

Cruise ID	EX2206	Dive ID	DIVE01
Dive Location	Joao Valadao Ridge		

Spec ID EX2206_20220807T113824_D2_DIVE01_BLW (EX2206_D01_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:

Spec ID EX2206_20220807T113824_D2_DIVE01_SPEC01WAT (EX2206_D01_01W)

Collection Date: 20220807 **Collection Time:** 113824 **Lat and Long:** 38.15809 -26.23597

Collection Reason: eDNA **ROV Box Used:** Niskin Bottle 1

Phylum: **Field ID** eDNA sample at DSL- 400 m

Preparation **Depth m:** 404.9 **Temp C** 12.445

Preservative Longmire's Buffer Solution **Salinity:** 35.631 **Oxygen** 6.639

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

Submersible Videos: EX2206_VID_20220807T113754Z_D01_01W_08.mov;

FrameGrab Images: EX2206_IMG_20220807T113818Z_D01_01W_08.jpg;

Lab Camera Images:

Microscope Images:

Microscope Videos:



Cruise ID	EX2206	Dive ID	DIVE01
Dive Location	Joao Valadao Ridge		

Spec ID EX2206_20220807T124211_D2_DIVE01_SPEC02WAT (EX2206_D01_02W)

Collection Date: 20220807 **Collection Time:** 124211 **Lat and Long:** 38.15812 -26.23635

Collection Reason: eDNA **ROV Box Used:** Niskin Bottle 2

Phylum: **Field ID** eDNA sample upon arrival to bottom

Preparation **Depth m:** 2152.8 **Temp C** 4.787

Preservative Longmire's Buffer Solution **Salinity:** 35.049 **Oxygen** 7.720

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

Submersible Videos: EX2206_VID_20220807T124004Z_D01_02W_08.mov;

FrameGrab Images: EX2206_IMG_20220807T123926Z_CPHD.jpg; EX2206_IMG_20220807T123942Z_ROVHD.jpg;
EX2206_IMG_20220807T124034Z_D01_02W_08.jpg;
EX2206_IMG_20220807T124054Z_ROVHD.jpg;

Lab Camera Images:

Microscope Images:

Microscope Videos:



Cruise ID	EX2206	Dive ID	DIVE01			
Dive Location	Joao Valadao Ridge					
Spec ID	EX2206_20220807T133856_D2_DIVE01_SPEC03BIO		(EX2206_D01_03B)			
Collection Date:	20220807	Collection Time:	133856	Lat and Long:	38.15873 -26.23644	
Collection Reason:	Potential Undescribed Species		ROV Box Used:	Port Inboard Bio Box		
Phylum:	Porifera	Field ID	Euplectellidae			
Preparation	Formalin		Depth m:	2121.0	Temp C	4.809
Preservative			Salinity:	35.046	Oxygen	7.714
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:		
Submersible Videos:	EX2206_VID_20220807T132459Z_CPHD.mov; EX2206_VID_20220807T132459Z_ROVHD.mov; EX2206_VID_20220807T133000Z_CPHD.mov; EX2206_VID_20220807T133000Z_ROVHD.mov; EX2206_VID_20220807T133015Z_D01_03B_02.mov; EX2206_VID_20220807T133052Z_D01_03B_04.mov; EX2206_VID_20220807T133329Z_D01_03B_02.mov; EX2206_VID_20220807T133459Z_CPHD.mov; EX2206_VID_20220807T133459Z_ROVHD.mov; EX2206_VID_20220807T133606Z_D01_03B_04.mov;					
FrameGrab Images:	EX2206_IMG_20220807T133345Z_D01_03B_02.jpg; EX2206_IMG_20220807T133405Z_D01_03B_04.jpg; EX2206_IMG_20220807T133446Z_D01_03B_02.jpg; EX2206_IMG_20220807T133747Z_CPHD.jpg; EX2206_IMG_20220807T133806Z_D01_03B_04.jpg; EX2206_IMG_20220807T132718Z_ROVHD.jpg; EX2206_IMG_20220807T132816Z_ROVHD.jpg; EX2206_IMG_20220807T132845Z_CPHD.jpg; EX2206_IMG_20220807T132859Z_ROVHD.jpg; EX2206_IMG_20220807T132925Z_ROVHD.jpg; EX2206_IMG_20220807T132945Z_ROVHD.jpg; EX2206_IMG_20220807T133143Z_CPHD.jpg; EX2206_IMG_20220807T133149Z_D01_03B_02.jpg; EX2206_IMG_20220807T133155Z_ROVHD.jpg; EX2206_IMG_20220807T133234Z_D01_03B_04.jpg; EX2206_IMG_20220807T133257Z_ROVHD.jpg;					
Lab Camera Images:	EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L01.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L01.JPG; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L02.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L02.JPG; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L03.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L03.JPG; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L04.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L04.JPG; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L05.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L05.JPG; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L06.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L06.JPG; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L07.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L07.JPG; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L08.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L08.JPG; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L09.CR2; EX2206_IMG_20220807T133856Z_SMPSTL_D01_03B_L09.JPG;					
Microscope Images:						
Microscope Videos:						



