

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10
<b>Dive Location</b>	Kai Ridge		

**Spec ID** EX2205\_20220729T104431\_D2\_DIVE10\_BLW ( EX2205\_D10\_BLW )

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

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

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

**Preparation**  **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>	DIVE10			
<b>Dive Location</b>	Kai Ridge					
<b>Spec ID</b>	EX2205_20220729T104431_D2_DIVE10_SPEC01WAT		( EX2205_D10_01W )			
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	104431	<b>Lat and Long:</b>	38.75652	-30.46022
<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>	579.9	<b>Temp C</b>	11.233
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.469	<b>Oxygen</b>	6.087
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>			<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220729T104000Z_ROVHD.mov; EX2205_VID_20220729T104424Z_D10_01W_08.mov; EX2205_VID_20220729T104459Z_CPHD.mov;					
<b>FrameGrab Images:</b>	EX2205_IMG_20220729T104314Z_ROVHD.jpg; EX2205_IMG_20220729T104427Z_D10_01W_08.jpg; EX2205_IMG_20220729T104549Z_ROVHD.jpg;					
<b>Lab Camera Images:</b>						

**Cruise ID**

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**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10			
<b>Dive Location</b>	Kai Ridge					
<b>Spec ID</b>	EX2205_20220729T114230_D2_DIVE10_SPEC02WAT		( EX2205_D10_02W )			
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	114230	<b>Lat and Long:</b>	38.75577	-30.45933
<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>	1922.4	<b>Temp C</b>	4.534	
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.017	<b>Oxygen</b>	7.782
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2205_VID_20220729T114000Z_ROVHD.mov; EX2205_VID_20220729T114227Z_D10_02W_08.mov; EX2205_VID_20220729T114459Z_CPHD.mov;					
<b>FrameGrab Images:</b>	EX2205_IMG_20220729T113946Z_ROVHD.jpg; EX2205_IMG_20220729T114228Z_D10_02W_08.jpg; EX2205_IMG_20220729T114439Z_CPHD.jpg;					
<b>Lab Camera Images:</b>						

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**Dive Location**

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**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10
<b>Dive Location</b>	Kai Ridge		
<b>Spec ID</b>	EX2205_20220729T162346_D2_DIVE10_SPEC04BIO		( EX2205_D10_04B )
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	162346
		<b>Lat and Long:</b>	38.75604 -30.46245
<b>Collection Reason:</b>	Potential Undescribed Species	<b>ROV Box Used:</b>	Suction Canister 2
<b>Phylum:</b>		<b>Field ID</b>	Hexactinella (1722 m)
<b>Preparation</b>		<b>Depth m:</b>	1694.1
		<b>Temp C</b>	4.579
<b>Preservative</b>		<b>Salinity:</b>	35.023
		<b>Oxygen</b>	7.735
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH
		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220729T153000Z_CPHD.mov; EX2205_VID_20220729T153000Z_ROVHD.mov; EX2205_VID_20220729T153459Z_CPHD.mov; EX2205_VID_20220729T153459Z_ROVHD.mov; EX2205_VID_20220729T153905Z_D10_04B_04.mov; EX2205_VID_20220729T154000Z_CPHD.mov; EX2205_VID_20220729T162230Z_D10_04B_02.mov; EX2205_VID_20220729T162824Z_D10_04B_02.mov; EX2205_VID_20220729T162841Z_D10_04B_11.mov;		
<b>FrameGrab Images:</b>	EX2205_IMG_20220729T153032Z_ROVHD.jpg; EX2205_IMG_20220729T153109Z_ROVHD.jpg;		

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EX2205\_IMG\_20220729T153332Z\_CPHD.jpg; EX2205\_IMG\_20220729T153342Z\_ROVHD.jpg;  
EX2205\_IMG\_20220729T153621Z\_ROVHD.jpg; EX2205\_IMG\_20220729T153635Z\_ROVHD.jpg;  
EX2205\_IMG\_20220729T153642Z\_CPHD.jpg; EX2205\_IMG\_20220729T153932Z\_D10\_04B\_04.jpg;  
EX2205\_IMG\_20220729T154410Z\_CPHD.jpg; EX2205\_IMG\_20220729T162445Z\_ROVHD.jpg;  
EX2205\_IMG\_20220729T162829Z\_D10\_04B\_02.jpg;  
EX2205\_IMG\_20220729T162837Z\_ROVHD.jpg;  
EX2205\_IMG\_20220729T162844Z\_D10\_04B\_11.jpg;

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

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10			
<b>Dive Location</b>	Kai Ridge					
<b>Spec ID</b>	EX2205_20220729T162346_D2_DIVE10_SPEC04BIO_A01		( EX2205_D10_04B_A01 )			
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	162346	<b>Lat and Long:</b>	38.75604	-30.46245
<b>Collection Reason:</b>			<b>ROV Box Used:</b>			
<b>Phylum:</b>	Arthropoda	<b>Field ID</b>	Lepadiformes			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	1694.1	<b>Temp C</b>	4.579
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	35.023	<b>Oxygen</b>	7.735
<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_20220729T162346Z_SMPWLF_D10_04B_A01_L01.jpg; EX2205_IMG_20220729T162346Z_SMPWLF_D10_04B_A01_L02.jpg; EX2205_IMG_20220729T162346Z_SMPWLF_D10_04B_A01_L03.jpg;					
<b>Microscope Images:</b>						



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**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10			
<b>Dive Location</b>	Kai Ridge					
<b>Spec ID</b>	EX2205_20220729T162346_D2_DIVE10_SPEC04BIO_A02		( EX2205_D10_04B_A02 )			
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	162346	<b>Lat and Long:</b>	38.75604	-30.46245
<b>Collection Reason:</b>			<b>ROV Box Used:</b>			
<b>Phylum:</b>	Cnidaria	<b>Field ID</b>	Cornulariidae			
<b>Preparation</b>	95% analytical EtOH		<b>Depth m:</b>	1694.1	<b>Temp C</b>	4.579
<b>Preservative</b>	95% EtOH		<b>Salinity:</b>	35.023	<b>Oxygen</b>	7.735
<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_20220729T162346Z_SMPWLF_D10_04B_A02_L01.jpg; EX2205_IMG_20220729T162346Z_SMPWLF_D10_04B_A02_L02.jpg; EX2205_IMG_20220729T162346Z_SMPWLF_D10_04B_A02_L03.jpg; EX2205_IMG_20220729T162346Z_SMPWLF_D10_04B_A02_L04.jpg; EX2205_IMG_20220729T162346Z_SMPWLF_D10_04B_A02_L05.jpg;					

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**Dive Location**

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**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10			
<b>Dive Location</b>	Kai Ridge					
<b>Spec ID</b>	EX2205_20220729T170111_D2_DIVE10_SPEC05WAT		( EX2205_D10_05W )			
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	170111	<b>Lat and Long:</b>	38.75603 -30.46256	
<b>Collection Reason:</b>	eDNA		<b>ROV Box Used:</b>	Niskin Bottle 3		
<b>Phylum:</b>		<b>Field ID</b>	Water sample for eDNA - on bottom			
<b>Preparation</b>		<b>Depth m:</b>	1678.9	<b>Temp C</b>	4.580	
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.023	<b>Oxygen</b>	7.744
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2205_VID_20220729T170000Z_ROVHD.mov; EX2205_VID_20220729T170101Z_D10_05W_08.mov; EX2205_VID_20220729T170459Z_CPHD.mov;					
<b>FrameGrab Images:</b>	EX2205_IMG_20220729T170001Z_ROVHD.jpg; EX2205_IMG_20220729T170105Z_D10_05W_08.jpg; EX2205_IMG_20220729T170119Z_CPHD.jpg;					
<b>Lab Camera Images:</b>						

**Cruise ID**

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**Dive ID**

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**Dive Location**

Kai Ridge

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10
<b>Dive Location</b>	Kai Ridge		
<b>Spec ID</b>	EX2205_20220729T172056_D2_DIVE10_SPEC06BIO		( EX2205_D10_06B )
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	172056
		<b>Lat and Long:</b>	38.75608 -30.46267
<b>Collection Reason:</b>	Potential Undescribed Species	<b>ROV Box Used:</b>	Starboard Inboard Bio Box
<b>Phylum:</b>		<b>Field ID</b>	Primnoid whip
<b>Preparation</b>		<b>Depth m:</b>	1667.4
		<b>Temp C</b>	4.583
<b>Preservative</b>		<b>Salinity:</b>	35.023
		<b>Oxygen</b>	7.712
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>	SNMNH
		<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220729T170000Z_ROVHD.mov; EX2205_VID_20220729T170101Z_D10_05W_08.mov; EX2205_VID_20220729T170459Z_CPHD.mov; EX2205_VID_20220729T170459Z_ROVHD.mov; EX2205_VID_20220729T171000Z_CPHD.mov; EX2205_VID_20220729T171000Z_ROVHD.mov; EX2205_VID_20220729T171459Z_CPHD.mov; EX2205_VID_20220729T171459Z_ROVHD.mov; EX2205_VID_20220729T171839Z_D10_06B_02.mov; EX2205_VID_20220729T171839Z_D10_06B_04.mov;		

**Cruise ID** EX2205

**Dive ID** DIVE10

**Dive Location** Kai Ridge

**FrameGrab Images:**

EX2205\_IMG\_20220729T171601Z\_ROVHD.jpg; EX2205\_IMG\_20220729T171843Z\_ROVHD.jpg;  
EX2205\_IMG\_20220729T171844Z\_D10\_06B\_04.jpg;  
EX2205\_IMG\_20220729T171845Z\_D10\_06B\_02.jpg; EX2205\_IMG\_20220729T171941Z\_CPHD.jpg;  
EX2205\_IMG\_20220729T172013Z\_D10\_06B\_04.jpg;  
EX2205\_IMG\_20220729T172031Z\_D10\_06B\_02.jpg; EX2205\_IMG\_20220729T172309Z\_CPHD.jpg;

**Lab Camera Images:**

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10			
<b>Dive Location</b>	Kai Ridge					
<b>Spec ID</b>	EX2205_20220729T173243_D2_DIVE10_SPEC07WAT		( EX2205_D10_07W )			
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	173243	<b>Lat and Long:</b>	38.75602 -30.46284	
<b>Collection Reason:</b>	eDNA		<b>ROV Box Used:</b>	Niskin Bottle 4		
<b>Phylum:</b>		<b>Field ID</b>	Water sample for eDNA - on bottom			
<b>Preparation</b>			<b>Depth m:</b>	1653.2	<b>Temp C</b>	4.606
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.026	<b>Oxygen</b>	7.668
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>			<b>Bio Rep Num:</b>	
<b>Submersible Videos:</b>	EX2205_VID_20220729T173000Z_ROVHD.mov; EX2205_VID_20220729T173220Z_D10_07W_08.mov; EX2205_VID_20220729T173459Z_CPHD.mov;					
<b>FrameGrab Images:</b>	EX2205_IMG_20220729T173106Z_ROVHD.jpg; EX2205_IMG_20220729T173222Z_D10_07W_08.jpg; EX2205_IMG_20220729T173414Z_CPHD.jpg;					
<b>Lab Camera Images:</b>						



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**Dive Location**

Kai Ridge

**Microscope Images:**

**Microscope Videos:**

<b>Cruise ID</b>	EX2205	<b>Dive ID</b>	DIVE10			
<b>Dive Location</b>	Kai Ridge					
<b>Spec ID</b>	EX2205_20220729T181231_D2_DIVE10_SPEC08WAT		( EX2205_D10_08W )			
<b>Collection Date:</b>	20220729	<b>Collection Time:</b>	181231	<b>Lat and Long:</b>	38.75425 -30.46369	
<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>	563.9	<b>Temp C</b>	11.146	
<b>Preservative</b>	Longmire's Buffer Solution		<b>Salinity:</b>	35.458	<b>Oxygen</b>	5.999
<b>Repository Info:</b>	SNMNH	<b>SubSample Repository:</b>		<b>Bio Rep Num:</b>		
<b>Submersible Videos:</b>	EX2205_VID_20220729T181000Z_ROVHD.mov; EX2205_VID_20220729T181217Z_D10_08W_08.mov; EX2205_VID_20220729T181459Z_CPHD.mov;					
<b>FrameGrab Images:</b>	EX2205_IMG_20220729T181217Z_D10_08W_08.jpg; EX2205_IMG_20220729T181218Z_D10_08W_08.jpg; EX2205_IMG_20220729T181219Z_D10_08W_08.jpg;					
<b>Lab Camera Images:</b>						

**Cruise ID**

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**Microscope Images:**

**Microscope Videos:**