

Cruise ID	EX2104	Dive ID	DIVE06
Dive Location	Castle Rock Seamount		

Spec I EX2104_20210709T140219_D2_DIVE06_SPEC01GEO (EX2104_D06_01G)

Collection Date: 20210709 **Collection Time:** 140219 **Lat and Long** 36.30094 -51.34750

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

Phylum: **Field ID** Angular rock

Preparation Rinsed and Dried **Depth m:** 2325.1 **Temp C** 3.679

Preservative Rinsed and Dried **Salinity:** 34.97 **Oxygen** 8.218

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

Submersible Videos:
EX2104_VID_20210709T135459Z_ROVHD.mov;
EX2104_VID_20210709T135937Z_D06_01G_02.mov;
EX2104_VID_20210709T135937Z_D06_01G_04.mov;
EX2104_VID_20210709T140000Z_CPHD.mov; EX2104_VID_20210709T140000Z_ROVHD.mov;

FrameGrab Images:
EX2104_IMG_20210709T135258Z_ROVHD.jpg; EX2104_IMG_20210709T135317Z_ROVHD.jpg;
EX2104_IMG_20210709T135329Z_ROVHD.jpg; EX2104_IMG_20210709T135348Z_ROVHD.jpg;
EX2104_IMG_20210709T135444Z_ROVHD.jpg; EX2104_IMG_20210709T135600Z_ROVHD.jpg;
EX2104_IMG_20210709T135658Z_CPHD.jpg; EX2104_IMG_20210709T135723Z_ROVHD.jpg;
EX2104_IMG_20210709T135756Z_ROVHD.jpg; EX2104_IMG_20210709T135944Z_ROVHD.jpg;
EX2104_IMG_20210709T140024Z_D06_01G_02.jpg;
EX2104_IMG_20210709T140025Z_D06_01G_04.jpg;
EX2104_IMG_20210709T140047Z_ROVHD.jpg; EX2104_IMG_20210709T140236Z_ROVHD.jpg;

Lab Camera Images:
EX2104_IMG_20210709T140219Z_SMPSTL_D06_01G_L01.CR2;
EX2104_IMG_20210709T140219Z_SMPSTL_D06_01G_L01.JPG;
EX2104_IMG_20210709T140219Z_SMPSTL_D06_01G_L02.CR2;
EX2104_IMG_20210709T140219Z_SMPSTL_D06_01G_L02.JPG;
EX2104_IMG_20210709T140219Z_SMPSTL_D06_01G_L03.CR2;
EX2104_IMG_20210709T140219Z_SMPSTL_D06_01G_L03.JPG;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE06		
Dive Location	Castle Rock Seamount				
Spec I	EX2104_20210709T150211_D2_DIVE06_SPEC02BIO		(EX2104_D06_02B)		
Collection Date:	20210709	Collection Time:	150211	Lat and Long	36.30070 -51.34791
Collection Reason:	Potential Undescribed Species		ROV Box Used	Port Inboard Bio Box	
Phylum:	Porifera	Field ID	Hexactinella		
Preparation	95% analytical EtOH		Depth m:	2265.0	Temp C 3.613
Preservative	95% EtOH		Salinity:	34.966	Oxygen 8.196
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210709T145459Z_ROVHD.mov; EX2104_VID_20210709T145820Z_D06_02B_02.mov; EX2104_VID_20210709T145827Z_D06_02B_04.mov; EX2104_VID_20210709T150000Z_CPHD.mov; EX2104_VID_20210709T150000Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210709T145305Z_ROVHD.jpg; EX2104_IMG_20210709T145413Z_ROVHD.jpg; EX2104_IMG_20210709T145453Z_ROVHD.jpg; EX2104_IMG_20210709T145544Z_ROVHD.jpg; EX2104_IMG_20210709T145720Z_CPHD.jpg; EX2104_IMG_20210709T145724Z_ROVHD.jpg; EX2104_IMG_20210709T145909Z_ROVHD.jpg; EX2104_IMG_20210709T145925Z_D06_02B_02.jpg; EX2104_IMG_20210709T150045Z_D06_02B_02.jpg; EX2104_IMG_20210709T150101Z_ROVHD.jpg; EX2104_IMG_20210709T150140Z_D06_02B_04.jpg; EX2104_IMG_20210709T150251Z_ROVHD.jpg; EX2104_IMG_20210709T150331Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L01.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L01.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L02.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L02.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L03.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L03.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L04.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L04.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L05.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L05.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L06.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L06.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L07.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L07.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L08.CR2;				

Cruise ID

EX2104

Dive ID

DIVE06

Dive Location

Castle Rock Seamount

EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L08.JPG;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE06		
Dive Location	Castle Rock Seamount				
Spec I	EX2104_20210709T150211_D2_DIVE06_SPEC02BIO		(EX2104_D06_02B)		
Collection Date:	20210709	Collection Time:	150211	Lat and Long	36.30070 -51.34791
Collection Reason:	Potential Undescribed Species		ROV Box Used	Port Inboard Bio Box	
Phylum:	Porifera	Field ID	Hexactinella		
Preparation	95% analytical EtOH		Depth m:	2265.0	Temp C 3.613
Preservative	95% EtOH		Salinity:	34.966	Oxygen 8.196
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210709T145459Z_ROVHD.mov; EX2104_VID_20210709T145820Z_D06_02B_02.mov; EX2104_VID_20210709T145827Z_D06_02B_04.mov; EX2104_VID_20210709T150000Z_CPHD.mov; EX2104_VID_20210709T150000Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210709T145305Z_ROVHD.jpg; EX2104_IMG_20210709T145413Z_ROVHD.jpg; EX2104_IMG_20210709T145453Z_ROVHD.jpg; EX2104_IMG_20210709T145544Z_ROVHD.jpg; EX2104_IMG_20210709T145720Z_CPHD.jpg; EX2104_IMG_20210709T145724Z_ROVHD.jpg; EX2104_IMG_20210709T145909Z_ROVHD.jpg; EX2104_IMG_20210709T145925Z_D06_02B_02.jpg; EX2104_IMG_20210709T150045Z_D06_02B_02.jpg; EX2104_IMG_20210709T150101Z_ROVHD.jpg; EX2104_IMG_20210709T150140Z_D06_02B_04.jpg; EX2104_IMG_20210709T150251Z_ROVHD.jpg; EX2104_IMG_20210709T150331Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L01.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L01.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L02.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L02.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L03.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L03.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L04.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L04.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L05.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L05.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L06.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L06.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L07.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L07.JPG; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L08.CR2;				

Cruise ID	EX2104	Dive ID	DIVE06
Dive Location	Castle Rock Seamount		

Microscope Images:	EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_L08.JPG;
Microscope Videos:	

Spec I	EX2104_20210709T150211_D2_DIVE06_SPEC02BIO_A01	(EX2104_D06_02B_A01)		
Collection Date:	20210709	Collection Time:	150211	Lat and Long	36.30070	-51.34791
Collection Reason:		ROV Box Used				
Phylum:	Echinodermata	Field ID	Crinoidea			
Preparation	95% analytical EtOH	Depth m:	2265.0	Temp C	3.613	
Preservative	95% EtOH	Salinity:	34.966	Oxygen	8.196	
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:		

Submersible Videos:	
FrameGrab Images:	
Lab Camera Images:	EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_A01_L01.CR2; EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_A01_L01.JPG; EX2104_IMG_20210709T150211Z_SMPWLF_D06_02B_A01_L01.jpg; EX2104_IMG_20210709T150211Z_SMPWLF_D06_02B_A01_L02.jpg; EX2104_IMG_20210709T150211Z_SMPWLF_D06_02B_A01_L03.jpg; EX2104_IMG_20210709T150211Z_SMPWLF_D06_02B_A01_L04.jpg; EX2104_IMG_20210709T150211Z_SMPWLF_D06_02B_A01_L05.jpg;
Microscope Images:	
Microscope Videos:	

Cruise ID	EX2104	Dive ID	DIVE06
Dive Location	Castle Rock Seamount		

Spec I EX2104_20210709T150211_D2_DIVE06_SPEC02BIO_A02 (EX2104_D06_02B_A02)

Collection Date: 20210709 **Collection Time:** 150211 **Lat and Long** 36.30070 -51.34791

