

Cruise ID	EX2104	Dive ID	DIVE12		
Dive Location	"Y" Seamount				
Spec ID	EX2104_20210717T142321_D2_DIVE12_SPEC01BIO		(EX2104_D12_01B)		
Collection Date:	20210717	Collection Time:	142321	Lat and Long:	35.22055 -58.03374
Collection Reason:	Potential Undescribed Species		ROV Box Used:	Port Inboard Bio Box	
Phylum:	Porifera	Field ID	Hexactinellida		
Preparation	95% analytical EtOH		Depth m:	2810.5	Temp C 3.127
Preservative	95% EtOH		Salinity:	34.948	Oxygen 8.132
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210717T142000Z_CPHD.mov; EX2104_VID_20210717T142000Z_ROVHD.mov; EX2104_VID_20210717T142017Z_D12_01B_02.mov; EX2104_VID_20210717T142017Z_D12_01B_04.mov;				
FrameGrab Images:	EX2104_IMG_20210717T141601Z_ROVHD.jpg; EX2104_IMG_20210717T141656Z_ROVHD.jpg; EX2104_IMG_20210717T141735Z_ROVHD.jpg; EX2104_IMG_20210717T141948Z_ROVHD.jpg; EX2104_IMG_20210717T142105Z_ROVHD.jpg; EX2104_IMG_20210717T142118Z_D12_01B_04.jpg; EX2104_IMG_20210717T142134Z_D12_01B_02.jpg; EX2104_IMG_20210717T142228Z_CPHD.jpg; EX2104_IMG_20210717T142240Z_ROVHD.jpg; EX2104_IMG_20210717T142451Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210717T142321Z_SMPSTL_D12_01B_L01.CR2; EX2104_IMG_20210717T142321Z_SMPSTL_D12_01B_L01.JPG; EX2104_IMG_20210717T142321Z_SMPSTL_D12_01B_L02.CR2; EX2104_IMG_20210717T142321Z_SMPSTL_D12_01B_L02.JPG; EX2104_IMG_20210717T142321Z_SMPSTL_D12_01B_L03.CR2; EX2104_IMG_20210717T142321Z_SMPSTL_D12_01B_L03.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX2104	Dive ID	DIVE12		
Dive Location	"Y" Seamount				
Spec ID	EX2104_20210717T142906_D2_DIVE12_SPEC02GEO		(EX2104_D12_02G)		
Collection Date:	20210717	Collection Time:	142906	Lat and Long:	35.22059 -58.03368
Collection Reason:	Characteristic of Site		ROV Box Used:	Port Forward Rock Box	
Phylum:		Field ID	Rock FeMn Crust		
Preparation	Rinsed and Dried		Depth m:	2808.9	Temp C 3.125
Preservative	Rinsed and Dried		Salinity:	34.948	Oxygen 8.098
Repository Info:	OSU	SubSample Repository:		Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210717T142459Z_ROVHD.mov; EX2104_VID_20210717T142746Z_D12_02G_02.mov; EX2104_VID_20210717T142746Z_D12_02G_04.mov; EX2104_VID_20210717T143000Z_CPHD.mov; EX2104_VID_20210717T143000Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210717T142528Z_ROVHD.jpg; EX2104_IMG_20210717T142715Z_CPHD.jpg; EX2104_IMG_20210717T142754Z_ROVHD.jpg; EX2104_IMG_20210717T142829Z_ROVHD.jpg; EX2104_IMG_20210717T142844Z_D12_02G_02.jpg; EX2104_IMG_20210717T142846Z_D12_02G_04.jpg; EX2104_IMG_20210717T143011Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210717T142906Z_SMPSTL_D12_02G_L01.CR2; EX2104_IMG_20210717T142906Z_SMPSTL_D12_02G_L01.JPG; EX2104_IMG_20210717T142906Z_SMPSTL_D12_02G_L02.CR2; EX2104_IMG_20210717T142906Z_SMPSTL_D12_02G_L02.JPG; EX2104_IMG_20210717T142906Z_SMPSTL_D12_02G_L03.CR2; EX2104_IMG_20210717T142906Z_SMPSTL_D12_02G_L03.JPG; EX2104_IMG_20210717T142906Z_SMPSTL_D12_02G_L04.CR2; EX2104_IMG_20210717T142906Z_SMPSTL_D12_02G_L04.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX2104	Dive ID	DIVE12		
Dive Location	"Y" Seamount				
Spec ID	EX2104_20210717T152731_D2_DIVE12_SPEC03GEO		(EX2104_D12_03G)		
Collection Date:	20210717	Collection Time:	152731	Lat and Long:	35.22072 -58.03422
Collection Reason:	Characteristic of Site		ROV Box Used:	Starboard Forward Rock Box	
Phylum:		Field ID	Rock from wasting area FeMn crust		
Preparation	Rinsed and Dried		Depth m:	2777.6	Temp C 3.108
Preservative	Rinsed and Dried		Salinity:	34.949	Oxygen 8.064
Repository Info:	OSU	SubSample Repository:		Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210717T152459Z_ROVHD.mov; EX2104_VID_20210717T152516Z_D12_03G_04.mov; EX2104_VID_20210717T152522Z_D12_03G_02.mov; EX2104_VID_20210717T153000Z_CPHD.mov; EX2104_VID_20210717T153000Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210717T151834Z_ROVHD.jpg; EX2104_IMG_20210717T152109Z_ROVHD.jpg; EX2104_IMG_20210717T152240Z_CPHD.jpg; EX2104_IMG_20210717T152600Z_D12_03G_02.jpg; EX2104_IMG_20210717T152600Z_ROVHD.jpg; EX2104_IMG_20210717T152628Z_D12_03G_04.jpg; EX2104_IMG_20210717T152632Z_ROVHD.jpg; EX2104_IMG_20210717T152834Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L01.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L01.JPG; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L02.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L02.JPG; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L03.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L03.JPG; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L04.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L04.JPG; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L05.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_L05.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX2104	Dive ID	DIVE12		
Dive Location	"Y" Seamount				
Spec ID	EX2104_20210717T152731_D2_DIVE12_SPEC03GEO_A01		(EX2104_D12_03G_A01)
Collection Date:	20210717	Collection Time:	152731	Lat and Long:	35.22072 -58.03422
Collection Reason:		ROV Box Used:			
Phylum:		Field ID	FeMn Crust		
Preparation	Rinsed and Dried	Depth m:	2777.6	Temp C	3.108
Preservative	Rinsed and Dried	Salinity:	34.949	Oxygen	8.064
Repository Info:	OSU	SubSample Repository:		Bio Rep Num:	
Submersible Videos:					
FrameGrab Images:					
Lab Camera Images:	EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_A01_L01.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_A01_L01.JPG; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_A01_L02.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_A01_L02.JPG; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_A01_L03.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_A01_L03.JPG; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_A01_L04.CR2; EX2104_IMG_20210717T152731Z_SMPSTL_D12_03G_A01_L04.JPG; EX2104_IMG_20210717T152731Z_SMPWLF_D12_03G_A01_L01.jpg; EX2104_IMG_20210717T152731Z_SMPWLF_D12_03G_A01_L02.jpg; EX2104_IMG_20210717T152731Z_SMPWLF_D12_03G_A01_L03.jpg; EX2104_IMG_20210717T152731Z_SMPWLF_D12_03G_A01_L04.jpg; EX2104_IMG_20210717T152731Z_SMPWLF_D12_03G_A01_L05.jpg;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX2104	Dive ID	DIVE12
Dive Location	"Y" Seamount		

