

Cruise ID	EX1708	Dive ID	DIVE19		
Dive Location	Mendelssohn Seamount				
Specimen ID	EX1708_20170925T211641_D2_DIVE19_SPEC01BIO	Date and Time:	20170925	211641	
Field ID	"Keratoisidinae ""internodal"""	Lat and Long:	25.160	-161.650	
Preparation	EtOH	Depth m	1749.4	Temp C	2.140
		Oxygen	2.630	Vial #	730
Submersible Videos:	EX1708_VID_20170925T204412Z_PTMAN_COR.mov; EX1708_VID_20170925T204500Z_CPHD.mov; EX1708_VID_20170925T204500Z_ROVHD.mov; EX1708_VID_20170925T205000Z_CPHD.mov; EX1708_VID_20170925T205000Z_ROVHD.mov; EX1708_VID_20170925T205500Z_CPHD.mov; EX1708_VID_20170925T205500Z_ROVHD.mov; EX1708_VID_20170925T210000Z_CPHD.mov; EX1708_VID_20170925T210000Z_ROVHD.mov; EX1708_VID_20170925T210500Z_CPHD.mov; EX1708_VID_20170925T210500Z_ROVHD.mov; EX1708_VID_20170925T210816Z_D2_DIVE19_SPEC01BIO_02.mov; EX1708_VID_20170925T211000Z_CPHD.mov; EX1708_VID_20170925T211000Z_ROVHD.mov; EX1708_VID_20170925T211211Z_D2_DIVE19_SPEC01BIO_04.mov; EX1708_VID_20170925T211405Z_D2_DIVE19_SPEC01BIO_02.mov; EX1708_VID_20170925T211500Z_CPHD.mov; EX1708_VID_20170925T211500Z_ROVHD.mov;				
FrameGrab Images:	EX1708_IMG_20170925T005000Z_SMPSTL_D2_DIVE19_SPEC01GEO_COLOR_PALETTE.CR2; EX1708_IMG_20170925T005000Z_SMPSTL_D2_DIVE19_SPEC01GEO_COLOR_PALETTE.JPG; EX1708_IMG_20170925T205115Z_ROVHD.jpg; EX1708_IMG_20170925T205130Z_ROVHD.jpg; EX1708_IMG_20170925T205241Z_CPHD.jpg; EX1708_IMG_20170925T205348Z_ROVHD.jpg; EX1708_IMG_20170925T205720Z_ROVHD.jpg; EX1708_IMG_20170925T205731Z_CPHD.jpg; EX1708_IMG_20170925T210224Z_CPHD.jpg; EX1708_IMG_20170925T210407Z_ROVHD.jpg; EX1708_IMG_20170925T210755Z_ROVHD.jpg; EX1708_IMG_20170925T210817Z_CPHD.jpg; EX1708_IMG_20170925T210852Z_D2_DIVE19_SPEC01BIO_02.jpg; EX1708_IMG_20170925T211147Z_ROVHD.jpg; EX1708_IMG_20170925T211317Z_CPHD.jpg; EX1708_IMG_20170925T211358Z_ROVHD.jpg; EX1708_IMG_20170925T211414Z_D2_DIVE19_SPEC01BIO_04.jpg; EX1708_IMG_20170925T211516Z_D2_DIVE19_SPEC01BIO_02.jpg;				
Lab Camera Images:	EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L01.CR2; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L01.JPG; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L02.CR2; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L02.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX1708	Dive ID	DIVE19		
Dive Location	Mendelssohn Seamount				
Specimen ID	EX1708_20170925T211641_D2_DIVE19_SPEC01BIO	Date and Time:	20170925	211641	
Field ID	"Keratoisidinae ""internodal"""	Lat and Long:	25.160	-161.650	
Preparation	EtOH	Depth m	1749.4	Temp C	2.140
		Oxygen	2.630	Vial #	
Submersible Videos:	EX1708_VID_20170925T204412Z_PTMAN_COR.mov; EX1708_VID_20170925T204500Z_CPHD.mov; EX1708_VID_20170925T204500Z_ROVHD.mov; EX1708_VID_20170925T205000Z_CPHD.mov; EX1708_VID_20170925T205000Z_ROVHD.mov; EX1708_VID_20170925T205500Z_CPHD.mov; EX1708_VID_20170925T205500Z_ROVHD.mov; EX1708_VID_20170925T210000Z_CPHD.mov; EX1708_VID_20170925T210000Z_ROVHD.mov; EX1708_VID_20170925T210500Z_CPHD.mov; EX1708_VID_20170925T210500Z_ROVHD.mov; EX1708_VID_20170925T210816Z_D2_DIVE19_SPEC01BIO_02.mov; EX1708_VID_20170925T211000Z_CPHD.mov; EX1708_VID_20170925T211000Z_ROVHD.mov; EX1708_VID_20170925T211211Z_D2_DIVE19_SPEC01BIO_04.mov; EX1708_VID_20170925T211405Z_D2_DIVE19_SPEC01BIO_02.mov; EX1708_VID_20170925T211500Z_CPHD.mov; EX1708_VID_20170925T211500Z_ROVHD.mov;				