Cruise ID	EX2206	Dive ID	DIVE01
Dive Location	Joao Valadao Ridge		

Spec ID EX2206_20220807T133856_D2_DIVE01_SPEC03BIO_A01 (EX2206_D01_03B_A01)

Collection Date: 20220807 **Collection Time:** 133856 **Lat and Long:** 38.15873 -26.23644

Collection Reason: **ROV Box Used:**

Phylum: **Field ID** Scale Worms

Preparation **Depth m:** 2121.0 **Temp C** 4.809

Preservative 95% EtOH **Salinity:** 35.046 **Oxygen** 7.714

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

Submersible Videos:

FrameGrab Images:

Lab Camera Images: EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A01_L01.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A01_L02.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A01_L03.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A01_L04.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A01_L05.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A01_L06.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A01_L07.jpg;

Microscope Images: EX2206_IMG_20220807T133856Z_MICRO_D01_03B_A01_M01.JPG;
EX2206_IMG_20220807T133856Z_MICRO_D01_03B_A01_M02.JPG;

Microscope Videos:

Spec ID EX2206_20220807T133856_D2_DIVE01_SPEC03BIO_A02 (EX2206_D01_03B_A02)

Collection Date: 20220807 **Collection Time:** 133856 **Lat and Long:** 38.15873 -26.23644

Collection Reason: **ROV Box Used:**

Phylum: **Field ID** Unknown

Preparation **Depth m:** 2121.0 **Temp C** 4.809

Preservative **Salinity:** 35.046 **Oxygen** 7.714

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

Submersible Videos:

FrameGrab Images:

Lab Camera Images: EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A02_L03.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A02_L04.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A02_L05.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A02_L01.jpg;
EX2206_IMG_20220807T133856Z_SMPWLF_D01_03B_A02_L02.jpg;

Microscope Images:

Microscope Videos:



Cruise ID	EX2206	Dive ID	DIVE01
Dive Location	Joao Valadao Ridge		

Spec ID EX2206_20220807T134431_D2_DIVE01_SPEC04GEO (EX2206_D01_04G)

Collection Date: 20220807 **Collection Time:** 134431 **Lat and Long:** 38.15886 -26.23634

Collection Reason: Geology **ROV Box Used:** Starboard Forward Rock Box

Phylum: **Field ID** Pyroclast

Preparation Rinsed and Dried **Depth m:** 2115.6 **Temp C** 4.800

Preservative Rinsed and Dried **Salinity:** 35.051 **Oxygen** 7.778

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

Submersible Videos:
EX2206_VID_20220807T134000Z_ROVHD.mov;
EX2206_VID_20220807T134154Z_D01_04G_04.mov;
EX2206_VID_20220807T134200Z_D01_04G_02.mov;

FrameGrab Images:
EX2206_IMG_20220807T134037Z_ROVHD.jpg; EX2206_IMG_20220807T134210Z_ROVHD.jpg;
EX2206_IMG_20220807T134308Z_D01_04G_04.jpg;
EX2206_IMG_20220807T134311Z_ROVHD.jpg; EX2206_IMG_20220807T134337Z_CPHD.jpg;
EX2206_IMG_20220807T134417Z_D01_04G_02.jpg;
EX2206_IMG_20220807T134639Z_ROVHD.jpg; EX2206_IMG_20220807T134745Z_ROVHD.jpg;
EX2206_IMG_20220807T134747Z_CPHD.jpg;

Lab Camera Images:
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L01.CR2;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L01.JPG;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L02.CR2;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L02.JPG;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L03.CR2;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L03.JPG;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L04.CR2;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L04.JPG;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L05.CR2;
EX2206_IMG_20220807T134431Z_SMPSTL_D01_04G_L05.JPG;

Microscope Images:

Microscope Videos:



Cruise ID	EX2206	Dive ID	DIVE01		
Dive Location	Joao Valadao Ridge				
Spec ID	EX2206_20220807T153207_D2_DIVE01_SPEC05BIO		(EX2206_D01_05B)		
Collection Date:	20220807	Collection Time:	153207	Lat and Long:	38.15999 -26.23635
Collection Reason:	Characteristic of Site		ROV Box Used:	Suction Canister 1	
Phylum:	Porifera	Field ID	Hexactinellidae		
Preparation	95% analytical EtOH		Depth m:	2046.8	Temp C 4.829
Preservative	95% EtOH		Salinity:	35.056	Oxygen 7.669
Repository Info:	SNMNH	SubSample Repository:	SNMNH	Bio Rep Num:	
Submersible Videos:	EX2206_VID_20220807T151459Z_CPHD.mov; EX2206_VID_20220807T151459Z_ROVHD.mov; EX2206_VID_20220807T152000Z_CPHD.mov; EX2206_VID_20220807T152000Z_ROVHD.mov; EX2206_VID_20220807T152459Z_CPHD.mov; EX2206_VID_20220807T152459Z_ROVHD.mov; EX2206_VID_20220807T153000Z_CPHD.mov; EX2206_VID_20220807T153000Z_ROVHD.mov; EX2206_VID_20220807T153123Z_D01_05B_04.mov; EX2206_VID_20220807T153134Z_D01_05B_02.mov; EX2206_VID_20220807T153143Z_D01_05B_11.mov;				
FrameGrab Images:	EX2206_IMG_20220807T152121Z_ROVHD.jpg; EX2206_IMG_20220807T152229Z_CPHD.jpg; EX2206_IMG_20220807T152357Z_ROVHD.jpg; EX2206_IMG_20220807T152752Z_CPHD.jpg; EX2206_IMG_20220807T152805Z_ROVHD.jpg; EX2206_IMG_20220807T153140Z_D01_05B_02.jpg; EX2206_IMG_20220807T153140Z_ROVHD.jpg; EX2206_IMG_20220807T153141Z_D01_05B_04.jpg; EX2206_IMG_20220807T153146Z_D01_05B_11.jpg;				
Lab Camera Images:	EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L01.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L01.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L02.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L02.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L03.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L03.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L04.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L04.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L05.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L05.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L06.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L06.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L07.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L07.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L08.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L08.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L09.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L09.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L10.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L10.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L11.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L11.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L12.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L12.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L13.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L13.JPG; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L14.CR2; EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L14.JPG;				



Cruise ID

EX2206

Dive ID

DIVE01

Dive Location

Joao Valadao Ridge

EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L15.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L15.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L16.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L16.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L17.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L17.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L18.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L18.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L19.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L19.JPG;
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EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L20.JPG;
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EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L21.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L22.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L22.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L23.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L23.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L24.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L24.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L25.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L25.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L26.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L26.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L27.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L27.JPG;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L28.CR2;
EX2206_IMG_20220807T153207Z_SMPSTL_D01_05B_L28.JPG;

