Cruise Specimen Report

Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used

EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer

Dive ID	Dive	Date		Dive Site N	ame				
DIVE01	11/30	/2017		South Re	ed				
Primary Specimen	EX1711_20171130	T172531_D2_DIV	E01_SPEC01BIO	Specime	Type BIO	Collection D	ate/Time (UTC)	20171130T172	2531
Field Identification	LACE BRYOZOAN			Field Ide	ntification By:	Diva Amon			
Identification Remar	ks:								
Latitude	24.650 Longitude	-83.910	Depth (m)	790.0 Tem	p (C)	6.080 Salinity	34.900	Oxygen	4.620
Specimen Count	1 Size Cat 11	- 50 cm W	eight (kg)	Condition		Other Notes			
Repository SNN	1NH	Accession #		Catalog #		Туре	Status		
Preparation 95e	toh								
Primary Sub Sample	FX1711 2017113	30T172531 D2 D	IVE01_SPEC01BIO	S01 Re	pository OG	L	Vial Number	908	
Recipient		,011,2331_52_5			cip Organization			300	
Primary Specimen	EX1711_20171130	T182054 D2 DIV	E01 SPEC02BIO	Specime	Type BIO	Collection D	ate/Time (UTC)	20171130T182	2054
Field Identification	carnivorous spong			ticilla <i>Field Idei</i>	ntification By:	Diva Amon			
Identification Remar									
Latitude	24.650 Longitude	-83.910	Depth (m)	734.9 Tem	p (C)	6.120 Salinity	34.900	Oxygen	4.580
Specimen Count	1 Size Cat 51-	-100 cm W	eight (kg)	Condition		Other Notes			
Repository SNN	1NH	Accession #		Catalog #		Туре	Status		
Preparation 95	etoh								
Duima anni Cirla Carranda	EV4744 204744	00T4020F4 P2 P	WE04 CDEC03210	504	anasitawa 22		Vial Number	026	
Primary Sub Sample Recipient	_	5U1182U54_D2_D	IVE01_SPEC02BIO		pository OG cip Organization		Vial Number	826	

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Cruise Specimen Report Cruise Title Cruise ID Cruise Start Cruise End Vehicle Used 12/21/2017 Deep Discoverer EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 Associate Specimen Specimen Type EX1711_20171130T182054_D2_DIVE01_SPEC02BIO_A01 BIO **Field Identification** Polynoidae Field Identification By: Polvnoidae **Identification Remarks:** Specimen Count Weight (kg) **Condition** Other Notes Size Cat < 10 cm Accession # Catalog # Type Status Repository SNMNH **Preparation** 95etoh Associate Sub Sample EX1711_20171130T182054_D2_DIVE01_SPEC02BIO_A01_S01 Repository OGL Vial Number 905 **Recip Organization** Recipient EX1711_20171130T182054_D2_DIVE01_SPEC02BIO_A02 Associate Specimen Specimen Type BIO Field Identification Polynoidae Field Identification By: Polynoidae **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) **Condition** Other Notes Catalog # Type Status Accession # Repository SNMNH **Preparation** 95etoh Vial Number Associate Sub Sample EX1711_20171130T182054_D2_DIVE01_SPEC02BIO_A02_S01 Repository OGL 906 **Recip Organization** Recipient

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Cruise Spe	ecime	en Repo	rt								
Cruise ID				Cruise Title			Cruise S	Start Cru	ise End	Vehic	le Used
EX1711	Gulf o	f Mexico (F	ROV/Mapp	oing)			11/29/	/2017 12,	/21/201	7 Deep Di	iscoverer
Associate Specime	en EX17	11_20171130Т	182054_D2_	DIVE01_SPEC02BI	O_A03	Specimen Type	BIO				
Field Identification	Oph	iuroidea			Field	d Identification By:	Ophiur	oidea			
Identification Rem	arks:										
Specimen Count	1	Size Cat < 10) cm	Weight (kg)	Condition		Other I	Votes			
Repository SN	IMNH		Accession	<i>‡</i>	Cata	log #		Type Status			
Preparation 99	5etoh										
Associate Sub Samp Recip	ple E	X1711_201711	130T182054_	D2_DIVE01_SPECC)2BIO_A03_S01	Recip Organ	epository nization	OGL	Vial	Number	907
Primary Specimen	EX17	11_20171130T	195641_D2_	DIVE01_SPEC03BI	O Spe	cimen Type BIO	Col	lection Date/Ti	me (UTC)	20171130	T195641
Field Identification	blac	k coral			Field	d Identification By:	Diva An	non			
Identification Rem	arks:										
Latitude	24.660	Longitude	-83.9	10 Depth (m)	699.5	Temp (C)	6.910	Salinity	34.900	Oxygen	4.120
Specimen Count	1	Size Cat 51-	100 cm	Weight (kg)	Condition		Other I	Votes			
Repository SN	IMNH		Accession	#	Cata	log #		Type Status			
Preparation 99	5etoh										
Primary Sub Samp Recipie		711_2017113	0T195641_D	2_DIVE01_SPEC03	BIO_S01	Repository C	OGL On	Vial N	umber	82	24
Primary Sub Samp		711_2017113	OT195641_D	2_DIVE01_SPEC03	BIO_S02	Repository S	NMNH on	Vial N	umber		

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Cruise Speci	men Repo	rt					
Cruise ID		Cru	ise Title		Cruise Start	Cruise End	Vehicle Used
EX1711 Gu	If of Mexico (I	ROV/Mapping	1)		11/29/2012	7 12/21/2017	7 Deep Discoverer
Primary Specimen E	X1711_20171130 ⁻	T201106_D2_DIVE	E01_SPEC04BIO	Specimen Type	BIO Collection	Date/Time (UTC)	20171130T201106
Field Identification	purple Acanthogo	rgia coral		Field Identification	on By: Diva Amon		
Identification Remarks:							
Latitude 24	.660 Longitude	-83.910	Depth (m)	692.5 Temp (C)	6.920 Salin i	ty 34.900	Oxygen 4.110
Specimen Count	1 Size Cat 51-	100 cm <i>We</i>	eight (kg)	Condition	Other Notes		
Repository SNMN		Accession #		C+1	Tva	e Status	
Sitivity Sitivity		Accession #		Catalog #	ı yı	e status	
Preparation 95eto		Accession #		Catalog #	17,	e Status	
	h		VE01_SPEC04BIO_:		y OGL	Vial Number	825
Preparation 95eto Primary Sub Sample Recipient	h	0T201106_D2_DI		S01 Repositor	y OGL anization		825 20171130T203543
Preparation 95eto Primary Sub Sample Recipient Primary Specimen E	h EX1711_2017113	0T201106_D2_DI ¹ 		S01 Repositor Recip Org	OGL anization BIO Collection	Vial Number	
Preparation 95eto Primary Sub Sample Recipient Primary Specimen E	h EX1711_2017113 X1711_20171130 Cladorhizidae spo	0T201106_D2_DI ¹ 		S01 Repositor Recip Org Specimen Type	OGL anization BIO Collection	Vial Number	
Preparation 95eto Primary Sub Sample Recipient Primary Specimen E Field Identification Identification Remarks:	h EX1711_2017113 X1711_20171130 Cladorhizidae spo	0T201106_D2_DI ¹ 		S01 Repositor Recip Org Specimen Type	OGL anization BIO Collection	Vial Number Date/Time (UTC)	20171130T203543
Preparation 95eto Primary Sub Sample Recipient Primary Specimen E Field Identification Identification Remarks:	EX1711_20171130 X1711_20171130 Cladorhizidae spo	OT201106_D2_DIVE	E01_SPEC05BIO	S01 Repositor Recip Org Specimen Type Field Identification	OGL anization BIO Collection on By: Diva Amon	Vial Number Date/Time (UTC)	20171130T203543
Preparation 95eto Primary Sub Sample Recipient Primary Specimen E Field Identification Identification Remarks: Latitude 24	EX1711_20171130 Cladorhizidae spot	OT201106_D2_DIVE	E01_SPEC05BIO Depth (m)	S01 Repositor Recip Org Specimen Type Field Identification 676.4 Temp (C)	OGL BIO Collection On By: Diva Amon 6.950 Salini Other Notes	Vial Number Date/Time (UTC)	20171130T203543
Preparation 95eto Primary Sub Sample Recipient Primary Specimen Field Identification Identification Remarks: Latitude 24 Specimen Count	h EX1711_20171130 X1711_20171130 Cladorhizidae spo .660	0T201106_D2_DIVE	E01_SPEC05BIO Depth (m)	Specimen Type Field Identification 676.4 Temp (C) Condition	OGL BIO Collection On By: Diva Amon 6.950 Salini Other Notes	Vial Number Date/Time (UTC) ty 34.900	20171130T203543
Preparation 95eto Primary Sub Sample Recipient Primary Specimen Field Identification Identification Remarks: Latitude 24 Specimen Count Repository SNMN	h EX1711_20171130 X1711_20171130 Cladorhizidae spo	0T201106_D2_DIVE	E01_SPEC05BIO Depth (m)	Specimen Type Field Identification 676.4 Temp (C) Condition Catalog #	OGL Identization BIO Collection On By: Diva Amon 6.950 Salini Other Notes Typ	Vial Number Date/Time (UTC) ty 34.900	20171130T203543

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen Specimen Type BIO EX1711 20171130T203543 D2 DIVE01 SPEC05BIO A01 **Field Identification** Madrepora Field Identification By: Madrepora **Identification Remarks:** Specimen Count Weight (kg) **Condition** Other Notes spec05 A05 would not come out of spec05 **Size Cat** 11 - 50 cm Accession # Catalog # Type Status Repository SNMNH **Preparation** 95etoh spec05 A05 would not come out of spec05bio A01 so preserved them both together in spec05bio A01 Associate Sub Sample EX1711_20171130T203543_D2_DIVE01_SPEC05BIO_A01_S01 Repository OGL Vial Number 828 **Recip Organization** Recipient Associate Sub Sample EX1711_20171130T203543_D2_DIVE01_SPEC05BIO_A01_S02 Repository SNMNH Madrep Vial Number Recipient **Recip Organization** Associate Specimen EX1711 20171130T203543 D2 DIVE01 SPEC05BIO A02 Specimen Type BIO Field Identification Ophiuroidea Field Identification By: Ophiuroidea **Identification Remarks:** Weight (kg) **Condition** Specimen Count Size Cat < 10 cm Other Notes Catalog # Type Status Repository Accession # SNMNH **Preparation** 95etoh

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Cruise Specimen Report Cruise ID Cruise Title **Cruise Start** Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 Associate Specimen Specimen Type BIO EX1711 20171130T203543 D2 DIVE01 SPEC05BIO A03 **Field Identification** Demospongiae pink sponge Field Identification By: Demospongiae pink sponge **Identification Remarks:** Weight (kg) **Condition Other Notes** Specimen Count Size Cat < 10 cm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh Associate Sub Sample Repository OGL Vial Number 829 EX1711_20171130T203543_D2_DIVE01_SPEC05BIO_A03_S01 **Recip Organization** Recipient Associate Specimen EX1711_20171130T203543_D2_DIVE01_SPEC05BIO_A04 Specimen Type BIO Field Identification Bathypsammia? Orange cup coral Field Identification By: Bathypsammia? Orange cup coral **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes Type Status Cataloa # Accession # Repository SNMNH **Preparation** 95etoh Associate Specimen EX1711 20171130T203543 D2 DIVE01 SPEC05BIO A05 Specimen Type BIO **Field Identification Eunice** Field Identification By: Eunice **Identification Remarks:** polychaete Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes spec05 A05 would not come out of spec05 Repository Accession # Catalog # Type Status SNMNH **Preparation** 95etoh A05 would not come out of spec05bio A01 so preserved them both together