Spec ID EX2104_20210717T174035_D2_DIVE12_SPEC04BIO (EX2104_D12_04B)

Collection Date: 20210717 **Collection Time:** 174035 **Lat and Long:** 35.22118 -58.03524

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

Phylum: Mollusca **Field ID** Zeidora

Preparation Magnesium chloride for 1 **Depth m:** 2635.6 **Temp C** 3.219

Preservative 70% EtOH **Salinity:** 34.952 **Oxygen** 8.054

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

Submersible Videos:
 EX2104_VID_20210717T173000Z_ROVHD.mov;
 EX2104_VID_20210717T173350Z_PTMAN_SNAIL.mov;
 EX2104_VID_20210717T173459Z_ROVHD.mov;
 EX2104_VID_20210717T173931Z_D12_04B_02.mov; EX2104_VID_20210717T174000Z_CPHD.mov;
 EX2104_VID_20210717T174000Z_ROVHD.mov;
 EX2104_VID_20210717T174020Z_D12_04B_11.mov;

FrameGrab Images:
 EX2104_IMG_20210717T174030Z_ROVHD.jpg;
 EX2104_IMG_20210717T174034Z_D12_04B_11.jpg;
 EX2104_IMG_20210717T174203Z_ROVHD.jpg; EX2104_IMG_20210717T174253Z_ROVHD.jpg;
 EX2104_IMG_20210717T173334Z_ROVHD.jpg;
 EX2104_IMG_20210717T173357Z_PTMAN_SNAIL.jpg;
 EX2104_IMG_20210717T173415Z_ROVHD.jpg; EX2104_IMG_20210717T173438Z_ROVHD.jpg;
 EX2104_IMG_20210717T173504Z_PTMAN_SNAIL.jpg;
 EX2104_IMG_20210717T173521Z_ROVHD.jpg; EX2104_IMG_20210717T173556Z_ROVHD.jpg;
 EX2104_IMG_20210717T173609Z_CPHD.jpg; EX2104_IMG_20210717T173903Z_ROVHD.jpg;
 EX2104_IMG_20210717T173952Z_ROVHD.jpg;
 EX2104_IMG_20210717T173957Z_D12_04B_02.jpg;
 EX2104_IMG_20210717T174025Z_D12_04B_11.jpg;

Lab Camera Images:
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L01.CR2;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L01.JPG;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L02.CR2;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L02.JPG;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L03.CR2;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L03.JPG;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L04.CR2;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L04.JPG;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L05.CR2;
 EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L05.JPG;

Cruise ID	EX2104	Dive ID	DIVE12
Dive Location	"Y" Seamount		
Microscope Images:	EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L06.CR2; EX2104_IMG_20210717T174035Z_SMPSTL_D12_04B_L06.JPG;		
Microscope Videos:			