

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE01	8/2/2015	Enecker Seamount

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150802T223100_D2_DIVE01_SPEC01GEO	20150802T223100	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 23.22329	Lon: -163.5161	Depth (m): 2147	Temp: 1.806	Sal: 34.644	Oxy: 3.16
Size Category: Medium	WeightInKg: 7.7	Condition: N/A			
Remarks:	Possible debris that fell downslope				
Habitat(s):	Rubble	Substrate(s):	Bedrock, Boulder, Cobble		
Comments:	length: 27 cm				

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150802T223100_D2_DIVE01_SPEC01GEO_C01		SNMNH		OGL

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150803T011500_D2_DIVE01_SPEC02GEO	20150803T011500	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 22.22818	Lon: -163.519	Depth (m): 1836	Temp: 2.14	Sal: 3461	Oxy: 2.617
Size Category: Medium	WeightInKg: 2.2	Condition:			
Remarks:	Rock from the inside of a broken pillow				
Habitat(s):	Soft Substrate, Soft Substrate/Rubble/Rock-barren	Substrate(s):	Cobble, Muddy Sandy Gravel		
Comments:	length: 23.5 cm				

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150803T011500_D2_DIVE01_SPEC02GEO_C01				OGL

Cruise Leg Sampling Report

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EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE02	8/3/2015	French Frigate Shoals

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150803T220700_D2_DIVE02_SPEC01BIO	20150803T220700	BIO	Chrysogorgia pinnata	Chris Kelley	SNMNH
Lat: 24.43528	Lon: -166.095	Depth (m): 2452	Temp: 1.71246	Sal: 34.65046	Oxy: 3.35526
Size Category: Small	WeightInKg	Condition: Excellent			
Remarks:	cf. Chrysogorgia pinnata; potential new species or new record				
Habitat(s):	Rock/Ledges , Rubble		Substrate(s): Bedrock, Cobble		
Comments:	Too light to weigh on ship				

SubSample:	EX1504L2_20150803T220700_D2_DIVE02_SPEC01BIO_S01	Vial #:	02	Sub Sample Repository:	OGL
Comment					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150803T220700_D2_DIVE02_SPEC01BIO_C01	Scalpellidae	SNMNH		

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150803T225100_D2_DIVE02_SPEC02BIO	20150803T225100	BIO	Parantipathes sp.	Chris Kelley	SNMNH
Lat: 24.43493	Lon: -166.0948	Depth (m): 2464	Temp: 1.72883	Sal: 34.64855	Oxy: 3.28626
Size Category: Small	WeightInKg: 0.019	Condition: Excellent			
Remarks:					
Habitat(s):	Rock/Ledges , Rubble		Substrate(s): Bedrock, Cobble		
Comments:	Specimen small, whole colony was medium				

SubSample:	EX1504L2_20150803T225100_D2_DIVE02_SPEC02BIO_S01	Vial #:	01	Sub Sample Repository:	OGL
Comment					

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150804T001600_D2_DIVE02_SPEC03GEO	20150804T001600	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 24.43251	Lon: -166.0942	Depth (m): 2407	Temp: 1.69045	Sal: 34.65021	Oxy: 3.33598
Size Category: Medium	WeightInKg: 3.9	Condition: Good	Remarks:		
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Cobble				
Comments: 8.6 lb					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150804T022800_D2_DIVE02_SPEC04GEO	20150804T022800	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 24.42869	Lon: -166.0914	Depth (m): 2243	Temp: 1.9046	Sal: 34.63508	Oxy: 2.91523
Size Category: Extra Large	WeightInKg: 24.1	Condition: Good	Remarks:		
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Cobble				
Comments:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE03	8/4/2015	St. Rogatien Rift Zone Ridge

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150804T203300_D2_DIVE03_SPEC01BIO	20150804T203300	BIO	Cladorhizidae	Chris Kelley	SNMNH
Lat: 25.6264	Lon: -167.239	Depth (m): 2153	Temp: 1.83044	Sal: 34.63902	Oxy: 3.11054
Size Category: Small	WeightInKg	Condition: Good			
Remarks:					
Habitat(s): Rock/Ledges , Rubble			Substrate(s): Bedrock, Boulder, Cobble		
Comments: Too light and delicate to weigh					

SubSample:	EX1504L2_20150804T203300_D2_DIVE03_SPEC01BIO_S01	Vial #:	04	Sub Sample Repository:	OGL
Comment					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150804T220400_D2_DIVE03_SPEC02BIO	20150804T220400	BIO	Heteropathes pacifica	Chris Kelley	SNMNH
Lat: 25.62658	Lon: -167.241	Depth (m): 2128	Temp: 3.04564	Sal: 34.63354	Oxy: 3.04564
Size Category: Medium	WeightInKg: 0.018	Condition: Excellent			
Remarks: Heteropathes cf. pacifica					
Habitat(s): Rock/Ledges , Rubble			Substrate(s): Bedrock, Boulder, Cobble		
Comments:					

SubSample:	EX1504L2_20150804T220400_D2_DIVE03_SPEC02BIO_S01	Vial #:	03	Sub Sample Repository:	OGL
Comment					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150804T223900_D2_DIVE03_SPEC03GEO	20150804T223900	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.62658	Lon: -167.241	Depth (m): 2050	Temp: 1.88453	Sal: 34.63064	Oxy: 2.96857
Size Category: Medium	WeightInKg: 2.9	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150804T232800_D2_DIVE03_SPEC04BIO	20150804T232800	BIO	Jasonisis sp	Chris Kelley	SNMNH
Lat: 25.62617	Lon: -167.241	Depth (m): 1981	Temp: 2.00956	Sal: 34.62038	Oxy: 2.78827
Size Category: Large	WeightInKg:	Condition: Excellent			
Remarks:					
Habitat(s): 4, Rock/Ledges , Rubble, Tilefish	Substrate(s): Bedrock, Boulder, Cobble				
Comments: Inaccurate weight					

SubSample:	EX1504L2_20150804T232800_D2_DIVE03_SPEC04BIO_S01	Vial #:	05	Sub Sample Repository:	OGL
Comment:					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150804T232800_D2_DIVE03_SPEC04BIO_C01				OGL

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai`i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE04	8/5/2015	Maro Crater

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150805T202400_D2_DIVE04_SPEC01GEO	20150805T202400	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.16014	Lon: -169.884	Depth (m): 3032	Temp: 1.66267	Sal: 34.65649	Oxy: 3.65745
Size Category: Large	WeightInKg: 10.7	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150806T000100_D2_DIVE04_SPEC02GEO	20150806T000100	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.1638	Lon: -169.878	Depth (m): 6273	Temp: 1.64852	Sal: 34.65968	Oxy: 3.50145
Size Category: Small	WeightInKg: 0.5	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150806T004000_D2_DIVE04_SPEC03BIO	20150806T004000	BIO	Chrysogorgiidae	Chris Kelley	SNMNH
Lat: 25.16483	Lon: -169.877	Depth (m): 2654	Temp: 1.63944	Sal: 34.66097	Oxy: 3.53591
Size Category: Medium	WeightInKg	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments: Can't weigh on ship					

SubSample: EX1504L2_20150806T004000_D2_DIVE04_SPEC03BIO_S01	Vial #: 06	Sub Sample Repository: OGL
Comment		

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150805T004000_D2_DIVE04_SPEC03BIO_C01	Chirostylidae	SNMNH		

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150806T014300_D2_DIVE04_SPEC04BIO	20150806T014300	BIO	Isididae unbranched	Chris Kelley	SNMNH
Lat: 25.16462	Lon: -169.877	Depth (m): 2676	Temp: 1.65211	Sal: 34.64958	Oxy: 3.55772
Size Category: Large	WeightInKg	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments: Can't weigh on ship					

SubSample: EX1504L2_20150806T014300_D2_DIVE04_SPEC04BIO_S01	Vial #: 07	Sub Sample Repository: OGL
Comment		

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150805T014300_D2_DIVE04_SPEC04BIO_C01	Sarametra triserialis	SNMNH	08	OGL

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
<i>EX1504L2</i>	<i>Hohonu Moana: Exploring the Deep Waters Off Hawai`i Leg 2</i>	<i>7/31/2015</i>	<i>8/22/2015</i>	<i>Deep Discoverer</i>

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150805T014300_D2_DIVE04_SPEC04BIO_C02	Scalpellidae	SNMNH		

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID **DiveDate** **Dive Site Name**
DIVE05 **8/6/2015** **Southeast Ridge Maro Reef**

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150806T230800_D2_DIVE05_SPEC01GEO	20150806T230800	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 24.58487 Lon: -169.914	Depth (m): 4698	Temp: 1.47608	Sal: 34.6958	Oxy: 4.65431	
Size Category: Medium	WeightInKg: 4	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren	Substrate(s): Bedrock				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150806T232300_D2_DIVE05_SPEC02BIO	20150806T232300	BIO	Rhabdopectella sp.	Chris Kelley	SNMNH
Lat: 24.58477 Lon: -169.914	Depth (m): 4691	Temp: 1.47986	Sal: 34.69992	Oxy: 4.61365	
Size Category: Small	WeightInKg:	Condition: Excellent			
Remarks: Rhabdopectella sp. Cf					
Habitat(s): Rock/Ledges-barren	Substrate(s): Bedrock				
Comments: Can't weigh on ship					

SubSample: EX1504L2_20150806T232300_D2_DIVE05_SPEC02BIO_S01	Vial #: 09	Sub Sample Repository: OGL
Comment:		

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE06	8/7/2015	North Hampton Seamount Ridge

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150807T220700_D2_DIVE06_SPEC01GEO	20150807T220700	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.08195	Lon: -172.4892	Depth (m): 1965	Temp: 1.91273	Sal: 34.62703	Oxy: 3.00205
Size Category: Medium	WeightInKg: 10.5	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble, Pebble				
Comments:					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150807T220700_D2_DIVE06_SPEC01GEO_C01	Hydrozoa	SNMNH	11	OGL

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150807T231100_D2_DIVE06_SPEC02BIO	20150807T231100	BIO	Iridogorgia sp.	Chris Kelley	SNMNH
Lat: 25.08257	Lon: -172.4904	Depth (m): 1896	Temp: 1.89789	Sal: 34.62823	Oxy: 2.9612
Size Category: Large	WeightInKg:	Condition: Excellent			
Remarks: Branched					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble, Pebble				
Comments: Can't weigh on ship; 80% Ethanol					

SubSample: EX1504L2_20150807T231100_D2_DIVE06_SPEC02BIO_S01	Vial #: 10	Sub Sample Repository: OGL
Comment:		

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150807T232000_D2_DIVE06_SPEC03GEO	20150807T232000	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.08257	Lon: -172.4904	Depth (m): 1896	Temp: 1.89926	Sal: 34.62718	Oxy: 3.00932
Size Category: Medium	WeightInKg: 3.5	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble, Pebble				
Comments:					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150807T232000_D2_DIVE06_SPEC03GEO_C01	Polychaeta	SNMNH		
Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150807T232000_D2_DIVE06_SPEC03GEO_C02	Aulocalycoida-Hexactinosida	SNMNH		

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE07	8/8/2015	Pioneer Bank Ridge

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150808T210400_D2_DIVE07_SPEC01GEO	20150808T210400	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.50939	Lon: -173.522	Depth (m): 2083	Temp: 1.93961	Sal: 34.62585	Oxy: 2.92061
Size Category: Small	WeightInKg	1.2	Condition	Excellent	
Remarks:					
Habitat(s): Rock/Ledges , Rubble			Substrate(s): Bedrock, Cobble		
Comments:					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150808T210400_D2_DIVE07_SPEC01GEO_C01	Cladorhizidae	SNMNH		

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150808T220400_D2_DIVE07_SPEC02BIO	20150808T220400	BIO	Corallium sp.	Chris Kelley	SNMNH
Lat: 25.50994	Lon: -173.522	Depth (m): 2078	Temp: 1.8834	Sal: 34.63092	Oxy: 2.98181
Size Category: Large	WeightInKg	Condition	Excellent		
Remarks:					
Habitat(s): Rock/Ledges , Rubble			Substrate(s): Bedrock, Cobble		
Comments: 80% Ethanol					

SubSample:	EX1504L2_20150808T220400_D2_DIVE07_SPEC02BIO_S01	Vial #:	14	Sub Sample Repository:	OGL
Comment:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150808T225400_D2_DIVE07_SPEC03BIO	20150808T225400	BIO	Corallium sp.	Chris Kelley	SNMNH
Lat: 25.51069	Lon: -173.522	Depth (m): 2002	Temp: 1.89704	Sal: 34.62885	Oxy: 2.97449
Size Category: Large	WeightInKg	Condition: Excellent			
Remarks: sweeper tentacles					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Cobble				
Comments: Can't weigh on ship; 80% Ethanol					

SubSample: EX1504L2_20150808T225400_D2_DIVE07_SPEC03BIO_S01	Vial #: 13	Sub Sample Repository: OGL
Comment		

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150808T225400_D2_DIVE07_SPEC03BIO_C01	Ophiuroidea	SNMNH	12	OGL

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150808T231600_D2_DIVE07_SPEC04GEO	20150808T231600	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.51066	Lon: -173.522	Depth (m): 2001	Temp: 1.9932	Sal: 34.62813	Oxy: 2.9212
Size Category: Small	WeightInKg	2.3	Condition: Excellent		
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Cobble				
Comments:					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150808T231600_D2_DIVE07_SPEC04GEO_C01	Hydrozoa	SNMNH		

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE08	8/9/2015	South Bank 9

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO	20150809T233700	BIO	Antipatharia	Chris Kelley	SNMNH
Lat: 26.82659	Lon: -175.6075	Depth (m): 1229	Temp: 2.98077	Sal: 34.4878	Oxy: 1.27736
Size Category: Medium	WeightInKg	Condition: Excellent			
Remarks:	Antipatharian on Farrea nr. Occa erecta				
Habitat(s):	Rock/Ledges-barren, Rubble		Substrate(s): Bedrock, Cobble		
Comments:	Can't weigh on ship; 80% Ethanol; Two separate vials. One for the sponge part of the specimen and one for the coral part of the specimen. Vial 17 is the sponge. Vial 16 is coral				

SubSample:	EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO_S01	Vial #:	16	Sub Sample Repository:	OGL
Comment					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO_C01	Mysidae	SNMNH	15	OGL
EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO_C02	Squat Lobster	SNMNH		
EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO_C03	Polychaeta	SNMNH		

SubSample:	EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO_S02	Vial #:	17	Sub Sample Repository:	OGL
Comment					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO_C01	Mysidae	SNMNH	15	OGL

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO_C02	Squat Lobster	SNMNH		
Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150809T233700_D2_DIVE08_SPEC01BIO_C03	Polychaeta	SNMNH		

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150810T002400_D2_DIVE08_SPEC02GEO	20150810T002400	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 26.82771	Lon: -175.6075	Depth (m): 1164	Temp: 3.09288	Sal: 34.46875	Oxy: 1.21906
Size Category: Medium	WeightInKg: 5.1	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Bedrock, Cobble				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150810T012900_D2_DIVE08_SPEC03GEO	20150810T012900	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 26.82864	Lon: -175.6075	Depth (m): 1169	Temp: 3.20205	Sal: 34.45951	Oxy: 1.10915
Size Category: Extra Small	WeightInKg: 0.5	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Boulder, Cobble				
Comments:					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150809T012900_D2_DIVE08_SPEC03GEO_C01	Brisingiadae	SNMNH		

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150810T030800_D2_DIVE08_SPEC04BIO	20150810T030800	BIO	Comatulida	Chris Kelley	SNMNH
Lat: 26.83049	Lon: -175.6076	Depth (m): 1103	Temp: 3.32554	Sal: 34.42613	Oxy: 1.03895
Size Category: Small	WeightInKg	Condition: Poor			
Remarks: Crinoid					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Bedrock, Cobble				
Comments: 70% Ethanol; In pieces					

SubSample: EX1504L2_20150810T030800_D2_DIVE08_SPEC04BIO_S01	Vial #: 18	Sub Sample Repository: OGL
Comment		

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE09	8/10/2015	East Salmon Bank

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150810T194000_D2_DIVE09_SPEC01GEO	20150810T194000	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.14036	Lon: -176.2319	Depth (m): 2278	Temp: 1.73783	Sal: 34.64068	Oxy: 3.18724
Size Category: Medium	WeightInKg: 3.6	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble			Substrate(s): Bedrock, Boulder, Cobble		
Comments: More rubble than previous dive sites.					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150810T220800_D2_DIVE09_SPEC02GEO	20150810T220800	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.14146	Lon: -176.2293	Depth (m): 2251	Temp: 1.7404	Sal: 34.64091	Oxy: 3.18724
Size Category: Small	WeightInKg: 3.1	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble			Substrate(s): Bedrock, Boulder, Cobble		
Comments: More rubble than previous dive sites.					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150810T223000_D2_DIVE09_SPEC03BIO	20150810T223000	BIO	Bathydorus sp.	Chris Kelley	SNMNH
Lat: 27.14139	Lon: -176.2291	Depth (m): 2247	Temp: 1.73356	Sal: 34.6433	Oxy: 3.10438
Size Category: Medium	WeightInKg	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:	More rubble than previous dive sites. Can't weigh specimen on ship. Subsample 2 will be in 75% Ethanol. The rest of the specimen will be dried (subsample 3). This is due to the amount ethanol a sponge needs and this sponge's size.				

SubSample:	EX1504L2_20150810T223000_D2_DIVE09_SPEC03BIO_S01	Vial #:	19	Sub Sample Repository:	OGL
Comment:					
SubSample:	EX1504L2_20150810T223000_D2_DIVE09_SPEC03BIO_S02	Vial #:		Sub Sample Repository:	
Comment:	Aliquot with 75% Ethanol				

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150810T233600_D2_DIVE09_SPEC04GEO	20150810T233600	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.142	Lon: -176.2277	Depth (m): 2170	Temp: 1.80602	Sal: 34.63054	Oxy: 2.98121
Size Category: Medium	WeightInKg	4.6	Condition: Excellent		
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:	More rubble than previous dive sites.				

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150811T005800_D2_DIVE09_SPEC05BIO	20150811T005800	BIO	Hexactinellida	Chris Kelley	SNMNH
Lat: 27.14316	Lon: -176.2262	Depth (m): 2104	Temp: 1.78398	Sal: 34.63519	Oxy: 2.99952
Size Category: Extra Large	WeightInKg	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:	More rubble than previous dive sites. Can't weigh on ship. Subsample 2 is an aliquot in 75% Ethanol. The other part of the sponge will be dried as Subsample 3. This is due to the amount of ethanol a sponge needs and the size of this sponge.				

SubSample:	EX1504L2_20150811T005800_D2_DIVE09_SPEC05BIO_S01	Vial #:	20	Sub Sample Repository:	OGL
Comment					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150811T005800_D2_DIVE09_SPEC05BIO_C01	Shrimp	SNMNH		OGL

SubSample:	EX1504L2_20150811T005800_D2_DIVE09_SPEC05BIO_S02	Vial #:		Sub Sample Repository:	
Comment	Aliquot in 75% Ethanol				

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150811T005800_D2_DIVE09_SPEC05BIO_C01	Shrimp	SNMNH		OGL

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE10	8/11/2015	Salmon Bank Southeast Ridge

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150811T215800_D2_DIVE10_SPEC01GEO	20150811T215800	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 26.81789	Lon: -176.3146	Depth (m): 1955	Temp: 2.01206	Sal: 34.61571	Oxy: 2.59678
Size Category: Small	WeightInKg: 1.5	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges			Substrate(s): Bedrock		
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150811T223900_D2_DIVE10_SPEC02BIO	20150811T223900	BIO	Chrysogorgia averta	Chris Kelley	SNMNH
Lat: 26.81832	Lon: -176.3151	Depth (m): 1939	Temp: 2.01989	Sal: 34.61132	Oxy: 2.55936
Size Category: Medium	WeightInKg:	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges			Substrate(s): Bedrock		
Comments: Can't weigh on ship. Specimen in 80% Ethanol.					

SubSample:	EX1504L2_20150811T223900_D2_DIVE10_SPEC02BIO_S01	Vial #:	Sub Sample Repository:
Comment	10% Formalin		

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150811T223900_D2_DIVE10_SPEC02BIO_C01	Squat Lobster	SNMNH		OGL
Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150811T223900_D2_DIVE10_SPEC02BIO_C02	Amphipoda	SNMNH		OGL

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

SubSample:	EX1504L2_20150811T223900_D2_DIVE10_SPEC02BIO_S02	Vial #:	24	Sub Sample Repository:	OGL
Comment					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150811T223900_D2_DIVE10_SPEC02BIO_C01	Squat Lobster	SNMNH		OGL

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150811T223900_D2_DIVE10_SPEC02BIO_C02	Amphipoda	SNMNH		OGL

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150811T235000_D2_DIVE10_SPEC03BIO	20150811T235000	BIO	Euretinae	Chris Kelley	SNMNH

Lat:	26.81893	Lon:	-176.3159	Depth (m):	1880	Temp:	2.03611	Sal:	34.61053	Oxy:	2.56827
Size Category	Small	WeightInKg		Condition	Good						

Remarks:

Habitat(s): Rock/Ledges **Substrate(s):** Bedrock

Comments: Can't weigh on ship. Specimen this came from was large, but this is a small piece. Specimen broken up. Cannot separate cnidarian from specimen. 80% Ethanol

