

Cruise ID	EX2206	Dive ID	DIVE09
Dive Location	Main Ridge - Puerto Rico Trench		

Spec ID  (  )

Collection Date:  Collection Time:  Lat and Long:

Collection Reason:  ROV Box Used:

Phylum:  Field ID

Preparation  Depth m:  Temp C

Preservative  Salinity:  Oxygen

Repository Info:  SubSample Repository:  Bio Rep Num:

Submersible Videos:

FrameGrab Images:

Lab Camera Images:

Microscope Images:

Microscope Videos:

Spec ID  (  )

Collection Date:  Collection Time:  Lat and Long:

Collection Reason:  ROV Box Used:

Phylum:  Field ID

Preparation  Depth m:  Temp C

Preservative  Salinity:  Oxygen

Repository Info:  SubSample Repository:  Bio Rep Num:

Submersible Videos:

FrameGrab Images:

Lab Camera Images:

Microscope Images:

Microscope Videos:



<b>Cruise ID</b>	EX2206	<b>Dive ID</b>	DIVE09
<b>Dive Location</b>	Main Ridge - Puerto Rico Trench		

**Spec ID** EX2206\_20220831T161632\_D2\_DIVE09\_SPEC02BIO ( EX2206\_D09\_02B )

**Collection Date:** 20220831 **Collection Time:** 161632 **Lat and Long:** 19.36364 -65.32938

**Collection Reason:** Rare Fauna **ROV Box Used:** Port Inboard Bio Box

**Phylum:** Cnidaria **Field ID** Anemone

**Preparation** Formalin **Depth m:** 5981.2 **Temp C** 2.032

**Preservative** 95% EtOH **Salinity:** 34.612 **Oxygen** 7.207

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

**Submersible Videos:** EX2206\_VID\_20220831T161000Z\_CPHD.mov; EX2206\_VID\_20220831T161000Z\_ROVHD.mov; EX2206\_VID\_20220831T161459Z\_CPHD.mov; EX2206\_VID\_20220831T161459Z\_ROVHD.mov; EX2206\_VID\_20220831T161542Z\_D09\_02B\_02.mov; EX2206\_VID\_20220831T161542Z\_D09\_02B\_04.mov;

**FrameGrab Images:** EX2206\_IMG\_20220831T161501Z\_ROVHD.jpg; EX2206\_IMG\_20220831T161522Z\_ROVHD.jpg; EX2206\_IMG\_20220831T161528Z\_CPHD.jpg; EX2206\_IMG\_20220831T161544Z\_ROVHD.jpg; EX2206\_IMG\_20220831T161557Z\_D09\_02B\_02.jpg; EX2206\_IMG\_20220831T161608Z\_D09\_02B\_04.jpg; EX2206\_IMG\_20220831T161618Z\_D09\_02B\_04.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

**Spec ID** EX2206\_20220831T161632\_D2\_DIVE09\_SPEC02BIO\_A01 ( EX2206\_D09\_02B\_A01 )

**Collection Date:** 20220831 **Collection Time:** 161632 **Lat and Long:** 19.36364 -65.32938

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

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

**Preparation** **Depth m:** 5981.2 **Temp C** 2.032

**Preservative** **Salinity:** 34.612 **Oxygen** 7.207

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L05.jpg; EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L06.jpg; EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L07.jpg; EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L08.jpg; EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L09.jpg; EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L01.jpg; EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L02.jpg; EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L03.jpg; EX2206\_IMG\_20220901T161632Z\_SMPWLF\_D09\_02B\_A02\_L04.jpg;

**Microscope Images:**

**Microscope Videos:**



<b>Cruise ID</b>	EX2206	<b>Dive ID</b>	DIVE09
<b>Dive Location</b>	Main Ridge - Puerto Rico Trench		

**Spec ID** EX2206\_20220831T164720\_D2\_DIVE09\_SPEC03BIO ( EX2206\_D09\_03B )

**Collection Date:** 20220831 **Collection Time:** 164720 **Lat and Long:** 19.36423 -65.32918

**Collection Reason:** Rare Fauna **ROV Box Used:** Suction Canister 1

**Phylum:** Porifera **Field ID** Asbestopluma

**Preparation** **Depth m:** 5951.0 **Temp C** 2.021

**Preservative** **Salinity:** 34.598 **Oxygen** 6.993

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

**Submersible Videos:** EX2206\_VID\_20220831T164000Z\_ROVHD.mov;  
EX2206\_VID\_20220831T164454Z\_PTMAN\_SPO\_CARNIVOROUS\_AUD.mov;  
EX2206\_VID\_20220831T164459Z\_CPHD.mov; EX2206\_VID\_20220831T164459Z\_ROVHD.mov;  
EX2206\_VID\_20220831T164627Z\_D09\_03B\_04.mov;  
EX2206\_VID\_20220831T164642Z\_D09\_03B\_11.mov;

**FrameGrab Images:** EX2206\_IMG\_20220831T164304Z\_ROVHD.jpg; EX2206\_IMG\_20220831T164340Z\_ROVHD.jpg;  
EX2206\_IMG\_20220831T164414Z\_ROVHD.jpg; EX2206\_IMG\_20220831T164522Z\_ROVHD.jpg;  
EX2206\_IMG\_20220831T164543Z\_PTMAN\_SPO\_CARNIVOROUS\_AUD.jpg;  
EX2206\_IMG\_20220831T164601Z\_ROVHD.jpg; EX2206\_IMG\_20220831T164602Z\_CPHD.jpg;  
EX2206\_IMG\_20220831T164627Z\_ROVHD.jpg;  
EX2206\_IMG\_20220831T164634Z\_D09\_03B\_04.jpg;  
EX2206\_IMG\_20220831T164650Z\_D09\_03B\_11.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**



<b>Cruise ID</b>	EX2206	<b>Dive ID</b>	DIVE09
<b>Dive Location</b>	Main Ridge - Puerto Rico Trench		

**Spec ID** EX2206\_20220831T164720\_D2\_DIVE09\_SPEC03BIO\_A01 ( EX2206\_D09\_03B\_A01 )

**Collection Date:** 20220831 **Collection Time:** 164720 **Lat and Long:** 19.36423 -65.32918

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

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

**Preparation**  **Depth m:** 5951.0 **Temp C** 2.021

**Preservative**  **Salinity:** 34.598 **Oxygen** 6.993

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L01.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L02.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L03.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L04.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L05.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L06.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L07.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L08.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L09.jpg;  
EX2206\_IMG\_20220901T164720Z\_SMPWLF\_D09\_03B\_A02\_L10.jpg;

**Microscope Images:**

**Microscope Videos:**

**Spec ID** EX2206\_20220831T173551\_D2\_DIVE09\_SPEC04WAT ( EX2206\_D09\_04W )

**Collection Date:** 20220831 **Collection Time:** 173551 **Lat and Long:** 19.36276 -65.32944

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

**Phylum:**  **Field ID** bottle 2 at 5000 m depth

**Preparation**  **Depth m:** 5003.0 **Temp C** 2.186

**Preservative** Longmire's Buffer Solution **Salinity:** 34.635 **Oxygen** 7.427

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

**Submersible Videos:** EX2206\_VID\_20220831T173547Z\_D09\_04W\_04.mov;  
EX2206\_VID\_20220831T173547Z\_D09\_04W\_05.mov;  
EX2206\_VID\_20220831T173547Z\_D09\_04W\_11.mov;

**FrameGrab Images:** EX2206\_IMG\_20220831T173553Z\_D09\_04W\_11.jpg;  
EX2206\_IMG\_20220831T173555Z\_D09\_04W\_05.jpg;  
EX2206\_IMG\_20220831T173604Z\_D09\_04W\_04.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**





<b>Cruise ID</b>	EX2206	<b>Dive ID</b>	DIVE09
<b>Dive Location</b>	Main Ridge - Puerto Rico Trench		

<b>Spec ID</b>	EX2206_20220831T182351_D2_DIVE09_SPEC05WAT	(	EX2206_D09_05W	)		
<b>Collection Date:</b>	20220831	<b>Collection Time:</b>	182351	<b>Lat and Long:</b>	19.35872	-65.32742
<b>Collection Reason:</b>	eDNA	<b>ROV Box Used:</b>	Niskin Bottle 3			
<b>Phylum:</b>		<b>Field ID</b>	bottle 3 at 3538 m depth			
<b>Preparation</b>		<b>Depth m:</b>	3526.8	<b>Temp C</b>	2.399	
<b>Preservative</b>	Longmire's Buffer Solution	<b>Salinity:</b>	34.694	<b>Oxygen</b>	7.843	
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2206_VID_20220831T182310Z_D09_05W_04.mov; EX2206_VID_20220831T182310Z_D09_05W_05.mov; EX2206_VID_20220831T182310Z_D09_05W_11.mov;					
<b>FrameGrab Images:</b>	EX2206_IMG_20220831T182319Z_D09_05W_05.jpg; EX2206_IMG_20220831T182322Z_D09_05W_11.jpg; EX2206_IMG_20220831T182326Z_D09_05W_04.jpg;					
<b>Lab Camera Images:</b>						
<b>Microscope Images:</b>						
<b>Microscope Videos:</b>						

<b>Spec ID</b>	EX2206_20220831T192911_D2_DIVE09_SPEC06WAT	(	EX2206_D09_06W	)		
<b>Collection Date:</b>	20220831	<b>Collection Time:</b>	192911	<b>Lat and Long:</b>	19.35774	-65.31750
<b>Collection Reason:</b>	eDNA	<b>ROV Box Used:</b>	Niskin Bottle 4			
<b>Phylum:</b>		<b>Field ID</b>	bottle 4 at 1500 m			
<b>Preparation</b>		<b>Depth m:</b>	1500.8	<b>Temp C</b>	4.413	
<b>Preservative</b>	Longmire's Buffer Solution	<b>Salinity:</b>	34.824	<b>Oxygen</b>	7.664	
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2206_VID_20220831T192852Z_D09_06W_04.mov; EX2206_VID_20220831T192852Z_D09_06W_05.mov; EX2206_VID_20220831T192852Z_D09_06W_11.mov;					
<b>FrameGrab Images:</b>	EX2206_IMG_20220831T192903Z_D09_06W_11.jpg; EX2206_IMG_20220831T192912Z_D09_06W_04.jpg; EX2206_IMG_20220831T192914Z_D09_06W_05.jpg;					
<b>Lab Camera Images:</b>						
<b>Microscope Images:</b>						
<b>Microscope Videos:</b>						



<b>Cruise ID</b>	EX2206	<b>Dive ID</b>	DIVE09		
<b>Dive Location</b>	Main Ridge - Puerto Rico Trench				
<b>Spec ID</b>	EX2206_20220831T195926_D2_DIVE09_SPEC07WAT		( EX2206_D09_07W )		
<b>Collection Date:</b>	20220831	<b>Collection Time:</b>	195926	<b>Lat and Long:</b>	19.35792 -65.31304
<b>Collection Reason:</b>	eDNA	<b>ROV Box Used:</b>	Niskin Bottle 5		
<b>Phylum:</b>		<b>Field ID</b>	bottle 5 at 530 m depth DSL		
<b>Preparation</b>		<b>Depth m:</b>	531.5	<b>Temp C</b>	12.143
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.318	<b>Oxygen</b> 3.922
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2206_VID_20220831T195903Z_D09_07W_04.mov; EX2206_VID_20220831T195903Z_D09_07W_05.mov; EX2206_VID_20220831T195903Z_D09_07W_11.mov;				
<b>FrameGrab Images:</b>	EX2206_IMG_20220831T195912Z_D09_07W_04.jpg; EX2206_IMG_20220831T195919Z_D09_07W_05.jpg; EX2206_IMG_20220831T195922Z_D09_07W_11.jpg;				
<b>Lab Camera Images:</b>					
<b>Microscope Images:</b>					
<b>Microscope Videos:</b>					