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Cruise Specimen Report Cruise Title Cruise ID Cruise Start Cruise End Vehicle Used 11/29/2017 12/21/2017 Deep Discoverer EX1711 Gulf of Mexico (ROV/Mapping) Vial Number Associate Sub Sample Repository OGL EX1711_20171130T203543_D2_DIVE01_SPEC05BIO_A05_S01 910 Recipient **Recip Organization Associate Specimen** EX1711 20171130T203543 D2 DIVE01 SPEC05BIO A06 Specimen Type BIO Field Identification Field Identification By: Astrorhizacea Astrorhizacea **Identification Remarks:** foramenifera Specimen Count Size Cat < 10 cm Weight (kg) **Condition Other Notes** Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh EX1711_20171130T203543_D2_DIVE01_SPEC05BIO_A07 Associate Specimen Specimen Type BIO Field Identification Hydroid Field Identification By: Hydroid **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition **Other Notes** Catalog # Type Status Accession # Repository SNMNH **Preparation** 95etoh Vial Number Associate Sub Sample EX1711_20171130T203543_D2_DIVE01_SPEC05BIO_A07_S01 Repository OGL 909 Recipient **Recip Organization**

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Cruise Specimen Report Cruise ID Cruise Title **Cruise Start** Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 Associate Specimen EX1711_20171130T203543_D2_DIVE01_SPEC05BIO_A08 Specimen Type BIO Field Identification Chrysogorgiidae? Field Identification By: Chrysogorgiidae? **Identification Remarks:** Condition Specimen Count Size Cat < 10 cm Weight (kg) **Other Notes** Accession # Catalog # Type Status Repository SNMNH Preparation 95etoh

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Cruise Spec	imen Report					
Cruise ID		Cruise Title		Cruise Start	Cruise End	Vehicle Used
EX1711 G	iulf of Mexico (RO	V/Mapping)		11/29/2017	12/21/2017	Deep Discoverer
Dive ID	DiveDat	e	Dive Site Name			
DIVE02	12/1/20)17	Escarpment Canyon			
Primary Specimen	EX1711_20171201T15	4009_D2_DIVE02_SPEC01B	Specimen Type	BIO Collection	Date/Time (UTC)	20171201T154009
Field Identification	Sponge Cladorhizidae	e sp	Field Identification	By: Diva Amon		
Identification Remark	rs:					
Latitude 2	4.620 Longitude	-84.100 Depth (m)	2312.6 Temp (C)	4.350 Salinit	y 34.980	Oxygen 6.580
Specimen Count	1 Size Cat 11 - 5	0 cm Weight (kg)	Condition	Other Notes		
Repository SNM	NH	Accession #	Catalog #	Туре	? Status	
Preparation 95e	coh					
Primary Sub Sample	EX1711 20171201T	154009_D2_DIVE02_SPEC01	LBIO S01 Repository	OGL	Vial Number	830
Recipient	_		Recip Organ	ization		
Associate Specimen	EX1711_20171201T15	4009_D2_DIVE02_SPEC01B	IO_A01 Specimen T	ype BIO		
Field Identification	Polychaeta A		Field Identification	By: Polychaeta A		
Identification Remark	rs:					
Specimen Count	1	m Weight (kg)	Condition	Other Notes		
Repository SNM	NH	Accession #	Catalog #	Туре	e Status	
Preparation 95e						

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Cruise Specimen Report Cruise Title Cruise ID Cruise Start Cruise End Vehicle Used 11/29/2017 12/21/2017 Deep Discoverer EX1711 Gulf of Mexico (ROV/Mapping) Associate Specimen EX1711 20171201T154009 D2 DIVE02 SPEC01BIO A02 Specimen Type BIO **Field Identification** Polvchaeta B Field Identification By: Polvchaeta B **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes Catalog # Accession # Type Status Repository SNMNH **Preparation** 95etoh **Primary Specimen** EX1711 20171201T180514 D2 DIVE02 SPEC02BIO Specimen Type BIO Collection Date/Time (UTC) 20171201T180514 Field Identification Euplectellidae sp Field Identification By: Diva Amon **Identification Remarks:** -84.100 Depth (m) 2224.7 Temp (C) 4.350 *Salinity* Latitude 24.620 Longitude 34.970 Oxygen 6.540 Size Cat < 10 cm Weight (kg) Specimen Count **Condition Other Notes** Repository SNMNH Accession # Catalog # Type Status **Preparation** 95etoh **Primary Sub Sample** EX1711 20171201T180514 D2 DIVE02 SPEC02BIO S01 Repository Vial Number OGL 831 Recipient **Recip Organization**

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Cruise Speci	men Repo	יונ							
Cruise ID		Crui	ise Title		Cruise :	Start Cru	iise End	Vehicle L	sed
EX1711 Gu	ulf of Mexico (ROV/Mapping)		11/29	/2017 12	/21/2017	Deep Disco	verer
Primary Specimen	X1711_20171201	Γ183013_D2_DIVE	E02_SPEC03BIO	Specimen Type	BIO Co	llection Date/Ti	me (UTC)	20171201T183	013
Field Identification	Isididae maybe Ca	ribisis sp		Field Identificati	on By: Diva A	mon			
Identification Remarks	:								
Latitude 24	.620 Longitude	-84.100	Depth (m)	2219.8 Temp (C)	4.350	Salinity	34.970	Oxygen	6.540
Specimen Count	1 Size Cat 11	- 50 cm <i>We</i>	right (kg)	Condition	Other	Notes			
Repository SNMN	Н	Accession #		Catalog #		Type Status			
Repository SNMN Preparation 95eto		Accession #		Catalog #		Type Status			
	h		VE02_SPEC03BIO_S				umber	832	
Preparation 95eto Primary Sub Sample Recipient	EX1711_2017120			01 Repositor	anization		umber	832 20171201T190	455
Preparation 95eto Primary Sub Sample Recipient	EX1711_2017120	01T183013_D2_DI		01 Repositor Recip Org	anization BIO Co	Vial N	umber		1455
Primary Sub Sample Recipient Primary Specimen	EX1711_2017120 EX1711_20171201 EX1711_20171201 Corallium sp	01T183013_D2_DI		01 Repositor Recip Org Specimen Type	anization BIO Co	Vial N	umber		1455
Primary Sub Sample Recipient Primary Specimen Field Identification Identification Remarks	EX1711_2017120 EX1711_20171201 EX1711_20171201 Corallium sp	01T183013_D2_DI		01 Repositor Recip Org Specimen Type	anization BIO Co	Vial Number of N	umber		6.540
Primary Sub Sample Recipient Primary Specimen Field Identification Identification Remarks	EX1711_2017120 EX1711_20171201 Corallium sp :	D1T183013_D2_DIVE	E02_SPEC04BIO	01 Repositor Recip Org Specimen Type Field Identificati	BIO Co	Vial Note/Timon Salinity	umber ime (UTC)	20171201T190	
Primary Sub Sample Recipient Primary Specimen Field Identification Identification Remarks Latitude 24	EX1711_20171201 EX1711_20171201 Corallium sp : 620	D1T183013_D2_DIVE	Depth (m)	O1 Repositor Recip Org Specimen Type Field Identificati 2211.4 Temp (C)	BIO Co on By: Diva A 4.340	Vial Note/Timon Salinity	ime (UTC) 2	20171201T190	
Primary Sub Sample Recipient Primary Specimen Field Identification Identification Remarks Latitude 24 Specimen Count	EX1711_20171201 EX1711_20171201 Corallium sp : .620	-84.100 -50 cm	Depth (m)	O1 Repositor Recip Org Specimen Type Field Identificati 2211.4 Temp (C) Condition	BIO Co on By: Diva A 4.340	Vial Notes	ime (UTC) 2	20171201T190	
Primary Sub Sample Recipient Primary Specimen Field Identification Identification Remarks Latitude 24 Specimen Count Repository SNMN	EX1711_20171201 EX1711_20171201 Corallium sp :620	-84.100 -50 cm We	Depth (m)	O1 Repositor Recip Org Specimen Type Field Identificati 2211.4 Temp (C) Condition Catalog #	BIO Co on By: Diva A 4.340 Other	Vial Notes Type Status	ime (UTC) 2	20171201T190	

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Cruise Spe	cimer	າ Repor	rt .									
Cruise ID			(Cruise Title				Cruise S	tart	Cruise End	Vehic	le Used
EX1711	Gulf of I	Mexico (Ro	OV/Mapp	ing)				11/29/	/2017	12/21/201	.7 Deep D)iscoverer
Primary Specimen	EX1711_	_20171201T1	L92027_D2_[DIVE02_SPEC05	BIO	Specimen Ty	e BIO	Col	lection Da	te/Time (UTC)	20171201	T192027
Field Identification	Bathyc	rinidae				Field Identific	ation By:	Diva An	non			
Identification Rema	irks:											
Latitude	24.620	Longitude	-84.10	00 Depth (m)	22	09.3 Temp (C		4.360	Salinity	34.97	Oxygen	6.540
Specimen Count	2 Si	ize Cat 11 -	50 cm	Weight (kg)	Con	dition		Other I	Votes			
Repository SNN	MNH		Accession #			Catalog #			Type S	tatus		
Preparation 95	etoh											
Primary Sub Sample Recipien		.1_20171201	T192027_D2	_DIVE02_SPEC	05BIO_S01	Repos Recip	tory O	GL on	V	ial Number	9	11
Associate Specimen	EX1711_	_20171201T1	L92027_D2_[DIVE02_SPEC05	BIO_A01	Specia	nen Type	BIO				
Field Identification	Antedo	onidae				Field Identific	ation By:	Antedo	nidae			
Identification Rema	irks:											
Specimen Count	1 Si	ize Cat < 10	cm	Weight (kg)	Con	dition		Other N	Votes			
Repository SNN	MNH		Accession #			Catalog #			Type S	tatus		
Preparation 95	etoh											
Associate Sub Sampl	le EX1	711_2017120	01T192027 [D2 DIVFO2 SPE	COSBIO AO1	C01	Re	pository	OGL	Via	ıl Number	912

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen EX1711 20171201T192027_D2_DIVE02_SPEC05BIO_A02 Specimen Type BIO solitary hydroid **Field Identification** solitary hydroid Field Identification By: **Identification Remarks:** Weight (kg) **Condition** Other Notes Specimen Count Size Cat < 10 cm Catalog # Type Status Repository SNMNH Accession # **Preparation** 95etoh Associate Specimen EX1711_20171201T192027_D2_DIVE02_SPEC05BIO_A03 Specimen Type BIO Field Identification Sabellidae Field Identification By: Sabellidae **Identification Remarks:** Weight (kg) Condition **Other Notes** Specimen Count Size Cat < 10 cm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh EX1711 20171201T192027 D2 DIVE02 SPEC05BIO A04 Specimen Type Associate Specimen BIO Field Identification juvenile feather star Field Identification By: iuvenile feather star **Identification Remarks:** Size Cat < 10 cm Specimen Count Weight (kg) **Condition Other Notes** very small not sure if same species as other Repository SNMNH Accession # Catalog # Type Status **Preparation** 95etoh

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Cruise Specimen Report

Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used

EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer

Dive ID	Dive	Date	Div	e Site Name				
DIVE03	12/2	/2017	Ok	keanos Ridge				
Primary Specimen	EX1711_20171202	T181713_D2_DIVE	03_SPEC01BIO	Specimen Type BIC	Collection	Date/Time (UTC)	20171202T1817	13
Field Identification	Chrysogorgia sp			Field Identification By:	Diva Amon			
Identification Rema	rks:							
Latitude	25.680 Longitude	-84.620	Depth (m) 7	01.2 Temp (C)	6.260 Salin	<i>ity</i> 34.900	Oxygen	4.470
Specimen Count	1 Size Cat < 1	LO cm Wei	ight (kg) Con	dition	Other Notes			
Repository SNN	MNH	Accession #		Catalog #	Тур	pe Status		
Preparation 956	etoh							
Primary Sub Sample	EX1711 2017120	02T181713 D2 DI\	VE03_SPEC01BIO_S01	Repository	OGL	Vial Number	835	
Recipien	_			Recip Organizat	ion			
Associate Specimen	EX1711_20171202	T181713_D2_DIVE	03_SPEC01BIO_A01	Specimen Type	BIO			
Associate Specimen Field Identification	EX1711_20171202 Chirostylidae legs		03_SPEC01BIO_A01	Specimen Type Field Identification By:		legs		
	Chirostylidae legs		03_SPEC01BIO_A01			legs		
Field Identification	Chirostylidae legs					legs 2 legs only no body	У	
Field Identification Identification Remains Specimen Count	Chirostylidae legs			Field Identification By:	Chirostylidae Other Notes		У	

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Cruise Sp	oecime	en Rep	ort											
Cruise ID				Cruise Title				(Cruise S	tart	Cruise E	End	Vehic	le Used
EX1711	Gulf o	f Mexico	o (ROV/Mapp	ning)					11/29/	2017	12/21/	2017	Deep D	iscoverer
Primary Specime	en EX171	1_201712	02T190451_D2_	DIVE03_SPEC0	2GEO	Spe	cimen Type	GEO	Coll	lection Do	ate/Time (U	TC)	20171202	T190451
Field Identificati	ion lime	stone carb	onate			Field	d Identificat	ion By:	Diva An	non				
Identification Re	emarks:													
Latitude	25.680	Longitud	-84.6	20 Depth (m)		693.2	Temp (C)		6.340	Salinity	3	4.900	Oxygen	4.420
Specimen Count	1	Size Cat	11 - 50 cm	Weight (kg)	2.630 C	ondition			Other N	lotes ol	ld worm tul	bes left	on on roo	ck
Repository	OSU		Accession #	•		Cata	log #			Туре	Status			
Preparation														
Associate Specin	nen EX171	1 201712	02T190451_D2_	DIVEO3 SPECO	2GEO A01		Specime	n Type	BIO					
Field Identificati			istle worm)			Field	d Identificati			eta (bris	stle worm)			
Identification Re	,		,						7		,			
Specimen Count	1	Size Cat	< 10 cm	Weight (kg)	C	ondition			Other N	lotes				
Repository	SNMNH	-	Accession #			Cata	log #			Туре	Status			
Preparation	95etoh													
Associate Co. 1	EV4=4	4 204712	007400454 53	D.W. (502 CD 502)	2050 462		C i		D10	1				
Associate Specin			.02T190451_D2_	DIVE03_SPECO	2GEO_A02		Specime		BIO					
Field Identificati		sta sp				Field	d Identificat	ion By:	Acesta	sp				
Identification Re		 「												
Specimen Count		Size Cat		Weight (kg)	C	ondition			Other N	1		the spe	cimens a	re going in the
	SNMNH		Accession #			Cata	log #			Туре	Status			
Preparation	95etoh													

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Cruise Specimen Report Cruise Title Cruise ID Cruise Start Cruise End Vehicle Used 12/21/2017 Deep Discoverer EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 Vial Number Associate Sub Sample EX1711 20171202T190451 D2 DIVE03 SPEC02GEO A02 S01 Repository OGL 913 Recipient **Recip Organization** Associate Specimen EX1711 20171202T190451 D2 DIVE03 SPEC02GEO A03 Specimen Type BIO **Field Identification** Field Identification By: **Encrusting Sponge Encrusting Sponge Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) **Condition Other Notes** sponge broken in pieces Repository SNMNH Accession # Cataloa # Type Status **Preparation** 95etoh Vial Number Associate Sub Sample EX1711_20171202T190451_D2_DIVE03_SPEC02GEO_A03_S01 Repository OGL 836 Recipient **Recip Organization** Associate Specimen EX1711 20171202T190451 D2 DIVE03 SPEC02GEO A04 Specimen Type BIO Field Identification Polychaeta (medusa worm) Field Identification By: Polychaeta (medusa worm) **Identification Remarks:** Weight (kg) **Condition** Other Notes Specimen Count Size Cat < 10 cm Catalog # Type Status Repository Accession # SNMNH **Preparation** 95etoh

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Cruise Spec	imen Repo	rt							
Cruise ID		Cruis	se Title			Cruise Start	Cruise End	Vehicle U	Ised
EX1711 G	iulf of Mexico (F	ROV/Mapping)				11/29/2017	12/21/201	7 Deep Disco	verer
Associate Specimen	EX1711_20171202T	190451_D2_DIVE0	3_SPEC02GEO_A05	S	pecimen Type	ВІО			
Field Identification	Bryozaon			Field Ide	ntification By:	Bryozaon			
Identification Remark	s:								
Specimen Count	1 Size Cat < 10) cm Weig	tht (kg)	Condition		Other Notes			
Repository SNM	NH	Accession #		Catalog #	<i>t</i>	Туре	Status		
Preparation 95et	coh								
Primary Specimen	EX1711_20171202T	204110_D2_DIVE0	3_SPEC03BIO	Specime	n Type BIO	Collection I	Date/Time (UTC)	20171202T204	1110
Field Identification	Plexauridae			Field Ide	ntification By:	Diva Amon			
Identification Remark	rs:								
Latitude 2	5.680 Longitude	-84.620 L	Depth (m)	665.7 Ter	np (C)	6.650 Salinit	34.840	Oxygen	4.260
Specimen Count	1 Size Cat 11	- 50 cm <i>Weig</i>	ht (kg)	Condition		Other Notes	Original name put	into field ID was	s Paramuri
Repository SNM	NH	Accession #		Catalog #	•	Туре	Status		
Preparation 95et	:oh								
Treparation 93et									
Primary Sub Sample		2T204110_D2_DIVI	E03_SPEC03BIO_S0:	1 R	epository O)GL	Vial Number	834	

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	ecimen Repo						
Cruise ID		Cru	uise Title		Cruise Start	Cruise End	Vehicle Used
EX1711	Gulf of Mexico (ROV/Mapping	g)		11/29/201	7 12/21/201	7 Deep Discoverer
Dive II	D Divel	Date	Di	ve Site Name			
DIVE04	4 12/3	/2017	L	ong Mounds			
Primary Specimen	EX1711_20171203	3T180022_D2_DIV	E04_SPEC01BIO	Specimen Type	BIO Collectio	n Date/Time (UTC)	20171203T180022
Field Identification	Stylasterid			Field Identification I	By: Diva Amon		
Identification Remo	arks:						
Latitude	26.450 Longitude	-84.760	Depth (m)	401.8 Temp (C)	9.610 Sali ı	35.140	Oxygen 3.620
Specimen Count	1 Size Cat 11	1 - 50 cm W	eight (kg) Co	ndition	Other Notes	specimen has tras	sh on it some kind of plasti
Repository SN	MNH	Accession #		Catalog #	7.	pe Status	
				Catalog #	'''	pe status	
Preparation 95	Setoh			Catalog #		pe stutus	
Preparation 95 Primary Sub Sample	_		IVE04 SPEC01BIO S01	Repository	OGL	Vial Number	838
	EX1711_201712		IVE04_SPEC01BIO_S01		OGL		838
Primary Sub Sample	le EX1711_2017120 nt	03T180022_D2_D	IVE04_SPEC01BIO_S01	Repository	OGL ization		838
Primary Sub Sample Recipier	nt EX1711_2017120	03T180022_D2_D		Repository Recip Organi	OGL ization upe BIO		838
Primary Sub Sample Recipier Associate Specimen	nt EX1711_20171203 feather star	03T180022_D2_D		Repository Recip Organi Specimen Ty	OGL ization upe BIO		838
Primary Sub Sample Recipier Associate Speciment Field Identification	nt EX1711_20171203 feather star	03T180022_D2_D	E04_SPEC01BIO_A01	Repository Recip Organi Specimen Ty	OGL ization upe BIO		838
Primary Sub Sample Recipies Associate Speciment Field Identification Identification Remo	nt EX1711_20171203 feather star arks:	03T180022_D2_D	E04_SPEC01BIO_A01	Repository Recip Organi Specimen Ty Field Identification I	OGL Ization Ipe BIO By: feather star Other Notes		838
Primary Sub Sample Recipier Associate Specimen Field Identification Identification Remo Specimen Count Repository SN	EX1711_2017120 n EX1711_20171203 feather star arks: 1 Size Cat < 1	03T180022_D2_D BT180022_D2_DIV	E04_SPEC01BIO_A01	Repository Recip Organi. Specimen Ty Field Identification I	OGL Ization Ipe BIO By: feather star Other Notes	Vial Number	838
Primary Sub Sample Recipies Associate Specimen Field Identification Identification Remo Specimen Count Repository SN	EX1711_2017120 n	03T180022_D2_D BT180022_D2_DIV 10 cm	E04_SPEC01BIO_A01	Repository Recip Organi. Specimen Ty Field Identification I	OGL Ization Ipe BIO By: feather star Other Notes	Vial Number	838 Number 914

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen Specimen Type BIO EX1711 20171203T180022 D2 DIVE04 SPEC01BIO A02 **Field Identification** Field Identification By: anemone anemone **Identification Remarks:** Size Cat < 10 cm Weight (kg) **Condition** Other Notes Specimen Count Accession # Catalog # Type Status Repository SNMNH formalin buffered in seawater transferred to 95etoh after 48hrs **Preparation** Associate Specimen EX1711_20171203T180022_D2_DIVE04_SPEC01BIO_A03 Specimen Type BIO Field Identification Ophiuroidea legs Field Identification By: Ophiuroidea legs **Identification Remarks:** Condition Other Notes just 2 legs of another species of sea star Specimen Count Size Cat < 10 cm Weight (kg) Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh EX1711 20171203T180022 D2 DIVE04 SPEC01BIO A04 Specimen Type Associate Specimen BIO Field Identification Field Identification By: Amphipoda Amphipoda **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) **Condition** Other Notes Repository SNMNH Accession # Catalog # Type Status **Preparation** 95etoh

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Cruise Spe	cimen Repo	rt					
Cruise ID		Cruise T	itle		Cruise Start	Cruise End	Vehicle Used
EX1711	Gulf of Mexico (R	ROV/Mapping)			11/29/2017	12/21/2017	Deep Discoverer
Associate Specimen	EX1711_20171203T	180022_D2_DIVE04_SF	PEC01BIO_A05	Specimen Type	BIO		
Field Identification	scale worm			Field Identification By:	scale worm		
Identification Remai	rks:						
Specimen Count	1 Size Cat < 10) cm Weight (k	g) Cond	lition	Other Notes		
Repository SNN	ЛNН	Accession #		Catalog #	Туре	Status	
Preparation 956	etoh						
Primary Specimen	EX1711_20171203T	192012_D2_DIVE04_SF	PEC02BIO	Specimen Type BIC	Collection D	ate/Time (UTC)	20171203T192012
Field Identification							
Field Identification	Pterobranchia sp.			Field Identification By:	Diva Amon		
Identification Remai				Field Identification By:	Diva Amon		
Identification Remai		-84.760 Depti	n (m) 38	Field Identification By: 1.1 Temp (C)	Diva Amon 9.740 <i>Salinity</i>	35.160	Oxygen 3.610
Identification Remai	rks:			1.1 Temp (C)	9.740 <i>Salinity</i>		Oxygen 3.610 a limestone rock _A03
Identification Remail Latitude Specimen Count	rks: 26.450 Longitude			1.1 Temp (C)	9.740 Salinity Other Notes S		
Latitude Specimen Count Repository SNN	26.450 Longitude 1 Size Cat 11	- 50 cm <i>Weight (k</i>		1.1 Temp (C)	9.740 Salinity Other Notes S	pecimen found on	
Latitude Specimen Count Repository SNN	26.450 Longitude 1 Size Cat 11 MNH etoh	- 50 cm <i>Weight (k</i>	g) Cond	1.1 Temp (C) lition Catalog #	9.740 Salinity Other Notes S	pecimen found on	

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Cruise Specimen Report Cruise Title Cruise ID Cruise Start Cruise End Vehicle Used 12/21/2017 Deep Discoverer EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 Associate Specimen Specimen Type BIO EX1711 20171203T192012 D2 DIVE04 SPEC02BIO A01 **Field Identification** Porifera Field Identification By: Porifera **Identification Remarks:** Specimen Count Weight (kg) **Condition Other Notes** Size Cat < 10 cm Accession # Catalog # Type Status Repository SNMNH **Preparation** 95etoh EX1711_20171203T192012_D2_DIVE04_SPEC02BIO_A01_S01 Associate Sub Sample Repository OGL Vial Number 840 **Recip Organization** Recipient EX1711_20171203T192012_D2_DIVE04_SPEC02BIO_A02 Associate Specimen Specimen Type BIO Field Identification Octocorallia Field Identification By: Octocorallia **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) **Condition** Other Notes Catalog # Type Status Accession # Repository SNMNH **Preparation** 95etoh Vial Number Associate Sub Sample EX1711_20171203T192012_D2_DIVE04_SPEC02BIO_A02_S01 Repository OGL 841 **Recip Organization** Recipient

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Cruise Specimen Report Cruise ID Cruise Title **Cruise Start** Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer **Associate Specimen** EX1711_20171203T192012_D2_DIVE04_SPEC02BIO_A03 Specimen Type GEO **Field Identification** limestone rock Field Identification By: limestone rock **Identification Remarks: Condition Other Notes** Specimen Count **Size Cat** 11 - 50 cm Weight (kg) 0.690 Catalog # Repository OSU Accession # Type Status **Preparation** Associate Specimen EX1711_20171203T192012_D2_DIVE04_SPEC02BIO_A04 Specimen Type BIO Field Identification Porifera B Field Identification By: Porifera B **Identification Remarks:** Weight (kg) Condition Other Notes Specimen Count Size Cat < 10 cm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh **Primary Sub Sample** EX1711 20171203T192012 D2 DIVE04 SPEC02BIO S02 Repository Vial Number SNMNH Recipient **Recip Organization** Associate Specimen EX1711 20171203T192012 D2 DIVE04 SPEC02BIO A01 Specimen Type BIO **Field Identification** Porifera Field Identification By: Porifera **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition **Other Notes** Repository Accession # Catalog # Type Status SNMNH **Preparation** 95etoh

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Cruise Specimen Report Cruise Title Cruise ID Cruise Start Cruise End Vehicle Used 11/29/2017 12/21/2017 Deep Discoverer EX1711 Gulf of Mexico (ROV/Mapping) Vial Number Associate Sub Sample EX1711 20171203T192012_D2_DIVE04_SPEC02BIO_A01_S01 Repository OGL 840 Recipient **Recip Organization Associate Specimen** EX1711 20171203T192012 D2 DIVE04 SPEC02BIO A02 Specimen Type BIO Field Identification Field Identification By: Octocorallia Octocorallia **Identification Remarks:** Specimen Count 1 Size Cat < 10 cm Weight (kg) **Condition Other Notes** Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh EX1711_20171203T192012_D2_DIVE04_SPEC02BIO_A02_S01 Vial Number Associate Sub Sample Repository OGL 841 Recipient **Recip Organization** Associate Specimen EX1711 20171203T192012 D2 DIVE04 SPEC02BIO A03 Specimen Type GEO Field Identification Field Identification By: limestone rock limestone rock **Identification Remarks: Size Cat** 11 - 50 cm Condition **Other Notes** Specimen Count Weight (kg) 0.690 Catalog # Type Status Repository Accession # OSU **Preparation**

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Cruise Specimen Report Cruise Title Cruise ID Cruise Start Cruise End Vehicle Used 11/29/2017 12/21/2017 Deep Discoverer EX1711 Gulf of Mexico (ROV/Mapping) Associate Specimen EX1711 20171203T192012_D2_DIVE04_SPEC02BIO_A04 Specimen Type BIO **Field Identification** Porifera B Field Identification By: Porifera B **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes Catalog # SNMNH Accession # Type Status Repository **Preparation** 95etoh **Primary Specimen** EX1711 20171203T203553 D2 DIVE04 SPEC03BIO Specimen Type BIO Collection Date/Time (UTC) 20171203T203553 Field Identification Isididae Field Identification By: Diva Amon **Identification Remarks:** -84.760 Depth (m) 383.4 Temp (C) 9.900 Salinity 35.180 Latitude 26.450 Longitude Oxygen 3.610 Weight (kg) Specimen Count **Size Cat** 11 - 50 cm **Condition Other Notes** preserved very quickly after collection pi Repository SNMNH Accession # Catalog # Type Status **Preparation** 95etoh **Primary Sub Sample** EX1711 20171203T203553 D2 DIVE04 SPEC03BIO S01 Repository Vial Number OGL 837 Recipient **Recip Organization**

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Cruise Sp	ecim	en Rep	port							
Cruise ID				Cruise Title			(Cruise Start	Cruise End	Vehicle Used
EX1711	Gulf o	f Mexico	o (ROV/Map	ping)				11/29/2017	12/21/2017	Deep Discoverer
Primary Specime	n EX17:	11_201712	203T210200_D2	_DIVE04_SPEC04E	3IO	Specimen Type	BIO	Collection D	ate/Time (UTC)	20171203T210200
Field Identification	octo	ocorallia				Field Identificat	ion By:	Diva Amon		
Identification Rei	marks:									
Latitude	26.450	Longitud	de -84.	760 Depth (m)	38	3.2 Temp (C)		9.920 Salinity	35.180	Oxygen 3.61
Specimen Count	1	Size Cat	11 - 50 cm	Weight (kg)	Cond	ition		Other Notes		
Repository	SNMNH		Accession	#		Catalog #		Туре	Status	
Preparation	95etoh									
Primary Sub Sam		.711_2017	1203T210200_C	02_DIVE04_SPEC0	4BIO_S01	Reposito	_		Vial Number	839
Associate Specim	nen EX17:	11_201712	203T210200_D2	_DIVE04_SPEC04E	3IO_A01	Specime	n Type	BIO		
Field Identification	solit	ary cup co	ral			Field Identificat	ion By:	solitary cup cor	al	
Identification Rei	marks:									
Specimen Count	1	Size Cat	< 10 cm	Weight (kg)	Cond	ition		Other Notes a	t base with Octoo	orllia
Repository	SNMNH		Accession	#		Catalog #		Туре	Status	

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Cruise Specimen Report Cruise ID Cruise Title **Cruise Start** Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 Associate Specimen EX1711_20171203T210200_D2_DIVE04_SPEC04BIO_A02 Specimen Type BIO Field Identification barnacle? Field Identification By: barnacle? **Identification Remarks:** Condition Specimen Count Size Cat < 10 cm Weight (kg) **Other Notes** very early stage not sure of barnacle Accession # Catalog # Type Status Repository SNMNH Preparation 95etoh

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Cruise Specimen Report

Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used

EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer

Dive ID DiveDate **Dive Site Name** 12/4/2017 DIVE05 **Incised Escarpment Ridge Primary Specimen** EX1711 20171204T164655 D2 DIVE05 SPEC01BIO Specimen Type Collection Date/Time (UTC) 20171204T164655 BIO Field Identification Hyocrinidae Crinoid Field Identification By: Diva Amon **Identification Remarks:** Latitude 27.350 Longitude -85.430 Depth (m) 2089.5 Temp (C) 4.310 *Salinity* Oxygen 34.960 6.540 Specimen Count **Size Cat** 11 - 50 cm Weight (kg) **Condition** Other Notes Cataloa # Repository Accession # Type Status SNMNH **Preparation** 95etoh EX1711 20171204T164655 D2 DIVE05 SPEC01BIO S01 Repository Vial Number **Primary Sub Sample** OGL 917 **Recip Organization** Recipient **Primary Specimen** EX1711 20171204T171824 D2 DIVE05 SPEC02BIO Collection Date/Time (UTC) Specimen Type BIO 20171204T171824 Field Identification Chrysogorgia sp Field Identification By: Diva Amon **Identification Remarks:** Latitude 27.350 Longitude Depth (m) Temp (C) 4.300 Salinity Oxygen -85.430 2078.4 34.980 6.540 Specimen Count **Size Cat** 11 - 50 cm Weight (kg) Condition Other Notes Repository Accession # Cataloa # Type Status SNMNH Preparation **Primary Sub Sample** EX1711 20171204T171824 D2 DIVE05 SPEC02BIO S01 Repository OGL Vial Number 842 Recipient **Recip Organization**