FrameGrab Images:	EX1708_IMG_20170925T005000Z_SMPSTL_D2_DIVE19_SPEC01GEO_COLOR_PALETTE.CR2; EX1708_IMG_20170925T005000Z_SMPSTL_D2_DIVE19_SPEC01GEO_COLOR_PALETTE.JPG; EX1708_IMG_20170925T205115Z_ROVHD.jpg; EX1708_IMG_20170925T205130Z_ROVHD.jpg; EX1708_IMG_20170925T205241Z_CPHD.jpg; EX1708_IMG_20170925T205348Z_ROVHD.jpg; EX1708_IMG_20170925T205720Z_ROVHD.jpg; EX1708_IMG_20170925T205731Z_CPHD.jpg; EX1708_IMG_20170925T210224Z_CPHD.jpg; EX1708_IMG_20170925T210407Z_ROVHD.jpg; EX1708_IMG_20170925T210755Z_ROVHD.jpg; EX1708_IMG_20170925T210817Z_CPHD.jpg; EX1708_IMG_20170925T210852Z_D2_DIVE19_SPEC01BIO_02.jpg; EX1708_IMG_20170925T211147Z_ROVHD.jpg; EX1708_IMG_20170925T211317Z_CPHD.jpg; EX1708_IMG_20170925T211358Z_ROVHD.jpg; EX1708_IMG_20170925T211414Z_D2_DIVE19_SPEC01BIO_04.jpg; EX1708_IMG_20170925T211516Z_D2_DIVE19_SPEC01BIO_02.jpg;				
Lab Camera Images:	EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L01.CR2; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L01.JPG; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L02.CR2; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L02.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX1708	Dive ID	DIVE19		
Dive Location	Mendelssohn Seamount				
Specimen ID	EX1708_20170925T211641_D2_DIVE19_SPEC01BIO	Date and Time:	20170925	211641	
Field ID	"Keratoisidinae ""internodal"""	Lat and Long:	25.160	-161.650	
Preparation	EtOH	Depth m	1749.4	Temp C	2.140
		Oxygen	2.630	Vial #	
Submersible Videos:	EX1708_VID_20170925T204412Z_PTMAN_COR.mov; EX1708_VID_20170925T204500Z_CPHD.mov; EX1708_VID_20170925T204500Z_ROVHD.mov; EX1708_VID_20170925T205000Z_CPHD.mov; EX1708_VID_20170925T205000Z_ROVHD.mov; EX1708_VID_20170925T205500Z_CPHD.mov; EX1708_VID_20170925T205500Z_ROVHD.mov; EX1708_VID_20170925T210000Z_CPHD.mov; EX1708_VID_20170925T210000Z_ROVHD.mov; EX1708_VID_20170925T210500Z_CPHD.mov; EX1708_VID_20170925T210500Z_ROVHD.mov; EX1708_VID_20170925T210816Z_D2_DIVE19_SPEC01BIO_02.mov; EX1708_VID_20170925T211000Z_CPHD.mov; EX1708_VID_20170925T211000Z_ROVHD.mov; EX1708_VID_20170925T211211Z_D2_DIVE19_SPEC01BIO_04.mov; EX1708_VID_20170925T211405Z_D2_DIVE19_SPEC01BIO_02.mov; EX1708_VID_20170925T211500Z_CPHD.mov; EX1708_VID_20170925T211500Z_ROVHD.mov;				
FrameGrab Images:	EX1708_IMG_20170925T005000Z_SMPSTL_D2_DIVE19_SPEC01GEO_COLOR_PALETTE.CR2; EX1708_IMG_20170925T005000Z_SMPSTL_D2_DIVE19_SPEC01GEO_COLOR_PALETTE.JPG; EX1708_IMG_20170925T205115Z_ROVHD.jpg; EX1708_IMG_20170925T205130Z_ROVHD.jpg; EX1708_IMG_20170925T205241Z_CPHD.jpg; EX1708_IMG_20170925T205348Z_ROVHD.jpg; EX1708_IMG_20170925T205720Z_ROVHD.jpg; EX1708_IMG_20170925T205731Z_CPHD.jpg; EX1708_IMG_20170925T210224Z_CPHD.jpg; EX1708_IMG_20170925T210407Z_ROVHD.jpg; EX1708_IMG_20170925T210755Z_ROVHD.jpg; EX1708_IMG_20170925T210817Z_CPHD.jpg; EX1708_IMG_20170925T210852Z_D2_DIVE19_SPEC01BIO_02.jpg; EX1708_IMG_20170925T211147Z_ROVHD.jpg; EX1708_IMG_20170925T211317Z_CPHD.jpg; EX1708_IMG_20170925T211358Z_ROVHD.jpg; EX1708_IMG_20170925T211414Z_D2_DIVE19_SPEC01BIO_04.jpg; EX1708_IMG_20170925T211516Z_D2_DIVE19_SPEC01BIO_02.jpg;				
Lab Camera Images:	EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L01.CR2; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L01.JPG; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L02.CR2; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L02.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX1708	Dive ID	DIVE19
Dive Location	Mendelssohn Seamount		

Specimen ID	EX1708_20170925T211641_D2_DIVE19_SPEC01BIO	Date and Time:	20170925	211641	
Field ID	"Keratoisidinae ""internodal"""	Lat and Long:	25.160	-161.650	
Preparation	EtOH	Depth m	1749.4	Temp C	2.140
		Oxygen	2.630	Vial #	

Submersible Videos: EX1708_VID_20170925T204412Z_PTMAN_COR.mov; EX1708_VID_20170925T204500Z_CPHD.mov; EX1708_VID_20170925T204500Z_ROVHD.mov; EX1708_VID_20170925T205000Z_CPHD.mov; EX1708_VID_20170925T205000Z_ROVHD.mov; EX1708_VID_20170925T205500Z_CPHD.mov; EX1708_VID_20170925T205500Z_ROVHD.mov; EX1708_VID_20170925T210000Z_CPHD.mov; EX1708_VID_20170925T210000Z_ROVHD.mov; EX1708_VID_20170925T210500Z_CPHD.mov; EX1708_VID_20170925T210500Z_ROVHD.mov; EX1708_VID_20170925T210816Z_D2_DIVE19_SPEC01BIO_02.mov; EX1708_VID_20170925T211000Z_CPHD.mov; EX1708_VID_20170925T211000Z_ROVHD.mov; EX1708_VID_20170925T211211Z_D2_DIVE19_SPEC01BIO_04.mov; EX1708_VID_20170925T211405Z_D2_DIVE19_SPEC01BIO_02.mov; EX1708_VID_20170925T211500Z_CPHD.mov; EX1708_VID_20170925T211500Z_ROVHD.mov;

FrameGrab Images: EX1708_IMG_20170925T005000Z_SMPSTL_D2_DIVE19_SPEC01GEO_COLOR_PALETTE.CR2; EX1708_IMG_20170925T005000Z_SMPSTL_D2_DIVE19_SPEC01GEO_COLOR_PALETTE.JPG; EX1708_IMG_20170925T205115Z_ROVHD.jpg; EX1708_IMG_20170925T205130Z_ROVHD.jpg; EX1708_IMG_20170925T205241Z_CPHD.jpg; EX1708_IMG_20170925T205348Z_ROVHD.jpg; EX1708_IMG_20170925T205720Z_ROVHD.jpg; EX1708_IMG_20170925T205731Z_CPHD.jpg; EX1708_IMG_20170925T210224Z_CPHD.jpg; EX1708_IMG_20170925T210407Z_ROVHD.jpg; EX1708_IMG_20170925T210755Z_ROVHD.jpg; EX1708_IMG_20170925T210817Z_CPHD.jpg; EX1708_IMG_20170925T210852Z_D2_DIVE19_SPEC01BIO_02.jpg; EX1708_IMG_20170925T211147Z_ROVHD.jpg; EX1708_IMG_20170925T211317Z_CPHD.jpg; EX1708_IMG_20170925T211358Z_ROVHD.jpg; EX1708_IMG_20170925T211414Z_D2_DIVE19_SPEC01BIO_04.jpg; EX1708_IMG_20170925T211516Z_D2_DIVE19_SPEC01BIO_02.jpg;

Lab Camera Images: EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L01.CR2; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L01.JPG; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L02.CR2; EX1708_IMG_20170925T211641Z_SMPSTL_D2_DIVE19_SPEC01BIO_L02.JPG;

Microscope Images:

Microscope Videos:

Specimen ID	EX1708_20170925T211641_D2_DIVE19_SPEC01BIO_A01	Date and Time:	20170925	211641	
Field ID		Lat and Long:	25.160	-161.650	
Preparation		Depth m	1749.4	Temp C	2.140
		Oxygen	2.630	Vial #	

Submersible Videos:

FrameGrab Images:

Lab Camera Images:

Microscope Images:

Microscope Videos:

Cruise ID	EX1708	Dive ID	DIVE19
Dive Location	Mendelssohn Seamount		

Specimen ID	EX1708_20170925T215933_D2_DIVE19_SPEC02GEO	Date and Time:	20170925	215933	
Field ID	ROCK Mn-crusted talus from slope	Lat and Long:	25.160	-161.650	
Preparation	dry	Depth m	1713.2	Temp C	2.310
		Oxygen	2.400	Vial #	

Submersible Videos: EX1708_VID_20170925T215500Z_CPHD.mov; EX1708_VID_20170925T215500Z_ROVHD.mov; EX1708_VID_20170925T215734Z_D2_DIVE19_SPEC02GEO_02.mov; EX1708_VID_20170925T215734Z_D2_DIVE19_SPEC02GEO_04.mov; EX1708_VID_20170925T215906Z_D2_DIVE19_SPEC02GEO_02.mov; EX1708_VID_20170925T215906Z_D2_DIVE19_SPEC02GEO_04.mov; EX1708_VID_20170925T220000Z_CPHD.mov; EX1708_VID_20170925T220000Z_ROVHD.mov;

FrameGrab Images: EX1708_IMG_20170925T215711Z_ROVHD.jpg; EX1708_IMG_20170925T215722Z_CPHD.jpg; EX1708_IMG_20170925T215744Z_D2_DIVE19_SPEC02GEO_02.jpg; EX1708_IMG_20170925T215749Z_D2_DIVE19_SPEC02GEO_04.jpg; EX1708_IMG_20170925T215834Z_ROVHD.jpg; EX1708_IMG_20170925T215913Z_D2_DIVE19_SPEC02GEO_04.jpg; EX1708_IMG_20170925T215927Z_D2_DIVE19_SPEC02GEO_02.jpg;

Lab Camera Images: EX1708_IMG_20170925T215933Z_SMPSTL_D2_DIVE19_SPEC02GEO_L01.CR2; EX1708_IMG_20170925T215933Z_SMPSTL_D2_DIVE19_SPEC02GEO_L01.JPG; EX1708_IMG_20170925T215933Z_SMPSTL_D2_DIVE19_SPEC02GEO_L02.CR2; EX1708_IMG_20170925T215933Z_SMPSTL_D2_DIVE19_SPEC02GEO_L02.JPG; EX1708_IMG_20170925T215933Z_SMPSTL_D2_DIVE19_SPEC02GEO_L03.CR2; EX1708_IMG_20170925T215933Z_SMPSTL_D2_DIVE19_SPEC02GEO_L03.JPG;

Microscope Images:

Microscope Videos:

Specimen ID	EX1708_20170925T215933_D2_DIVE19_SPEC02GEO_A01	Date and Time:	20170925	215933	
Field ID	Virginia Delete this	Lat and Long:	25.160	-161.650	
Preparation		Depth m	1713.2	Temp C	2.310
		Oxygen	2.400	Vial #	

Submersible Videos:

FrameGrab Images:

Lab Camera Images:

Microscope Images:

Microscope Videos:

Cruise ID	EX1708	Dive ID	DIVE19		
Dive Location	Mendelssohn Seamount				
Specimen ID	EX1708_20170926T000438_D2_DIVE19_SPEC03BIO	Date and Time:	20170926	000438	
Field ID	Keratoisidinae I4 clade	Lat and Long:	25.160	-161.650	
Preparation	EtOH	Depth m	1654.2	Temp C	2.300
		Oxygen	2.440	Vial #	731
Submersible Videos:	EX1708_VID_20170925T234000Z_CPHD.mov; EX1708_VID_20170925T234000Z_ROVHD.mov; EX1708_VID_20170925T234500Z_CPHD.mov; EX1708_VID_20170925T234500Z_ROVHD.mov; EX1708_VID_20170925T235000Z_CPHD.mov; EX1708_VID_20170925T235000Z_ROVHD.mov; EX1708_VID_20170925T235500Z_CPHD.mov; EX1708_VID_20170925T235500Z_ROVHD.mov; EX1708_VID_20170926T000000Z_CPHD.mov; EX1708_VID_20170926T000000Z_ROVHD.mov; EX1708_VID_20170926T000138Z_D2_DIVE19_SPEC03BIO_02.mov; EX1708_VID_20170926T000138Z_D2_DIVE19_SPEC03BIO_05.mov; EX1708_VID_20170926T000325Z_D2_DIVE19_SPEC03BIO_02.mov; EX1708_VID_20170926T000325Z_D2_DIVE19_SPEC03BIO_05.mov; EX1708_VID_20170926T000500Z_CPHD.mov; EX1708_VID_20170926T000500Z_ROVHD.mov;				
FrameGrab Images:	EX1708_IMG_20170926T000205Z_ROVHD.jpg; EX1708_IMG_20170926T000343Z_D2_DIVE19_SPEC03BIO_05.jpg; EX1708_IMG_20170926T000347Z_ROVHD.jpg; EX1708_IMG_20170926T000416Z_D2_DIVE19_SPEC03BIO_02.jpg; EX1708_IMG_20170926T000523Z_ROVHD.jpg; EX1708_IMG_20170926T000537Z_CPHD.jpg; EX1708_IMG_20170926T000620Z_CPHD.jpg; EX1708_IMG_20170925T234321Z_ROVHD.jpg; EX1708_IMG_20170925T234437Z_ROVHD.jpg; EX1708_IMG_20170925T234544Z_ROVHD.jpg; EX1708_IMG_20170925T234617Z_ROVHD.jpg; EX1708_IMG_20170925T234638Z_ROVHD.jpg; EX1708_IMG_20170925T234707Z_ROVHD.jpg; EX1708_IMG_20170925T234758Z_CPHD.jpg; EX1708_IMG_20170925T234909Z_ROVHD.jpg; EX1708_IMG_20170925T235120Z_ROVHD.jpg; EX1708_IMG_20170925T235338Z_ROVHD.jpg; EX1708_IMG_20170925T235429Z_ROVHD.jpg; EX1708_IMG_20170925T235435Z_CPHD.jpg; EX1708_IMG_20170925T235617Z_CPHD.jpg; EX1708_IMG_20170925T235753Z_ROVHD.jpg; EX1708_IMG_20170925T235904Z_ROVHD.jpg; EX1708_IMG_20170926T000138Z_CPHD.jpg; EX1708_IMG_20170926T000150Z_D2_DIVE19_SPEC03BIO_02.jpg; EX1708_IMG_20170926T000151Z_D2_DIVE19_SPEC03BIO_05.jpg;				
Lab Camera Images:	EX1708_IMG_20170926T000438Z_SMPSTL_D2_DIVE19_SPEC03BIO_L01.CR2; EX1708_IMG_20170926T000438Z_SMPSTL_D2_DIVE19_SPEC03BIO_L01.JPG;				
Microscope Images:					
Microscope Videos:					

Cruise ID	EX1708	Dive ID	DIVE19
Dive Location	Mendelssohn Seamount		

Specimen ID	EX1708_20170926T010000_D2_DIVE19_SPEC04BIO	Date and Time:	20170926	010000	
Field ID	Hemicorallium sp.	Lat and Long:			
Preparation	EtOH	Depth m		Temp C	
		Oxygen		Vial #	

Submersible Videos:

FrameGrab Images:

Lab Camera Images: EX1708_IMG_20170926T010000Z_SMPSTL_D2_DIVE19_SPEC04BIO_L01.CR2;
EX1708_IMG_20170926T010000Z_SMPSTL_D2_DIVE19_SPEC04BIO_L01.JPG;
EX1708_IMG_20170926T010000Z_SMPSTL_D2_DIVE19_SPEC04BIO_A01_L01.CR2;
EX1708_IMG_20170926T010000Z_SMPSTL_D2_DIVE19_SPEC04BIO_A01_L01.JPG;

Microscope Images:

Microscope Videos:

Specimen ID	EX1708_20170926T010000_D2_DIVE19_SPEC04BIO_A01	Date and Time:	20170926	010000	
Field ID	Scalpellidae	Lat and Long:			
Preparation	EtOH	Depth m		Temp C	
		Oxygen		Vial #	565

Submersible Videos:

FrameGrab Images:

Lab Camera Images: EX1708_IMG_20170926T010000Z_SMPSTL_D2_DIVE19_SPEC04BIO_A01_L01.CR2;
EX1708_IMG_20170926T010000Z_SMPSTL_D2_DIVE19_SPEC04BIO_A01_L01.JPG;

Microscope Images:

Microscope Videos:

Specimen ID	EX1708_20170926T013000_D2_DIVE19_SPEC05BIO	Date and Time:	20170926	013000	
Field ID	Abudefduf saxitalis	Lat and Long:			
Preparation	Formalin 3 days, rinse H2O, progressive soaks in EtOH 30% to 9	Depth m	5.0	Temp C	
		Oxygen		Vial #	566

Submersible Videos:

FrameGrab Images:

Lab Camera Images: EX1708_IMG_20170926T013000Z_SMPSTL_D2_DIVE19_SPEC05BIO_L01.CR2;
EX1708_IMG_20170926T013000Z_SMPSTL_D2_DIVE19_SPEC05BIO_L01.JPG;

Microscope Images:

Microscope Videos: