

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		

**Spec ID** EX2205\_20220726T105939\_D2\_DIVE07\_BLW ( EX2205\_D07\_BLW )

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

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

**Phylum:**  **Field ID** Blank Water Specimen

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

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

**Repository Info:** SNMNH **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>	DIVE07			
<b>Dive Location</b>	Kurchatov Deep					
<b>Spec ID</b>	EX2205_20220726T105939_D2_DIVE07_SPEC01WAT		( EX2205_D07_01W )			
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	105939	<b>Lat and Long:</b>	40.54856	-29.51567
<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>	596.8	<b>Temp C</b>	11.465	
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.504	<b>Oxygen</b>	6.747
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2205_VID_20220726T105459Z_ROVHD.mov; EX2205_VID_20220726T105934Z_D07_01W_08.mov; EX2205_VID_20220726T110000Z_CPHD.mov;					
<b>FrameGrab Images:</b>	EX2205_IMG_20220726T105728Z_ROVHD.jpg; EX2205_IMG_20220726T105729Z_CPHD.jpg; EX2205_IMG_20220726T105937Z_D07_01W_08.jpg; EX2205_IMG_20220726T110217Z_ROVHD.jpg;					
<b>Lab Camera Images:</b>						

**Cruise ID**

EX2205

**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07			
<b>Dive Location</b>	Kurchatov Deep					
<b>Spec ID</b>	EX2205_20220726T124409_D2_DIVE07_SPEC02WAT		( EX2205_D07_02W )			
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	124409	<b>Lat and Long:</b>	40.54907	-29.51826
<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>	3341.8	<b>Temp C</b>	3.397	
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	34.932	<b>Oxygen</b>	7.818
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2205_VID_20220726T123459Z_ROVHD.mov; EX2205_VID_20220726T123832Z_D07_02W_08.mov; EX2205_VID_20220726T124000Z_CPHD.mov; EX2205_VID_20220726T124000Z_ROVHD.mov;					
<b>FrameGrab Images:</b>	EX2205_IMG_20220726T123800Z_CPHD.jpg; EX2205_IMG_20220726T123817Z_ROVHD.jpg; EX2205_IMG_20220726T123834Z_D07_02W_08.jpg; EX2205_IMG_20220726T123842Z_ROVHD.jpg;					
<b>Lab Camera Images:</b>						

**Cruise ID**

EX2205

**Dive ID**

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**Dive Location**

Kurchatov Deep

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		
<b>Spec ID</b>	EX2205_20220726T132845_D2_DIVE07_SPEC03GEO		( EX2205_D07_03G )
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	132845
		<b>Lat and Long:</b>	40.54913 -29.51877
<b>Collection Reason:</b>	Characteristic of Site		<b>ROV Box Used:</b> Starboard Forward Rock Box
<b>Phylum:</b>		<b>Field ID</b>	Pillow basalt fragment 1
<b>Preparation</b>	Rinsed and Dried		<b>Depth m:</b> 3322.6 <b>Temp C</b> 3.398
<b>Preservative</b>	Rinsed and Dried		<b>Salinity:</b> 34.934 <b>Oxygen</b> 7.899
<b>Repository Info:</b>	OSU	<b>SubSample Repository:</b>	
		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220726T132000Z_ROVHD.mov; EX2205_VID_20220726T132459Z_CPHD.mov; EX2205_VID_20220726T132459Z_ROVHD.mov; EX2205_VID_20220726T132559Z_D07_03G_04.mov; EX2205_VID_20220726T132559Z_D07_03G_05.mov; EX2205_VID_20220726T132811Z_D07_03G_04.mov; EX2205_VID_20220726T132811Z_D07_03G_05.mov; EX2205_VID_20220726T133000Z_CPHD.mov; EX2205_VID_20220726T133000Z_ROVHD.mov;		

**Cruise ID** EX2205

**Dive ID** DIVE07

**Dive Location** Kurchatov Deep

**FrameGrab Images:** EX2205\_IMG\_20220726T132224Z\_ROVHD.jpg; EX2205\_IMG\_20220726T132433Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T132553Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T132607Z\_D07\_03G\_04.jpg;  
EX2205\_IMG\_20220726T132628Z\_D07\_03G\_05.jpg;  
EX2205\_IMG\_20220726T132703Z\_ROVHD.jpg; EX2205\_IMG\_20220726T132745Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T132808Z\_CPHD.jpg; EX2205\_IMG\_20220726T132828Z\_D07\_03G\_05.jpg;  
EX2205\_IMG\_20220726T132830Z\_D07\_03G\_04.jpg;  
EX2205\_IMG\_20220726T132919Z\_ROVHD.jpg;

**Lab Camera Images:** EX2205\_IMG\_20220726T132845Z\_SMPSTL\_D07\_03G\_L01.CR2;  
EX2205\_IMG\_20220726T132845Z\_SMPSTL\_D07\_03G\_L01.JPG;

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07			
<b>Dive Location</b>	Kurchatov Deep					
<b>Spec ID</b>	EX2205_20220726T132845_D2_DIVE07_SPEC03GEO_A01		( EX2205_D07_03G_A01 )			
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	132845	<b>Lat and Long:</b>	40.54913	-29.51877
<b>Collection Reason:</b>		<b>ROV Box Used:</b>				
<b>Phylum:</b>	Porifera	<b>Field ID</b>	Porifera			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	3322.6	<b>Temp C</b>	3.398
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	34.934	<b>Oxygen</b>	7.899
<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_20220726T132845Z_SMPWLF_D07_03G_A01_L01.jpg; EX2205_IMG_20220726T132845Z_SMPWLF_D07_03G_A01_L02.jpg; EX2205_IMG_20220726T132845Z_SMPWLF_D07_03G_A01_L03.jpg; EX2205_IMG_20220726T132845Z_SMPWLF_D07_03G_A01_L04.jpg; EX2205_IMG_20220726T132845Z_SMPWLF_D07_03G_A01_L05.jpg;					



**Cruise ID**

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**Dive ID**

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**Dive Location**

Kurchatov Deep

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07			
<b>Dive Location</b>	Kurchatov Deep					
<b>Spec ID</b>	EX2205_20220726T132845_D2_DIVE07_SPEC03GEO_A02		( EX2205_D07_03G_A02 )			
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	132845	<b>Lat and Long:</b>	40.54913	-29.51877
<b>Collection Reason:</b>			<b>ROV Box Used:</b>			
<b>Phylum:</b>	Porifera	<b>Field ID</b>	Porifera			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	3322.6	<b>Temp C</b>	3.398
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	34.934	<b>Oxygen</b>	7.899
<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_20220726T132845Z_SMPWLF_D07_03G_A02_L01.jpg; EX2205_IMG_20220726T132845Z_SMPWLF_D07_03G_A02_L02.jpg; EX2205_IMG_20220726T132845Z_SMPWLF_D07_03G_A02_L03.jpg; EX2205_IMG_20220726T132845Z_SMPWLF_D07_03G_A02_L04.jpg; EX2205_IMG_20220726T132845Z_SMPWLF_D07_03G_A02_L05.jpg;					

**Cruise ID**

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**Dive ID**

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**Dive Location**

Kurchatov Deep

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07			
<b>Dive Location</b>	Kurchatov Deep					
<b>Spec ID</b>	EX2205_20220726T141852_D2_DIVE07_SPEC04BIO		( EX2205_D07_04B )			
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	141852	<b>Lat and Long:</b>	40.54895	-29.51931
<b>Collection Reason:</b>	Potential Undescribed Species		<b>ROV Box Used:</b>	Port Outboard Bio Box		
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Primnoidae			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	3280.3	<b>Temp C</b>	3.391
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	34.932	<b>Oxygen</b>	7.852
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH	<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2205_VID_20220726T140459Z_CPHD.mov; EX2205_VID_20220726T140459Z_ROVHD.mov; EX2205_VID_20220726T141000Z_CPHD.mov; EX2205_VID_20220726T141000Z_ROVHD.mov; EX2205_VID_20220726T141225Z_D07_04B_02.mov; EX2205_VID_20220726T141225Z_D07_04B_04.mov; EX2205_VID_20220726T141459Z_CPHD.mov; EX2205_VID_20220726T141459Z_ROVHD.mov; EX2205_VID_20220726T141740Z_D07_04B_02.mov; EX2205_VID_20220726T141740Z_D07_04B_04.mov; EX2205_VID_20220726T142000Z_CPHD.mov; EX2205_VID_20220726T142000Z_ROVHD.mov;					

**Cruise ID**

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**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**FrameGrab Images:**

EX2205\_IMG\_20220726T140220Z\_ROVHD.jpg; EX2205\_IMG\_20220726T140250Z\_CPHD.jpg;  
EX2205\_IMG\_20220726T140301Z\_ROVHD.jpg; EX2205\_IMG\_20220726T140328Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T140421Z\_ROVHD.jpg; EX2205\_IMG\_20220726T140611Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T140639Z\_ROVHD.jpg; EX2205\_IMG\_20220726T140725Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T140735Z\_CPHD.jpg; EX2205\_IMG\_20220726T140828Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T140903Z\_ROVHD.jpg; EX2205\_IMG\_20220726T140947Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T141228Z\_CPHD.jpg; EX2205\_IMG\_20220726T141247Z\_D07\_04B\_02.jpg;  
EX2205\_IMG\_20220726T141250Z\_D07\_04B\_04.jpg;  
EX2205\_IMG\_20220726T141306Z\_ROVHD.jpg; EX2205\_IMG\_20220726T141351Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T141447Z\_ROVHD.jpg; EX2205\_IMG\_20220726T141610Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T141804Z\_D07\_04B\_02.jpg;  
EX2205\_IMG\_20220726T141812Z\_D07\_04B\_04.jpg; EX2205\_IMG\_20220726T141845Z\_CPHD.jpg;  
EX2205\_IMG\_20220726T141857Z\_ROVHD.jpg; EX2205\_IMG\_20220726T142214Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T142229Z\_CPHD.jpg;

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

**Cruise ID**

EX2205

**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE07  
**Dive Location** Kurchatov Deep

**Spec ID** EX2205\_20220726T154703\_D2\_DIVE07\_SPEC05BIO ( EX2205\_D07\_05B )

**Collection Date:** 20220726 **Collection Time:** 154703 **Lat and Long:** 40.54753 -29.52136

**Collection Reason:** Range Extension **ROV Box Used:** Suction Canister 1

**Phylum:** Cnidaria **Field ID** Benthocodon

**Preparation** 95% analytical EtOH **Depth m:** 3269.4 **Temp C** 3.390

**Preservative** 95% EtOH **Salinity:** 34.931 **Oxygen** 7.855

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

**Submersible Videos:** EX2205\_VID\_20220726T154459Z\_CPHD.mov; EX2205\_VID\_20220726T154459Z\_ROVHD.mov;  
EX2205\_VID\_20220726T154646Z\_D07\_05B\_02.mov;  
EX2205\_VID\_20220726T154646Z\_D07\_05B\_04.mov;  
EX2205\_VID\_20220726T154659Z\_D07\_05B\_11.mov;

**FrameGrab Images:** EX2205\_IMG\_20220726T154519Z\_ROVHD.jpg; EX2205\_IMG\_20220726T154533Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T154658Z\_D07\_05B\_04.jpg;  
EX2205\_IMG\_20220726T154659Z\_D07\_05B\_02.jpg;

**Cruise ID** EX2205

**Dive ID** DIVE07

**Dive Location** Kurchatov Deep

EX2205\_IMG\_20220726T154659Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T154704Z\_D07\_05B\_11.jpg; EX2205\_IMG\_20220726T154846Z\_CPHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**



**Cruise ID** EX2205 **Dive ID** DIVE07

**Dive Location** Kurchatov Deep

**Spec ID** EX2205\_20220726T162020\_D2\_DIVE07\_SPEC06GEO ( EX2205\_D07\_06G )

**Collection Date:** 20220726 **Collection Time:** 162020 **Lat and Long:** 40.54751 -29.52229

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

**Phylum:**  **Field ID** Pillow rind 1

**Preparation** Rinsed and Dried **Depth m:** 3230.6 **Temp C** 3.393

**Preservative** Rinsed and Dried **Salinity:** 35.023 **Oxygen** 7.868

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

**Submersible Videos:** EX2205\_VID\_20220726T161000Z\_CPHD.mov; EX2205\_VID\_20220726T161000Z\_ROVHD.mov;  
EX2205\_VID\_20220726T161459Z\_CPHD.mov; EX2205\_VID\_20220726T161459Z\_ROVHD.mov;  
EX2205\_VID\_20220726T161645Z\_D07\_06G\_02.mov;  
EX2205\_VID\_20220726T161645Z\_D07\_06G\_04.mov;  
EX2205\_VID\_20220726T161845Z\_D07\_06G\_02.mov;  
EX2205\_VID\_20220726T161845Z\_D07\_06G\_04.mov;  
EX2205\_VID\_20220726T161956Z\_D07\_06G\_02.mov;  
EX2205\_VID\_20220726T161956Z\_D07\_06G\_04.mov;

Cruise ID

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Dive ID

DIVE07

Dive Location

Kurchatov Deep

**FrameGrab Images:**

EX2205\_IMG\_20220726T161330Z\_ROVHD.jpg; EX2205\_IMG\_20220726T161334Z\_CPHD.jpg;  
EX2205\_IMG\_20220726T161459Z\_ROVHD.jpg; EX2205\_IMG\_20220726T161656Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T161658Z\_D07\_06G\_04.jpg;  
EX2205\_IMG\_20220726T161703Z\_D07\_06G\_02.jpg; EX2205\_IMG\_20220726T161801Z\_CPHD.jpg;  
EX2205\_IMG\_20220726T161855Z\_D07\_06G\_02.jpg;  
EX2205\_IMG\_20220726T161903Z\_D07\_06G\_04.jpg;  
EX2205\_IMG\_20220726T161904Z\_ROVHD.jpg; EX2205\_IMG\_20220726T161931Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T162003Z\_D07\_06G\_04.jpg;  
EX2205\_IMG\_20220726T162013Z\_D07\_06G\_02.jpg;  
EX2205\_IMG\_20220726T162155Z\_ROVHD.jpg; EX2205\_IMG\_20220726T162210Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T162248Z\_CPHD.jpg; EX2205\_IMG\_20220726T162259Z\_ROVHD.jpg;

**Lab Camera Images:**

EX2205\_IMG\_20220726T162020Z\_SMPSTL\_D07\_06G\_L01.CR2;  
EX2205\_IMG\_20220726T162020Z\_SMPSTL\_D07\_06G\_L01.JPG;

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE07

**Dive Location** Kurchatov Deep

**Spec ID** EX2205\_20220726T162020\_D2\_DIVE07\_SPEC06GEO\_A01 ( EX2205\_D07\_06G\_A01 )

**Collection Date:** 20220726 **Collection Time:** 162020 **Lat and Long:** 40.54751 -29.52229

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

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

**Preparation** 95% analytical EtOH **Depth m:** 3230.6 **Temp C** 3.393

**Preservative** 95% EtOH **Salinity:** 35.023 **Oxygen** 7.868

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A01\_L01.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A01\_L02.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A01\_L03.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A01\_L04.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A01\_L05.jpg;

**Cruise ID**

EX2205

**Dive ID**

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**Dive Location**

Kurchatov Deep

**Microscope Images:**

**Microscope Videos:**

**Cruise ID** EX2205 **Dive ID** DIVE07

**Dive Location** Kurchatov Deep

**Spec ID** EX2205\_20220726T162020\_D2\_DIVE07\_SPEC06GEO\_A02 ( EX2205\_D07\_06G\_A02 )

**Collection Date:** 20220726 **Collection Time:** 162020 **Lat and Long:** 40.54751 -29.52229

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

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

**Preparation** 95% analytical EtOH **Depth m:** 3230.6 **Temp C** 3.393

**Preservative** 95% EtOH **Salinity:** 35.023 **Oxygen** 7.868

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A02\_L03.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A02\_L01.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A02\_L02.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		

**Spec ID** EX2205\_20220726T162020\_D2\_DIVE07\_SPEC06GEO\_A03 ( EX2205\_D07\_06G\_A03 )

**Collection Date:** 20220726 **Collection Time:** 162020 **Lat and Long:** 40.54751 -29.52229

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

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

**Preparation** 95% analytical EtOH **Depth m:** 3230.6 **Temp C** 3.393

**Preservative** 95% EtOH **Salinity:** 35.023 **Oxygen** 7.868

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A03\_L01.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A03\_L02.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A03\_L03.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**Microscope Videos:**



<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		

**Spec ID** EX2205\_20220726T162020\_D2\_DIVE07\_SPEC06GEO\_A04 ( EX2205\_D07\_06G\_A04 )

**Collection Date:** 20220726 **Collection Time:** 162020 **Lat and Long:** 40.54751 -29.52229

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

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

**Preparation** 95% analytical EtOH **Depth m:** 3230.6 **Temp C** 3.393

**Preservative** 95% EtOH **Salinity:** 35.023 **Oxygen** 7.868

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

**Submersible Videos:**

**FrameGrab Images:**

**Lab Camera Images:** EX2205\_IMG\_20220726T162020Z\_SMPSTL\_D07\_06G\_A04\_L01.JPG;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A04\_L01.jpg;  
EX2205\_IMG\_20220726T162020Z\_SMPWLF\_D07\_06G\_A04\_L02.jpg;

**Microscope Images:**

**Cruise ID**

EX2205

**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		
<b>Spec ID</b>	EX2205_20220726T162900_D2_DIVE07_SPEC07WAT		( EX2205_D07_07W )
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	162900
		<b>Lat and Long:</b>	40.54746 -29.52237
<b>Collection Reason:</b>	eDNA	<b>ROV Box Used:</b>	Niskin Bottle 3
<b>Phylum:</b>		<b>Field ID</b>	Water sample for eDNA
<b>Preparation</b>		<b>Depth m:</b>	3221.2
		<b>Temp C</b>	3.384
<b>Preservative</b>	Longmire's Buffer Solution	<b>Salinity:</b>	34.932
		<b>Oxygen</b>	7.829
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	
		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220726T162834Z_D07_07W_08.mov;		
<b>FrameGrab Images:</b>	EX2205_IMG_20220726T162840Z_D07_07W_08.jpg;		
<b>Lab Camera Images:</b>			
<b>Microscope Images:</b>			
<b>Microscope Videos:</b>			

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		
<b>Spec ID</b>	EX2205_20220726T162947_D2_DIVE07_SPEC08WAT		( EX2205_D07_08W )
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	162947
		<b>Lat and Long:</b>	40.54738 -29.52224
<b>Collection Reason:</b>	eDNA	<b>ROV Box Used:</b>	Niskin Bottle 4
<b>Phylum:</b>		<b>Field ID</b>	Water sample for eDNA-same as #3
<b>Preparation</b>		<b>Depth m:</b>	3221.0
		<b>Temp C</b>	3.390
<b>Preservative</b>	Longmire's Buffer Solution	<b>Salinity:</b>	34.931
		<b>Oxygen</b>	7.881
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	
		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220726T162834Z_D07_08W_08.mov;		
<b>FrameGrab Images:</b>	EX2205_IMG_20220726T162840Z_D07_08W_08.jpg;		
<b>Lab Camera Images:</b>			
<b>Microscope Images:</b>			
<b>Microscope Videos:</b>			

**Cruise ID** EX2205 **Dive ID** DIVE07

**Dive Location** Kurchatov Deep

**Spec ID** EX2205\_20220726T180730\_D2\_DIVE07\_SPEC09GEO ( EX2205\_D07\_09G )

**Collection Date:** 20220726 **Collection Time:** 180730 **Lat and Long:** 40.54654 -29.52277

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

**Phylum:**  **Field ID** Pillow rind 2

**Preparation** Rinsed and Dried **Depth m:** 3159.0 **Temp C** 3.377

**Preservative** Rinsed and Dried **Salinity:** 34.932 **Oxygen** 7.845

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

**Submersible Videos:** EX2205\_VID\_20220726T175459Z\_CPHD.mov; EX2205\_VID\_20220726T175459Z\_ROVHD.mov;  
EX2205\_VID\_20220726T180000Z\_CPHD.mov; EX2205\_VID\_20220726T180000Z\_ROVHD.mov;  
EX2205\_VID\_20220726T180042Z\_D07\_09G\_02.mov;  
EX2205\_VID\_20220726T180042Z\_D07\_09G\_04.mov;  
EX2205\_VID\_20220726T180246Z\_D07\_09G\_02.mov;  
EX2205\_VID\_20220726T180246Z\_D07\_09G\_04.mov;  
EX2205\_VID\_20220726T180459Z\_CPHD.mov; EX2205\_VID\_20220726T180459Z\_ROVHD.mov;  
EX2205\_VID\_20220726T180604Z\_D07\_09G\_02.mov;

**Cruise ID**

EX2205

**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**FrameGrab Images:**

EX2205\_VID\_20220726T180604Z\_D07\_09G\_05.mov;

EX2205\_IMG\_20220726T175409Z\_ROVHD.jpg; EX2205\_IMG\_20220726T175445Z\_ROVHD.jpg;

EX2205\_IMG\_20220726T175554Z\_ROVHD.jpg; EX2205\_IMG\_20220726T175651Z\_ROVHD.jpg;

EX2205\_IMG\_20220726T175744Z\_ROVHD.jpg; EX2205\_IMG\_20220726T175820Z\_CPHD.jpg;

EX2205\_IMG\_20220726T175904Z\_ROVHD.jpg; EX2205\_IMG\_20220726T175939Z\_ROVHD.jpg;

EX2205\_IMG\_20220726T180039Z\_ROVHD.jpg;

EX2205\_IMG\_20220726T180048Z\_D07\_09G\_04.jpg;

EX2205\_IMG\_20220726T180057Z\_D07\_09G\_02.jpg;

EX2205\_IMG\_20220726T180302Z\_D07\_09G\_04.jpg;

EX2205\_IMG\_20220726T180307Z\_D07\_09G\_02.jpg;

EX2205\_IMG\_20220726T180331Z\_ROVHD.jpg; EX2205\_IMG\_20220726T180352Z\_CPHD.jpg;

EX2205\_IMG\_20220726T180514Z\_ROVHD.jpg; EX2205\_IMG\_20220726T180526Z\_ROVHD.jpg;

EX2205\_IMG\_20220726T180534Z\_ROVHD.jpg; EX2205\_IMG\_20220726T180539Z\_ROVHD.jpg;

EX2205\_IMG\_20220726T180615Z\_D07\_09G\_05.jpg;

EX2205\_IMG\_20220726T180618Z\_D07\_09G\_02.jpg;

EX2205\_IMG\_20220726T180757Z\_ROVHD.jpg; EX2205\_IMG\_20220726T180827Z\_CPHD.jpg;

EX2205\_IMG\_20220726T180848Z\_ROVHD.jpg; EX2205\_IMG\_20220726T180925Z\_ROVHD.jpg;

**Cruise ID** EX2205

**Dive ID** DIVE07

**Dive Location** Kurchatov Deep

EX2205\_IMG\_20220726T181028Z\_ROVHD.jpg; EX2205\_IMG\_20220726T181228Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T183205Z\_ROVHD.jpg;

**Lab Camera Images:**

EX2205\_IMG\_20220726T180730Z\_SMPSTL\_D07\_09G\_L01.CR2;  
EX2205\_IMG\_20220726T180730Z\_SMPSTL\_D07\_09G\_L01.JPG;

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07			
<b>Dive Location</b>	Kurchatov Deep					
<b>Spec ID</b>	EX2205_20220726T180730_D2_DIVE07_SPEC09GEO_A01		( EX2205_D07_09G_A01 )			
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	180730	<b>Lat and Long:</b>	40.54654	-29.52277
<b>Collection Reason:</b>			<b>ROV Box Used:</b>			
<b>Phylum:</b>	Porifera	<b>Field ID</b>	Porifera			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	3159.0	<b>Temp C</b>	3.377
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	34.932	<b>Oxygen</b>	7.845
<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_20220726T180730Z_SMPWLF_D07_09G_A01_L01.jpg; EX2205_IMG_20220726T180730Z_SMPWLF_D07_09G_A01_L02.jpg; EX2205_IMG_20220726T180730Z_SMPWLF_D07_09G_A01_L03.jpg;					
<b>Microscope Images:</b>						



**Cruise ID**

EX2205

**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		
<b>Spec ID</b>	EX2205_20220726T183855_D2_DIVE07_SPEC10BIO		( EX2205_D07_10B )
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	183855
		<b>Lat and Long:</b>	40.54612 -29.52312
<b>Collection Reason:</b>	Lab Assessment Required for ID		<b>ROV Box Used:</b> Port Inboard Bio Box
<b>Phylum:</b>		<b>Field ID</b>	Keratoisididae
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b> 3154.9
			<b>Temp C</b> 3.376
<b>Preservative</b>			<b>Salinity:</b> 34.936
			<b>Oxygen</b> 7.847
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH
			<b>Bio Rep Num:</b>
<b>Submersible Videos:</b>	EX2205_VID_20220726T183000Z_CPHD.mov; EX2205_VID_20220726T183000Z_ROVHD.mov; EX2205_VID_20220726T183459Z_CPHD.mov; EX2205_VID_20220726T183459Z_ROVHD.mov; EX2205_VID_20220726T183702Z_D07_10B_02.mov; EX2205_VID_20220726T183702Z_D07_10B_04.mov; EX2205_VID_20220726T183821Z_D07_10B_02.mov; EX2205_VID_20220726T183821Z_D07_10B_04.mov;		
<b>FrameGrab Images:</b>	EX2205_IMG_20220726T183225Z_ROVHD.jpg; EX2205_IMG_20220726T183240Z_CPHD.jpg;		

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		

EX2205\_IMG\_20220726T183250Z\_ROVHD.jpg; EX2205\_IMG\_20220726T183306Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T183332Z\_ROVHD.jpg; EX2205\_IMG\_20220726T183347Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T183414Z\_ROVHD.jpg; EX2205\_IMG\_20220726T183634Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T183711Z\_D07\_10B\_02.jpg;  
EX2205\_IMG\_20220726T183717Z\_ROVHD.jpg;  
EX2205\_IMG\_20220726T183722Z\_D07\_10B\_04.jpg; EX2205\_IMG\_20220726T183739Z\_CPHD.jpg;  
EX2205\_IMG\_20220726T183830Z\_D07\_10B\_02.jpg;  
EX2205\_IMG\_20220726T183834Z\_D07\_10B\_04.jpg;  
EX2205\_IMG\_20220726T184050Z\_ROVHD.jpg; EX2205\_IMG\_20220726T184240Z\_CPHD.jpg;  
EX2205\_IMG\_20220726T184313Z\_ROVHD.jpg; EX2205\_IMG\_20220726T184728Z\_ROVHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE07
<b>Dive Location</b>	Kurchatov Deep		
<b>Spec ID</b>	EX2205_20220726T201005_D2_DIVE07_SPEC11WAT		( EX2205_D07_11W )
<b>Collection Date:</b>	20220726	<b>Collection Time:</b>	201005
		<b>Lat and Long:</b>	40.54418 -29.53442
<b>Collection Reason:</b>	eDNA	<b>ROV Box Used:</b>	Niskin Bottle 5
<b>Phylum:</b>		<b>Field ID</b>	Water sample for eDNA - DSL
<b>Preparation</b>		<b>Depth m:</b>	575.2
		<b>Temp C</b>	11.423
<b>Preservative</b>	Longmire's Buffer Solution	<b>Salinity:</b>	35.492
		<b>Oxygen</b>	6.703
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	
		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220726T200459Z_ROVHD.mov; EX2205_VID_20220726T200954Z_D07_11W_08.mov; EX2205_VID_20220726T201000Z_CPHD.mov;		
<b>FrameGrab Images:</b>	EX2205_IMG_20220726T200705Z_ROVHD.jpg; EX2205_IMG_20220726T201001Z_D07_11W_08.jpg; EX2205_IMG_20220726T201144Z_ROVHD.jpg;		
<b>Lab Camera Images:</b>			

**Cruise ID**

EX2205

**Dive ID**

DIVE07

**Dive Location**

Kurchatov Deep

**Microscope Images:**

**Microscope Videos:**