SubSample:	EX1504L2_20150811T235000_D2_DIVE10_SPEC03BIO_S01	Vial #:		Sub Sample Repository:	
Comment	10% Formalin				

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150811T235000_D2_DIVE10_SPEC03BIO_C01	Amphipoda	SNMNH		OGL

SubSample:	EX1504L2_20150811T235000_D2_DIVE10_SPEC03BIO_S02	Vial #:	23	Sub Sample Repository:	OGL
Comment					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150811T235000_D2_DIVE10_SPEC03BIO_C01	Amphipoda	SNMNH		OGL

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150812T010700_D2_DIVE10_SPEC04BIO	20150811T010700	BIO	Plexauridae	Chris Kelley	SNMNH
Lat: 26.81924	Lon: -176.3165	Depth (m): 1848	Temp: 1.983	Sal: 34.6161	Oxy: 2.65266
Size Category: Large	WeightInKg	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges	Substrate(s): Bedrock				
Comments:	Can't weight on ship. Subsample 01 in 80% Ethanol. Rest of specimen in a small amount of 70% Ethanol.				

SubSample:	EX1504L2_20150812T010700_D2_DIVE10_SPEC04BIO_S01	Vial #:		Sub Sample Repository:	
Comment:	80% Ethanol				

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150812T010700_D2_DIVE10_SPEC04BIO_C01	Ophiuroidea	SNMNH	22	OGL

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150812T010700_D2_DIVE10_SPEC04BIO_C02	Amphipoda	SNMNH		OGL

SubSample:	EX1504L2_20150812T010700_D2_DIVE10_SPEC04BIO_S02	Vial #:	21	Sub Sample Repository:	OGL
Comment:					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150812T010700_D2_DIVE10_SPEC04BIO_C01	Ophiuroidea	SNMNH	22	OGL

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150812T010700_D2_DIVE10_SPEC04BIO_C02	Amphipoda	SNMNH		OGL

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai`i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID **DiveDate** **Dive Site Name**
DIVE11 **8/12/2015** **Bank 9 North**

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150812T205000_D2_DIVE11_SPEC01GEO	20150812T205000	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.13235 Lon: -175.5707	Depth (m): 2144	Temp: 1.72837	Sal: 34.64216	Oxy: 3.15195	
Size Category: Medium	WeightInKg: 5.2	Condition: excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble			Substrate(s): Bedrock, Boulder, Cobble		
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150812T221200_D2_DIVE11_SPEC02GEO	20150812T221200	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.13085 Lon: -175.5708	Depth (m): 2120	Temp: 1.75726	Sal: 34.639	Oxy: 3.05488	
Size Category:	WeightInKg: 8.45	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble			Substrate(s): Bedrock, Boulder, Cobble		
Comments:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150812T223300_D2_DIVE11_SPEC03BIO	20150812T223300	BIO	Stylasteridae	Chris Kelley	SNMNH
Lat: 27.1308	Lon: -175.5709	Depth (m): 2116	Temp: 1.794	Sal: 34.63451	Oxy: 2.9719
Size Category: Small	WeightInKg	Condition: excellent			
Remarks:					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Bedrock, Cobble				
Comments: 80% Etoh					

SubSample: EX1504L2_20150812T223300_D2_DIVE11_SPEC03BIO_S01	Vial #: 26	Sub Sample Repository: OGL
Comment		

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150813T002000_D2_DIVE11_SPEC04BIO	20150813T002000	BIO	Euretinae	Chris Kelley	SNMNH
Lat: 27.12873	Lon: -175.5703	Depth (m): 2112	Temp: 1.80351	Sal: 34.63468	Oxy: 2.9826
Size Category: Medium	WeightInKg	Condition: Excellent			
Remarks: Euretinae with anemone					
Habitat(s): Rock/Ledges-barren, Rubble	Substrate(s): Bedrock, Boulder				
Comments: Large colony; Can't weigh on ship. Can't separate commensal anemone. 80% Ethanol.					

SubSample: EX1504L2_20150813T002000_D2_DIVE11_SPEC04BIO_S01	Vial #:	Sub Sample Repository:
Comment: 10% Formalin		

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150813T002000_D2_DIVE11_SPEC04BIO_C01				OGL

SubSample: EX1504L2_20150813T002000_D2_DIVE11_SPEC04BIO_S02	Vial #: 25	Sub Sample Repository: OGL
Comment		

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
<i>EX1504L2</i>	<i>Hohonu Moana: Exploring the Deep Waters Off Hawai`i Leg 2</i>	<i>7/31/2015</i>	<i>8/22/2015</i>	<i>Deep Discoverer</i>

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150813T002000_D2_DIVE11_SPEC04BIO_C01				OGL

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE12	8/13/2015	SE Ridge Pearl & Hermes Atoll

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150813T210900_D2_DIVE12_SPEC01BIO	20150813T210900	BIO	Hexactinellida	Chris Kelley	BISH
Lat: 27.51683	Lon: -175.4598	Depth (m): 2794	Temp: 1.5	Sal: 34.67	Oxy: 3.79
Size Category: Large	WeightInKg	Condition: dead			
Remarks:	Dead sponge stalk. Probably Caulophacus (oxydixcus) sp				
Habitat(s):	Rock/Ledges-barren, Rubble		Substrate(s): Bedrock, Boulder, Cobble		
Comments:	Pillow lava formations, barnacle plate hash was abundant. Drying the specimen.				

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150813T211200_D2_DIVE12_SPEC02GEO	20150813T211200	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.51692	Lon: -175.4597	Depth (m): 2794	Temp: 1.51	Sal: 34.67	Oxy: 3.86
Size Category: Medium	WeightInKg	3.3	Condition: excellent		
Remarks:					
Habitat(s):	Rock/Ledges-barren, Rubble		Substrate(s): Bedrock, Boulder, Cobble		
Comments:	Pillow lava formations, barnacle plate hash was abundant				

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150813T211200_D2_DIVE12_SPEC02GEO_C01	Cladorhizidae	SNMNH		OGL

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150813T221200_D2_DIVE12_SPEC03BIO	20150813T221200	BIO	Keratoisis sp.	Chris Kelley	SNMNH
Lat: 27.51735	Lon: -175.4605	Depth (m): 2775	Temp: 1.53	Sal: 34.67	Oxy: 3.75
Size Category: Medium	WeightInKg	Condition			
Remarks:	red tissue				
Habitat(s):	Rock/Ledges-barren, Rubble	Substrate(s):	Bedrock, Boulder, Cobble		
Comments:	Pillow lava formations, barnacle plate hash was abundant. 80% Ethanol				

SubSample:	EX1504L2_20150813T221200_D2_DIVE12_SPEC03BIO_S01	Vial #:	27	Sub Sample Repository:	OGL
Comment					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150814T004400_D2_DIVE12_SPEC04GEO	20150814T004400	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.51903	Lon: -175.4615	Depth (m): 2780	Temp: 1.58	Sal: 34.67	Oxy: 3.64
Size Category: Large	WeightInKg	9.4	Condition: excellent		
Remarks:					
Habitat(s):	Rock/Ledges-barren, Rubble	Substrate(s):	Bedrock, Boulder, Cobble		
Comments:	pillow lava formations, barnacle plate hash was abundant				

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150814T004400_D2_DIVE12_SPEC04GEO_C01	Cladorhizidae	SNMNH		OGL

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150814T013500_D2_DIVE12_SPEC05BIO	20150814T013500	BIO	Sponge	Chris Kelley	SNMNH
Lat: <input type="text"/>	Lon: <input type="text"/>	Depth (m): <input type="text"/>	Temp: <input type="text"/>	Sal: <input type="text"/>	Oxy: <input type="text"/>
Size Category: <input type="text" value="Small"/>	WeightInKg: <input type="text"/>	Condition: <input type="text" value="Dead"/>	Remarks: <input type="text"/>		
Habitat(s): <input type="text" value="Rock/Ledges-barren, Rubble"/>	Substrate(s): <input type="text" value="Bedrock, Boulder, Cobble"/>				
Comments: <input type="text" value="Found on ROV after dive. Sponge will be dried. There are no associated Video Files with this specimen as it was not collected specifically by the ROV manipulator arms."/>					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150814T013500_D2_DIVE12_SPEC05BIO_C01	Ophiuroidea	SNMNH	28	OGL

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID **DiveDate** **Dive Site Name**
DIVE13 **8/14/2015** **Seamount E of Pearl & Hermes**

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150814T202100_D2_DIVE13_SPEC01GEO	20150814T202100	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.85344	Lon: -175.1637	Depth (m): 2286	Temp: 1.81	Sal: 34.64	Oxy: 3
Size Category: Medium	WeightInKg: 2.2	Condition: excellent			
Remarks: potentially Cretaceous					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:					
SubSample: EX1504L2_20150814T202100_D2_DIVE13_SPEC01GEO_S01	Vial #:	Sub Sample Repository:			
Comment					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150814T215700_D2_DIVE13_SPEC02BIO	20150814T215700	BIO	Keratoisis sp.	Chris Kelley	SNMNH
Lat: 27.85476	Lon: -175.1673	Depth (m): 2149	Temp: 1.87	Sal: 34.63	Oxy: 2.88
Size Category: Large	WeightInKg:	Condition: excellent			
Remarks: Could also be Eknomisis sp					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments: Dominant species of coral at the site. Can't weigh on ship. 70% Ethanol					
SubSample: EX1504L2_20150814T215700_D2_DIVE13_SPEC02BIO_S01	Vial #: 29	Sub Sample Repository: OGL			
Comment					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150814T220800_D2_DIVE13_SPEC03GEO	20150814T220800	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 27.8548	Lon: -175.1678	Depth (m): 2161	Temp: 1.89	Sal: 34.63	Oxy: 2.87
Size Category: Medium	WeightInKg: 2.9	Condition: excellent			
Remarks: Possibly Cretaceous					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Coarse Sand, Cobble				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150814T223800_D2_DIVE13_SPEC04BIO	20150814T223800	BIO	Pythonaster sp.	Chris Kelley	SNMNH
Lat: 27.85466	Lon: -175.168	Depth (m): 2160	Temp: 1.766	Sal: 34.64	Oxy: 2.98
Size Category: Large	WeightInKg:	Condition: excellent			
Remarks: possible id and if correct, new genus record for Hawaii					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Coarse Sand, Cobble				
Comments: Seastar was on a sponge stalk, possibly eating it. Injected with 95% Ethanol. Stored in 70% Ethanol.					

SubSample:	EX1504L2_20150814T223800_D2_DIVE13_SPEC04BIO_S01	Vial #:	30	Sub Sample Repository:	OGL
Comment:	sample of tube feet				

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150814T223800_D2_DIVE13_SPEC04BIO_C01	Caulophacus (Oxydiscus) sp.	SNMNH	31	OGL

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE14	8/15/2015	North Ridge Pioneer Bank

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150815T205000_D2_DIVE14_SPEC01GEO	20150815T205000	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 26.20098	Lon: -173.3255	Depth (m): 1587	Temp: 2.3354	Sal: 34.58217	Oxy: 2.26041
Size Category: Medium	WeightInKg: 6.6	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150815T210600_D2_DIVE14_SPEC02BIO	20150815T210600	BIO	Narella unbranched	Chris Kelley	SNMNH
Lat: 26.20098	Lon: -173.3255	Depth (m): 1587	Temp: 2.3376	Sal: 34.5794	Oxy: 2.22604
Size Category: Medium	WeightInKg:	Condition: Excellent			
Remarks: Unbranched Primnoidea					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments: Can't weigh on ship. 80% Ethanol					

SubSample: EX1504L2_20150815T210600_D2_DIVE14_SPEC02BIO_S01	Vial #: 32	Sub Sample Repository: OGL
Comment:		

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150815T210600_D2_DIVE14_SPEC02BIO_C01	Ophiuroidea	SNMNH	33	OGL

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150815T232100_D2_DIVE14_SPEC03BIO	20150815T232100	BIO	Parantipathes sp.	Chris Kelley	SNMNH
Lat: 26.19829	Lon: -173.3263	Depth (m): 1535	Temp: 2.33354	Sal: 34.58081	Oxy: 2.24042
Size Category: Medium	WeightInKg	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments: Can't weigh on ship. 80% Ethanol					

SubSample: EX1504L2_20150815T232100_D2_DIVE14_SPEC03BIO_S01	Vial #: 34	Sub Sample Repository: OGL
Comment		

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150815T232100_D2_DIVE14_SPEC03BIO_C01	Squat lobster	SNMNH		OGL

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150816T002100_D2_DIVE14_SPEC04GEO	20150816T002100	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 26.19765	Lon: -173.326	Depth (m): 1528	Temp: 2.2246	Sal: 34.59106	Oxy: 2.34934
Size Category: Medium	WeightInKg: 3.1	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID **DiveDate** **Dive Site Name**
DIVE15 **8/16/2015** **Ridge NW of Maro Reef**

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150816T193400_D2_DIVE15_SPEC01GEO	20150816T193400	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.81212 Lon: -171.0978	Depth (m): 1741	Temp: 2.2	Sal: 34.6	Oxy: 2.52	
Size Category: Medium	WeightInKg: 4.3	Condition: excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150816T202100_D2_DIVE15_SPEC02BIO	20150816T202100	BIO	Plexauridae	Chris Kelley	SNMNH
Lat: 25.81237 Lon: -171.0977	Depth (m): 1720	Temp: 2.29	Sal: 34.6	Oxy: 2.48	
Size Category: Medium	WeightInKg:	Condition: excellent			
Remarks: Red branches with yellow polyps; could be Paragorgia sp					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments: Can't weigh on ship. 80% Ethanol					

SubSample: EX1504L2_20150816T202100_D2_DIVE15_SPEC02BIO_S01	Vial #: 35	Sub Sample Repository: OGL
Comment:		

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150816T230400_D2_DIVE15_SPEC03GEO	20150816T230400	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.81332	Lon: -171.0937	Depth (m): 1645	Temp: 2.25	Sal: 34.6	Oxy: 2.46
Size Category: Medium	WeightInKg: 6.7	Condition: excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150817T012800_D2_DIVE15_SPEC04BIO	20150817T012800	BIO	Acanthogorgia sp.	Chris Kelley	SNMNH
Lat: 25.81419	Lon: -171.0894	Depth (m): 1554	Temp: 2.46	Sal: 34.57	Oxy: 2.2
Size Category: Small	WeightInKg:	Condition: excellent			
Remarks: Yellow gold with spines on top of calyx when polyp is retracted					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder, Cobble				
Comments: Can't weigh on ship. 80% Ethanol.					

SubSample:	EX1504L2_20150817T012800_D2_DIVE15_SPEC04BIO_S01	Vial #:	36	Sub Sample Repository:	OGL
Comment:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE16	8/17/2015	NW Ridge Gardner Pinnacles

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150817T210100_D2_DIVE16_SPEC01BIO	20150817T210100	BIO	Semperella sp.	Chris Kelley	SNMNH
Lat: 25.63979	Lon: -168.851	Depth (m): 1464	Temp: 2.65	Sal: 34.56	Oxy: 2.14
Size Category: Medium	WeightInKg	Condition: excellent			
Remarks:					
Habitat(s): Pavement-barren, Rubble	Substrate(s): Bedrock, Cobble				
Comments: 70% Ethanol					

SubSample: EX1504L2_20150817T210100_D2_DIVE16_SPEC01BIO_S01	Vial #: 38	Sub Sample Repository: OGL
Comment		

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150817T210100_D2_DIVE16_SPEC01BIO_C01	Platyctenidae	SNMNH		OGL

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150818T013700_D2_DIVE16_SPEC02BIO	20150818T013700	BIO	Eknomisis sp.	Les Watling	SNMNH
Lat: 25.64543	Lon: -168.844	Depth (m): 1412	Temp: 2.77	Sal: 34.55	Oxy: 2.05
Size Category: Large	WeightInKg	Condition: excellent			
Remarks: Not previously recorded from Hawaii					
Habitat(s): Rock/Ledges	Substrate(s): Bedrock, Boulder				
Comments: 80% Ethanol					

