359	Arthropoda	Sadayoshia edwardsii					g (c)		G Paul S	SLI13_ST43	
35	2284	FMSL13-2276	Galathea tongi	41360	Arthropoda	Galathea tongi							G Pau S	SLI13_ST43	0 0
36	2285	FMSL13-2277	Lybia	40710	Arthropoda	Lybia							G Paul S	SLI13_ST13	
37	2286	FMSL13-2278	Saron	41361	Arthropoda	Saron							G Paul S	SLI13_ST86	
38	2287	FMSL13-2279	Periclimenes s.l.	40905	Arthropoda	Periclimenes	sensu lato						G Paul S	SLI13_ST86	
39	2288	FMSL13-2280	Amphipoda		Arthropoda	Amphipoda							G Paul S	SLI13_ST86	0 0
90	2289	FMSL13-2281	Tweedeia odhneri	41362	Arthropoda	Tweedeia odhneri							G Paul S	SLI13_ST86	
91	2290	FMSL13-2282	Galathea tongi	41363	Arthropoda	Galathea tongi							G Paul S	SLI13_ST86	8 8
92	2291	FMSL13-2283	Galathea pilosa complex	40733	Arthropoda	Galathea pilosa	complex				0		G Paul S	SLI13_ST86	
93	2292	PMSL13-2284	Petrolisthes nashensis?	41970	Arthropoda	Petrolisthes nashensis?	?						G Paul S	SLI13_ST13	
		EL 101 10 000E	24 11.1	40044									0.0	1110 0710	

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- Send images to experts for identification
- Always use same spreadsheet template
- and more...

