

Cruise ID EX2104 **Dive ID** DIVE03
Dive Location Hopscotch Seamount

Spec ID EX2104_20210706T150548_D2_DIVE03_SPEC01GEO (EX2104_D03_01G)

Collection Date: 20210706 **Collection Time:** 150548 **Lat and Long:** 33.67620 -52.99456

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

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

Preparation Rinsed and Dried **Depth m:** 2618.9 **Temp C** 3.233

Preservative Rinsed and Dried **Salinity:** 34.96 **Oxygen** 8.121

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

Submersible Videos: EX2104_VID_20210706T145459Z_CPHD.mov; EX2104_VID_20210706T145459Z_ROVHD.mov;
EX2104_VID_20210706T145941Z_ROVHD2_AUD_GEO.mov;
EX2104_VID_20210706T150000Z_ROVHD.mov;
EX2104_VID_20210706T150227Z_ROVHD2_AUD_GEO.mov;
EX2104_VID_20210706T150305Z_ROVHD2_AUD_GEO.mov;
EX2104_VID_20210706T150438Z_D03_01G_04.mov;
EX2104_VID_20210706T150459Z_ROVHD.mov;
EX2104_VID_20210706T150508Z_D03_01G_02.mov;

Cruise ID EX2104

Dive ID DIVE03

Dive Location Hopscotch Seamount

FrameGrab Images:

EX2104_IMG_20210706T145415Z_CPHD.jpg; EX2104_IMG_20210706T145418Z_ROVHD.jpg;
EX2104_IMG_20210706T145822Z_ROVHD.jpg; EX2104_IMG_20210706T145841Z_ROVHD.jpg;
EX2104_IMG_20210706T145952Z_ROVHD2_AUD_GEO.jpg;
EX2104_IMG_20210706T150238Z_ROVHD2_AUD_GEO.jpg;
EX2104_IMG_20210706T150356Z_ROVHD.jpg;
EX2104_IMG_20210706T150429Z_ROVHD2_AUD_GEO.jpg;
EX2104_IMG_20210706T150512Z_D03_01G_04.jpg;
EX2104_IMG_20210706T150517Z_ROVHD.jpg;
EX2104_IMG_20210706T150525Z_D03_01G_02.jpg;

Lab Camera Images:

EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L01.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L01.JPG;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L02.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L02.JPG;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L03.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L03.JPG;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L04.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L04.JPG;

Cruise ID

EX2104

Dive ID

DIVE03

Dive Location

Hopscotch Seamount

EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L05.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L05.JPG;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L06.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L06.JPG;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L07.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L07.JPG;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L08.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L08.JPG;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L09.CR2;
EX2104_IMG_20210706T150548Z_SMPSTL_D03_01G_L09.JPG;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE03
Dive Location	Hopscotch Seamount		
Spec ID	EX2104_20210706T173553_D2_DIVE03_SPEC02BIO		(EX2104_D03_02B)
Collection Date:	20210706	Collection Time:	173553
		Lat and Long:	33.67630 -52.99315
Collection Reason:	New or Unusual Morphotype		ROV Box Used: Starboard Forward Rock Box
Phylum:	Porifera	Field ID	Bolosominae
Preparation	95% analytical EtOH		Depth m: 2494.3 Temp C 3.276
Preservative	95% EtOH		Salinity: 34.963 Oxygen 8.070
Repository Info:	SNMNH	SubSample Repository:	SNMNH Bio Rep Num:
Submersible Videos:	EX2104_VID_20210706T173155Z_D03_02B_02.mov; EX2104_VID_20210706T173155Z_D03_02B_04.mov; EX2104_VID_20210706T173444Z_D03_02B_04.mov; EX2104_VID_20210706T173456Z_D03_02B_02.mov; EX2104_VID_20210706T172459Z_CPHD.mov; EX2104_VID_20210706T172459Z_ROVHD.mov; EX2104_VID_20210706T173000Z_ROVHD.mov;		
FrameGrab Images:	EX2104_IMG_20210706T172728Z_ROVHD.jpg; EX2104_IMG_20210706T172929Z_CPHD.jpg; EX2104_IMG_20210706T173158Z_CPHD.jpg; EX2104_IMG_20210706T173158Z_ROVHD.jpg;		

Cruise ID	EX2104	Dive ID	DIVE03
Dive Location	Hopscotch Seamount		
Lab Camera Images:	EX2104_IMG_20210706T173209Z_D03_02B_04.jpg; EX2104_IMG_20210706T173213Z_D03_02B_02.jpg; EX2104_IMG_20210706T173228Z_CPHD.jpg; EX2104_IMG_20210706T173458Z_D03_02B_04.jpg; EX2104_IMG_20210706T173538Z_D03_02B_02.jpg;		
Microscope Images:	EX2104_IMG_20210706T173553Z_SMPSTL_D03_02B_L01.JPG; EX2104_IMG_20210706T173553Z_SMPSTL_D03_02B_L02.CR2; EX2104_IMG_20210706T173553Z_SMPSTL_D03_02B_L02.JPG; EX2104_IMG_20210706T173553Z_SMPSTL_D03_02B_L03.CR2; EX2104_IMG_20210706T173553Z_SMPSTL_D03_02B_L03.JPG; EX2104_IMG_20210706T173553Z_SMPSTL_D03_02B_L04.CR2; EX2104_IMG_20210706T173553Z_SMPSTL_D03_02B_L04.JPG;		
Microscope Videos:			

Cruise ID	EX2104	Dive ID	DIVE03		
Dive Location	Hopscotch Seamount				
Spec ID	EX2104_20210706T180821_D2_DIVE03_SPEC03GEO		(EX2104_D03_03G)		
Collection Date:	20210706	Collection Time:	180821	Lat and Long:	33.67641 -52.99289
Collection Reason:	Characteristic of Site		ROV Box Used:	Port Forward Rock Box	
Phylum:		Field ID	Basalt sample		
Preparation			Depth m:	2485.6	Temp C 3.273
Preservative	Rinsed and Dried		Salinity:	34.963	Oxygen 8.036
Repository Info:	OSU	SubSample Repository:			Bio Rep Num:
Submersible Videos:	EX2104_VID_20210706T180000Z_CPHD.mov; EX2104_VID_20210706T180000Z_ROVHD.mov; EX2104_VID_20210706T180459Z_ROVHD.mov; EX2104_VID_20210706T180526Z_D03_03G_02.mov; EX2104_VID_20210706T180526Z_D03_03G_04.mov;				
FrameGrab Images:	EX2104_IMG_20210706T180417Z_CPHD.jpg; EX2104_IMG_20210706T180429Z_ROVHD.jpg; EX2104_IMG_20210706T180722Z_ROVHD.jpg; EX2104_IMG_20210706T180743Z_D03_03G_02.jpg;				

Cruise ID EX2104

Dive ID DIVE03

Dive Location Hopscotch Seamount

Lab Camera Images:

EX2104_IMG_20210706T180757Z_D03_03G_04.jpg;

EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L01.CR2;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L01.JPG;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L02.CR2;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L02.JPG;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L03.CR2;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L03.JPG;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L04.CR2;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L04.JPG;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L05.CR2;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L05.JPG;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L06.CR2;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L06.JPG;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L07.CR2;
EX2104_IMG_20210706T180821Z_SMPSTL_D03_03G_L07.JPG;

Microscope Images:

Cruise ID

EX2104

Dive ID

DIVE03

Dive Location

Hopscotch Seamount

Microscope Videos:

Cruise ID EX2104 **Dive ID** DIVE03
Dive Location Hopscotch Seamount

Spec ID EX2104_20210706T182721_D2_DIVE03_SPEC04BIO (EX2104_D03_04B)

Collection Date: 20210706 **Collection Time:** 182721 **Lat and Long:** 33.67638 -52.99260

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

Phylum: Porifera **Field ID** Chonelasma

Preparation 95% analytical EtOH **Depth m:** 2475.0 **Temp C** 3.291

Preservative 95% EtOH **Salinity:** 34.964 **Oxygen** 8.063

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

Submersible Videos: EX2104_VID_20210706T182000Z_CPHD.mov; EX2104_VID_20210706T182000Z_ROVHD.mov;
EX2104_VID_20210706T182320Z_D03_04B_02.mov;
EX2104_VID_20210706T182320Z_D03_04B_04.mov;
EX2104_VID_20210706T182459Z_ROVHD.mov;

FrameGrab Images: EX2104_IMG_20210706T181936Z_CPHD.jpg; EX2104_IMG_20210706T182259Z_ROVHD.jpg;
EX2104_IMG_20210706T182359Z_CPHD.jpg; EX2104_IMG_20210706T182517Z_D03_04B_02.jpg;
EX2104_IMG_20210706T182549Z_D03_04B_04.jpg; EX2104_IMG_20210706T182844Z_CPHD.jpg;

Cruise ID EX2104

Dive ID DIVE03

Dive Location Hopscotch Seamount

Lab Camera Images:

EX2104_IMG_20210706T182920Z_ROVHD.jpg;
EX2104_IMG_20210706T182721Z_SMPSTL_D03_04B_L01.CR2;
EX2104_IMG_20210706T182721Z_SMPSTL_D03_04B_L01.JPG;
EX2104_IMG_20210706T182721Z_SMPSTL_D03_04B_L02.CR2;
EX2104_IMG_20210706T182721Z_SMPSTL_D03_04B_L02.JPG;
EX2104_IMG_20210706T182721Z_SMPSTL_D03_04B_L03.CR2;
EX2104_IMG_20210706T182721Z_SMPSTL_D03_04B_L03.JPG;

Microscope Images:

Microscope Videos: