

Cruise ID	EX2104	Dive ID	DIVE14
Dive Location	"Seven" Seamount		

Spec ID EX2104_20210719T141450_D2_DIVE14_SPEC01GEO (EX2104_D14_01G)

Collection Date: 20210719 **Collection Time:** 141450 **Lat and Long:** 36.34801 -59.11863

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

Phylum: **Field ID** FeMn Covered Rock

Preparation Rinsed and Dried **Depth m:** 2143.2 **Temp C** 3.370

Preservative Rinsed and Dried **Salinity:** 34.949 **Oxygen** 8.314

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

Submersible Videos:
 EX2104_VID_20210719T140459Z_ROVHD.mov; EX2104_VID_20210719T141000Z_CPHD.mov;
 EX2104_VID_20210719T141000Z_ROVHD.mov;
 EX2104_VID_20210719T141208Z_D14_01G_02.mov;
 EX2104_VID_20210719T141208Z_D14_01G_04.mov;
 EX2104_VID_20210719T141459Z_ROVHD.mov;

FrameGrab Images:
 EX2104_IMG_20210719T140643Z_ROVHD.jpg; EX2104_IMG_20210719T140939Z_ROVHD.jpg;
 EX2104_IMG_20210719T141309Z_ROVHD.jpg; EX2104_IMG_20210719T141326Z_CPHD.jpg;
 EX2104_IMG_20210719T141336Z_ROVHD.jpg;
 EX2104_IMG_20210719T141425Z_D14_01G_04.jpg;
 EX2104_IMG_20210719T141457Z_D14_01G_02.jpg; EX2104_IMG_20210719T141642Z_ROVHD.jpg;

Lab Camera Images:
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L01.CR2;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L01.JPG;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L02.CR2;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L02.JPG;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L03.CR2;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L03.JPG;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L04.CR2;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L04.JPG;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L05.CR2;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L05.JPG;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L06.CR2;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L06.JPG;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L07.CR2;
 EX2104_IMG_20210719T141450Z_SMPSTL_D14_01G_L07.JPG;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE14		
Dive Location	"Seven" Seamount				
Spec ID	EX2104_20210719T150211_D2_DIVE14_SPEC02BIO		(EX2104_D14_02B)		
Collection Date:	20210719	Collection Time:	150211	Lat and Long:	36.34782 -59.11880
Collection Reason:	New or Unusual Morphotype		ROV Box Used:	Suction Canister 5	
Phylum:	Echinodermata	Field ID	Urchin		
Preparation	95% analytical EtOH		Depth m:	2127.2	Temp C 3.464
Preservative	95% EtOH		Salinity:	34.953	Oxygen 8.318
Repository Info:	SNMNH	SubSample Repository:		Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210719T144459Z_ROVHD.mov; EX2104_VID_20210719T145000Z_ROVHD.mov; EX2104_VID_20210719T145459Z_CPHD.mov; EX2104_VID_20210719T145459Z_ROVHD.mov; EX2104_VID_20210719T150000Z_ROVHD.mov; EX2104_VID_20210719T150001Z_D14_02B_04.mov; EX2104_VID_20210719T150013Z_D14_02B_02.mov; EX2104_VID_20210719T150156Z_D14_02B_11.mov;				
FrameGrab Images:	EX2104_IMG_20210719T144234Z_ROVHD.jpg; EX2104_IMG_20210719T144307Z_ROVHD.jpg; EX2104_IMG_20210719T144842Z_ROVHD.jpg; EX2104_IMG_20210719T145249Z_ROVHD.jpg; EX2104_IMG_20210719T145920Z_ROVHD.jpg; EX2104_IMG_20210719T150056Z_D14_02B_02.jpg; EX2104_IMG_20210719T150125Z_ROVHD.jpg; EX2104_IMG_20210719T150142Z_D14_02B_04.jpg; EX2104_IMG_20210719T150209Z_CPHD.jpg; EX2104_IMG_20210719T150214Z_D14_02B_11.jpg;				
Lab Camera Images:	EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L01.CR2; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L01.JPG; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L02.CR2; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L02.JPG; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L03.CR2; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L03.JPG; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L04.CR2; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L04.JPG; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L05.CR2; EX2104_IMG_20210719T150211Z_SMPSTL_D14_02B_L05.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX2104	Dive ID	DIVE14
Dive Location	"Seven" Seamount		

Spec ID EX2104_20210719T150826_D2_DIVE14_SPEC03GEO (EX2104_D14_03G)

Collection Date: 20210719 **Collection Time:** 150826 **Lat and Long:** 36.34784 -59.11881

Collection Reason: Characteristic of Site **ROV Box Used:** Suction Canister 4

Phylum: **Field ID** Fossil Desmophyllum dianthus

Preparation Rinsed and Dried **Depth m:** 2126.9 **Temp C** 3.492

Preservative Rinsed and Dried **Salinity:** 34.955 **Oxygen** 8.292

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

Submersible Videos:
EX2104_VID_20210719T150420Z_D14_03G_11.mov;
EX2104_VID_20210719T150459Z_CPHD.mov; EX2104_VID_20210719T150459Z_ROVHD.mov;
EX2104_VID_20210719T151000Z_ROVHD.mov;
EX2104_VID_20210719T151004Z_D14_03G_02.mov;
EX2104_VID_20210719T151459Z_ROVHD.mov;
EX2104_VID_20210719T150420Z_D14_03G_02.mov;

FrameGrab Images:
EX2104_IMG_20210719T150446Z_D14_03G_02.jpg;
EX2104_IMG_20210719T150457Z_D14_03G_11.jpg;
EX2104_IMG_20210719T150545Z_ROVHD.jpg; EX2104_IMG_20210719T150652Z_CPHD.jpg;
EX2104_IMG_20210719T150912Z_ROVHD.jpg; EX2104_IMG_20210719T151023Z_ROVHD.jpg;
EX2104_IMG_20210719T151131Z_D14_03G_02.jpg;
EX2104_IMG_20210719T151203Z_D14_03G_02.jpg; EX2104_IMG_20210719T151415Z_ROVHD.jpg;

Lab Camera Images:
EX2104_IMG_20210719T150826Z_SMPSTL_D14_03G_L01.CR2;
EX2104_IMG_20210719T150826Z_SMPSTL_D14_03G_L01.JPG;
EX2104_IMG_20210719T150826Z_SMPSTL_D14_03G_L02.CR2;
EX2104_IMG_20210719T150826Z_SMPSTL_D14_03G_L02.JPG;
EX2104_IMG_20210719T150826Z_SMPSTL_D14_03G_L03.CR2;
EX2104_IMG_20210719T150826Z_SMPSTL_D14_03G_L03.JPG;
EX2104_IMG_20210719T150826Z_SMPSTL_D14_03G_L04.CR2;
EX2104_IMG_20210719T150826Z_SMPSTL_D14_03G_L04.JPG;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE14		
Dive Location	"Seven" Seamount				
Spec ID	EX2104_20210719T154758_D2_DIVE14_SPEC04BIO		(EX2104_D14_04B)		
Collection Date:	20210719	Collection Time:	154758	Lat and Long:	36.34775 -59.11886
Collection Reason:	New or Unusual Morphotype		ROV Box Used:	Starboard Inboard Bio Box	
Phylum:	Cnidaria	Field ID	Isididae		
Preparation	Formalin for 24 hours then switch to EtOH		Depth m:	2120.9	Temp C 3.544
Preservative	70% EtOH		Salinity:	34.955	Oxygen 8.255
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210719T153122Z_PTMAN_COR.mov; EX2104_VID_20210719T153459Z_ROVHD.mov; EX2104_VID_20210719T153620Z_PTMAN_COR.mov; EX2104_VID_20210719T154000Z_CPHD.mov; EX2104_VID_20210719T154000Z_ROVHD.mov; EX2104_VID_20210719T154107Z_D14_04B_02.mov; EX2104_VID_20210719T154213Z_D14_04B_05.mov; EX2104_VID_20210719T154227Z_D14_04B_04.mov; EX2104_VID_20210719T154459Z_ROVHD.mov; EX2104_VID_20210719T154618Z_D14_04B_02.mov;				
FrameGrab Images:	EX2104_IMG_20210719T152831Z_ROVHD.jpg; EX2104_IMG_20210719T152938Z_ROVHD.jpg; EX2104_IMG_20210719T153101Z_ROVHD.jpg; EX2104_IMG_20210719T153143Z_ROVHD.jpg; EX2104_IMG_20210719T153245Z_ROVHD.jpg; EX2104_IMG_20210719T153257Z_ROVHD.jpg; EX2104_IMG_20210719T153310Z_PTMAN_COR.jpg; EX2104_IMG_20210719T153316Z_ROVHD.jpg; EX2104_IMG_20210719T153333Z_ROVHD.jpg; EX2104_IMG_20210719T153635Z_PTMAN_COR.jpg; EX2104_IMG_20210719T153724Z_PTMAN_COR.jpg; EX2104_IMG_20210719T153755Z_ROVHD.jpg; EX2104_IMG_20210719T153851Z_PTMAN_COR.jpg; EX2104_IMG_20210719T153937Z_ROVHD.jpg; EX2104_IMG_20210719T154137Z_ROVHD.jpg; EX2104_IMG_20210719T154228Z_D14_04B_02.jpg; EX2104_IMG_20210719T154236Z_CPHD.jpg; EX2104_IMG_20210719T154247Z_ROVHD.jpg; EX2104_IMG_20210719T154349Z_ROVHD.jpg; EX2104_IMG_20210719T154418Z_D14_04B_04.jpg; EX2104_IMG_20210719T154540Z_D14_04B_05.jpg; EX2104_IMG_20210719T154632Z_ROVHD.jpg; EX2104_IMG_20210719T154655Z_D14_04B_02.jpg; EX2104_IMG_20210719T154847Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L01.CR2; EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L01.JPG; EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L02.CR2;				

Cruise ID	EX2104	Dive ID	DIVE14
Dive Location	"Seven" Seamount		

EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L02.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L03.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L03.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L04.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L04.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L05.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L05.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L06.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L06.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L07.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L07.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L08.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L08.JPG;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE14		
Dive Location	"Seven" Seamount				
Spec ID	EX2104_20210719T154758_D2_DIVE14_SPEC04BIO		(EX2104_D14_04B)		
Collection Date:	20210719	Collection Time:	154758	Lat and Long:	36.34775 -59.11886
Collection Reason:	New or Unusual Morphotype		ROV Box Used:	Starboard Inboard Bio Box	
Phylum:	Cnidaria	Field ID	Isididae		
Preparation	Formalin for 24 hours then switch to EtOH		Depth m:	2120.9	Temp C 3.544
Preservative	70% EtOH		Salinity:	34.955	Oxygen 8.255
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210719T153122Z_PTMAN_COR.mov; EX2104_VID_20210719T153459Z_ROVHD.mov; EX2104_VID_20210719T153620Z_PTMAN_COR.mov; EX2104_VID_20210719T154000Z_CPHD.mov; EX2104_VID_20210719T154000Z_ROVHD.mov; EX2104_VID_20210719T154107Z_D14_04B_02.mov; EX2104_VID_20210719T154213Z_D14_04B_05.mov; EX2104_VID_20210719T154227Z_D14_04B_04.mov; EX2104_VID_20210719T154459Z_ROVHD.mov; EX2104_VID_20210719T154618Z_D14_04B_02.mov;				
FrameGrab Images:	EX2104_IMG_20210719T152831Z_ROVHD.jpg; EX2104_IMG_20210719T152938Z_ROVHD.jpg; EX2104_IMG_20210719T153101Z_ROVHD.jpg; EX2104_IMG_20210719T153143Z_ROVHD.jpg; EX2104_IMG_20210719T153245Z_ROVHD.jpg; EX2104_IMG_20210719T153257Z_ROVHD.jpg; EX2104_IMG_20210719T153310Z_PTMAN_COR.jpg; EX2104_IMG_20210719T153316Z_ROVHD.jpg; EX2104_IMG_20210719T153333Z_ROVHD.jpg; EX2104_IMG_20210719T153635Z_PTMAN_COR.jpg; EX2104_IMG_20210719T153724Z_PTMAN_COR.jpg; EX2104_IMG_20210719T153755Z_ROVHD.jpg; EX2104_IMG_20210719T153851Z_PTMAN_COR.jpg; EX2104_IMG_20210719T153937Z_ROVHD.jpg; EX2104_IMG_20210719T154137Z_ROVHD.jpg; EX2104_IMG_20210719T154228Z_D14_04B_02.jpg; EX2104_IMG_20210719T154236Z_CPHD.jpg; EX2104_IMG_20210719T154247Z_ROVHD.jpg; EX2104_IMG_20210719T154349Z_ROVHD.jpg; EX2104_IMG_20210719T154418Z_D14_04B_04.jpg; EX2104_IMG_20210719T154540Z_D14_04B_05.jpg; EX2104_IMG_20210719T154632Z_ROVHD.jpg; EX2104_IMG_20210719T154655Z_D14_04B_02.jpg; EX2104_IMG_20210719T154847Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L01.CR2; EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L01.JPG; EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L02.CR2;				

