

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE05
<b>Dive Location</b>	Rockaway Seamount		

**Spec I** EX2104\_20210708T151948\_D2\_DIVE05\_SPEC01GEO ( EX2104\_D05\_01G )

**Collection Date:** 20210708 **Collection Time:** 151948 **Lat and Long** 35.81690 -52.30753

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

**Phylum:**  **Field ID** Deep Rock Sample

**Preparation** Rinsed and Dried **Depth m:** 4171.0 **Temp C** 2.245

**Preservative** Rinsed and Dried **Salinity:** 34.883 **Oxygen** 8.063

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

**Submersible Videos:**  
 EX2104\_VID\_20210708T150715Z\_PTMAN\_ROCKS.mov;  
 EX2104\_VID\_20210708T151000Z\_ROVHD.mov; EX2104\_VID\_20210708T151459Z\_CPHD.mov;  
 EX2104\_VID\_20210708T151459Z\_ROVHD.mov;  
 EX2104\_VID\_20210708T151644Z\_D05\_01G\_02.mov;  
 EX2104\_VID\_20210708T151708Z\_D05\_01G\_04.mov;  
 EX2104\_VID\_20210708T152000Z\_ROVHD.mov;

**FrameGrab Images:**  
 EX2104\_IMG\_20210708T150711Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T150735Z\_PTMAN\_ROCKS.jpg;  
 EX2104\_IMG\_20210708T151115Z\_ROVHD.jpg; EX2104\_IMG\_20210708T151337Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T151739Z\_CPHD.jpg; EX2104\_IMG\_20210708T151816Z\_D05\_01G\_02.jpg;  
 EX2104\_IMG\_20210708T151855Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T151927Z\_D05\_01G\_04.jpg;  
 EX2104\_IMG\_20210708T152208Z\_ROVHD.jpg;

**Lab Camera Images:**  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L01.CR2;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L01.JPG;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L02.CR2;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L02.JPG;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L03.CR2;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L03.JPG;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L04.CR2;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L04.JPG;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L05.CR2;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L05.JPG;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L06.CR2;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L06.JPG;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L07.CR2;  
 EX2104\_IMG\_20210708T151948Z\_SMPSTL\_D05\_01G\_L07.JPG;

**Microscope Images:**

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE05
<b>Dive Location</b>	Rockaway Seamount		

**Microscope Videos:**

**Spec I**  (  )

**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:** EX2104\_VID\_20210708T153000Z\_ROVHD.mov; EX2104\_VID\_20210708T153459Z\_ROVHD.mov;  
EX2104\_VID\_20210708T153628Z\_D05\_02B\_02.mov;  
EX2104\_VID\_20210708T153752Z\_D05\_02B\_04.mov;  
EX2104\_VID\_20210708T154000Z\_CPHD.mov; EX2104\_VID\_20210708T154000Z\_ROVHD.mov;  
EX2104\_VID\_20210708T154046Z\_D05\_02B\_02.mov;

**FrameGrab Images:** EX2104\_IMG\_20210708T153104Z\_ROVHD.jpg; EX2104\_IMG\_20210708T153224Z\_ROVHD.jpg;  
EX2104\_IMG\_20210708T153324Z\_ROVHD.jpg; EX2104\_IMG\_20210708T153743Z\_CPHD.jpg;  
EX2104\_IMG\_20210708T153808Z\_D05\_02B\_02.jpg;  
EX2104\_IMG\_20210708T153820Z\_ROVHD.jpg; EX2104\_IMG\_20210708T153856Z\_ROVHD.jpg;  
EX2104\_IMG\_20210708T154026Z\_D05\_02B\_04.jpg;  
EX2104\_IMG\_20210708T154113Z\_D05\_02B\_02.jpg;  
EX2104\_IMG\_20210708T154154Z\_ROVHD.jpg; EX2104\_IMG\_20210708T154418Z\_ROVHD.jpg;

**Lab Camera Images:** EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L01.JPG;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L02.CR2;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L02.JPG;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L03.CR2;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L03.JPG;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L04.CR2;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L04.JPG;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L05.CR2;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L05.JPG;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L06.CR2;  
EX2104\_IMG\_20210708T154224Z\_SMPSTL\_D05\_02B\_L06.JPG;

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE05		
<b>Dive Location</b>	Rockaway Seamount				
<b>Spec I</b>	EX2104_20210708T154224_D2_DIVE05_SPEC02BIO		( EX2104_D05_02B )		
<b>Collection Date:</b>	20210708	<b>Collection Time:</b>	154224	<b>Lat and Long</b>	35.81673 -52.30762
<b>Collection Reason:</b>	Potential Undescribed Species		<b>ROV Box Used</b>	Port Outboard Bio Box	
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Bathygorgia		
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	4167.8	<b>Temp C</b> 2.251
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	34.883	<b>Oxygen</b> 8.015
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2104_VID_20210708T153000Z_ROVHD.mov; EX2104_VID_20210708T153459Z_ROVHD.mov; EX2104_VID_20210708T153628Z_D05_02B_02.mov; EX2104_VID_20210708T153752Z_D05_02B_04.mov; EX2104_VID_20210708T154000Z_CPHD.mov; EX2104_VID_20210708T154000Z_ROVHD.mov; EX2104_VID_20210708T154046Z_D05_02B_02.mov;				
<b>FrameGrab Images:</b>	EX2104_IMG_20210708T153104Z_ROVHD.jpg; EX2104_IMG_20210708T153224Z_ROVHD.jpg; EX2104_IMG_20210708T153324Z_ROVHD.jpg; EX2104_IMG_20210708T153743Z_CPHD.jpg; EX2104_IMG_20210708T153808Z_D05_02B_02.jpg; EX2104_IMG_20210708T153820Z_ROVHD.jpg; EX2104_IMG_20210708T153856Z_ROVHD.jpg; EX2104_IMG_20210708T154026Z_D05_02B_04.jpg; EX2104_IMG_20210708T154113Z_D05_02B_02.jpg; EX2104_IMG_20210708T154154Z_ROVHD.jpg; EX2104_IMG_20210708T154418Z_ROVHD.jpg;				
<b>Lab Camera Images:</b>	EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L01.JPG; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L02.CR2; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L02.JPG; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L03.CR2; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L03.JPG; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L04.CR2; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L04.JPG; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L05.CR2; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L05.JPG; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L06.CR2; EX2104_IMG_20210708T154224Z_SMPSTL_D05_02B_L06.JPG;				
<b>Microscope Images:</b>					
<b>Microscope Videos:</b>					

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE05
<b>Dive Location</b>	Rockaway Seamount		

**Spec I** EX2104\_20210708T161738\_D2\_DIVE05\_SPEC03BIO ( EX2104\_D05\_03B )

**Collection Date:** 20210708 **Collection Time:** 161738 **Lat and Long** 35.81703 -52.30758

**Collection Reason:** Potential Undescribed Species **ROV Box Used** Starboard Inboard Bio Box

**Phylum:** Porifera **Field ID** Demospongiae

**Preparation** 95% analytical EtOH **Depth m:** 4182.4 **Temp C** 2.257

**Preservative** 95% EtOH **Salinity:** 34.884 **Oxygen** 7.668

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

**Submersible Videos:**  
 EX2104\_VID\_20210708T160714Z\_SBMAN\_SPO.mov;  
 EX2104\_VID\_20210708T160719Z\_PTMAN\_SPO.mov;  
 EX2104\_VID\_20210708T161000Z\_ROVHD.mov;  
 EX2104\_VID\_20210708T161306Z\_D05\_03B\_04.mov;  
 EX2104\_VID\_20210708T161306Z\_D05\_03B\_05.mov;  
 EX2104\_VID\_20210708T161459Z\_CPHD.mov; EX2104\_VID\_20210708T161459Z\_ROVHD.mov;  
 EX2104\_VID\_20210708T161712Z\_D05\_03B\_04.mov;  
 EX2104\_VID\_20210708T161712Z\_D05\_03B\_05.mov;

**FrameGrab Images:**  
 EX2104\_IMG\_20210708T160621Z\_ROVHD.jpg; EX2104\_IMG\_20210708T160723Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T160730Z\_SBMAN\_SPO.jpg;  
 EX2104\_IMG\_20210708T160741Z\_PTMAN\_SPO.jpg;  
 EX2104\_IMG\_20210708T160800Z\_ROVHD.jpg; EX2104\_IMG\_20210708T160942Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T161034Z\_ROVHD.jpg; EX2104\_IMG\_20210708T161306Z\_CPHD.jpg;  
 EX2104\_IMG\_20210708T161334Z\_D05\_03B\_04.jpg;  
 EX2104\_IMG\_20210708T161335Z\_D05\_03B\_05.jpg;  
 EX2104\_IMG\_20210708T161427Z\_ROVHD.jpg; EX2104\_IMG\_20210708T161451Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T161730Z\_D05\_03B\_04.jpg;  
 EX2104\_IMG\_20210708T161731Z\_D05\_03B\_05.jpg;  
 EX2104\_IMG\_20210708T161901Z\_ROVHD.jpg;

**Lab Camera Images:**  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L01.CR2;  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L01.JPG;  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L02.CR2;  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L02.JPG;  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L03.CR2;  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L03.JPG;  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L04.CR2;  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L04.JPG;  
 EX2104\_IMG\_20210708T161738Z\_SMPSTL\_D05\_03B\_L05.CR2;

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE05
<b>Dive Location</b>	Rockaway Seamount		
	EX2104_IMG_20210708T161738Z_SMPSTL_D05_03B_L05.JPG; EX2104_IMG_20210708T161738Z_SMPSTL_D05_03B_L06.CR2; EX2104_IMG_20210708T161738Z_SMPSTL_D05_03B_L06.JPG;		
<b>Microscope Images:</b>			
<b>Microscope Videos:</b>			

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE05
<b>Dive Location</b>	Rockaway Seamount		

**Spec I** EX2104\_20210708T172220\_D2\_DIVE05\_SPEC04GEO ( EX2104\_D05\_04G )

**Collection Date:** 20210708 **Collection Time:** 172220 **Lat and Long** 35.81802 -52.30635

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

**Phylum:**  **Field ID** Rock sample with FeMn crust

**Preparation** Rinsed and Dried **Depth m:** 4165.7 **Temp C** 2.232

**Preservative** Rinsed and Dried **Salinity:** 34.882 **Oxygen** 7.624

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

**Submersible Videos:**  
 EX2104\_VID\_20210708T171459Z\_ROVHD.mov;  
 EX2104\_VID\_20210708T171500Z\_PTMAN\_ACN.mov;  
 EX2104\_VID\_20210708T172000Z\_CPHD.mov; EX2104\_VID\_20210708T172000Z\_ROVHD.mov;  
 EX2104\_VID\_20210708T172012Z\_D05\_04G\_04.mov;  
 EX2104\_VID\_20210708T172012Z\_D05\_04G\_05.mov;  
 EX2104\_VID\_20210708T172459Z\_ROVHD.mov;

**FrameGrab Images:**  
 EX2104\_IMG\_20210708T171536Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T171548Z\_PTMAN\_ACN.jpg;  
 EX2104\_IMG\_20210708T171555Z\_ROVHD.jpg; EX2104\_IMG\_20210708T171907Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T172110Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T172121Z\_D05\_04G\_04.jpg;  
 EX2104\_IMG\_20210708T172135Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T172151Z\_D05\_04G\_05.jpg; EX2104\_IMG\_20210708T172432Z\_CPHD.jpg;  
 EX2104\_IMG\_20210708T172609Z\_ROVHD.jpg;

**Lab Camera Images:**  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L01.CR2;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L01.JPG;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L02.CR2;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L02.JPG;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L03.CR2;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L03.JPG;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L04.CR2;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L04.JPG;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L05.CR2;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L05.JPG;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L06.CR2;  
 EX2104\_IMG\_20210708T172220Z\_SMPSTL\_D05\_04G\_L06.JPG;

**Microscope Images:**

**Microscope Videos:**

**Cruise ID**

EX2104

**Dive ID**

DIVE05

**Dive Location**

Rockaway Seamount

<b>Cruise ID</b>	EX2104	<b>Dive ID</b>	DIVE05
<b>Dive Location</b>	Rockaway Seamount		

**Spec I** EX2104\_20210708T180727\_D2\_DIVE05\_SPEC05GEO ( EX2104\_D05\_05G )

**Collection Date:** 20210708 **Collection Time:** 180727 **Lat and Long** 35.81894 -52.30563

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

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

**Preparation** Rinsed and Dried **Depth m:** 4114.1 **Temp C** 2.263

**Preservative** Rinsed and Dried **Salinity:** 34.886 **Oxygen** 7.575

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

**Submersible Videos:**  
 EX2104\_VID\_20210708T180000Z\_ROVHD.mov;  
 EX2104\_VID\_20210708T180326Z\_D05\_05G\_02.mov;  
 EX2104\_VID\_20210708T180326Z\_D05\_05G\_04.mov;  
 EX2104\_VID\_20210708T180459Z\_CPHD.mov; EX2104\_VID\_20210708T180459Z\_ROVHD.mov;

**FrameGrab Images:**  
 EX2104\_IMG\_20210708T175717Z\_ROVHD.jpg; EX2104\_IMG\_20210708T175912Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T180004Z\_ROVHD.jpg; EX2104\_IMG\_20210708T180048Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T180100Z\_ROVHD.jpg; EX2104\_IMG\_20210708T180354Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T180433Z\_CPHD.jpg; EX2104\_IMG\_20210708T180527Z\_D05\_05G\_02.jpg;  
 EX2104\_IMG\_20210708T180542Z\_ROVHD.jpg;  
 EX2104\_IMG\_20210708T180558Z\_D05\_05G\_04.jpg;  
 EX2104\_IMG\_20210708T181105Z\_ROVHD.jpg;

**Lab Camera Images:**  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L01.CR2;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L01.JPG;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L02.CR2;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L02.JPG;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L03.CR2;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L03.JPG;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L04.CR2;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L04.JPG;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L05.CR2;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L05.JPG;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L06.CR2;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L06.JPG;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L07.CR2;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L07.JPG;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L08.CR2;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L08.JPG;  
 EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L09.CR2;



**Cruise ID** EX2104

**Dive ID** DIVE05

**Dive Location** Rockaway Seamount

EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L09.JPG;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L10.CR2;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L10.JPG;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L11.CR2;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L11.JPG;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L12.CR2;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L12.JPG;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L13.CR2;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L13.JPG;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L14.CR2;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L14.JPG;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L15.CR2;  
EX2104\_IMG\_20210708T180727Z\_SMPSTL\_D05\_05G\_L15.JPG;

**Microscope Images:**

**Microscope Videos:**