Collection Reason: **ROV Box Used**

Phylum: Echinodermata **Field ID** Crinoidea

Preparation 95% analytical EtOH **Depth m:** 2265.0 **Temp C** 3.613

Preservative 95% EtOH **Salinity:** 34.966 **Oxygen** 8.196

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

Submersible Videos:

FrameGrab Images:

Lab Camera Images:
EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_A02_L01.CR2;
EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_A02_L01.JPG;
EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_A02_L02.CR2;
EX2104_IMG_20210709T150211Z_SMPSTL_D06_02B_A02_L02.JPG;
EX2104_IMG_20210709T150211Z_SMPWLF_D06_02B_A02_L01.jpg;
EX2104_IMG_20210709T150211Z_SMPWLF_D06_02B_A02_L02.jpg;
EX2104_IMG_20210709T150211Z_SMPWLF_D06_02B_A02_L03.jpg;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE06		
Dive Location	Castle Rock Seamount				
Spec I	EX2104_20210709T165649_D2_DIVE06_SPEC03GEO		(EX2104_D06_03G)		
Collection Date:	20210709	Collection Time:	165649	Lat and Long	36.30089 -51.34941
Collection Reason:	Characteristic of Site		ROV Box Used	Suction Canister 5	
Phylum:		Field ID	Coral Rubble and Sediment		
Preparation	Rinsed and Dried		Depth m:	2182.8	Temp C 3.729
Preservative	Rinsed and Dried		Salinity:	34.978	Oxygen 8.174
Repository Info:	OSU	SubSample Repository:	OSU	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210709T164459Z_ROVHD.mov; EX2104_VID_20210709T165000Z_CPHD.mov; EX2104_VID_20210709T165000Z_ROVHD.mov; EX2104_VID_20210709T165134Z_D06_03G_05.mov; EX2104_VID_20210709T165305Z_D06_03G_11.mov; EX2104_VID_20210709T165314Z_D06_03G_02.mov; EX2104_VID_20210709T165459Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210709T164139Z_ROVHD.jpg; EX2104_IMG_20210709T164645Z_ROVHD.jpg; EX2104_IMG_20210709T164928Z_ROVHD.jpg; EX2104_IMG_20210709T165037Z_ROVHD.jpg; EX2104_IMG_20210709T165153Z_D06_03G_05.jpg; EX2104_IMG_20210709T165201Z_CPHD.jpg; EX2104_IMG_20210709T165218Z_ROVHD.jpg; EX2104_IMG_20210709T165325Z_D06_03G_02.jpg; EX2104_IMG_20210709T165342Z_D06_03G_11.jpg; EX2104_IMG_20210709T165354Z_ROVHD.jpg; EX2104_IMG_20210709T165355Z_D06_03G_05.jpg; EX2104_IMG_20210709T165539Z_ROVHD.jpg; EX2104_IMG_20210709T165610Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L01.CR2; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L01.JPG; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L02.CR2; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L02.JPG; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L03.CR2; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L03.JPG; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L04.CR2; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L04.JPG; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L05.CR2; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L05.JPG; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L06.CR2; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L06.JPG; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L07.CR2;				

Cruise ID	EX2104	Dive ID	DIVE06
Dive Location	Castle Rock Seamount		
	EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L07.JPG; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L08.CR2; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L08.JPG; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L09.CR2; EX2104_IMG_20210709T165649Z_SMPSTL_D06_03G_L09.JPG;		
Microscope Images:			
Microscope Videos:			

Cruise ID	EX2104	Dive ID	DIVE06		
Dive Location	Castle Rock Seamount				
Spec I	EX2104_20210709T180553_D2_DIVE06_SPEC04BIO		(EX2104_D06_04B)		
Collection Date:	20210709	Collection Time:	180553	Lat and Long	36.30096 -51.35020
Collection Reason:	Characteristic of Site		ROV Box Used	Starboard Inboard Bio Box	
Phylum:	Echinodermata	Field ID	crinoidea		
Preparation	95% analytical EtOH		Depth m:	2137.7	Temp C 3.765
Preservative	95% EtOH		Salinity:	34.975	Oxygen 8.138
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210709T174459Z_ROVHD.mov; EX2104_VID_20210709T175000Z_ROVHD.mov; EX2104_VID_20210709T175459Z_ROVHD.mov; EX2104_VID_20210709T175917Z_D06_04B_02.mov; EX2104_VID_20210709T180000Z_CPHD.mov; EX2104_VID_20210709T180000Z_ROVHD.mov; EX2104_VID_20210709T180149Z_D06_04B_04.mov; EX2104_VID_20210709T180417Z_D06_04B_02.mov; EX2104_VID_20210709T180459Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210709T174049Z_ROVHD.jpg; EX2104_IMG_20210709T174203Z_ROVHD.jpg; EX2104_IMG_20210709T174500Z_ROVHD.jpg; EX2104_IMG_20210709T174805Z_ROVHD.jpg; EX2104_IMG_20210709T175023Z_ROVHD.jpg; EX2104_IMG_20210709T175205Z_ROVHD.jpg; EX2104_IMG_20210709T175758Z_ROVHD.jpg; EX2104_IMG_20210709T175915Z_ROVHD.jpg; EX2104_IMG_20210709T180003Z_D06_04B_02.jpg; EX2104_IMG_20210709T180021Z_ROVHD.jpg; EX2104_IMG_20210709T180037Z_D06_04B_02.jpg; EX2104_IMG_20210709T180054Z_CPHD.jpg; EX2104_IMG_20210709T180056Z_ROVHD.jpg; EX2104_IMG_20210709T180156Z_D06_04B_04.jpg; EX2104_IMG_20210709T180239Z_D06_04B_04.jpg; EX2104_IMG_20210709T180303Z_D06_04B_02.jpg; EX2104_IMG_20210709T180347Z_D06_04B_04.jpg; EX2104_IMG_20210709T180430Z_D06_04B_04.jpg; EX2104_IMG_20210709T180434Z_D06_04B_02.jpg; EX2104_IMG_20210709T180732Z_ROVHD.jpg; EX2104_IMG_20210709T180925Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210709T180553Z_SMPSTL_D06_04B_L01.JPG; EX2104_IMG_20210709T180553Z_SMPSTL_D06_04B_L02.CR2; EX2104_IMG_20210709T180553Z_SMPSTL_D06_04B_L02.JPG; EX2104_IMG_20210709T180553Z_SMPSTL_D06_04B_L03.CR2; EX2104_IMG_20210709T180553Z_SMPSTL_D06_04B_L03.JPG;				
Microscope Images:					

Cruise ID EX2104

Dive ID DIVE06

Dive Location Castle Rock Seamount

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE06		
Dive Location	Castle Rock Seamount				
Spec I	EX2104_20210709T182010_D2_DIVE06_SPEC05GEO		(EX2104_D06_05G)		
Collection Date:	20210709	Collection Time:	182010	Lat and Long	36.30082 -51.35053
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:	2126.3	Temp C 3.745
Preservative	Rinsed and Dried		Salinity:	34.977	Oxygen 8.168
Repository Info:	OSU	SubSample Repository:		Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210709T181459Z_ROVHD.mov; EX2104_VID_20210709T181936Z_D06_05G_04.mov; EX2104_VID_20210709T181944Z_D06_05G_02.mov; EX2104_VID_20210709T182000Z_CPHD.mov; EX2104_VID_20210709T182000Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210709T181105Z_ROVHD.jpg; EX2104_IMG_20210709T181134Z_ROVHD.jpg; EX2104_IMG_20210709T181412Z_ROVHD.jpg; EX2104_IMG_20210709T181525Z_ROVHD.jpg; EX2104_IMG_20210709T181731Z_ROVHD.jpg; EX2104_IMG_20210709T181941Z_ROVHD.jpg; EX2104_IMG_20210709T182018Z_D06_05G_02.jpg; EX2104_IMG_20210709T182031Z_CPHD.jpg; EX2104_IMG_20210709T182032Z_ROVHD.jpg; EX2104_IMG_20210709T182044Z_D06_05G_04.jpg; EX2104_IMG_20210709T182130Z_D06_05G_04.jpg; EX2104_IMG_20210709T182410Z_ROVHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L01.CR2; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L01.JPG; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L02.CR2; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L02.JPG; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L03.CR2; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L03.JPG; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L04.CR2; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L04.JPG; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L05.CR2; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L05.JPG; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L06.CR2; EX2104_IMG_20210709T182010Z_SMPSTL_D06_05G_L06.JPG;				
Microscope Images:					
Microscope Videos:					