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Cruise Specia	men Report			
Cruise ID	Cı	uise Title	Cruise Start	Cruise End Vehicle Used
EX1711 Gu	lf of Mexico (ROV/Mappir	ng)	11/29/201	17 12/21/2017 Deep Discoverer
Associate Specimen E	(1711_20171204T171824_D2_DI	VE05_SPEC02BIO_A01	Specimen Type BIO	
Field Identification	Ascothoracida	Fiel	d Identification By: Ascothoraci	da
Identification Remarks:				
Specimen Count	4	Veight (kg) Condition	Other Notes	parasite on primary
Repository SNMNH	Accession #	Cata	log #	ype Status
Preparation 95etol	1			
Associate Sub Sample Recipient	EX1711_20171204T171824_D2	_DIVE05_SPEC02BIO_A01_S01	Repository OG Recip Organization	GL <i>Vial Number</i> 916
Primary Specimen EX	(1711_20171204T181754_D2_DI	VE05_SPEC03BIO Spe	cimen Type BIO Collectio	on Date/Time (UTC) 20171204T181754
Field Identification	Corallium sp	Fiel	d Identification By: Diva Amon	
Identification Remarks:				
Latitude 27.	350 Longitude -85.430	Depth (m) 1971.3	Temp (C) 4.280 Salin	nity 34.980 Oxygen 6.530
Specimen Count	1 Size Cat 11 - 50 cm	Veight (kg) Condition	Other Notes	
Repository SNMNI	Accession #	Cata	log #	vpe Status
Preparation 95etol	1			
Primary Sub Sample	EX1711_20171204T181754_D2_	DIVE05_SPEC03BIO_S01	Repository OGL	Vial Number 843
Recipient			Recip Organization	

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Cruise Spe	cime	n Rep	ort												
Cruise ID				Cruise	Title				(Cruise S	Start	Cruis	se End	Vehic	le Used
EX1711	Gulf of	f Mexico	o (ROV/M	apping)						11/29/	/2017	12/2	21/2017	Deep D	iscoverer
Primary Specimen	EX171	.1_201712	.04T182136_	_D2_DIVE05_	_SPEC04BI	0	Speci	теп Туре	BIO	Col	llection D	ate/Tim	e (UTC)	20171204	T182136
Field Identification	Farre	eidae spon	ge				Field	dentificati	on By:	Diva Ar	mon				
Identification Rema	ırks:														
Latitude	27.350	Longitud	le	-85.430 De	epth (m)	19	71.4	Temp (C)		4.290	Salinity	,	34.970	Oxygen	6.540
Specimen Count	1	Size Cat	11 - 50 cm	Weight	: (kg)	Cor	dition			Other I	Notes T	his sam	ple fell into	o the forw	ard rock box b
Repository SNN	MNH		Access	sion #			Catalo	g #			Туре	Status			
Preparation 956	etoh														
Primary Sub Sample		711_2017:	1204T18213	6_D2_DIVE0	5_SPEC04	BIO_S01		Repositor				Vial Nun	mber	8	45
Recipien)t							Recip Org	anizatio	n					
Associate Specimen	EX171	.1_201712	.04T182136_	_D2_DIVE05_	_SPEC04BI	O_A01		Specimer	туре	BIO					
Field Identification	scale	worm					Field	dentificati	on By:	scale w	/orm				
Identification Rema	ırks:														
Specimen Count	1	Size Cat	< 10 cm	Weight	: (kg)	Cor	dition			Other I	Notes				
Repository SNN	MNH		Access	sion #			Catalo	g #			Туре	Status			
Preparation 956	etoh														

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen Specimen Type BIO EX1711 20171204T182136 D2 DIVE05 SPEC04BIO A02 **Field Identification** Amphipoda Field Identification By: Amphipoda **Identification Remarks:** Weight (kg) **Condition** Other Notes Specimen Count Size Cat < 10 cm Catalog # Type Status Repository SNMNH Accession # **Preparation** 95etoh **Primary Specimen** EX1711 20171204T185620 D2 DIVE05 SPEC05GEO Specimen Type GFO Collection Date/Time (UTC) 20171204T185620 Field Identification Limestone rock Field Identification By: Diva Amon **Identification Remarks:** Depth (m) 4.290 Salinity Latitude 27.350 Longitude -85.430 1915.1 Temp (C) 34.970 Oxygen 6.510 Specimen Count **Size Cat** 51-100 cm Weight (kg) Condition Other Notes 3.290 Repository OSU Accession # Catalog # Type Status **Preparation** Associate Specimen EX1711 20171204T185620 D2 DIVE05 SPEC05GEO A01 Specimen Type BIO Field Identification Crinoid Field Identification By: Crinoid **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition **Other Notes** one crinoid is missing the crown Repository Accession # Catalog # Type Status SNMNH **Preparation** 95etoh

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen Specimen Type BIO EX1711 20171204T185620 D2 DIVE05 SPEC05GEO A02 **Field Identification** Porifera A Field Identification By: Porifera A **Identification Remarks:** Specimen Count Weight (kg) **Condition** Other Notes Porifera species A Size Cat < 10 cm Catalog # Type Status Repository SNMNH Accession # **Preparation** 95etoh Associate Specimen EX1711_20171204T185620_D2_DIVE05_SPEC05GEO_A03 Specimen Type BIO Field Identification Polychaeta Field Identification By: Polychaeta **Identification Remarks:** Weight (kg) Condition Other Notes Eunicidae Specimen Count Size Cat < 10 cm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh EX1711 20171204T185620 D2 DIVE05 SPEC05GEO A04 Specimen Type Associate Specimen BIO Field Identification Field Identification By: Porifera B Porifera B **Identification Remarks:** Size Cat < 10 cm **Other Notes** Porifera species B Specimen Count Weight (kg) **Condition** Repository SNMNH Accession # Catalog # Type Status **Preparation** 95etoh

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Cruise Spe	ecime	en Rep	port										
Cruise ID				Cruise Tit	le			(Cruise St	art	Cruise End	d Vehic	cle Used
EX1711	Gulf o	f Mexico	o (ROV/N	1apping)					11/29/2	2017	12/21/20	17 Deep L	Discoverer
Primary Specimen	EX171	1_201712	204T202517	_D2_DIVE05_SPE	C06BIO	Speci	теп Туре	BIO	Colle	ection Do	ate/Time (UTC)	2017120	4T202517
Field Identification	Acan	nella				Field	Identification	n By:	Diva Am	on			
Identification Remo	arks:												
Latitude	27.350	Longitud	de	-85.430 Depth (m)	1863.6	Temp (C)		4.290	Salinity	34.9	70 Oxygen	6.490
Specimen Count	1	Size Cat	11 - 50 cm	Weight (kg)		ondition			Other No	otes m	aybe Acanella	aurelia	
Repository SN	IMNH		Acces	sion #		Catalo	g #			Туре \$	Status		
Preparation 95	Setoh												
Primary Sub Sampl	le EX1	711_2017	1204T2025	17_D2_DIVE05_SF	PEC06BIO_S02	L	Repository	0	GL	١	/ial Number		344
Recipie	nt						Recip Orga	nizatio	on				
Associate Specimen	n EX171	1_201712	204T202517	_D2_DIVE05_SPE	C06BIO_A01		Specimen	Туре	BIO				
Field Identification	Amp	hipoda				Field	Identification	n By:	Amphipo	oda			
Identification Remo	arks:												
Specimen Count	1	Size Cat	< 10 cm	Weight (kg)		ondition			Other No	otes			
Repository SN	IMNH		Acces	sion #		Catalo	g #			Туре S	Status		
Preparation 95	5etoh												

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Cruise Specimen Report Cruise ID Cruise Title **Cruise Start** Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 Associate Specimen EX1711_20171204T202517_D2_DIVE05_SPEC06BIO_A02 Specimen Type BIO Field Identification Bathypalaeomonella Field Identification By: Bathypalaeomonella **Identification Remarks:** Condition Other Notes shrimp Specimen Count Size Cat < 10 cm Weight (kg) Accession # Catalog # Type Status Repository SNMNH Preparation 95etoh

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Cruise Specir	men Report					
Cruise ID		Cruise Title		Cruise Start	Cruise End	Vehicle Used
EX1711 Gul	lf of Mexico (ROV/Mapp	ing)		11/29/2017	12/21/2017	Deep Discoverer
Dive ID	DiveDate	Dive	e Site Name			
DIVE06	12/5/2017	Smooth E	scarpment Ridge			
Primary Specimen EX	(1711_20171205T152021_D2_I	DIVE06_SPEC01GEO	Specimen Type GEO	Collection Do	ate/Time (UTC)	20171205T152021
Field Identification	carbonate rock		Field Identification By:	Diva Amon		
Identification Remarks:						
Latitude 28.0	000 Longitude -86.4	40 Depth (m) 209	2.1 Temp (C)	4.300 Salinity	34.970	Oxygen 6.580
Specimen Count	1 Size Cat 11 - 50 cm	Weight (kg) 1.470 Cond	ition	Other Notes		
Repository OSU	Accession #		Catalog #	Туре 5	Status	
Preparation						
Primary Specimen EX	(1711_20171205T170503_D2_I	DIVE06_SPEC02BIO	Specimen Type BIO	Collection Do	ate/Time (UTC)	20171205T170503
Field Identification	sididae		Field Identification By:	Diva Amon		
Identification Remarks:						
Latitude 28.0	000 Longitude -86.4	40 Depth (m) 196	3.3 Temp (C)	4.280 Salinity	34.970	Oxygen 6.560
Specimen Count	1 Size Cat 11 - 50 cm	Weight (kg) Cond	ition	Other Notes M	laybe Keratdisis f	leixibilis
Repository SNMNH	Accession #		Catalog #	Туре 5	Status	
Preparation 95etoh	1					
Primary Sub Sample	EX1711_20171205T170503_D2	_DIVE06_SPEC02BIO_S01	Repository C)GL	Vial Number	846
Recipient			Recip Organizati	on		

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eraise spe	cime	n Rep	ort											
Cruise ID				Cruise Title)			(Cruise S	tart	Cruis	se End	Vehic	le Used
EX1711	Gulf of	Mexico	(ROV/Map)	oing)					11/29/	/2017	12/2	21/2017	Deep D)iscoverer
Primary Specimen	EX1712	1_2017120	5T181526_D2_	DIVE06_SPEC	3GEO	Spe	cimen Type	GEO	Coli	lection Da	te/Time	e (UTC)	20171205	T181526
Field Identification	Fossil	ized coral				Fiel	d Identificati	on By:	Diva An	non				
Identification Rema	rks:													
Latitude	28.010	Longitude	-86.4	140 Depth (m))	1892.6	Temp (C)		4.280	Salinity		34.970	Oxygen	6.520
Specimen Count	1	Size Cat	l1 - 50 cm	Weight (kg)	0.370	Condition			Other N	Votes				
Repository OSL	J		Accession	#		Cata	ılog #			Type S	tatus			
Preparation														
Associate Specimen	EX1711	1_2017120	5T181526_D2_	DIVE06_SPEC)3GEO_A	01	Specimer	т Туре	BIO					
Associate Specimen Field Identification		1_2017120 anoscyphu		DIVE06_SPEC)3GEO_A		Specimei d Identificati			noscyphu	s ?			
	Steph	_		DIVE06_SPECC)3GEO_A(noscyphu	s ?			
Field Identification	Steph	_	ıs ?	DIVEO6_SPECO	03GEO_A		d Identificati		Stephar	noscyphu Notes cni				
Field Identification Identification Remains Specimen Count	Steph	anoscyphu	ıs ?	Weight (kg)	03GEO_A	Fiel Condition	d Identificati		Stephar		idarian			
Field Identification Identification Remain Specimen Count Repository SNN	Steph rks:	anoscyphu	ıs ? 10 cm	Weight (kg)	03GEO_A	Fiel Condition	d Identificati		Stephar	Votes cni	idarian			
Field Identification Identification Remain Specimen Count Repository SNN	Steph rks: 1 MNH etoh	sanoscyphu Size Cat <	ıs ? 10 cm	Weight (kg)		Fiel Condition Cata	d Identificati		Stephan Other N	Votes cni	idarian Etatus		20171205	ST195715
Field Identification Identification Remains Specimen Count Repository Preparation 956	Steph rks: 1 MNH etoh EX1712	Size Cat <	10 cm Accession	Weight (kg)		Condition Cata	d Identificati	on By:	Stephan Other N	Notes cni Type Si Jection Da	idarian Etatus		20171205	ST195715
Field Identification Identification Remains Specimen Count Repository SNN Preparation 956 Primary Specimen	Steph rks: 1 MNH etoh EX1712	Size Cat <	10 cm Accession = 5T195715_D2_	Weight (kg)		Condition Cata	d Identificati	on By:	Other N	Notes cni Type Si Jection Da	idarian Etatus		20171205	ST195715
Field Identification Identification Remains Specimen Count Repository SNN Preparation 956 Primary Specimen Field Identification Identification Remains	Steph rks: 1 MNH etoh EX1712	Size Cat <	10 cm Accession 5T195715_D2 metridae sp	Weight (kg)	04BIO	Condition Cata	d Identificati	on By:	Other N Coll	Notes cni Type Si Jection Da	idarian Etatus		20171205 Oxygen	6.490
Field Identification Identification Remains Specimen Count Repository SNN Preparation 956 Primary Specimen Field Identification Identification Remains	Steph rks: 1 MNH etoh EX1712 Crino rks: 28.010	Size Cat <	10 cm Accession 5T195715_D2_ metridae sp -86.	Weight (kg)	04BIO	Condition Cata Spe	d Identification log # ccimen Type d Identification Temp (C)	on By:	Other N Coll	Type Sillection Dar	idarian Etatus	e (UTC)		
Field Identification Identification Remains Specimen Count Repository SNN Preparation 956 Primary Specimen Field Identification Identification Remains Latitude Specimen Count	Steph rks: 1 MNH etoh EX1712 Crino rks: 28.010	Size Cat <	10 cm Accession 5T195715_D2_ metridae sp -86.	Weight (kg) DIVEO6_SPECO Depth (m) Weight (kg)	04BIO	Spe Fiel 1750.2 Condition	d Identification log # ccimen Type d Identification Temp (C)	on By:	Other N Coll Diva An 4.280	Type Sillection Dar	idarian tatus te/Time	e (UTC)		

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 **Primary Sub Sample** Repository OGL Vial Number 918 EX1711_20171205T195715_D2_DIVE06_SPEC04BIO_S01 Recipient **Recip Organization** Associate Specimen EX1711_20171205T195715_D2_DIVE06_SPEC04BIO_A01 Specimen Type BIO Field Identification Field Identification By: Isididae Isididae **Identification Remarks:** Specimen Count Weight (kg) **Condition Size Cat** 11 - 50 cm **Other Notes** Catalog # Type Status Accession # Repository SNMNH Preparation 95etoh EX1711_20171205T195715_D2_DIVE06_SPEC04BIO_A01_S01 Vial Number Associate Sub Sample Repository OGL 847 Recipient **Recip Organization**

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Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used

EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer

Dive ID	DiveDate	Div	ve Site Name		
DIVE09	12/11/2017	Henders	on Ridge Mid South		
Primary Specimen E>	(1711_20171211T155444_D2_D	IVE09_SPEC01BIO	Specimen Type BIO	Collection Date/Time (UTC)	20171211T155444
Field Identification	Plexauridae sp		Field Identification By:	Diva Amon	
Identification Remarks:					
Latitude 27.	Longitude -89.70	00 Depth (m) 11	.67.6 Temp (C)	4.350 Salinity 34.96	60 Oxygen 6.410
Specimen Count	1 Size Cat 11 - 50 cm	Weight (kg) Cor	ndition	Other Notes	
Repository SNMNH	Accession #		Catalog #	Type Status	
Preparation 95etoh	1				
Primary Sub Sample	EX1711_20171211T155444_D2_	DIVE09 SPEC01BIO S01	Repository 00	GL Vial Number	848
Recipient			Recip Organizatio		
Associate Specimen EX	(1711 20171211T155444 D2 D	NIVEON SPECO1RIO AO1	Specimen Type	BIO	
	.epadomorpha	TVL09_3FLC01BIO_A01	Field Identification By:	Lepadomorpha	
Identification Remarks:	-ераиотногрна		Ticia lacinajicación by.	серацоппогрпа	
Specimen Count	6	Weight (kg) Cor	ndition	Other Notes barnacles	
Repository SNMNH		vergin (kg)	Catalog #	Type Status	
	1 4 specimens		cutulog #	Type Status	
7 reputation 93etol	14 specimens				
Associate Sub Sample	EX1711_20171211T155444_D	2_DIVE09_SPEC01BIO_A0	1_S01 Rep	oository OGL Vie	al Number 919
Recipient			Recip Organi	ization	

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen Specimen Type BIO EX1711 20171211T155444 D2 DIVE09 SPEC01BIO A02 **Field Identification** Foraminifera Field Identification By: Foraminifera **Identification Remarks:** Weight (kg) **Condition** Other Notes Specimen Count Size Cat < 10 cm Catalog # Type Status Repository SNMNH Accession # **Preparation** 95etoh Associate Specimen EX1711_20171211T155444_D2_DIVE09_SPEC01BIO_A03 Specimen Type BIO Field Identification Polynoidae Field Identification By: Polynoidae **Identification Remarks:** Condition Specimen Count Size Cat < 10 cm Weight (kg) **Other Notes** scale worm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh **Primary Specimen** Specimen Type Collection Date/Time (UTC) EX1711 20171211T164223 D2 DIVE09 SPEC02GEO GEO 20171211T164223 Field Identification Field Identification By: carbonate rock Diva Amon **Identification Remarks:** Salinity Latitude 27.530 Longitude -89.700 Depth (m) 1169.1 Temp (C) 4.280 34.970 Oxygen 6.510 Specimen Count **Size Cat** 11 - 50 cm Weight (kg) Condition **Other Notes** authigenic carbonate with tar 2.630 Repository OSU Accession # Catalog # Type Status **Preparation** 95etoh

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer **Associate Specimen** Specimen Type BIO EX1711_20171211T164223_D2_DIVE09_SPEC02GEO_A01 **Field Identification** Sipuncualn Field Identification By: Sipuncualn **Identification Remarks:** Weight (kg) **Condition** Other Notes peanut worm Specimen Count Size Cat < 10 cm Accession # Catalog # Repository SNMNH Type Status **Preparation** 95etoh Associate Specimen EX1711_20171211T164223_D2_DIVE09_SPEC02GEO_A02 Specimen Type BIO Field Identification Polynoidae Field Identification By: Polynoidae **Identification Remarks:** Weight (kg) Condition Specimen Count Size Cat < 10 cm **Other Notes** scale worms a head and a tail but not of th Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh Associate Specimen EX1711 20171211T164223 D2 DIVE09 SPEC02GEO A03 Specimen Type BIO Field Identification Field Identification By: Bathymodiolus Bathymodiolus **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes bi valve Repository SNMNH Accession # Catalog # Type Status **Preparation** 95etoh

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Cruise Title Cruise ID Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen EX1711 20171211T164223_D2_DIVE09_SPEC02GEO_A04 Specimen Type BIO **Field Identification** Gastropoda Field Identification By: Gastropoda **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes Catalog # SNMNH Accession # Type Status Repository **Preparation** 95etoh **Primary Specimen** EX1711 20171211T202707 D2 DIVE09 SPEC03BIO Specimen Type BIO Collection Date/Time (UTC) 20171211T202707 Stolonifera coral Field Identification Field Identification By: Diva Amon **Identification Remarks:** Depth (m) 1133.8 Temp (C) 4.570 *Salinity* Latitude 27.530 Longitude -89.710 34.950 Oxygen 6.020 Weight (kg) Other Notes 25 plus polyps but unsure of specimen coun Specimen Count Size Cat < 10 cm **Condition** 25 Repository SNMNH Accession # Catalog # Type Status 95etoh left corals on rock **Preparation Primary Sub Sample** EX1711 20171211T202707 D2 DIVE09 SPEC03BIO S01 Repository Vial Number OGL 852 Recipient **Recip Organization**

Cruise Specimen Report

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Cruise Spec	cimen Repo	ort							
Cruise ID		Cruis	se Title			Cruise Start	Cruise End	Vehicle Used	ı
EX1711 6	Gulf of Mexico (I	ROV/Mapping)				11/29/2017	7 12/21/201	7 Deep Discover	er
Associate Specimen	EX1711_20171211	T202707_D2_DIVEC	09_SPEC03BIO_A01		Specimen Type	BIO			
Field Identification	Polychaeta			Field Id	entification By:	Polychaeta			
Identification Remark	ks:								
Specimen Count	1 Size Cat < 1	0 cm Weig	ght (kg)	Condition		Other Notes	might be a Hesion	idae	
Repository SNM	INH	Accession #		Catalog	#	Тур	e Status		
Preparation 95e	toh								
Primary Specimen	EX1711_20171211	T205623_D2_DIVEC	09_SPEC04BIO	Specim	en Type BIO	Collection	Date/Time (UTC)	20171211T205623	
Field Identification	Anthothela coral			Field Id	entification By:	Diva Amon			
Identification Remark	ks:								
Latitude 2	27.530 Longitude	-89.710	Depth (m)	1130.1 Te	emp (C)	4.620 Salini	ty 34.950	Oxygen	5.960
Specimen Count	1 Size Cat 11	- 50 cm Weig	ght (kg)	Condition		Other Notes			
Repository SNM	INH	Accession #		Catalog	#	Тур	e Status		
Preparation 95e	toh								
Primary Sub Sample	EX1711_2017121	1T205623_D2_DIV	E09_SPEC04BIO_S0	1	Repository)GL	Vial Number	849	

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen Specimen Type EX1711_20171211T205623_D2_DIVE09_SPEC04BIO_A01 BIO Desmophyllum **Field Identification** Desmophyllum Field Identification By: **Identification Remarks:** Other Notes cup coral Specimen Count Weight (kg) **Condition** Size Cat < 10 cm Accession # Catalog # Repository SNMNH Type Status **Preparation** 95etoh EX1711_20171211T205623_D2_DIVE09_SPEC04BIO_A01_S01 Associate Sub Sample Repository OGL Vial Number 850 **Recip Organization** Recipient EX1711_20171211T205623_D2_DIVE09_SPEC04BIO_A02 Associate Specimen Specimen Type BIO Field Identification Polynoidae Field Identification By: Polynoidae **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes | scale worm Catalog # Type Status Accession # Repository SNMNH **Preparation** 95etoh 5 specimens in etoh Vial Number Associate Sub Sample EX1711_20171211T205623_D2_DIVE09_SPEC04BIO_A02_S01 Repository OGL 920 **Recip Organization** Recipient

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Cruise Specimen Report Cruise ID Cruise Title Cruise End Vehicle Used **Cruise Start** Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 Associate Specimen Specimen Type BIO EX1711_20171211T205623_D2_DIVE09_SPEC04BIO_A03 Field Identification Foraminifera Field Identification By: Foraminifera **Identification Remarks:** Specimen Count Condition Size Cat < 10 cm Weight (kg) **Other Notes** multiple pieces of specimens Catalog # Type Status Repository Accession # SNMNH Preparation 95etoh

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Cruise Spec	imen Repo	ort								
Cruise ID		Cri	uise Start	Cruise End	Vehic	e Used				
EX1711 G	Gulf of Mexico (ROV/Mappin	g)			1.	1/29/2017	12/21/201	.7 Deep D	iscoverer
Dive ID	Dive	Date		Dive Sit	e Name					
DIVE10	12/12	/2017	Green C	anyon Area	a St Tamm	nany Ba	nsin			
Primary Specimen	EX1711_20171212	T211213_D2_DI\	/E10_SPEC01BIO	Spe	cimen Type	BIO	Collection I	Date/Time (UTC)	20171212	Γ211213
Field Identification	Actinernus Anemo	one		Field	d Identificatio	n By:	Diva Amon			
Identification Remark	cs:									
Latitude 2	27.050 Longitude	-91.190	Depth (m)	1581.8	Temp (C)		4.270 Salinit	34.97	Oxygen	6.470
Specimen Count	2 Size Cat 11	50 cm И	eight (kg)	Condition			Other Notes	one main specim	en but fragm	ents or smalle
Repository SNM	NH	Accession #		Cata	log #		Туре	Status		
Preparation 10 fe	ormalin buffered in	seawater								
Primary Sub Sample	EX1711_2017121	12T211213_D2_0	OIVE10_SPEC01BI	O_S01	Repository	OGL		Vial Number	92	21
Recipient					Recip Orgo	inization				
Associate Specimen	EX1711_20171212	T211213_D2_DI\	/E10_SPEC01BIO_	_A01	Specimen	Туре	BIO			
Field Identification	Polychaeta			Field	d Identificatio	n By:	Polychaeta			
Identification Remark	cs:									
Specimen Count	1 Size Cat < 1	.0 cm и	eight (kg)	Condition			Other Notes			
Repository SNM	NH	Accession #		Cata	log #		Туре	? Status		
Preparation 95et	toh									

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 Associate Specimen Specimen Type GEO EX1711 20171212T211213 D2 DIVE10 SPEC01BIO A02 Field Identification By: **Field Identification** carbonate rock carbonate rock **Identification Remarks:** Weight (kg) **Condition** Other Notes primary specimen was on this rock Specimen Count Size Cat < 10 cm 0.060 Catalog # Repository OSU Accession # Type Status **Preparation Primary Sub Sample** EX1711_20171212T211213_D2_DIVE10_SPEC01BIO_S02 Repository SNMNH Vial Number Recipient **Recip Organization** Associate Specimen EX1711_20171212T211213_D2_DIVE10_SPEC01BIO_A01 Specimen Type BIO Field Identification Polychaeta Field Identification By: Polychaeta **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes Catalog # Accession # Type Status Repository SNMNH **Preparation** 95etoh Associate Specimen EX1711 20171212T211213 D2 DIVE10 SPEC01BIO A02 Specimen Type GEO **Field Identification** carbonate rock Field Identification By: carbonate rock **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) 0.060 **Condition** Other Notes primary specimen was on this rock Repository OSU Accession # Catalog # Type Status **Preparation**

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Cruise Specimen Report Cruise Title Cruise ID Cruise End Vehicle Used Cruise Start 11/29/2017 12/21/2017 Deep Discoverer EX1711 Gulf of Mexico (ROV/Mapping) **Primary Sub Sample** Vial Number EX1711_20171212T211213_D2_DIVE10_SPEC01BIO_S03 Repository SNMNH Recipient **Recip Organization** Associate Specimen EX1711_20171212T211213_D2_DIVE10_SPEC01BIO_A01 Specimen Type BIO Field Identification Field Identification By: Polychaeta Polychaeta **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) **Condition Other Notes** Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh EX1711_20171212T211213_D2_DIVE10_SPEC01BIO_A02 Associate Specimen Specimen Type GEO Field Identification carbonate rock Field Identification By: carbonate rock **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) 0.060 **Condition Other Notes** primary specimen was on this rock Catalog # Type Status Repository Accession # OSU **Preparation**

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Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used

EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer

Dive ID	Dive	Date		Dive Si	te Name					
DIVE11	12/13	3/2017		K	C560					
Primary Specimen	EX1711_20171213	3T203651_D2_DI\	'E11_SPEC01BI	O Sp	ecimen Type	ВІО	Collection	Date/Time (UTC)	20171213	T203651
Field Identification	Isididae			Fie	ld Identification	on By:	Diva Amon			
Identification Remar	ks: Lepidisis sp									
Latitude	26.430 Longitude	-92.360	Depth (m)	2056.6	Temp (C)		4.270 <i>Salini</i>	ity 34.980	Oxygen	6.510
Specimen Count	1 Size Cat 1:	1 - 50 cm W	eight (kg)	Condition	1		Other Notes	a piece off of the	op of the c	oral
Repository SNN	1NH	Accession #		Cat	alog #		Тур	oe Status		
Preparation 95e	etoh									
Primary Sub Sample	FX1711 201712	13T203651_D2_D	IVF11 SPFC01	BIO SO1	Repositor	y OG	L	Vial Number	8	53
Recipient					Recip Org					
Primary Specimen	EX1711_20171213	3T213200 D2 DIV	'E11 SPEC02BI	O <i>Sp</i>	ecimen Type	BIO	Collection	Date/Time (UTC)	20171213	T213200
Field Identification	Porifera				ld Identification	on By:	Diva Amon			
Identification Remar	ks:									
Latitude	26.430 Longitude	-92.360	Depth (m)	2033.3	Temp (C)		4.280 <i>Salini</i>	ity 34.970	Oxygen	6.500
Specimen Count	1 Size Cat < :	10 cm W	eight (kg)	Condition	1		Other Notes	specimen was on	mud and th	e ROV had to u
Repository SNN	1NH	Accession #		Cat	alog #		Тур	oe Status		
Preparation 95e	etoh									
Preparation 95e		13T213200 D2 D	NIVE11 CDCCC2	DIO 504	Repositor	y OG	1	Vial Number	O	54

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Cruise ID			C	ruise Title				Cruise St	art Cru	iise End	Vehic	e Used
EX1711	Gulf	of Mexico (R						11/29/2				iscoverer
EVILLI	Guij C)j iviexico (K	iOv/iviuppi	ng)				11/25/2	2017 12,	/21/201/	реер р	scoverer
Associate Specir	men EX17	11_20171213T	213200_D2_D	IVE11_SPEC02E	BIO_A01	Specin	nen Type	GEO				
Field Identificati	<i>ion</i> Sedi	iment				Field Identific	ation By:	Sedimen	t			
Identification Re	emarks:											
Specimen Count	1	Size Cat < 10) cm	Weight (kg)	Condi	ition		Other No	very fir	ne sediment	we looked	for inverts in
Repository	OSU		Accession #			Catalog #			Type Status			
Preparation	95etoh											
Associate Sub Sa	ımple E	X1711 201712	13T213200 D	2_DIVE11_SPEC	C02BIO A01	S01	Rej	oository	SNMNH	Vial I	Number	
Re	ecipient		_			<u> </u>	•					
	cipiciic					Re	ecip Organi	ization				
		1711 20171213	3T213200 D2	DIVE11 SPECO	2BIO S02				Vial N	umher		
Primary Sub San		1711_20171213	3T213200_D2_	_DIVE11_SPEC0	2BIO_S02	Reposi		IMNH	Vial N	umber		
Primary Sub San Reci	mple EX1					Reposi Recip C	tory SN Organizatio	IMNH n	Vial N	umber		
Primary Sub San Reci Associate Specin	mple EX1	11_20171213T		_DIVE11_SPEC0		Reposi Recip C Specin	tory SN Organizatio nen Type	IMNH n		umber		
Primary Sub San Reci Associate Specin Field Identificati	mple EX1 spient men EX17 ion Sedi					Reposi Recip C	tory SN Organizatio nen Type	IMNH n		umber		
Primary Sub San Reci Associate Specin Field Identificati Identification Re	mple EX1 ipient EX17 ion Sedi	11_20171213T iment	213200_D2_D	IVE11_SPEC02E	BIO_A01	Reposi Recip C Specin Field Identific	tory SN Organizatio nen Type	GEO Sedimen	t		wo lookoo	for inverts in
Primary Sub San Reci Associate Specin Field Identificati Identification Re Specimen Count	mple EX1 ipient men EX17 ion Sedi emarks:	11_20171213T	213200_D2_D		BIO_A01	Reposi Recip C Specin Field Identifica	tory SN Organizatio nen Type	GEO Sedimen	t very fir	ne sediment	we looked	for inverts in
Primary Sub San Recip Associate Specin Field Identification Re Specimen Count Repository	mple EX1 ipient men EX17; ion Sedi emarks:	11_20171213T iment	213200_D2_D	IVE11_SPEC02E	BIO_A01	Reposi Recip C Specin Field Identific	tory SN Organizatio nen Type	GEO Sedimen	t	ne sediment	we looked	for inverts in
Primary Sub San Reci Associate Specin Field Identificati Identification Re Specimen Count	mple EX1 ipient men EX17 ion Sedi emarks:	11_20171213T iment	213200_D2_D	IVE11_SPEC02E	BIO_A01	Reposi Recip C Specin Field Identifica	tory SN Organizatio nen Type	GEO Sedimen	t very fir	ne sediment	we looked	for inverts in
Primary Sub San Recip Associate Specin Field Identification Identification Re Specimen Count Repository Preparation	mple EX1 ipient men EX17; ion Sedi emarks: 1 OSU 95etoh	11_20171213T iment Size Cat < 10	213200_D2_D) cm Accession #	IVE11_SPEC02E	BIO_A01 Condi	Reposition Catalog #	tory SN Organization nen Type ation By:	GEO Sedimen Other No.	t very fir	ne sediment	we looked	for inverts in

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Cruise Spec	imen Repo	rt							
Cruise ID		Cruise Title	•		Cruise S	Start Cr	uise End	Vehicle	Used
EX1711 G	Gulf of Mexico (R	OV/Mapping)	11/29	/2017 12	2/21/2017	Deep Dis	coverer		
Dive ID	DiveDa	ate	Dive S	ite Name					
DIVE13	12/16/	2017	Tunic	a Mound					
Primary Specimen	EX1711_20171216T	153158_D2_DIVE13_SPEC)1BIO Sp	pecimen Type	BIO Co	llection Date/1	Time (UTC)	20171216T	153158
Field Identification	Siboglinidae		Fic	eld Identification	By: Diva A	mon			
Identification Remark	ks:								
Latitude 2	27.700 Longitude	-92.220 Depth (m	409.0	Temp (C)	9.870	Salinity	35.190	Oxygen	3.470
Specimen Count	1 Size Cat 11 -	50 cm Weight (kg)	Conditio	n	Other	Notes tube v	vorm some	of the top of	the main tu
Repository SNM	NH	Accession #	Car	talog #		Type Statu	ıs		
Preparation 95 e	toh								
Associate Specimen	EX1711_20171216T	153158_D2_DIVE13_SPEC0)1BIO_A01	Specimen T	Type BIO				
Field Identification	Cirripedia		Fic	eld Identification	By: Cirripe	dia			
Identification Remark	ks:								
Specimen Count	4	cm Weight (kg)	Conditio	n	Other	Notes barna	cle 1 or the 4	specimens	placed in OG
Repository SNM	NH	Accession #	Са	talog #		Type Statu	ıs		
Preparation 95e	toh								
Associate Sub Sample	EX1711_201712	16T153158_D2_DIVE13_SI	PEC01BIO_A01_S0	1	Repository	OGL	Vial N	lumber	924
Recipie					Organization				

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Cruise Specimen Report Cruise Title Cruise Start Cruise ID Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 Associate Specimen Specimen Type BIO EX1711 20171216T153158 D2 DIVE13 SPEC01BIO A02 Field Identification By: **Field Identification** Pycnogonida Pvcnogonida **Identification Remarks:** Weight (kg) **Condition** Other Notes sea spider Specimen Count Size Cat < 10 cm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh Associate Specimen Specimen Type BIO EX1711_20171216T153158_D2_DIVE13_SPEC01BIO_A03 **Field Identification** Field Identification By: Amphipoda Amphipoda **Identification Remarks:** Condition Other Notes Specimen Count Size Cat < 10 cm Weight (kg) Repository SNMNH Accession # Catalog # Type Status **Preparation** 95 etoh EX1711 20171216T153158 D2 DIVE13 SPEC01BIO A04 Specimen Type Associate Specimen BIO Field Identification Field Identification By: Polychaeta species A Polychaeta species A **Identification Remarks: Other Notes** 3 specimens in pieces so specimen count is Specimen Count Size Cat < 10 cm Weight (kg) **Condition** Repository SNMNH Accession # Catalog # Type Status **Preparation** 95 etoh Associate Sub Sample EX1711 20171216T153158 D2 DIVE13 SPEC01BIO A04 S01 Repository OGL Vial Number **Recip Organization** Recipient

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen EX1711_20171216T153158_D2_DIVE13_SPEC01BIO_A05 Specimen Type BIO **Field Identification** Polychaeta species B Field Identification By: Polychaeta species B **Identification Remarks:** Weight (kg) **Condition** Other Notes one specimen broken into 2 piece Specimen Count Size Cat < 10 cm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh Associate Specimen EX1711_20171216T153158_D2_DIVE13_SPEC01BIO_A06 Specimen Type BIO Field Identification Polychaeta Species C Field Identification By: Polychaeta Species C **Identification Remarks:** Condition Specimen Count Size Cat < 10 cm Weight (kg) Other Notes Catalog # Repository SNMNH Accession # Type Status **Preparation** 95 etoh **Primary Specimen** Collection Date/Time (UTC) EX1711 20171216T181731 D2 DIVE13 SPEC02GEO Specimen Type GEO 20171216T181731 Field Identification Field Identification By: Rock Diva Amon **Identification Remarks:** Latitude 27.710 Longitude -92.220 Depth (m) 401.8 Temp (C) 10.120 Salinity 35.220 Oxygen 3.470 Specimen Count Size Cat < 10 cm Weight (kg) Condition **Other Notes** This rock is probably either a fossilized burr 0.510 Repository OSU Accession # Catalog # Type Status **Preparation**

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 Associate Specimen Specimen Type BIO EX1711 20171216T181731 D2 DIVE13 SPEC02GEO A01 **Field Identification** Heteropathes americana Field Identification By: Heteropathes americana **Identification Remarks:** Weight (kg) **Condition** Other Notes is gravid with eggs Specimen Count **Size Cat** 11 - 50 cm Accession # Catalog # Repository SNMNH Type Status **Preparation** 95 etoh Associate Sub Sample Repository OGL Vial Number 855 EX1711_20171216T181731_D2_DIVE13_SPEC02GEO_A01_S01 Recipient **Recip Organization** Associate Sub Sample EX1711_20171216T181731_D2_DIVE13_SPEC02GEO_A01_S02 Repository SNMNH Vial Number Recipient **Recip Organization** Associate Specimen EX1711 20171216T181731 D2 DIVE13 SPEC02GEO A02 Specimen Type BIO Field Identification Ophiuroidea Field Identification By: Ophiuroidea **Identification Remarks:** Weight (kg) **Condition** Other Notes 2 specimens on rock but only one preserved Specimen Count Size Cat < 10 cm Catalog # Type Status Accession # Repository SNMNH **Preparation** 95etoh Associate Sub Sample EX1711 20171216T181731 D2 DIVE13 SPEC02GEO A02 S01 Vial Number Repository OGL 922 Recipient **Recip Organization**

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen Specimen Type EX1711_20171216T181731_D2_DIVE13_SPEC02GEO_A03 BIO **Field Identification** Anemone polyp Field Identification By: Anemone polyp **Identification Remarks:** Weight (kg) **Condition Other Notes** Specimen Count Size Cat < 10 cm Accession # Catalog # Repository SNMNH Type Status **Preparation** 95etoh Associate Specimen EX1711_20171216T181731_D2_DIVE13_SPEC02GEO_A04 Specimen Type BIO Field Identification Polychaeta Field Identification By: Polychaeta **Identification Remarks:** Weight (kg) Condition Other Notes tube worm Specimen Count Size Cat < 10 cm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95 etoh Associate Specimen EX1711_20171216T181731_D2_DIVE13_SPEC02GEO_A05 Specimen Type BIO Field Identification Field Identification By: bivalve bivalve **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) Condition **Other Notes** Repository SNMNH Accession # Catalog # Type Status **Preparation** 95etoh

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Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used

EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer

Dive ID	Dive	eDate	Ι	Dive Site Name			
DIVE14	12/1	17/2017	1	Penchant Basin			
Primary Specimen	EX1711_201712	17T200237_D2_DI	VE14_SPEC01GEO	Specimen Type	GEO C	ollection Date/Time (UT	20171217T200237
Field Identification	Carbonate Rock	(Field Identification	Diva A	Amon	
Identification Remark	ks:						
Latitude	27.660 Longitude	-91.350	Depth (m)	785.2 Temp (C)	5.830	Salinity 34	4.920 Oxygen 4.720
Specimen Count	1 Size Cat	11 - 50 cm V	Veight (kg)	Condition	Other	the rock crum	nbled into a few smaller pieces
Repository OSU		Accession #		Catalog #		Type Status	
Preparation							
Associate Specimen	EX1711_2017123	17T200237_D2_DI	VE14_SPEC01GEO_A01	Specimen 1	Type BIO		
Field Identification	Brachiopoda A			Field Identification	Brach	iopoda A	
Identification Remark	ks:						
Specimen Count	2 Size Cat	< 10 cm V	Veight (kg)	Condition	Other	r Notes small Brachio	poda on shell of larger Brachio
Repository SNM	NH	Accession #		Catalog #		Type Status	·
Preparation 95e	toh						

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used EX1711 Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer Associate Specimen EX1711 20171217T200237_D2_DIVE14_SPEC01GEO_A02 Specimen Type BIO **Field Identification** Porifera Field Identification By: Porifera **Identification Remarks:** Weight (kg) **Condition** Other Notes very small Specimen Count Size Cat < 10 cm Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh Associate Specimen EX1711_20171217T200237_D2_DIVE14_SPEC01GEO_A03 Specimen Type BIO Field Identification Brachiopoda B Field Identification By: Brachiopoda B **Identification Remarks:** Condition **Other Notes** not sure if the same as the specimen A01 Specimen Count Size Cat < 10 cm Weight (kg) Catalog # Repository SNMNH Accession # Type Status **Preparation** 95etoh **Primary Specimen** EX1711_20171217T210642_D2_DIVE14_SPEC02BIO Specimen Type Collection Date/Time (UTC) BIO 20171217T210642 Field Identification Field Identification By: Plexauridae Diva Amon **Identification Remarks:** Latitude 27.660 Longitude -91.350 Depth (m) 761.3 Temp (C) 5.910 Salinity 34.910 Oxygen 4.650 Specimen Count Size Cat < 10 cm Weight (kg) Condition Other Notes Repository Accession # Catalog # Type Status SNMNH **Preparation** 95etoh

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 **Primary Sub Sample** EX1711_20171217T210642_D2_DIVE14_SPEC02BIO_S01 Repository OGL Vial Number 856 Recipient **Recip Organization** Associate Specimen EX1711_20171217T210642_D2_DIVE14_SPEC02BIO_A01 Specimen Type BIO Field Identification Field Identification By: Amphipoda Amphipoda **Identification Remarks:** Specimen Count Size Cat < 10 cm Weight (kg) **Condition Other Notes** Catalog # Type Status Repository SNMNH Accession # Preparation 95etoh

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Cruise Specimen Report Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used Gulf of Mexico (ROV/Mapping) 11/29/2017 12/21/2017 Deep Discoverer EX1711 **Dive ID DiveDate Dive Site Name** 12/18/2017 **Gulfoil MC796** DIVE15 BIO Collection Date/Time (UTC) **Primary Specimen** EX1711_20171218T201847_D2_DIVE15_SPEC01BIO Specimen Type 20171218T201847 Field Identification Ceriantharia sp Field Identification By: Diva Amon **Identification Remarks:** Longitude Depth (m) Temp (C) 7.870 *Salinity* Latitude 28.160 -89.770 534.8 34.960 Oxygen 3.730 Weight (kg) Specimen Count Size Cat < 10 cm **Condition Other Notes** just the tube of the anemone we preserved Catalog # Type Status Repository SNMNH Accession # Preparation 95etoh

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Cruise ID Cruise Title Cruise Start Cruise End Vehicle Used

EX1711 Gulf of Mexico (ROV/Mapping)

11/29/2017 12/21/2017 Deep Discoverer

Dive ID	DiveDate	Div	ve Site Name		
DIVE16	12/19/2017	Daupl	nin Dome MC288		
Primary Specimen	EX1711_20171219T162756_	D2_DIVE16_SPEC01GEO	Specimen Type GEO	Collection Date/Time (UTC)	20171219T162756
Field Identification	authigenic carbonate rock		Field Identification By:	Diva Amon	
Identification Remark	s:				
Latitude 2	8.610 Longitude	88.170 Depth (m) 19	330.5 Temp (C)	4.280 Salinity 34.970	Oxygen 6.520
Specimen Count	1 Size Cat 11 - 50 cm	Weight (kg) 1.630 Con	ndition	Other Notes no associates on I	rock
Repository OSU	Access	ion#	Catalog #	Type Status	
Preparation					

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