Microscope Images:

EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M01.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M02.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M03.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M04.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M05.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M06.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M07.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M08.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M09.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M10.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M11.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M12.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M13.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M14.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M15.JPG;
EX2206_IMG_20220807T153207Z_MICRO_D01_05B_M16.JPG;

Microscope Videos:



Cruise ID	EX2206	Dive ID	DIVE01			
Dive Location	Joao Valadao Ridge					
Spec ID	EX2206_20220807T161819_D2_DIVE01_SPEC06GEO		(EX2206_D01_06G)			
Collection Date:	20220807	Collection Time:	161819	Lat and Long:	38.16048 -26.23612	
Collection Reason:	Characteristic of Site		ROV Box Used:	Port Forward Rock Box		
Phylum:		Field ID	Pyroclast			
Preparation	Rinsed and Dried		Depth m:	1996.5	Temp C	4.853
Preservative	Rinsed and Dried		Salinity:	35.063	Oxygen	7.659
Repository Info:	OSU	SubSample Repository:			Bio Rep Num:	
Submersible Videos:	EX2206_VID_20220807T161000Z_CPHD.mov; EX2206_VID_20220807T161000Z_ROVHD.mov; EX2206_VID_20220807T161459Z_CPHD.mov; EX2206_VID_20220807T161459Z_ROVHD.mov; EX2206_VID_20220807T161538Z_D01_06G_02.mov; EX2206_VID_20220807T161538Z_D01_06G_04.mov; EX2206_VID_20220807T161737Z_D01_06G_02.mov; EX2206_VID_20220807T161737Z_D01_06G_04.mov; EX2206_VID_20220807T162000Z_CPHD.mov; EX2206_VID_20220807T162000Z_ROVHD.mov; EX2206_VID_20220807T162045Z_D01_06G_02.mov; EX2206_VID_20220807T162045Z_D01_06G_04.mov; EX2206_VID_20220807T162206Z_D01_06G_02.mov; EX2206_VID_20220807T162206Z_D01_06G_04.mov;					
FrameGrab Images:	EX2206_IMG_20220807T160930Z_PTMAN_GEO.jpg; EX2206_IMG_20220807T161233Z_CPHD.jpg; EX2206_IMG_20220807T161414Z_ROVHD.jpg; EX2206_IMG_20220807T161546Z_ROVHD.jpg; EX2206_IMG_20220807T161547Z_D01_06G_02.jpg; EX2206_IMG_20220807T161549Z_D01_06G_04.jpg; EX2206_IMG_20220807T161608Z_ROVHD.jpg; EX2206_IMG_20220807T161628Z_ROVHD.jpg; EX2206_IMG_20220807T161710Z_ROVHD.jpg; EX2206_IMG_20220807T161734Z_CPHD.jpg; EX2206_IMG_20220807T161749Z_D01_06G_04.jpg; EX2206_IMG_20220807T161803Z_D01_06G_02.jpg; EX2206_IMG_20220807T161933Z_ROVHD.jpg; EX2206_IMG_20220807T161947Z_ROVHD.jpg; EX2206_IMG_20220807T162048Z_ROVHD.jpg; EX2206_IMG_20220807T162100Z_D01_06G_04.jpg; EX2206_IMG_20220807T162103Z_D01_06G_02.jpg; EX2206_IMG_20220807T162110Z_ROVHD.jpg; EX2206_IMG_20220807T162139Z_ROVHD.jpg; EX2206_IMG_20220807T162211Z_D01_06G_04.jpg; EX2206_IMG_20220807T162215Z_D01_06G_02.jpg;					
Lab Camera Images:	EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L01.CR2; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L01.JPG; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L02.CR2; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L02.JPG; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L03.CR2; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L03.JPG; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L04.CR2; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L04.JPG; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L05.CR2; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L05.JPG; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L06.CR2; EX2206_IMG_20220807T161819Z_SMPSTL_D01_06G_L06.JPG;					
Microscope Images:						
Microscope Videos:						



Cruise ID	EX2206	Dive ID	DIVE01
Dive Location	Joao Valadao Ridge		

Spec ID EX2206_20220807T161819_D2_DIVE01_SPEC06GEO_A01 (EX2206_D01_06G_A01)

Collection Date: 20220807 **Collection Time:** 161819 **Lat and Long:** 38.16048 -26.23612

Collection Reason: **ROV Box Used:**

Phylum: **Field ID** Mafic rock

Preparation Dried **Depth m:** 1996.5 **Temp C** 4.853

Preservative **Salinity:** 35.063 **Oxygen** 7.659

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

Submersible Videos:

FrameGrab Images:

Lab Camera Images:

Microscope Images:

Microscope Videos:

Spec ID EX2206_20220807T161819_D2_DIVE01_SPEC06GEO_A02 (EX2206_D01_06G_A02)

Collection Date: 20220807 **Collection Time:** 161819 **Lat and Long:** 38.16048 -26.23612

Collection Reason: **ROV Box Used:**

Phylum: **Field ID** Pyroclast

Preparation Dried **Depth m:** 1996.5 **Temp C** 4.853

Preservative Dried **Salinity:** 35.063 **Oxygen** 7.659

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

Submersible Videos:

FrameGrab Images:

Lab Camera Images:

Microscope Images:

Microscope Videos:

Spec ID EX2206_20220807T161819_D2_DIVE01_SPEC06GEO_A03 (EX2206_D01_06G_A03)

Collection Date: 20220807 **Collection Time:** 161819 **Lat and Long:** 38.16048 -26.23612

Collection Reason: **ROV Box Used:**

Phylum: Cnidaria **Field ID** Hydrozoa

Preparation **Depth m:** 1996.5 **Temp C** 4.853

Preservative 95% EtOH **Salinity:** 35.063 **Oxygen** 7.659

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

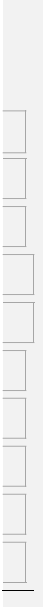
Submersible Videos:

FrameGrab Images:

Lab Camera Images:

Microscope Images:

Microscope Videos:



Cruise ID	EX2206	Dive ID	DIVE01
Dive Location	Joao Valadao Ridge		

Spec ID EX2206_20220807T170725_D2_DIVE01_SPEC08BIO (EX2206_D01_08B)

Collection Date: 20220807 **Collection Time:** 170725 **Lat and Long:** 38.16128 -26.23615

Collection Reason: Biology **ROV Box Used:** Niskin Bottle 1

Phylum: **Field ID** Volunteer Dead Coral sample

Preparation **Depth m:** 1883.0 **Temp C** 4.916

Preservative **Salinity:** 35.065 **Oxygen** 5.356

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

Submersible Videos: EX2206_VID_20220807T170459Z_CPHD.mov; EX2206_VID_20220807T170459Z_ROVHD.mov; EX2206_VID_20220807T170714Z_D01_08G_04.mov;

FrameGrab Images:

Lab Camera Images:

Microscope Images:

Microscope Videos:

Spec ID EX2206_20220807T172053_D2_DIVE01_SPEC07WAT (EX2206_D01_07W)

Collection Date: 20220807 **Collection Time:** 172053 **Lat and Long:** 38.16159 -26.23616

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

Phylum: **Field ID** eDNA close to end of the dive

Preparation **Depth m:** 1839.8 **Temp C** 4.930

Preservative Longmire's Buffer Solution **Salinity:** 35.068 **Oxygen** 7.644

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

Submersible Videos: EX2206_VID_20220807T172014Z_D01_07W_08.mov;

FrameGrab Images: EX2206_IMG_20220807T172022Z_D01_07W_08.jpg;

Lab Camera Images:

Microscope Images:

Microscope Videos:

