

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T143135\_D2\_DIVE11\_SPEC01WAT ( EX2107\_D11\_01W )

**Collection Date:** 20211110 **Collection Time:** 143135 **Lat and Long:** 23.96950 -81.79865

**Collection Reason:** eDNA **ROV Box Used:** Niskin Bottle 1

**Phylum:**  **Field ID**

**Preparation**  **Depth m:** 502.2 **Temp C** 13.613

**Preservative** Longmire's Buffer Solution **Salinity:** 35.749 **Oxygen** 4.279

**Repository Info:** SNMNH **SubSample Repository:**  **Bio Rep Num:**

**Submersible Videos:** EX2107\_VID\_20211110T143000Z\_CPHD.mov; EX2107\_VID\_20211110T143000Z\_ROVHD.mov; EX2107\_VID\_20211110T143121Z\_D11\_01W\_08.mov;

**FrameGrab Images:** EX2107\_IMG\_20211110T142817Z\_ROVHD.jpg; EX2107\_IMG\_20211110T143131Z\_D11\_01W\_08.jpg; EX2107\_IMG\_20211110T143201Z\_ROVHD.jpg; EX2107\_IMG\_20211110T143243Z\_CPHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

**Spec ID** EX2107\_20211110T151140\_D2\_DIVE11\_SPEC02WAT ( EX2107\_D11\_02W )

**Collection Date:** 20211110 **Collection Time:** 151140 **Lat and Long:** 23.96935 -81.79916

**Collection Reason:** eDNA **ROV Box Used:** Niskin Bottle 2

**Phylum:**  **Field ID**

**Preparation**  **Depth m:** 1152.2 **Temp C** 4.401

**Preservative** Longmire's Buffer Solution **Salinity:** 35.081 **Oxygen** 6.638

**Repository Info:** SNMNH **SubSample Repository:**  **Bio Rep Num:**

**Submersible Videos:** EX2107\_VID\_20211110T151000Z\_CPHD.mov; EX2107\_VID\_20211110T151000Z\_ROVHD.mov; EX2107\_VID\_20211110T151132Z\_D11\_02W\_08.mov;

**FrameGrab Images:** EX2107\_IMG\_20211110T150810Z\_CPHD.jpg; EX2107\_IMG\_20211110T151137Z\_D11\_02W\_08.jpg; EX2107\_IMG\_20211110T151248Z\_ROVHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T161659\_D2\_DIVE11\_SPEC03BIO ( EX2107\_D11\_03B )

**Collection Date:** 20211110 **Collection Time:** 161659 **Lat and Long:** 23.96971 -81.79990

**Collection Reason:** Lab Assessment Required for ID **ROV Box Used:** Suction Canister 1

**Phylum:** Porifera **Field ID** Farreidae

**Preparation** 95% analytical EtOH **Depth m:** 1155.0 **Temp C** 4.401

**Preservative** 95% EtOH **Salinity:** 35.06 **Oxygen** 6.658

**Repository Info:** SNMNH **SubSample Repository:** SNMNH **Bio Rep Num:**

**Submersible Videos:**  
EX2107\_VID\_20211110T161000Z\_ROVHD.mov;  
EX2107\_VID\_20211110T161220Z\_PTMAN\_FSH\_SQD.mov;  
EX2107\_VID\_20211110T161231Z\_ROVHD2\_FSH\_SQD.mov;  
EX2107\_VID\_20211110T161459Z\_CPHD.mov; EX2107\_VID\_20211110T161459Z\_ROVHD.mov;  
EX2107\_VID\_20211110T161600Z\_D11\_03B\_11.mov;  
EX2107\_VID\_20211110T161604Z\_D11\_03B\_02.mov;  
EX2107\_VID\_20211110T161604Z\_D11\_03B\_04.mov;

**FrameGrab Images:**  
EX2107\_IMG\_20211110T160249Z\_ROVHD.jpg; EX2107\_IMG\_20211110T160506Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T160603Z\_ROVHD.jpg; EX2107\_IMG\_20211110T160657Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T160828Z\_ROVHD.jpg; EX2107\_IMG\_20211110T160938Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T161039Z\_ROVHD.jpg; EX2107\_IMG\_20211110T161057Z\_CPHD.jpg;  
EX2107\_IMG\_20211110T161232Z\_PTMAN\_FSH\_SQD.jpg;  
EX2107\_IMG\_20211110T161239Z\_PTMAN\_FSH\_SQD.jpg;  
EX2107\_IMG\_20211110T161249Z\_ROVHD2\_FSH\_SQD.jpg;  
EX2107\_IMG\_20211110T161322Z\_ROVHD.jpg; EX2107\_IMG\_20211110T161529Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T161618Z\_D11\_03B\_04.jpg;  
EX2107\_IMG\_20211110T161626Z\_D11\_03B\_11.jpg; EX2107\_IMG\_20211110T161641Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T161643Z\_D11\_03B\_02.jpg; EX2107\_IMG\_20211110T160226Z\_ROVHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

<b>Spec ID</b>	EX2107_20211110T161659_D2_DIVE11_SPEC03BIO_A01	(	EX2107_D11_03B_A01	)		
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	161659	<b>Lat and Long:</b>	23.96971	-81.79990
<b>Collection Reason:</b>		<b>ROV Box Used:</b>				
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Zoantharia			
<b>Preparation</b>	Formalin	<b>Depth m:</b>	1155.0	<b>Temp C</b>	4.401	
<b>Preservative</b>	5% Formalin	<b>Salinity:</b>	35.06	<b>Oxygen</b>	6.658	
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>						
<b>FrameGrab Images:</b>						
<b>Lab Camera Images:</b>						
<b>Microscope Images:</b>						
<b>Microscope Videos:</b>						

<b>Spec ID</b>	EX2107_20211110T161659_D2_DIVE11_SPEC03BIO_A02	(	EX2107_D11_03B_A02	)		
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	161659	<b>Lat and Long:</b>	23.96971	-81.79990
<b>Collection Reason:</b>		<b>ROV Box Used:</b>				
<b>Phylum:</b>	Annelida	<b>Field ID</b>	Polychaeta			
<b>Preparation</b>	Formalin	<b>Depth m:</b>	1155.0	<b>Temp C</b>	4.401	
<b>Preservative</b>	5% Formalin	<b>Salinity:</b>	35.06	<b>Oxygen</b>	6.658	
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>						
<b>FrameGrab Images:</b>						
<b>Lab Camera Images:</b>						
<b>Microscope Images:</b>						
<b>Microscope Videos:</b>						

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11			
<b>Dive Location</b>	Key West Scarp-Florida Strait					
<b>Spec ID</b>	EX2107_20211110T161659_D2_DIVE11_SPEC03BIO_A03		( EX2107_D11_03B_A03 )			
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	161659	<b>Lat and Long:</b>	23.96971	-81.79990
<b>Collection Reason:</b>			<b>ROV Box Used:</b>			
<b>Phylum:</b>	Arthropoda	<b>Field ID</b>	Amphipoda			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	1155.0	<b>Temp C</b>	4.401
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	35.06	<b>Oxygen</b>	6.658
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>						
<b>FrameGrab Images:</b>						
<b>Lab Camera Images:</b>						
<b>Microscope Images:</b>						
<b>Microscope Videos:</b>						

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T171046\_D2\_DIVE11\_SPEC04BIO ( EX2107\_D11\_04B )

**Collection Date:** 20211110 **Collection Time:** 171046 **Lat and Long:** 23.96979 -81.80013

**Collection Reason:** New or Unusual Morphotype **ROV Box Used:** Port Inboard Bio Box

**Phylum:** Porifera **Field ID** Chondrocladia

**Preparation** 95% analytical EtOH **Depth m:** 1137.1 **Temp C** 4.492

**Preservative** 95% EtOH **Salinity:** 35.024 **Oxygen** 6.507

**Repository Info:** SNMNH **SubSample Repository:** SNMNH **Bio Rep Num:**

**Submersible Videos:** EX2107\_VID\_20211110T165000Z\_ROVHD.mov; EX2107\_VID\_20211110T165459Z\_ROVHD.mov; EX2107\_VID\_20211110T170000Z\_ROVHD.mov; EX2107\_VID\_20211110T170047Z\_D11\_04B\_02.mov; EX2107\_VID\_20211110T170459Z\_CPHD.mov; EX2107\_VID\_20211110T170459Z\_ROVHD.mov; EX2107\_VID\_20211110T170608Z\_D11\_04B\_02.mov; EX2107\_VID\_20211110T170948Z\_D11\_04B\_04.mov; EX2107\_VID\_20211110T171000Z\_ROVHD.mov; EX2107\_VID\_20211110T171459Z\_ROVHD.mov;

**FrameGrab Images:** EX2107\_IMG\_20211110T165109Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165206Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165219Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165420Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165605Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165610Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165655Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165709Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165758Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165842Z\_ROVHD.jpg; EX2107\_IMG\_20211110T165909Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170018Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170145Z\_D11\_04B\_02.jpg; EX2107\_IMG\_20211110T170153Z\_CPHD.jpg; EX2107\_IMG\_20211110T170156Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170221Z\_D11\_04B\_02.jpg; EX2107\_IMG\_20211110T170243Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170254Z\_D11\_04B\_02.jpg; EX2107\_IMG\_20211110T170408Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170424Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170517Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170613Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170618Z\_CPHD.jpg; EX2107\_IMG\_20211110T170656Z\_D11\_04B\_02.jpg; EX2107\_IMG\_20211110T170714Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170731Z\_ROVHD.jpg; EX2107\_IMG\_20211110T170801Z\_D11\_04B\_02.jpg; EX2107\_IMG\_20211110T170955Z\_D11\_04B\_04.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11		
<b>Dive Location</b>	Key West Scarp-Florida Strait				
<b>Spec ID</b>	EX2107_20211110T172010_D2_DIVE11_SPEC05WAT		( EX2107_D11_05W )		
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	172010	<b>Lat and Long:</b>	23.96983 -81.80007
<b>Collection Reason:</b>	eDNA		<b>ROV Box Used:</b>	Niskin Bottle 3	
<b>Phylum:</b>		<b>Field ID</b>			
<b>Preparation</b>			<b>Depth m:</b>	1131.0	<b>Temp C</b> 4.432
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.05	<b>Oxygen</b> 6.536
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>			<b>Bio Rep Num:</b>
<b>Submersible Videos:</b>	EX2107_VID_20211110T171459Z_CPHD.mov; EX2107_VID_20211110T171459Z_ROVHD.mov; EX2107_VID_20211110T171932Z_D11_05W_08.mov; EX2107_VID_20211110T172000Z_ROVHD.mov;				
<b>FrameGrab Images:</b>	EX2107_IMG_20211110T172001Z_D11_05W_08.jpg; EX2107_IMG_20211110T172015Z_CPHD.jpg; EX2107_IMG_20211110T172017Z_ROVHD.jpg;				
<b>Lab Camera Images:</b>					
<b>Microscope Images:</b>					
<b>Microscope Videos:</b>					

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T175603\_D2\_DIVE11\_SPEC06BIO ( EX2107\_D11\_06B )

**Collection Date:** 20211110 **Collection Time:** 175603 **Lat and Long:** 23.96988 -81.80013

**Collection Reason:** Potential Undescribed Species **ROV Box Used:** Suction Canister 2

**Phylum:** Porifera **Field ID** Farreidae

**Preparation** 95% analytical EtOH **Depth m:** 1126.1 **Temp C** 4.430

**Preservative** 95% EtOH **Salinity:** 35.8 **Oxygen** 6.533

**Repository Info:** SNMNH **SubSample Repository:** SNMNH **Bio Rep Num:**

**Submersible Videos:** EX2107\_VID\_20211110T174000Z\_ROVHD.mov; EX2107\_VID\_20211110T174459Z\_ROVHD.mov; EX2107\_VID\_20211110T175000Z\_CPHD.mov; EX2107\_VID\_20211110T175000Z\_ROVHD.mov; EX2107\_VID\_20211110T175230Z\_D11\_06B\_02.mov; EX2107\_VID\_20211110T175459Z\_ROVHD.mov; EX2107\_VID\_20211110T175551Z\_D11\_06B\_11.mov;

**FrameGrab Images:** EX2107\_IMG\_20211110T173905Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174042Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174138Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174146Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174215Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174309Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174324Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174529Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174619Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174638Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174815Z\_ROVHD.jpg; EX2107\_IMG\_20211110T175014Z\_CPHD.jpg; EX2107\_IMG\_20211110T175016Z\_ROVHD.jpg; EX2107\_IMG\_20211110T175231Z\_D11\_06B\_02.jpg; EX2107\_IMG\_20211110T175242Z\_ROVHD.jpg; EX2107\_IMG\_20211110T175416Z\_D11\_06B\_02.jpg; EX2107\_IMG\_20211110T175505Z\_D11\_06B\_02.jpg; EX2107\_IMG\_20211110T175559Z\_ROVHD.jpg; EX2107\_IMG\_20211110T175602Z\_D11\_06B\_11.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11			
<b>Dive Location</b>	Key West Scarp-Florida Strait					
<b>Spec ID</b>	EX2107_20211110T175603_D2_DIVE11_SPEC06BIO_A01		( EX2107_D11_06B_A01 )			
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	175603	<b>Lat and Long:</b>	23.96988	-81.80013
<b>Collection Reason:</b>			<b>ROV Box Used:</b>			
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Zoantharia			
<b>Preparation</b>	Formalin		<b>Depth m:</b>	1126.1	<b>Temp C</b>	4.430
<b>Preservative</b>	5% Formalin		<b>Salinity:</b>	35.8	<b>Oxygen</b>	6.533
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>						
<b>FrameGrab Images:</b>						
<b>Lab Camera Images:</b>						
<b>Microscope Images:</b>						
<b>Microscope Videos:</b>						



<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T180003\_D2\_DIVE11\_SPEC07BIO ( EX2107\_D11\_07B )

**Collection Date:** 20211110 **Collection Time:** 180003 **Lat and Long:** 23.96988 -81.80013

**Collection Reason:** Potential Undescribed Species **ROV Box Used:** Suction Canister 3

**Phylum:** Porifera **Field ID** Abyssocladia

**Preparation** 95% analytical EtOH **Depth m:** 1126.0 **Temp C** 4.444

**Preservative** 95% EtOH **Salinity:** 35.806 **Oxygen** 6.529

**Repository Info:** SNMNH **SubSample Repository:** SNMNH **Bio Rep Num:**

**Submersible Videos:** EX2107\_VID\_20211110T174000Z\_ROVHD.mov; EX2107\_VID\_20211110T174459Z\_ROVHD.mov;  
EX2107\_VID\_20211110T175000Z\_ROVHD.mov;  
EX2107\_VID\_20211110T175230Z\_D11\_06B\_02.mov; EX2107\_VID\_20211110T175459Z\_CPHD.mov;  
EX2107\_VID\_20211110T175459Z\_ROVHD.mov;  
EX2107\_VID\_20211110T175551Z\_D11\_06B\_11.mov;  
EX2107\_VID\_20211110T175850Z\_D11\_07B\_02.mov;  
EX2107\_VID\_20211110T175853Z\_D11\_07B\_11.mov;  
EX2107\_VID\_20211110T180000Z\_ROVHD.mov;

