

Cruise ID	EX2104	Dive ID	DIVE10		
Dive Location	Yakutat Seamount				
Spec ID	EX2104_20210713T162611_D2_DIVE10_SPEC01BIO		(EX2104_D10_01B)		
Collection Date:	20210713	Collection Time:	162611	Lat and Long:	35.26386 -48.00228
Collection Reason:	Potential Undescribed Species		ROV Box Used:	Suction Canister 1	
Phylum:	Echinodermata	Field ID	Lophaster		
Preparation	95% analytical EtOH		Depth m:	1893.0	Temp C 3.903
Preservative	95% EtOH		Salinity:	34.996	Oxygen 8.165
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210713T161459Z_ROVHD.mov; EX2104_VID_20210713T162000Z_ROVHD.mov; EX2104_VID_20210713T162346Z_D10_01B_04.mov; EX2104_VID_20210713T162459Z_CPHD.mov; EX2104_VID_20210713T162459Z_ROVHD.mov; EX2104_VID_20210713T162501Z_D10_01B_02.mov; EX2104_VID_20210713T162536Z_D10_01B_11.mov; EX2104_VID_20210713T163000Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210713T161749Z_ROVHD.jpg; EX2104_IMG_20210713T161759Z_ROVHD.jpg; EX2104_IMG_20210713T161830Z_ROVHD.jpg; EX2104_IMG_20210713T161906Z_ROVHD.jpg; EX2104_IMG_20210713T162001Z_ROVHD.jpg; EX2104_IMG_20210713T162027Z_ROVHD.jpg; EX2104_IMG_20210713T162249Z_ROVHD.jpg; EX2104_IMG_20210713T162350Z_D10_01B_04.jpg; EX2104_IMG_20210713T162413Z_ROVHD.jpg; EX2104_IMG_20210713T162508Z_D10_01B_02.jpg; EX2104_IMG_20210713T162510Z_ROVHD.jpg; EX2104_IMG_20210713T162534Z_CPHD.jpg; EX2104_IMG_20210713T162539Z_D10_01B_04.jpg; EX2104_IMG_20210713T162544Z_D10_01B_02.jpg; EX2104_IMG_20210713T162552Z_D10_01B_11.jpg;				
Lab Camera Images:	EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L01.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L02.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L02.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L03.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L03.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L04.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L04.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L05.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L05.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L06.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_L06.JPG;				

Cruise ID	EX2104	Dive ID	DIVE10
Dive Location	Yakutat Seamount		

Microscope Images:	
Microscope Videos:	

Spec ID EX2104_20210713T162611_D2_DIVE10_SPEC01BIO_A01 (EX2104_D10_01B_A01)

Collection Date: 20210713 **Collection Time:** 162611 **Lat and Long:** 35.26386 -48.00228

Collection Reason: **ROV Box Used:**

Phylum: **Field ID** fossilized coral

Preparation Rinsed and Dried **Depth m:** 1893.0 **Temp C** 3.903

Preservative Rinsed and Dried **Salinity:** 34.996 **Oxygen** 8.165

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

Submersible Videos:

FrameGrab Images:

Lab Camera Images:
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A01_L01.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A01_L02.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A01_L02.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A01_L03.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A01_L03.JPG;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A01_L01.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A01_L02.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A01_L03.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A01_L04.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A01_L05.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A01_L06.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A01_L07.jpg;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE10
Dive Location	Yakutat Seamount		

Spec ID EX2104_20210713T162611_D2_DIVE10_SPEC01BIO_A02 (EX2104_D10_01B_A02)

Collection Date: 20210713 **Collection Time:** 162611 **Lat and Long:** 35.26386 -48.00228

Collection Reason: **ROV Box Used:**

Phylum: **Field ID** shell pieces

Preparation Rinsed and Dried **Depth m:** 1893.0 **Temp C** 3.903

Preservative Rinsed and Dried **Salinity:** 34.996 **Oxygen** 8.165

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

Submersible Videos:

FrameGrab Images:

Lab Camera Images:
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L01.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L01.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L02.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L02.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L03.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L03.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L04.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L04.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L05.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L05.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L06.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L06.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L07.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L07.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L08.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L08.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L09.CR2;
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EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L10.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L10.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L11.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L11.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L12.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L12.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L13.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L13.JPG;

Cruise ID	EX2104	Dive ID	DIVE10
Dive Location	Yakutat Seamount		

EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L14.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L14.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L15.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L15.JPG;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L16.CR2;
EX2104_IMG_20210713T162611Z_SMPSTL_D10_01B_A02_L16.JPG;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L01.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L02.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L03.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L04.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L05.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L06.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L07.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L08.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L09.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L10.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L11.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L12.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L13.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L14.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L15.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L16.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L17.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L18.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L19.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L20.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L21.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L22.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L23.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L24.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L25.jpg;
EX2104_IMG_20210713T162611Z_SMPWLF_D10_01B_A02_L26.jpg;

Microscope Images:

Microscope Videos:

Cruise ID	EX2104	Dive ID	DIVE10		
Dive Location	Yakutat Seamount				
Spec ID	EX2104_20210713T170618_D2_DIVE10_SPEC02GEO		(EX2104_D10_02G)		
Collection Date:	20210713	Collection Time:	170618	Lat and Long:	35.26377 -48.00227
Collection Reason:	Characteristic of Site		ROV Box Used:	Starboard Forward Rock Box	
Phylum:		Field ID	FeMn Covered Rock		
Preparation	Rinsed and Dried		Depth m:	1867.2	Temp C 3.925
Preservative	Rinsed and Dried		Salinity:	34.998	Oxygen 8.159
Repository Info:	OSU	SubSample Repository:		Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210713T170000Z_ROVHD.mov; EX2104_VID_20210713T170308Z_D10_02G_02.mov; EX2104_VID_20210713T170402Z_D10_02G_04.mov; EX2104_VID_20210713T170459Z_CPHD.mov; EX2104_VID_20210713T170459Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210713T170241Z_ROVHD.jpg; EX2104_IMG_20210713T170313Z_ROVHD.jpg; EX2104_IMG_20210713T170336Z_D10_02G_02.jpg; EX2104_IMG_20210713T170410Z_D10_02G_04.jpg; EX2104_IMG_20210713T170425Z_D10_02G_02.jpg; EX2104_IMG_20210713T170425Z_ROVHD.jpg; EX2104_IMG_20210713T170456Z_D10_02G_02.jpg; EX2104_IMG_20210713T170508Z_ROVHD.jpg; EX2104_IMG_20210713T170514Z_D10_02G_04.jpg; EX2104_IMG_20210713T170525Z_ROVHD.jpg; EX2104_IMG_20210713T170535Z_D10_02G_02.jpg; EX2104_IMG_20210713T170556Z_CPHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L01.CR2; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L01.JPG; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L02.CR2; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L02.JPG; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L03.CR2; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L03.JPG; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L04.CR2; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L04.JPG; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L05.CR2; EX2104_IMG_20210713T170618Z_SMPSTL_D10_02G_L05.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX2104	Dive ID	DIVE10		
Dive Location	Yakutat Seamount				
Spec ID	EX2104_20210713T190648_D2_DIVE10_SPEC03GEO		(EX2104_D10_03G)		
Collection Date:	20210713	Collection Time:	190648	Lat and Long:	35.26225 -48.00171
Collection Reason:	Characteristic of Site		ROV Box Used:	Port Forward Rock Box	
Phylum:		Field ID	Coral rubble		
Preparation	Rinsed and Dried		Depth m:	1723.5	Temp C 3.933
Preservative	Rinsed and Dried		Salinity:	#####	Oxygen 8.171
Repository Info:	OSU	SubSample Repository:		Bio Rep Num:	
Submersible Videos:	EX2104_VID_20210713T190000Z_ROVHD.mov; EX2104_VID_20210713T190431Z_D10_03G_05.mov; EX2104_VID_20210713T190459Z_CPHD.mov; EX2104_VID_20210713T190459Z_ROVHD.mov; EX2104_VID_20210713T190513Z_D10_03G_04.mov; EX2104_VID_20210713T191000Z_ROVHD.mov;				
FrameGrab Images:	EX2104_IMG_20210713T190406Z_ROVHD.jpg; EX2104_IMG_20210713T190437Z_D10_03G_05.jpg; EX2104_IMG_20210713T190508Z_ROVHD.jpg; EX2104_IMG_20210713T190515Z_D10_03G_04.jpg; EX2104_IMG_20210713T190517Z_D10_03G_04.jpg; EX2104_IMG_20210713T190535Z_D10_03G_05.jpg; EX2104_IMG_20210713T190541Z_ROVHD.jpg; EX2104_IMG_20210713T190603Z_D10_03G_04.jpg; EX2104_IMG_20210713T190612Z_ROVHD.jpg; EX2104_IMG_20210713T190620Z_ROVHD.jpg; EX2104_IMG_20210713T190637Z_D10_03G_04.jpg; EX2104_IMG_20210713T190752Z_CPHD.jpg;				
Lab Camera Images:	EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L01.CR2; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L01.JPG; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L02.CR2; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L02.JPG; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L03.CR2; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L03.JPG; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L04.CR2; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L04.JPG; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L05.CR2; EX2104_IMG_20210713T190648Z_SMPSTL_D10_03G_L05.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX2104	Dive ID	DIVE10		
Dive Location	Yakutat Seamount				
Spec ID	EX2104_20210713T190648_D2_DIVE10_SPEC03GEO_A01		(EX2104_D10_03G_A01)
Collection Date:	20210713	Collection Time:	190648	Lat and Long:	35.26225 -48.00171
Collection Reason:		ROV Box Used:			
Phylum:	Echinodermata	Field ID	Ophiuroidea		
Preparation	95% analytical EtOH	Depth m:	1723.5	Temp C	3.933
Preservative	95% EtOH	Salinity:	#####	Oxygen	8.171
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:					
FrameGrab Images:					
Lab Camera Images:	EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L01.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L01.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L02.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L02.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L03.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L03.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L04.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L04.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L05.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L05.JPG; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L06.CR2; EX2104_IMG_20210713T162611Z_SMPSTL_D10_03G_A01_L06.JPG; EX2104_IMG_20210713T162611Z_SMPWLF_D10_03G_A01_L01.jpg; EX2104_IMG_20210713T162611Z_SMPWLF_D10_03G_A01_L02.jpg; EX2104_IMG_20210713T162611Z_SMPWLF_D10_03G_A01_L03.jpg; EX2104_IMG_20210713T162611Z_SMPWLF_D10_03G_A01_L04.jpg;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX2104	Dive ID	DIVE10
Dive Location	Yakutat Seamount		

Spec ID EX2104_20210713T192958_D2_DIVE10_SPEC04GEO (EX2104_D10_04G)

Collection Date: 20210713 **Collection Time:** 192958 **Lat and Long:** 35.26203 -48.00108

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

Phylum: **Field ID** rounded dropstone

Preparation Rinsed and Dried **Depth m:** 1699.1 **Temp C** 3.988

Preservative Rinsed and Dried **Salinity:** ##### **Oxygen** 8.122

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

Submersible Videos:
 EX2104_VID_20210713T192459Z_ROVHD.mov;
 EX2104_VID_20210713T192704Z_D10_04G_05.mov;
 EX2104_VID_20210713T192724Z_D10_04G_04.mov;
 EX2104_VID_20210713T192816Z_D10_04G_02.mov;
 EX2104_VID_20210713T193000Z_CPHD.mov; EX2104_VID_20210713T193000Z_ROVHD.mov;

FrameGrab Images:
 EX2104_IMG_20210713T192512Z_CPHD.jpg; EX2104_IMG_20210713T192630Z_ROVHD.jpg;
 EX2104_IMG_20210713T192639Z_ROVHD.jpg;
 EX2104_IMG_20210713T192717Z_D10_04G_05.jpg;
 EX2104_IMG_20210713T192731Z_D10_04G_04.jpg;
 EX2104_IMG_20210713T192731Z_ROVHD.jpg;
 EX2104_IMG_20210713T192754Z_D10_04G_05.jpg;
 EX2104_IMG_20210713T192759Z_D10_04G_04.jpg;
 EX2104_IMG_20210713T192809Z_D10_04G_05.jpg;
 EX2104_IMG_20210713T192816Z_ROVHD.jpg;
 EX2104_IMG_20210713T192817Z_D10_04G_04.jpg;
 EX2104_IMG_20210713T192823Z_D10_04G_02.jpg;
 EX2104_IMG_20210713T192837Z_ROVHD.jpg;
 EX2104_IMG_20210713T192859Z_D10_04G_04.jpg; EX2104_IMG_20210713T193006Z_ROVHD.jpg;

Lab Camera Images:
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L01.CR2;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L01.JPG;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L02.CR2;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L02.JPG;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L03.CR2;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L03.JPG;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L04.CR2;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L04.JPG;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L05.CR2;
 EX2104_IMG_20210713T192958Z_SMPSTL_D10_04G_L05.JPG;

Cruise ID EX2104

Dive ID DIVE10

Dive Location Yakutat Seamount

Microscope Images:

Microscope Videos: