

**Cruise ID**  **Dive ID**

**Dive Location**

**Spec ID**  (  )

**Collection Date:**  **Collection Time:**  **Lat and Long:**

**Collection Reason:**  **ROV Box Used:**

**Phylum:**  **Field ID**

**Preparation**  **Depth m:**  **Temp C**

**Preservative**  **Salinity:**  **Oxygen**

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE06			
<b>Dive Location</b>	Kurchatov Ridge					
<b>Spec ID</b>	EX2205_20220725T105849_D2_DIVE06_SPEC01WAT		( EX2205_D06_01W )			
<b>Collection Date:</b>	20220725	<b>Collection Time:</b>	105849	<b>Lat and Long:</b>	40.66263	-29.38122
<b>Collection Reason:</b>	eDNA		<b>ROV Box Used:</b>	Niskin Bottle 1		
<b>Phylum:</b>		<b>Field ID</b>	Water sample for eDNA - DSL			
<b>Preparation</b>			<b>Depth m:</b>	580.4	<b>Temp C</b>	11.772
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.545	<b>Oxygen</b>	5.818
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>			<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220725T105459Z_ROVHD.mov; EX2205_VID_20220725T105838Z_D06_01W_08.mov; EX2205_VID_20220725T110000Z_CPHD.mov;					
<b>FrameGrab Images:</b>	EX2205_IMG_20220725T105648Z_CPHD.jpg; EX2205_IMG_20220725T105810Z_CPHD.jpg; EX2205_IMG_20220725T105848Z_D06_01W_08.jpg; EX2205_IMG_20220725T105934Z_ROVHD.jpg; EX2205_IMG_20220725T110030Z_CPHD.jpg;					
<b>Lab Camera Images:</b>						

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE06			
<b>Dive Location</b>	Kurchatov Ridge					
<b>Spec ID</b>	EX2205_20220725T114657_D2_DIVE06_SPEC02WAT		( EX2205_D06_02W )			
<b>Collection Date:</b>	20220725	<b>Collection Time:</b>	114657	<b>Lat and Long:</b>	40.66246	-29.38456
<b>Collection Reason:</b>	eDNA		<b>ROV Box Used:</b>	Niskin Bottle 2		
<b>Phylum:</b>		<b>Field ID</b>	Water sample for eDNA - on bottom			
<b>Preparation</b>		<b>Depth m:</b>	1760.8	<b>Temp C</b>	4.113	
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	34.968	<b>Oxygen</b>	8.127
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2205_VID_20220725T114459Z_ROVHD.mov; EX2205_VID_20220725T114538Z_D06_02W_08.mov; EX2205_VID_20220725T115000Z_CPHD.mov;					
<b>FrameGrab Images:</b>	X2205_IMG_20220725T114441Z_ROVHD.jpg; EX2205_IMG_20220725T114539Z_ROVHD.jpg; EX2205_IMG_20220725T114547Z_D06_02W_08.jpg; EX2205_IMG_20220725T114556Z_ROVHD.jpg; EX2205_IMG_20220725T114626Z_ROVHD.jpg;					
<b>Lab Camera Images:</b>						

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE06		
<b>Dive Location</b>	Kurchatov Ridge				
<b>Spec ID</b>	EX2205_20220725T121828_D2_DIVE06_SPEC03BIO		( EX2205_D06_03B )		
<b>Collection Date:</b>	20220725	<b>Collection Time:</b>	121828	<b>Lat and Long:</b>	40.66243 -29.38475
<b>Collection Reason:</b>	Potential Undescribed Species		<b>ROV Box Used:</b>	Port Outboard Bio Box	
<b>Phylum:</b>		<b>Field ID</b>	Plexauridae blue polyps		
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	1754.5	<b>Temp C</b> 4.115
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	34.971	<b>Oxygen</b> 8.180
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220725T120459Z_CPHD.mov; EX2205_VID_20220725T120459Z_ROVHD.mov; EX2205_VID_20220725T121000Z_CPHD.mov; EX2205_VID_20220725T121000Z_ROVHD.mov; EX2205_VID_20220725T121352Z_D06_03B_02.mov; EX2205_VID_20220725T121352Z_D06_03B_05.mov; EX2205_VID_20220725T121459Z_CPHD.mov; EX2205_VID_20220725T121459Z_ROVHD.mov; EX2205_VID_20220725T121645Z_D06_03B_04.mov; EX2205_VID_20220725T121715Z_D06_03B_02.mov; EX2205_VID_20220725T122000Z_CPHD.mov; EX2205_VID_20220725T122000Z_ROVHD.mov;				

**Cruise ID** EX2205

**Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**FrameGrab Images:**

EX2205\_IMG\_20220725T120823Z\_ROVHD.jpg; EX2205\_IMG\_20220725T120905Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T120937Z\_CPHD.jpg; EX2205\_IMG\_20220725T121011Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T121247Z\_CPHD.jpg; EX2205\_IMG\_20220725T121403Z\_D06\_03B\_05.jpg;  
EX2205\_IMG\_20220725T121404Z\_D06\_03B\_02.jpg;  
EX2205\_IMG\_20220725T121404Z\_ROVHD.jpg; EX2205\_IMG\_20220725T121436Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T121606Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T121723Z\_D06\_03B\_04.jpg;  
EX2205\_IMG\_20220725T121741Z\_D06\_03B\_02.jpg; EX2205\_IMG\_20220725T121840Z\_CPHD.jpg;  
EX2205\_IMG\_20220725T121936Z\_ROVHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE06			
<b>Dive Location</b>	Kurchatov Ridge					
<b>Spec ID</b>	EX2205_20220725T121828_D2_DIVE06_SPEC03BIO_A01		( EX2205_D06_03B_A01 )			
<b>Collection Date:</b>	20220725	<b>Collection Time:</b>	121828	<b>Lat and Long:</b>	40.66243	-29.38475
<b>Collection Reason:</b>			<b>ROV Box Used:</b>			
<b>Phylum:</b>	Arthropoda	<b>Field ID</b>	Thecostraca			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	1754.5	<b>Temp C</b>	4.115
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	34.971	<b>Oxygen</b>	8.180
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>			<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>						
<b>FrameGrab Images:</b>						
<b>Lab Camera Images:</b>	EX2205_IMG_20220725T121828Z_SMPSTL_D06_03B_A01_L01.JPG; EX2205_IMG_20220725T121828Z_SMPWLF_D06_03B_A01_L01.jpg; EX2205_IMG_20220725T121828Z_SMPWLF_D06_03B_A01_L02.jpg;					
<b>Microscope Images:</b>						



**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T121828\_D2\_DIVE06\_SPEC03BIO\_A02 ( EX2205\_D06\_03B\_A02 )

**Collection Date:** 20220725 **Collection Time:** 121828 **Lat and Long:** 40.66243 -29.38475

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Cnidaria **Field ID** Hydroida

**Preparation** 95% analytical EtOH **Depth m:** 1754.5 **Temp C** 4.115

**Preservative** 95% EtOH **Salinity:** 34.971 **Oxygen** 8.180

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T121828Z\_SMPWLF\_D06\_03B\_A02\_L01.jpg;

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T130450\_D2\_DIVE06\_SPEC04GEO ( EX2205\_D06\_04G )

**Collection Date:** 20220725 **Collection Time:** 130450 **Lat and Long:** 40.66248 -29.38482

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

**Phylum:** **Field ID** Pillow fragment

**Preparation** Rinsed and Dried **Depth m:** 1739.1 **Temp C** 4.148

**Preservative** Rinsed and Dried **Salinity:** 34.973 **Oxygen** 8.164

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

**Submersible Videos:** EX2205\_VID\_20220725T130000Z\_CPHD.mov; EX2205\_VID\_20220725T130000Z\_ROVHD.mov;  
EX2205\_VID\_20220725T130305Z\_D06\_04G\_02.mov;  
EX2205\_VID\_20220725T130305Z\_D06\_04G\_05.mov;  
EX2205\_VID\_20220725T130433Z\_D06\_04G\_02.mov;  
EX2205\_VID\_20220725T130433Z\_D06\_04G\_04.mov;  
EX2205\_VID\_20220725T130459Z\_CPHD.mov; EX2205\_VID\_20220725T130459Z\_ROVHD.mov;

**FrameGrab Images:** EX2205\_IMG\_20220725T125813Z\_ROVHD.jpg; EX2205\_IMG\_20220725T125844Z\_CPHD.jpg;

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE06
<b>Dive Location</b>	Kurchatov Ridge		
	EX2205_IMG_20220725T130126Z_CPHD.jpg; EX2205_IMG_20220725T130313Z_D06_04G_05.jpg; EX2205_IMG_20220725T130315Z_D06_04G_02.jpg; EX2205_IMG_20220725T130415Z_ROVHD.jpg; EX2205_IMG_20220725T130443Z_D06_04G_04.jpg; EX2205_IMG_20220725T130453Z_D06_04G_02.jpg; EX2205_IMG_20220725T130651Z_ROVHD.jpg;		
<b>Lab Camera Images:</b>	EX2205_IMG_20220725T130450Z_SMPSTL_D06_04G_L01.CR2; EX2205_IMG_20220725T130450Z_SMPSTL_D06_04G_L01.JPG;		
<b>Microscope Images:</b>			
<b>Microscope Videos:</b>			

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T130450\_D2\_DIVE06\_SPEC04GEO\_A01 ( EX2205\_D06\_04G\_A01 )

**Collection Date:** 20220725 **Collection Time:** 130450 **Lat and Long:** 40.66248 -29.38482

**Collection Reason:**  **ROV Box Used:**

**Phylum:**  **Field ID**

**Preparation** 95% analytical EtOH **Depth m:** 1739.1 **Temp C** 4.148

**Preservative** 95% EtOH **Salinity:** 34.973 **Oxygen** 8.164

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T130450Z\_SMPWLF\_D06\_04G\_A01\_L01.jpg;  
EX2205\_IMG\_20220725T130450Z\_SMPWLF\_D06\_04G\_A01\_L02.jpg;  
EX2205\_IMG\_20220725T130450Z\_SMPWLF\_D06\_04G\_A01\_L03.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T140038\_D2\_DIVE06\_SPEC05BIO ( EX2205\_D06\_05B )

**Collection Date:** 20220725 **Collection Time:** 140038 **Lat and Long:** 40.66262 -29.38526

**Collection Reason:** Potential Undescribed Species **ROV Box Used:** Port Inboard Bio Box

**Phylum:** Chordata **Field ID** Tunicata

**Preparation** Formalin **Depth m:** 1724.6 **Temp C** 4.139

**Preservative** **Salinity:** 34.972 **Oxygen** 8.101

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

**Submersible Videos:** EX2205\_VID\_20220725T134459Z\_CPHD.mov; EX2205\_VID\_20220725T134459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T135000Z\_CPHD.mov; EX2205\_VID\_20220725T135000Z\_ROVHD.mov;  
EX2205\_VID\_20220725T135117Z\_SBMAN\_PYC.mov; EX2205\_VID\_20220725T135459Z\_CPHD.mov;  
EX2205\_VID\_20220725T135459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T135812Z\_D06\_05B\_02.mov;  
EX2205\_VID\_20220725T135812Z\_D06\_05B\_04.mov;  
EX2205\_VID\_20220725T135812Z\_D06\_05B\_05.mov; EX2205\_VID\_20220725T140000Z\_CPHD.mov;  
EX2205\_VID\_20220725T140000Z\_ROVHD.mov;

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**FrameGrab Images:**

EX2205\_IMG\_20220725T134848Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T135129Z\_SBMAN\_PYC.jpg;  
EX2205\_IMG\_20220725T135153Z\_ROVHD.jpg; EX2205\_IMG\_20220725T135322Z\_CPHD.jpg;  
EX2205\_IMG\_20220725T135839Z\_CPHD.jpg; EX2205\_IMG\_20220725T135900Z\_D06\_05B\_05.jpg;  
EX2205\_IMG\_20220725T135901Z\_D06\_05B\_02.jpg;  
EX2205\_IMG\_20220725T135901Z\_D06\_05B\_04.jpg;  
EX2205\_IMG\_20220725T135908Z\_ROVHD.jpg; EX2205\_IMG\_20220725T135939Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T140015Z\_D06\_05B\_04.jpg;  
EX2205\_IMG\_20220725T140015Z\_D06\_05B\_05.jpg;  
EX2205\_IMG\_20220725T140019Z\_D06\_05B\_02.jpg;  
EX2205\_IMG\_20220725T140232Z\_ROVHD.jpg; EX2205\_IMG\_20220725T140329Z\_ROVHD.jpg;

**Lab Camera Images:****Microscope Images:****Microscope Videos:**



**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T140038\_D2\_DIVE06\_SPEC05BIO\_A01 ( EX2205\_D06\_05B\_A01 )

**Collection Date:** 20220725 **Collection Time:** 140038 **Lat and Long:** 40.66262 -29.38526

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Bryozoa **Field ID** Bryozoa

**Preparation** 95% analytical EtOH **Depth m:** 1724.6 **Temp C** 4.139

**Preservative** 95% EtOH **Salinity:** 34.972 **Oxygen** 8.101

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A01\_L01.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A01\_L02.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A01\_L03.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T140038\_D2\_DIVE06\_SPEC05BIO\_A02 ( EX2205\_D06\_05B\_A02 )

**Collection Date:** 20220725 **Collection Time:** 140038 **Lat and Long:** 40.66262 -29.38526

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Arthropoda **Field ID** Caprellidea

**Preparation** 95% analytical EtOH **Depth m:** 1724.6 **Temp C** 4.139

**Preservative** 95% EtOH **Salinity:** 34.972 **Oxygen** 8.101

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A02\_L04.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A02\_L05.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A02\_L01.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A02\_L02.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A02\_L03.jpg;

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T140038\_D2\_DIVE06\_SPEC05BIO\_A03 ( EX2205\_D06\_05B\_A03 )

**Collection Date:** 20220725 **Collection Time:** 140038 **Lat and Long:** 40.66262 -29.38526

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Porifera **Field ID** Porifera

**Preparation** 95% analytical EtOH **Depth m:** 1724.6 **Temp C** 4.139

**Preservative** 95% EtOH **Salinity:** 34.972 **Oxygen** 8.101

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A03\_L01.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A03\_L02.jpg;

**Microscope Images:**

**Microscope Videos:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T140038\_D2\_DIVE06\_SPEC05BIO\_A04 ( EX2205\_D06\_05B\_A04 )

**Collection Date:** 20220725 **Collection Time:** 140038 **Lat and Long:** 40.66262 -29.38526

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Echinodermata **Field ID** Crinoidea

**Preparation**  **Depth m:** 1724.6 **Temp C** 4.139

**Preservative**  **Salinity:** 34.972 **Oxygen** 8.101

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A04\_L01.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A04\_L02.jpg;

**Microscope Images:**

**Microscope Videos:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge



**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T140038\_D2\_DIVE06\_SPEC05BIO\_A05 ( EX2205\_D06\_05B\_A05 )

**Collection Date:** 20220725 **Collection Time:** 140038 **Lat and Long:** 40.66262 -29.38526

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Annelida **Field ID** Polychaeta

**Preparation** 95% analytical EtOH **Depth m:** 1724.6 **Temp C** 4.139

**Preservative**  **Salinity:** 34.972 **Oxygen** 8.101

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A05\_L01.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A05\_L02.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A05\_L03.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T140038\_D2\_DIVE06\_SPEC05BIO\_A06 ( EX2205\_D06\_05B\_A06 )

**Collection Date:** 20220725 **Collection Time:** 140038 **Lat and Long:** 40.66262 -29.38526

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Cnidaria **Field ID** Octocorallia

**Preparation** 95% analytical EtOH **Depth m:** 1724.6 **Temp C** 4.139

**Preservative**  **Salinity:** 34.972 **Oxygen** 8.101

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A06\_L01.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A06\_L02.jpg;  
EX2205\_IMG\_20220725T140038Z\_SMPWLF\_D06\_05B\_A06\_L03.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T143912\_D2\_DIVE06\_SPEC06GEO ( EX2205\_D06\_06G )

**Collection Date:** 20220725 **Collection Time:** 143912 **Lat and Long:** 40.66267 -29.38576

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

**Phylum:** **Field ID** basalt - likely not talus

**Preparation** Rinsed and Dried **Depth m:** 1712.6 **Temp C** 4.154

**Preservative** Rinsed and Dried **Salinity:** 34.974 **Oxygen** 8.098

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

**Submersible Videos:** EX2205\_VID\_20220725T143000Z\_CPHD.mov; EX2205\_VID\_20220725T143000Z\_ROVHD.mov;  
EX2205\_VID\_20220725T143459Z\_CPHD.mov; EX2205\_VID\_20220725T143459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T143604Z\_D06\_06G\_05.mov;  
EX2205\_VID\_20220725T143835Z\_D06\_06G\_04.mov;  
EX2205\_VID\_20220725T143835Z\_D06\_06G\_05.mov;  
EX2205\_VID\_20220725T144000Z\_CPHD.mov; EX2205\_VID\_20220725T144000Z\_ROVHD.mov;

**FrameGrab Images:** EX2205\_IMG\_20220725T142558Z\_ROVHD.jpg; EX2205\_IMG\_20220725T142812Z\_CPHD.jpg;

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE06
<b>Dive Location</b>	Kurchatov Ridge		
	EX2205_IMG_20220725T142818Z_ROVHD.jpg; EX2205_IMG_20220725T143018Z_ROVHD.jpg; EX2205_IMG_20220725T143239Z_CPHD.jpg; EX2205_IMG_20220725T143353Z_ROVHD.jpg; EX2205_IMG_20220725T143615Z_D06_06G_05.jpg; EX2205_IMG_20220725T143626Z_ROVHD.jpg; EX2205_IMG_20220725T143711Z_ROVHD.jpg; EX2205_IMG_20220725T143757Z_CPHD.jpg; EX2205_IMG_20220725T143840Z_D06_06G_04.jpg; EX2205_IMG_20220725T143840Z_D06_06G_05.jpg; EX2205_IMG_20220725T144156Z_ROVHD.jpg; EX2205_IMG_20220725T144341Z_CPHD.jpg;		
<b>Lab Camera Images:</b>	EX2205_IMG_20220725T143912Z_SMPSTL_D06_06G_L01.CR2; EX2205_IMG_20220725T143912Z_SMPSTL_D06_06G_L01.JPG;		
<b>Microscope Images:</b>			
<b>Microscope Videos:</b>			

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T150323\_D2\_DIVE06\_SPEC07BIO ( EX2205\_D06\_07B )

**Collection Date:** 20220725 **Collection Time:** 150323 **Lat and Long:** 40.66277 -29.38597

**Collection Reason:** Lab Assessment Required for ID **ROV Box Used:** Suction Canister 1

**Phylum:** Cnidaria **Field ID** Placogorgia

**Preparation** 95% analytical EtOH **Depth m:** 1700.2 **Temp C** 4.144

**Preservative** **Salinity:** 34.975 **Oxygen** 8.118

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

**Submersible Videos:** EX2205\_VID\_20220725T145000Z\_ROVHD.mov; EX2205\_VID\_20220725T145459Z\_CPHD.mov;  
EX2205\_VID\_20220725T145459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T145802Z\_D06\_07B\_04.mov;  
EX2205\_VID\_20220725T145804Z\_D06\_07B\_02.mov; EX2205\_VID\_20220725T150000Z\_CPHD.mov;  
EX2205\_VID\_20220725T150000Z\_ROVHD.mov;  
EX2205\_VID\_20220725T150302Z\_D06\_07B\_02.mov;  
EX2205\_VID\_20220725T150302Z\_D06\_07B\_11.mov; EX2205\_VID\_20220725T150459Z\_CPHD.mov;  
EX2205\_VID\_20220725T150459Z\_ROVHD.mov;

**Cruise ID** EX2205

**Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**FrameGrab Images:**

EX2205\_IMG\_20220725T145301Z\_ROVHD.jpg; EX2205\_IMG\_20220725T145354Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T145517Z\_ROVHD.jpg; EX2205\_IMG\_20220725T145722Z\_CPHD.jpg;  
EX2205\_IMG\_20220725T145810Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T145813Z\_D06\_07B\_04.jpg;  
EX2205\_IMG\_20220725T145814Z\_D06\_07B\_02.jpg;  
EX2205\_IMG\_20220725T145928Z\_ROVHD.jpg; EX2205\_IMG\_20220725T150032Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T150307Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T150312Z\_D06\_07B\_02.jpg;  
EX2205\_IMG\_20220725T150317Z\_D06\_07B\_11.jpg; EX2205\_IMG\_20220725T150340Z\_CPHD.jpg;  
EX2205\_IMG\_20220725T150515Z\_CPHD.jpg; EX2205\_IMG\_20220725T150817Z\_ROVHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**



**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T150323\_D2\_DIVE06\_SPEC07BIO\_A01 ( EX2205\_D06\_07B\_A01 )

**Collection Date:** 20220725 **Collection Time:** 150323 **Lat and Long:** 40.66277 -29.38597

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Arthropoda **Field ID** Lysianassidae

**Preparation** 95% analytical EtOH **Depth m:** 1700.2 **Temp C** 4.144

**Preservative**  **Salinity:** 34.975 **Oxygen** 8.118

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T150323Z\_SMPWLF\_D06\_07B\_A01\_L01.jpg;  
EX2205\_IMG\_20220725T150323Z\_SMPWLF\_D06\_07B\_A01\_L02.jpg;

**Microscope Images:**

**Microscope Videos:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T152559\_D2\_DIVE06\_SPEC08BIO ( EX2205\_D06\_08B )

**Collection Date:** 20220725 **Collection Time:** 152559 **Lat and Long:** 40.66272 -29.38612

**Collection Reason:** Lab Assessment Required for ID **ROV Box Used:** Starboard Inboard Bio Box

**Phylum:** Porifera **Field ID** Hertwigia

**Preparation** Dried **Depth m:** 1688.6 **Temp C** 4.134

**Preservative** **Salinity:** 34.975 **Oxygen** 8.111

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

**Submersible Videos:** EX2205\_VID\_20220725T151459Z\_CPHD.mov; EX2205\_VID\_20220725T151459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T152000Z\_CPHD.mov; EX2205\_VID\_20220725T152000Z\_ROVHD.mov;  
EX2205\_VID\_20220725T152140Z\_D06\_08B\_05.mov;  
EX2205\_VID\_20220725T152142Z\_D06\_08B\_02.mov; EX2205\_VID\_20220725T152459Z\_CPHD.mov;  
EX2205\_VID\_20220725T152459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T152546Z\_D06\_08B\_02.mov;  
EX2205\_VID\_20220725T152546Z\_D06\_08B\_05.mov; EX2205\_VID\_20220725T153000Z\_CPHD.mov;  
EX2205\_VID\_20220725T153000Z\_ROVHD.mov;

**Cruise ID** EX2205

**Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**FrameGrab Images:**

EX2205\_IMG\_20220725T151433Z\_ROVHD.jpg; EX2205\_IMG\_20220725T151718Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T151736Z\_CPHD.jpg; EX2205\_IMG\_20220725T152158Z\_D06\_08B\_02.jpg;  
EX2205\_IMG\_20220725T152204Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T152208Z\_D06\_08B\_05.jpg; EX2205\_IMG\_20220725T152315Z\_CPHD.jpg;  
EX2205\_IMG\_20220725T152431Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T152554Z\_D06\_08B\_02.jpg;  
EX2205\_IMG\_20220725T152554Z\_D06\_08B\_05.jpg; EX2205\_IMG\_20220725T152703Z\_CPHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T152559\_D2\_DIVE06\_SPEC08BIO\_A01 ( EX2205\_D06\_08B\_A01 )

**Collection Date:** 20220725 **Collection Time:** 152559 **Lat and Long:** 40.66272 -29.38612

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Arthropoda **Field ID** Amphipoda

**Preparation** 95% analytical EtOH **Depth m:** 1688.6 **Temp C** 4.134

**Preservative**  **Salinity:** 34.975 **Oxygen** 8.111

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A01\_L01.jpg;  
EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A01\_L02.jpg;  
EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A01\_L03.jpg;  
EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A01\_L04.jpg;

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T152559\_D2\_DIVE06\_SPEC08BIO\_A02 ( EX2205\_D06\_08B\_A02 )

**Collection Date:** 20220725 **Collection Time:** 152559 **Lat and Long:** 40.66272 -29.38612

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Annelida **Field ID** Polychaeta

**Preparation** 95% analytical EtOH **Depth m:** 1688.6 **Temp C** 4.134

**Preservative**  **Salinity:** 34.975 **Oxygen** 8.111

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A02\_L01.jpg;  
EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A02\_L02.jpg;  
EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A02\_L03.jpg;  
EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A02\_L04.jpg;  
EX2205\_IMG\_20220725T152559Z\_SMPWLF\_D06\_08B\_A02\_L05.jpg;

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**



**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T171826\_D2\_DIVE06\_SPEC09BIO ( EX2205\_D06\_09B )

**Collection Date:** 20220725 **Collection Time:** 171826 **Lat and Long:** 40.66380 -29.38726

**Collection Reason:** Lab Assessment Required for ID **ROV Box Used:** Starboard Outboard Bio Box

**Phylum:** Porifera **Field ID** Porifera

**Preparation** 95% analytical EtOH **Depth m:** 1663.8 **Temp C** 4.169

**Preservative** **Salinity:** 34.978 **Oxygen** 8.069

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

**Submersible Videos:** EX2205\_VID\_20220725T171000Z\_CPHD.mov; EX2205\_VID\_20220725T171000Z\_ROVHD.mov;  
EX2205\_VID\_20220725T171459Z\_CPHD.mov; EX2205\_VID\_20220725T171459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T171537Z\_D06\_09B\_02.mov;  
EX2205\_VID\_20220725T171537Z\_D06\_09B\_05.mov;  
EX2205\_VID\_20220725T171751Z\_D06\_09B\_02.mov;  
EX2205\_VID\_20220725T171751Z\_D06\_09B\_05.mov; EX2205\_VID\_20220725T172000Z\_CPHD.mov;  
EX2205\_VID\_20220725T172000Z\_ROVHD.mov;

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**FrameGrab Images:**

EX2205\_IMG\_20220725T170208Z\_ROVHD.jpg; EX2205\_IMG\_20220725T170226Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T170227Z\_CPHD.jpg; EX2205\_IMG\_20220725T170334Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T170420Z\_ROVHD.jpg; EX2205\_IMG\_20220725T170512Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T170656Z\_CPHD.jpg; EX2205\_IMG\_20220725T170804Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T171014Z\_ROVHD.jpg; EX2205\_IMG\_20220725T171127Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T171340Z\_CPHD.jpg; EX2205\_IMG\_20220725T171536Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T171541Z\_D06\_09B\_05.jpg;  
EX2205\_IMG\_20220725T171542Z\_D06\_09B\_02.jpg;  
EX2205\_IMG\_20220725T171542Z\_ROVHD.jpg; EX2205\_IMG\_20220725T171601Z\_ROVHD.jpg;  
EX2205\_IMG\_20220725T171719Z\_CPHD.jpg; EX2205\_IMG\_20220725T171805Z\_D06\_09B\_05.jpg;  
EX2205\_IMG\_20220725T171823Z\_D06\_09B\_02.jpg;  
EX2205\_IMG\_20220725T172132Z\_ROVHD.jpg; EX2205\_IMG\_20220725T172213Z\_CPHD.jpg;

**Lab Camera Images:****Microscope Images:****Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T171826\_D2\_DIVE06\_SPEC09BIO\_A02 ( EX2205\_D06\_09B\_A02 )

**Collection Date:** 20220725 **Collection Time:** 171826 **Lat and Long:** 40.66380 -29.38726

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Porifera **Field ID** Porifera

**Preparation** 95% analytical EtOH **Depth m:** 1663.8 **Temp C** 4.169

**Preservative**  **Salinity:** 34.978 **Oxygen** 8.069

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A02\_L01.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A02\_L02.jpg;

**Microscope Images:**

**Microscope Videos:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T171826\_D2\_DIVE06\_SPEC09BIO\_A03 ( EX2205\_D06\_09B\_A03 )

**Collection Date:** 20220725 **Collection Time:** 171826 **Lat and Long:** 40.66380 -29.38726

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Annelida **Field ID** Polychaeta

**Preparation** 95% analytical EtOH **Depth m:** 1663.8 **Temp C** 4.169

**Preservative**  **Salinity:** 34.978 **Oxygen** 8.069

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A03\_L01.jpg;

**Microscope Images:** EX2205\_IMG\_20220725T171826Z\_MICRO\_D06\_09B\_A03\_M01.JPG;  
EX2205\_IMG\_20220725T171826Z\_MICRO\_D06\_09B\_A03\_M02.JPG;

**Microscope Videos:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T171826\_D2\_DIVE06\_SPEC09BIO\_A04 ( EX2205\_D06\_09B\_A04 )

**Collection Date:** 20220725 **Collection Time:** 171826 **Lat and Long:** 40.66380 -29.38726

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Annelida **Field ID** Polychaeta

**Preparation** 95% analytical EtOH **Depth m:** 1663.8 **Temp C** 4.169

**Preservative**  **Salinity:** 34.978 **Oxygen** 8.069

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A04\_L01.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A04\_L02.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A04\_L03.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Videos:**



**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T171826\_D2\_DIVE06\_SPEC09BIO\_A05 ( EX2205\_D06\_09B\_A05 )

**Collection Date:** 20220725 **Collection Time:** 171826 **Lat and Long:** 40.66380 -29.38726

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Arthropoda **Field ID** Amphipoda

**Preparation** 95% analytical EtOH **Depth m:** 1663.8 **Temp C** 4.169

**Preservative**  **Salinity:** 34.978 **Oxygen** 8.069

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A05\_L01.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A05\_L02.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A05\_L03.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A05\_L04.jpg;

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T171826\_D2\_DIVE06\_SPEC09BIO\_A06 ( EX2205\_D06\_09B\_A06 )

**Collection Date:** 20220725 **Collection Time:** 171826 **Lat and Long:** 40.66380 -29.38726

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Annelida **Field ID** Serpulidae

**Preparation** 95% analytical EtOH **Depth m:** 1663.8 **Temp C** 4.169

**Preservative**  **Salinity:** 34.978 **Oxygen** 8.069

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A06\_L01.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A06\_L02.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A06\_L03.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T171826\_D2\_DIVE06\_SPEC09BIO\_A07 ( EX2205\_D06\_09B\_A07 )

**Collection Date:** 20220725 **Collection Time:** 171826 **Lat and Long:** 40.66380 -29.38726

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Porifera **Field ID** Porifera

**Preparation** 95% analytical EtOH **Depth m:** 1663.8 **Temp C** 4.169

**Preservative**  **Salinity:** 34.978 **Oxygen** 8.069

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A07\_L01.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A07\_L02.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A07\_L03.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T171826\_D2\_DIVE06\_SPEC09BIO\_A08 ( EX2205\_D06\_09B\_A08 )

**Collection Date:** 20220725 **Collection Time:** 171826 **Lat and Long:** 40.66380 -29.38726

**Collection Reason:**  **ROV Box Used:**

**Phylum:** Porifera **Field ID** Asbestopluma

**Preparation** 95% analytical EtOH **Depth m:** 1663.8 **Temp C** 4.169

**Preservative** 95% EtOH **Salinity:** 34.978 **Oxygen** 8.069

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A08\_L01.jpg;  
EX2205\_IMG\_20220725T171826Z\_SMPWLF\_D06\_09B\_A08\_L02.jpg;

**Microscope Images:**

**Microscope Videos:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge



**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T172615\_D2\_DIVE06\_SPEC10WAT ( EX2205\_D06\_10W )

**Collection Date:** 20220725 **Collection Time:** 172615 **Lat and Long:** 40.66387 -29.38749

**Collection Reason:** eDNA **ROV Box Used:** Niskin Bottle 3

**Phylum:**  **Field ID** Water sample for eDNA

**Preparation**  **Depth m:** 1653.1 **Temp C** 4.153

**Preservative** Longmire's Buffer Solution **Salinity:** 34.973 **Oxygen** 8.067

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

**Submersible Videos:** EX2205\_VID\_20220725T172459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T172607Z\_D06\_10W\_08.mov;  
EX2205\_VID\_20220725T173000Z\_CPHD.mov;

**FrameGrab Images:** EX2205\_IMG\_20220725T172555Z\_CPHD.jpg; EX2205\_IMG\_20220725T172613Z\_D06\_10W\_08.jpg;  
EX2205\_IMG\_20220725T172641Z\_ROVHD.jpg;

**Lab Camera Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T173328\_D2\_DIVE06\_SPEC11WAT ( EX2205\_D06\_11W )

**Collection Date:** 20220725 **Collection Time:** 173328 **Lat and Long:** 40.66389 -29.38744

**Collection Reason:** eDNA **ROV Box Used:** Niskin Bottle 4

**Phylum:**  **Field ID** Water sample for eDNA - on bottom

**Preparation**  **Depth m:** 1645.0 **Temp C** 4.192

**Preservative** Longmire's Buffer Solution **Salinity:** 34.981 **Oxygen** 8.028

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

**Submersible Videos:** EX2205\_VID\_20220725T173000Z\_ROVHD.mov;  
EX2205\_VID\_20220725T173313Z\_D06\_11W\_08.mov;  
EX2205\_VID\_20220725T173459Z\_CPHD.mov;

**FrameGrab Images:** EX2205\_IMG\_20220725T173143Z\_CPHD.jpg; EX2205\_IMG\_20220725T173316Z\_D06\_11W\_08.jpg;  
EX2205\_IMG\_20220725T173655Z\_ROVHD.jpg;

**Lab Camera Images:**

**Cruise ID** EX2205

**Dive ID** DIVE06

**Dive Location** Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE06  
**Dive Location** Kurchatov Ridge

**Spec ID** EX2205\_20220725T181607\_D2\_DIVE06\_SPEC12WAT ( EX2205\_D06\_12W )

**Collection Date:** 20220725 **Collection Time:** 181607 **Lat and Long:** 40.66176 -29.39024

**Collection Reason:** eDNA **ROV Box Used:** Niskin Bottle 5

**Phylum:**  **Field ID** Water sample for eDNA - DSL

**Preparation**  **Depth m:** 539.7 **Temp C** 11.605

**Preservative** Longmire's Buffer Solution **Salinity:** 35.515 **Oxygen** 6.705

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

**Submersible Videos:** EX2205\_VID\_20220725T181459Z\_ROVHD.mov;  
EX2205\_VID\_20220725T181517Z\_D06\_12W\_08.mov;  
EX2205\_VID\_20220725T182000Z\_CPHD.mov;

**FrameGrab Images:** EX2205\_IMG\_20220725T181300Z\_CPHD.jpg; EX2205\_IMG\_20220725T181521Z\_D06\_12W\_08.jpg;  
EX2205\_IMG\_20220725T181543Z\_CPHD.jpg;

**Lab Camera Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE06

**Dive Location**

Kurchatov Ridge

**Microscope Images:**

**Microscope Videos:**