**FrameGrab Images:** EX2107\_IMG\_20211110T173905Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174042Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T174138Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174146Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T174215Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174309Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T174324Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174529Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T174619Z\_ROVHD.jpg; EX2107\_IMG\_20211110T174638Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T174815Z\_ROVHD.jpg; EX2107\_IMG\_20211110T175016Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T175231Z\_D11\_06B\_02.jpg; EX2107\_IMG\_20211110T175242Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T175416Z\_D11\_06B\_02.jpg;  
EX2107\_IMG\_20211110T175505Z\_D11\_06B\_02.jpg; EX2107\_IMG\_20211110T175559Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T175602Z\_D11\_06B\_11.jpg; EX2107\_IMG\_20211110T175744Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T175823Z\_ROVHD.jpg; EX2107\_IMG\_20211110T175901Z\_D11\_07B\_11.jpg;  
EX2107\_IMG\_20211110T175915Z\_D11\_07B\_02.jpg; EX2107\_IMG\_20211110T180009Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T180019Z\_CPHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11			
<b>Dive Location</b>	Key West Scarp-Florida Strait					
<b>Spec ID</b>	EX2107_20211110T181243_D2_DIVE11_SPEC08BIO		( EX2107_D11_08B )			
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	181243	<b>Lat and Long:</b>	23.96987 -81.80013	
<b>Collection Reason:</b>	New or Unusual Morphotype		<b>ROV Box Used:</b>	Starboard Inboard Bio Box		
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Chrysogorgiidae			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	1126.0	<b>Temp C</b>	4.443
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	35.825	<b>Oxygen</b>	6.512
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2107_VID_20211110T174000Z_ROVHD.mov; EX2107_VID_20211110T174459Z_ROVHD.mov; EX2107_VID_20211110T175000Z_ROVHD.mov; EX2107_VID_20211110T175230Z_D11_06B_02.mov; EX2107_VID_20211110T175459Z_ROVHD.mov; EX2107_VID_20211110T175551Z_D11_06B_11.mov; EX2107_VID_20211110T175850Z_D11_07B_02.mov; EX2107_VID_20211110T175853Z_D11_07B_11.mov; EX2107_VID_20211110T180000Z_ROVHD.mov; EX2107_VID_20211110T180459Z_CPHD.mov; EX2107_VID_20211110T180459Z_ROVHD.mov; EX2107_VID_20211110T180906Z_D11_08B_02.mov; EX2107_VID_20211110T181000Z_ROVHD.mov; EX2107_VID_20211110T181137Z_D11_08B_05.mov;					
<b>FrameGrab Images:</b>	EX2107_IMG_20211110T173905Z_ROVHD.jpg; EX2107_IMG_20211110T174042Z_ROVHD.jpg; EX2107_IMG_20211110T174138Z_ROVHD.jpg; EX2107_IMG_20211110T174146Z_ROVHD.jpg; EX2107_IMG_20211110T174215Z_ROVHD.jpg; EX2107_IMG_20211110T174309Z_ROVHD.jpg; EX2107_IMG_20211110T174324Z_ROVHD.jpg; EX2107_IMG_20211110T174529Z_ROVHD.jpg; EX2107_IMG_20211110T174619Z_ROVHD.jpg; EX2107_IMG_20211110T174638Z_ROVHD.jpg; EX2107_IMG_20211110T174815Z_ROVHD.jpg; EX2107_IMG_20211110T175016Z_ROVHD.jpg; EX2107_IMG_20211110T175231Z_D11_06B_02.jpg; EX2107_IMG_20211110T175242Z_ROVHD.jpg; EX2107_IMG_20211110T175416Z_D11_06B_02.jpg; EX2107_IMG_20211110T175505Z_D11_06B_02.jpg; EX2107_IMG_20211110T175559Z_ROVHD.jpg; EX2107_IMG_20211110T175602Z_D11_06B_11.jpg; EX2107_IMG_20211110T175744Z_ROVHD.jpg; EX2107_IMG_20211110T175823Z_ROVHD.jpg; EX2107_IMG_20211110T175901Z_D11_07B_11.jpg; EX2107_IMG_20211110T175915Z_D11_07B_02.jpg; EX2107_IMG_20211110T180009Z_ROVHD.jpg; EX2107_IMG_20211110T180107Z_ROVHD.jpg; EX2107_IMG_20211110T180454Z_ROVHD.jpg; EX2107_IMG_20211110T180520Z_ROVHD.jpg; EX2107_IMG_20211110T180609Z_ROVHD.jpg; EX2107_IMG_20211110T180610Z_CPHD.jpg; EX2107_IMG_20211110T180923Z_D11_08B_02.jpg; EX2107_IMG_20211110T180955Z_ROVHD.jpg; EX2107_IMG_20211110T181016Z_D11_08B_02.jpg; EX2107_IMG_20211110T181042Z_ROVHD.jpg; EX2107_IMG_20211110T181110Z_D11_08B_02.jpg;					

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

<b>Lab Camera Images:</b>	EX2107_IMG_20211110T181158Z_D11_08B_05.jpg; EX2107_IMG_20211110T181219Z_D11_08B_02.jpg;
<b>Microscope Images:</b>	
<b>Microscope Videos:</b>	

<b>Spec ID</b>	EX2107_20211110T184302_D2_DIVE11_SPEC09BIO	(	EX2107_D11_09B	)		
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	184302	<b>Lat and Long:</b>	23.96995	-81.80025
<b>Collection Reason:</b>	Lab Assessment Required for ID	<b>ROV Box Used:</b>	Suction Canister 4			
<b>Phylum:</b>	Porifera	<b>Field ID</b>	Hyalonema			
<b>Preparation</b>	95% analytical EtOH	<b>Depth m:</b>	1116.7	<b>Temp C</b>	4.459	
<b>Preservative</b>	95% EtOH	<b>Salinity:</b>	35.865	<b>Oxygen</b>	6.489	
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2107_VID_20211110T183459Z_ROVHD.mov; EX2107_VID_20211110T184000Z_CPHD.mov; EX2107_VID_20211110T184000Z_ROVHD.mov; EX2107_VID_20211110T184142Z_D11_09B_02.mov; EX2107_VID_20211110T184224Z_D11_09B_11.mov; EX2107_VID_20211110T184459Z_ROVHD.mov;					
<b>FrameGrab Images:</b>	EX2107_IMG_20211110T183613Z_ROVHD.jpg; EX2107_IMG_20211110T183808Z_ROVHD.jpg; EX2107_IMG_20211110T184004Z_CPHD.jpg; EX2107_IMG_20211110T184043Z_ROVHD.jpg; EX2107_IMG_20211110T184209Z_ROVHD.jpg; EX2107_IMG_20211110T184234Z_D11_09B_02.jpg; EX2107_IMG_20211110T184242Z_D11_09B_11.jpg; EX2107_IMG_20211110T184438Z_ROVHD.jpg; EX2107_IMG_20211110T184644Z_ROVHD.jpg;					
<b>Lab Camera Images:</b>						
<b>Microscope Images:</b>						
<b>Microscope Videos:</b>						

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T184302\_D2\_DIVE11\_SPEC09BIO\_A01 ( EX2107\_D11\_09B\_A01 )

**Collection Date:** 20211110 **Collection Time:** 184302 **Lat and Long:** 23.96995 -81.80025

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Cnidaria **Field ID** Zoantharia

**Preparation** Formalin **Depth m:** 1116.7 **Temp C** 4.459

**Preservative** 5% Formalin **Salinity:** 35.865 **Oxygen** 6.489

**Repository Info:** SNMNH **SubSample Repository:** SNMNH **Bio Rep Num:**

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

**Spec ID** EX2107\_20211110T184302\_D2\_DIVE11\_SPEC09BIO\_A02 ( EX2107\_D11\_09B\_A02 )

**Collection Date:** 20211110 **Collection Time:** 184302 **Lat and Long:** 23.96995 -81.80025

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Arthropoda **Field ID** Paguridae

**Preparation** 95% analytical EtOH **Depth m:** 1116.7 **Temp C** 4.459

**Preservative** 95% EtOH **Salinity:** 35.865 **Oxygen** 6.489

**Repository Info:** SNMNH **SubSample Repository:**  **Bio Rep Num:**

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T185447\_D2\_DIVE11\_SPEC10WAT ( EX2107\_D11\_10W )

**Collection Date:** 20211110 **Collection Time:** 185447 **Lat and Long:** 23.96998 -81.80026

**Collection Reason:** eDNA **ROV Box Used:** Niskin Bottle 4

**Phylum:**  **Field ID**

**Preparation**  **Depth m:** 1115.2 **Temp C** 4.462

**Preservative** Longmire's Buffer Solution **Salinity:** 35.894 **Oxygen** 6.484

**Repository Info:** SNMNH **SubSample Repository:**  **Bio Rep Num:**

**Submersible Videos:** EX2107\_VID\_20211110T185000Z\_CPHD.mov; EX2107\_VID\_20211110T185000Z\_ROVHD.mov;  
EX2107\_VID\_20211110T185430Z\_D11\_10W\_08.mov;  
EX2107\_VID\_20211110T185459Z\_ROVHD.mov;

**FrameGrab Images:** EX2107\_IMG\_20211110T185250Z\_CPHD.jpg; EX2107\_IMG\_20211110T185252Z\_ROVHD.jpg;  
EX2107\_IMG\_20211110T185422Z\_ROVHD.jpg; EX2107\_IMG\_20211110T185447Z\_D11\_10W\_08.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11		
<b>Dive Location</b>	Key West Scarp-Florida Strait				
<b>Spec ID</b>	EX2107_20211110T191758_D2_DIVE11_SPEC11BIO		( EX2107_D11_11B )		
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	191758	<b>Lat and Long:</b>	23.96997 -81.80020
<b>Collection Reason:</b>	Potential Undescribed Species		<b>ROV Box Used:</b>	Port Outboard Bio Box	
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Chrysogorgia		
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	1114.1	<b>Temp C</b> 4.470
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	35.905	<b>Oxygen</b> 6.447
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2107_VID_20211110T190459Z_ROVHD.mov; EX2107_VID_20211110T191000Z_CPHD.mov; EX2107_VID_20211110T191000Z_ROVHD.mov; EX2107_VID_20211110T191448Z_D11_11B_02.mov; EX2107_VID_20211110T191459Z_ROVHD.mov; EX2107_VID_20211110T191511Z_D11_11B_04.mov;				
<b>FrameGrab Images:</b>	EX2107_IMG_20211110T190748Z_ROVHD.jpg; EX2107_IMG_20211110T190857Z_ROVHD.jpg; EX2107_IMG_20211110T191029Z_ROVHD.jpg; EX2107_IMG_20211110T191147Z_ROVHD.jpg; EX2107_IMG_20211110T191325Z_ROVHD.jpg; EX2107_IMG_20211110T191516Z_D11_11B_04.jpg; EX2107_IMG_20211110T191518Z_ROVHD.jpg; EX2107_IMG_20211110T191528Z_D11_11B_02.jpg; EX2107_IMG_20211110T191552Z_CPHD.jpg; EX2107_IMG_20211110T191556Z_D11_11B_02.jpg; EX2107_IMG_20211110T191640Z_D11_11B_04.jpg; EX2107_IMG_20211110T191647Z_D11_11B_02.jpg; EX2107_IMG_20211110T191805Z_D11_11B_04.jpg;				
<b>Lab Camera Images:</b>					
<b>Microscope Images:</b>					
<b>Microscope Videos:</b>					

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T194248\_D2\_DIVE11\_SPEC12BIO ( EX2107\_D11\_12B )

**Collection Date:** 20211110 **Collection Time:** 194248 **Lat and Long:** 23.96998 -81.80023

**Collection Reason:** Characteristic of Site **ROV Box Used:** Suction Canister 5

**Phylum:** Cnidaria **Field ID** Solenosmilia

**Preparation** 95% analytical EtOH **Depth m:** 1113.7 **Temp C** 4.478

**Preservative** 95% EtOH **Salinity:** 35.915 **Oxygen** 6.448

**Repository Info:** SNMNH **SubSample Repository:** SNMNH **Bio Rep Num:**

**Submersible Videos:** EX2107\_VID\_20211110T192459Z\_ROVHD.mov; EX2107\_VID\_20211110T193000Z\_ROVHD.mov; EX2107\_VID\_20211110T193459Z\_ROVHD.mov; EX2107\_VID\_20211110T194000Z\_CPHD.mov; EX2107\_VID\_20211110T194000Z\_ROVHD.mov; EX2107\_VID\_20211110T194050Z\_D11\_12B\_02.mov; EX2107\_VID\_20211110T194224Z\_D11\_12B\_11.mov;

**FrameGrab Images:** EX2107\_IMG\_20211110T192810Z\_ROVHD.jpg; EX2107\_IMG\_20211110T192859Z\_ROVHD.jpg; EX2107\_IMG\_20211110T193010Z\_ROVHD.jpg; EX2107\_IMG\_20211110T193209Z\_ROVHD.jpg; EX2107\_IMG\_20211110T193537Z\_ROVHD.jpg; EX2107\_IMG\_20211110T193817Z\_ROVHD.jpg; EX2107\_IMG\_20211110T194028Z\_ROVHD.jpg; EX2107\_IMG\_20211110T194044Z\_ROVHD.jpg; EX2107\_IMG\_20211110T194122Z\_D11\_12B\_02.jpg; EX2107\_IMG\_20211110T194133Z\_CPHD.jpg; EX2107\_IMG\_20211110T194307Z\_D11\_12B\_11.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11		
<b>Dive Location</b>	Key West Scarp-Florida Strait				
<b>Spec ID</b>	EX2107_20211110T200653_D2_DIVE11_SPEC13BIO		( EX2107_D11_13B )		
<b>Collection Date:</b>	20211110	<b>Collection Time:</b>	200653	<b>Lat and Long:</b>	23.97004 -81.80022
<b>Collection Reason:</b>	Rare Fauna		<b>ROV Box Used:</b>	Starboard Outboard Bio Box	
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Acanella aurelia		
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	1113.9	<b>Temp C</b> 4.473
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	35.925	<b>Oxygen</b> 6.460
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2107_VID_20211110T195000Z_ROVHD.mov; EX2107_VID_20211110T195459Z_ROVHD.mov; EX2107_VID_20211110T200000Z_CPHD.mov; EX2107_VID_20211110T200000Z_ROVHD.mov; EX2107_VID_20211110T200138Z_D11_13B_02.mov; EX2107_VID_20211110T200150Z_D11_13B_04.mov; EX2107_VID_20211110T200459Z_ROVHD.mov;				
<b>FrameGrab Images:</b>	EX2107_IMG_20211110T195336Z_ROVHD.jpg; EX2107_IMG_20211110T195417Z_ROVHD.jpg; EX2107_IMG_20211110T195510Z_ROVHD.jpg; EX2107_IMG_20211110T195631Z_ROVHD.jpg; EX2107_IMG_20211110T195934Z_ROVHD.jpg; EX2107_IMG_20211110T195952Z_ROVHD.jpg; EX2107_IMG_20211110T200013Z_ROVHD.jpg; EX2107_IMG_20211110T200058Z_CPHD.jpg; EX2107_IMG_20211110T200113Z_ROVHD.jpg; EX2107_IMG_20211110T200203Z_D11_13B_02.jpg; EX2107_IMG_20211110T200228Z_ROVHD.jpg; EX2107_IMG_20211110T200233Z_D11_13B_04.jpg; EX2107_IMG_20211110T200343Z_D11_13B_02.jpg; EX2107_IMG_20211110T200627Z_D11_13B_02.jpg;				
<b>Lab Camera Images:</b>					
<b>Microscope Images:</b>					
<b>Microscope Videos:</b>					



<b>Cruise ID</b>	EX2107	<b>Dive ID</b>	DIVE11
<b>Dive Location</b>	Key West Scarp-Florida Strait		

**Spec ID** EX2107\_20211110T200653\_D2\_DIVE11\_SPEC13BIO\_A01 ( EX2107\_D11\_13B\_A01 )

**Collection Date:** 20211110 **Collection Time:** 200653 **Lat and Long:** 23.97004 -81.80022

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Arthropoda **Field ID** Uroptychus

**Preparation** 95% analytical EtOH **Depth m:** 1113.9 **Temp C** 4.473

**Preservative** 95% EtOH **Salinity:** 35.925 **Oxygen** 6.460

**Repository Info:** SNMNH **SubSample Repository:** SNMNH **Bio Rep Num:**

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

**Spec ID** EX2107\_20211110T203457\_D2\_DIVE11\_SPEC14WAT ( EX2107\_D11\_14W )

**Collection Date:** 20211110 **Collection Time:** 203457 **Lat and Long:** 23.97042 -81.80019

**Collection Reason:** eDNA **ROV Box Used:** Niskin Bottle 5

**Phylum:**  **Field ID**

**Preparation**  **Depth m:** 1111.1 **Temp C** 4.479

**Preservative** Longmire's Buffer Solution **Salinity:** 35.93 **Oxygen** 6.414

**Repository Info:** SNMNH **SubSample Repository:**  **Bio Rep Num:**

**Submersible Videos:** EX2107\_VID\_20211110T203000Z\_CPHD.mov; EX2107\_VID\_20211110T203000Z\_ROVHD.mov; EX2107\_VID\_20211110T203359Z\_D11\_14W\_08.mov;

**FrameGrab Images:** EX2107\_IMG\_20211110T203117Z\_CPHD.jpg; EX2107\_IMG\_20211110T203138Z\_ROVHD.jpg; EX2107\_IMG\_20211110T203225Z\_ROVHD.jpg; EX2107\_IMG\_20211110T203252Z\_ROVHD.jpg; EX2107\_IMG\_20211110T203334Z\_ROVHD.jpg; EX2107\_IMG\_20211110T203413Z\_D11\_14W\_08.jpg; EX2107\_IMG\_20211110T203413Z\_ROVHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**