Cruise ID	EX2104	Dive ID	DIVE14
Dive Location	"Seven" Seamount		

EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L02.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L03.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L03.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L04.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L04.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L05.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L05.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L06.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L06.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L07.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L07.JPG;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L08.CR2;
EX2104_IMG_20210719T154758Z_SMPSTL_D14_04B_L08.JPG;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE14		
Dive Location	"Seven" Seamount				
Spec ID	EX2104_20210719T173513_D2_DIVE14_SPEC05BIO		(EX2104_D14_05B)		
Collection Date:	20210719	Collection Time:	173513	Lat and Long:	36.34718 -59.11824
Collection Reason:	Characteristic of Site		ROV Box Used:	Suction Canister 3	
Phylum:	Porifera	Field ID	Euretidae		
Preparation	95% analytical EtOH		Depth m:	2043.5	Temp C 3.501
Preservative	95% EtOH		Salinity:	34.957	Oxygen 8.270
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210719T172459Z_ROVHD.mov; EX2104_VID_20210719T173000Z_ROVHD.mov; EX2104_VID_20210719T173311Z_D14_05B_04.mov; EX2104_VID_20210719T173322Z_D14_05B_02.mov; EX2104_VID_20210719T173336Z_D14_05B_11.mov; EX2104_VID_20210719T173459Z_CPHD.mov; EX2104_VID_20210719T173459Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210719T172325Z_ROVHD.jpg; EX2104_IMG_20210719T172356Z_ROVHD.jpg; EX2104_IMG_20210719T172459Z_ROVHD.jpg; EX2104_IMG_20210719T172511Z_ROVHD.jpg; EX2104_IMG_20210719T172621Z_ROVHD.jpg; EX2104_IMG_20210719T172709Z_ROVHD.jpg; EX2104_IMG_20210719T172813Z_ROVHD.jpg; EX2104_IMG_20210719T173046Z_CPHD.jpg; EX2104_IMG_20210719T173113Z_ROVHD.jpg; EX2104_IMG_20210719T173414Z_D14_05B_04.jpg; EX2104_IMG_20210719T173414Z_D14_05B_11.jpg; EX2104_IMG_20210719T173419Z_ROVHD.jpg; EX2104_IMG_20210719T173439Z_D14_05B_11.jpg; EX2104_IMG_20210719T173449Z_D14_05B_02.jpg; EX2104_IMG_20210719T173452Z_ROVHD.jpg; EX2104_IMG_20210719T173535Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L01.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L01.JPG; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L02.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L02.JPG; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L03.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L03.JPG; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L04.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L04.JPG; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L05.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L05.JPG; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L06.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_L06.JPG;				

Cruise ID	EX2104	Dive ID	DIVE14
Dive Location	"Seven" Seamount		

Microscope Images:	
Microscope Videos:	

Spec ID	EX2104_20210719T173513_D2_DIVE14_SPEC05BIO_A01	(EX2104_D14_05B_A01)		
Collection Date:	20210719	Collection Time:	173513	Lat and Long:	36.34718	-59.11824
Collection Reason:		ROV Box Used:				
Phylum:	Porifera	Field ID	Hexactinella			
Preparation	95% analytical EtOH	Depth m:	2043.5	Temp C	3.501	
Preservative	95% EtOH	Salinity:	34.957	Oxygen	8.270	
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:		

Submersible Videos:	
----------------------------	--

FrameGrab Images:	
--------------------------	--

Lab Camera Images:	EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_A01_L01.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_A01_L01.JPG; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_A01_L02.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_A01_L02.JPG; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_A01_L03.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_A01_L03.JPG; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_A01_L04.CR2; EX2104_IMG_20210719T173513Z_SMPSTL_D14_05B_A01_L04.JPG; EX2104_IMG_20210719T173513Z_SMPWLF_D14_05B_A01_L01.jpg; EX2104_IMG_20210719T173513Z_SMPWLF_D14_05B_A01_L02.jpg; EX2104_IMG_20210719T173513Z_SMPWLF_D14_05B_A01_L03.jpg; EX2104_IMG_20210719T173513Z_SMPWLF_D14_05B_A01_L04.jpg;
---------------------------	--

Microscope Images:	
---------------------------	--

Microscope Videos:	
---------------------------	--