

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE18
<b>Dive Location</b>	Astrerina Seamount		

**Spec ID** EX2104\_20210725T174509\_D2\_DIVE18\_SPEC01GEO ( EX2104\_D18\_01G )

**Collection Date:** 20210725 **Collection Time:** 174509 **Lat and Long:** 38.92691 -64.82038

**Collection Reason:** Characteristic of Site **ROV Box Used:** Port Forward Rock Box

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

**Preparation** Rinsed and Dried **Depth m:** 3793.0 **Temp C** 2.228

**Preservative** Rinsed and Dried **Salinity:** 34.887 **Oxygen** 7.897

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

**Submersible Videos:**  
 EX2104\_VID\_20210725T174000Z\_ROVHD.mov;  
 EX2104\_VID\_20210725T174427Z\_D18\_01G\_02.mov;  
 EX2104\_VID\_20210725T174445Z\_D18\_01G\_05.mov;  
 EX2104\_VID\_20210725T174447Z\_D18\_01G\_04.mov;  
 EX2104\_VID\_20210725T174459Z\_CPHD.mov; EX2104\_VID\_20210725T174459Z\_ROVHD.mov;

**FrameGrab Images:**  
 EX2104\_IMG\_20210725T174229Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210725T174439Z\_D18\_01G\_02.jpg;  
 EX2104\_IMG\_20210725T174500Z\_D18\_01G\_05.jpg;  
 EX2104\_IMG\_20210725T174500Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210725T174501Z\_D18\_01G\_04.jpg; EX2104\_IMG\_20210725T174629Z\_CPHD.jpg;

**Lab Camera Images:**  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L01.CR2;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L01.JPG;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L02.CR2;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L02.JPG;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L03.CR2;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L03.JPG;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L04.CR2;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L04.JPG;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L05.CR2;  
 EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_01G\_L05.JPG;

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE18		
<b>Dive Location</b>	Astrerina Seamount				
<b>Spec ID</b>	EX2104_20210725T181210_D2_DIVE18_SPEC02GEO		( EX2104_D18_02G )		
<b>Collection Date:</b>	20210725	<b>Collection Time:</b>	181210	<b>Lat and Long:</b>	38.92724 -64.82101
<b>Collection Reason:</b>	Characteristic of Site		<b>ROV Box Used:</b>	Port Inboard Bio Box	
<b>Phylum:</b>		<b>Field ID</b>	Rock		
<b>Preparation</b>	Rinsed and Dried		<b>Depth m:</b>	3788.8	<b>Temp C</b> 2.229
<b>Preservative</b>	Rinsed and Dried		<b>Salinity:</b>	34.887	<b>Oxygen</b> 7.986
<b>Repository Info:</b>	OSU	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2104_VID_20210725T180459Z_ROVHD.mov; EX2104_VID_20210725T181000Z_CPHD.mov; EX2104_VID_20210725T181000Z_ROVHD.mov; EX2104_VID_20210725T181104Z_D18_02G_05.mov; EX2104_VID_20210725T181126Z_D18_02G_04.mov;				
<b>FrameGrab Images:</b>	EX2104_IMG_20210725T180943Z_ROVHD.jpg; EX2104_IMG_20210725T181007Z_CPHD.jpg; EX2104_IMG_20210725T181022Z_ROVHD.jpg; EX2104_IMG_20210725T181037Z_ROVHD.jpg; EX2104_IMG_20210725T181113Z_D18_02G_05.jpg; EX2104_IMG_20210725T181122Z_ROVHD.jpg; EX2104_IMG_20210725T181145Z_D18_02G_04.jpg; EX2104_IMG_20210725T181158Z_D18_02G_04.jpg; EX2104_IMG_20210725T181158Z_D18_02G_05.jpg;				
<b>Lab Camera Images:</b>	EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L01.CR2; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L01.JPG; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L02.CR2; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L02.JPG; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L03.CR2; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L03.JPG; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L04.CR2; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L04.JPG; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L05.CR2; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L05.JPG; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L06.CR2; EX2104_IMG_20210725T181210Z_SMPSTL_D18_02G_L06.JPG;				
<b>Microscope Images:</b>					
<b>Microscope Videos:</b>					

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE18
<b>Dive Location</b>	Astrerina Seamount		

**Spec ID** EX2104\_20210725T181638\_D2\_DIVE18\_SPEC03BIO ( EX2104\_D18\_03B )

**Collection Date:** 20210725 **Collection Time:** 181638 **Lat and Long:** 38.92728 -64.82101

**Collection Reason:** Characteristic of Site **ROV Box Used:** Port Outboard Bio Box

**Phylum:** Cnidaria **Field ID** Pennatulacea

**Preparation** Formalin for 24 hours then switch to EtOH **Depth m:** 3785.6 **Temp C** 2.231

**Preservative** 70% EtOH **Salinity:** 34.887 **Oxygen** 8.037

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

**Submersible Videos:** EX2104\_VID\_20210725T181406Z\_D18\_03B\_04.mov;  
EX2104\_VID\_20210725T181424Z\_D18\_03B\_05.mov; EX2104\_VID\_20210725T181459Z\_CPHD.mov;  
EX2104\_VID\_20210725T181459Z\_ROVHD.mov;  
EX2104\_VID\_20210725T181538Z\_D18\_03B\_02.mov;

**FrameGrab Images:** EX2104\_IMG\_20210725T181427Z\_D18\_03B\_04.jpg;  
EX2104\_IMG\_20210725T181436Z\_D18\_03B\_05.jpg;  
EX2104\_IMG\_20210725T181510Z\_D18\_03B\_04.jpg;  
EX2104\_IMG\_20210725T181515Z\_D18\_03B\_05.jpg;  
EX2104\_IMG\_20210725T181519Z\_ROVHD.jpg;  
EX2104\_IMG\_20210725T181546Z\_D18\_03B\_02.jpg;  
EX2104\_IMG\_20210725T181546Z\_D18\_03B\_04.jpg;  
EX2104\_IMG\_20210725T181559Z\_ROVHD.jpg;  
EX2104\_IMG\_20210725T181601Z\_D18\_03B\_05.jpg;  
EX2104\_IMG\_20210725T181604Z\_D18\_03B\_04.jpg;  
EX2104\_IMG\_20210725T181609Z\_D18\_03B\_02.jpg;  
EX2104\_IMG\_20210725T181611Z\_D18\_03B\_05.jpg; EX2104\_IMG\_20210725T181648Z\_CPHD.jpg;

**Lab Camera Images:** EX2104\_IMG\_20210725T181638Z\_SMPSTL\_D18\_03B\_L01.CR2;  
EX2104\_IMG\_20210725T181638Z\_SMPSTL\_D18\_03B\_L01.JPG;  
EX2104\_IMG\_20210725T181638Z\_SMPSTL\_D18\_03B\_L02.CR2;  
EX2104\_IMG\_20210725T181638Z\_SMPSTL\_D18\_03B\_L02.JPG;  
EX2104\_IMG\_20210725T181638Z\_SMPSTL\_D18\_03B\_L03.CR2;  
EX2104\_IMG\_20210725T181638Z\_SMPSTL\_D18\_03B\_L03.JPG;  
EX2104\_IMG\_20210725T181638Z\_SMPSTL\_D18\_03B\_L04.CR2;  
EX2104\_IMG\_20210725T181638Z\_SMPSTL\_D18\_03B\_L04.JPG;

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE18
<b>Dive Location</b>	Astrerina Seamount		
<b>Spec ID</b>	EX2104_20210725T181638_D2_DIVE18_SPEC03BIO		( EX2104_D18_03B )
<b>Collection Date:</b>	20210725	<b>Collection Time:</b>	181638
	<b>Lat and Long:</b>		38.92728 -64.82101
<b>Collection Reason:</b>	Characteristic of Site	<b>ROV Box Used:</b>	Port Outboard Bio Box
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Pennatulacea
<b>Preparation</b>	Formalin for 24 hours then switch to EtOH	<b>Depth m:</b>	3785.6
		<b>Temp C</b>	2.231
<b>Preservative</b>	70% EtOH	<b>Salinity:</b>	34.887
		<b>Oxygen</b>	8.037
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH
		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2104_VID_20210725T181406Z_D18_03B_04.mov; EX2104_VID_20210725T181424Z_D18_03B_05.mov; EX2104_VID_20210725T181459Z_CPHD.mov; EX2104_VID_20210725T181459Z_ROVHD.mov; EX2104_VID_20210725T181538Z_D18_03B_02.mov;		
<b>FrameGrab Images:</b>	EX2104_IMG_20210725T181427Z_D18_03B_04.jpg; EX2104_IMG_20210725T181436Z_D18_03B_05.jpg; EX2104_IMG_20210725T181510Z_D18_03B_04.jpg; EX2104_IMG_20210725T181515Z_D18_03B_05.jpg; EX2104_IMG_20210725T181519Z_ROVHD.jpg; EX2104_IMG_20210725T181546Z_D18_03B_02.jpg; EX2104_IMG_20210725T181546Z_D18_03B_04.jpg; EX2104_IMG_20210725T181559Z_ROVHD.jpg; EX2104_IMG_20210725T181601Z_D18_03B_05.jpg; EX2104_IMG_20210725T181604Z_D18_03B_04.jpg; EX2104_IMG_20210725T181609Z_D18_03B_02.jpg; EX2104_IMG_20210725T181611Z_D18_03B_05.jpg; EX2104_IMG_20210725T181648Z_CPHD.jpg;		
<b>Lab Camera Images:</b>	EX2104_IMG_20210725T181638Z_SMPSTL_D18_03B_L01.CR2; EX2104_IMG_20210725T181638Z_SMPSTL_D18_03B_L01.JPG; EX2104_IMG_20210725T181638Z_SMPSTL_D18_03B_L02.CR2; EX2104_IMG_20210725T181638Z_SMPSTL_D18_03B_L02.JPG; EX2104_IMG_20210725T181638Z_SMPSTL_D18_03B_L03.CR2; EX2104_IMG_20210725T181638Z_SMPSTL_D18_03B_L03.JPG; EX2104_IMG_20210725T181638Z_SMPSTL_D18_03B_L04.CR2; EX2104_IMG_20210725T181638Z_SMPSTL_D18_03B_L04.JPG;		
<b>Microscope Images:</b>			
<b>Microscope Videos:</b>			

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE18
<b>Dive Location</b>	Astrerina Seamount		

**Spec ID** EX2104\_20210725T181638\_D2\_DIVE18\_SPEC03BIO\_A01 ( EX2104\_D18\_03B\_A01 )

**Collection Date:** 20210725 **Collection Time:** 181638 **Lat and Long:** 38.92728 -64.82101

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

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

**Preparation** Dried **Depth m:** 3785.6 **Temp C** 2.231

**Preservative** Dried **Salinity:** 34.887 **Oxygen** 8.037

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2104\_IMG\_20210725T174509Z\_SMPWLF\_D18\_03B\_A01\_L02.jpg;  
EX2104\_IMG\_20210725T174509Z\_SMPWLF\_D18\_03B\_A01\_L03.jpg;  
EX2104\_IMG\_20210725T174509Z\_SMPWLF\_D18\_03B\_A01\_L04.jpg;  
EX2104\_IMG\_20210725T174509Z\_SMPWLF\_D18\_03B\_A01\_L05.jpg;  
EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_03B\_A01\_L01.CR2;  
EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_03B\_A01\_L01.JPG;  
EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_03B\_A01\_L02.CR2;  
EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_03B\_A01\_L02.JPG;  
EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_03B\_A01\_L03.CR2;  
EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_03B\_A01\_L03.JPG;  
EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_03B\_A01\_L04.CR2;  
EX2104\_IMG\_20210725T174509Z\_SMPSTL\_D18\_03B\_A01\_L04.JPG;  
EX2104\_IMG\_20210725T174509Z\_SMPWLF\_D18\_03B\_A01\_L01.jpg;

**Microscope Images:**

**Microscope Videos:**