SubSample: EX1504L2_20150818T013700_D2_DIVE16_SPEC02BIO_S01	Vial #: 37	Sub Sample Repository: OGL
Comment		

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE17	8/18/2015	North Gardner Ridge

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150818T193800_D2_DIVE17_SPEC01GEO	20150818T193800	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.88034	Lon: -167.7814	Depth (m): 2082	Temp: 1.9	Sal: 34.63	Oxy: 3.01
Size Category: Extra Large	WeightInKg: 22.3	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder				
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150818T194200_D2_DIVE17_SPEC02BIO	20150818T194200	BIO	Euretidae	Chris Kelley	SNMNH
Lat: 25.88028	Lon: -167.7813	Depth (m): 2082	Temp: 1.89	Sal: 34.63	Oxy: 3
Size Category: Small	WeightInKg:	Condition: Excellent			
Remarks: Euritoid dictyonal framework, spiny pentactins					
Habitat(s): Rock/Ledges , Rubble	Substrate(s): Bedrock, Boulder				
Comments: Can't weigh on ship. 80% Ethanol.					

SubSample:	EX1504L2_20150818T194200_D2_DIVE17_SPEC02BIO_S01	Vial #:	42	Sub Sample Repository:	OGL
Comment:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150818T234500_D2_DIVE17_SPEC03GEO	20150818T234500	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 25.8848	Lon: -167.7805	Depth (m): 2041	Temp: 1.87	Sal: 34.63	Oxy: 3
Size Category: Small	WeightInKg: 2.8	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble			Substrate(s): Bedrock, Boulder		
Comments:					

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150819T003400_D2_DIVE17_SPEC04BIO	20150819T003400	BIO	Hemicorallium sp.	Chris Kelley	SNMNH
Lat: 25.88589	Lon: -167.7804	Depth (m): 2022	Temp: 1.88	Sal: 34.63	Oxy: 2.95
Size Category: Medium	WeightInKg:	Condition: Excellent			
Remarks:					
Habitat(s): Rock/Ledges , Rubble			Substrate(s): Bedrock, Boulder		
Comments: Can't weigh on ship. 80% Ethanol					

SubSample:	EX1504L2_20150819T003400_D2_DIVE17_SPEC04BIO_S01	Vial #:	41	Sub Sample Repository:	OGL
Comment:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150819T013700_D2_DIVE17_SPEC05BIO	20150819T013700	BIO	Stelodoryx sp.	Chris Kelley	SNMNH
Lat: 25.8875	Lon: -167.7804	Depth (m): 1980	Temp: 1.92	Sal: 34.63	Oxy: 2.91
Size Category: Medium	WeightInKg	Condition: Excellent			
Remarks:	ided as shorty sponge in 2009 Pisces dive				
Habitat(s):	Rock/Ledges , Rubble	Substrate(s):	Bedrock, Boulder		
Comments:	Can't weigh on ship. 80% Ethanol				

SubSample:	EX1504L2_20150819T013700_D2_DIVE17_SPEC05BIO_S01	Vial #:	40	Sub Sample Repository:	OGL
Comment					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150819T013700_D2_DIVE17_SPEC05BIO_C01	Polychaeta			OGL

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150819T014500_D2_DIVE17_SPEC06BIO	20150819T014500	BIO	Pseudoanthomastus sp.	Tina Molodsova	SNMNH
Lat: 25.88749	Lon: -167.7804	Depth (m): 1980	Temp: 1.93	Sal: 34.63	Oxy: 2.85
Size Category: Small	WeightInKg	Condition: Excellent			
Remarks:					
Habitat(s):	Rock/Ledges , Rubble	Substrate(s):	Bedrock, Boulder		
Comments:	80% Ethanol. Can't weigh on ship.				

SubSample:	EX1504L2_20150819T014500_D2_DIVE17_SPEC06BIO_S01	Vial #:	39	Sub Sample Repository:	OGL
Comment					

Commensal ID	Commensal Identification	Repository	Vial #	Vial Repository
EX1504L2_20150819T014500_D2_DIVE17_SPEC06BIO_C01	Polychaeta	SNMNH		OGL

Cruise Leg Sampling Report

<i>Cruise ID</i>	<i>Cruise Title</i>	<i>Cruise Start</i>	<i>Cruise End</i>	<i>Vehicle Used</i>
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai'i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150819T020000_D2_DIVE17_SPEC07BIO	20150819T020000	BIO	Keratoisis sp.	Chris Kelley	SNMNH
Lat: 25.88749	Lon: -167.7804	Depth (m): 1980	Temp: 1.93	Sal: 34.63	Oxy: 2.85
Size Category: Medium	WeightInKg:	Condition: Fair			
Remarks:					
Habitat(s):	Rock/Ledges , Rubble		Substrate(s):	Bedrock, Boulder	
Comments:	Found on ROV after dive. Used coordinates and depth, temperature, salinity, and dissolved oxygen from last specimen collection as most likely.				
SubSample:	EX1504L2_20150819T020000_D2_DIVE17_SPEC07BIO_S01	Vial #:	43	Sub Sample Repository:	OGL
Comment:					

Cruise Leg Sampling Report

Cruise ID	Cruise Title	Cruise Start	Cruise End	Vehicle Used
EX1504L2	Hohonu Moana: Exploring the Deep Waters Off Hawai`i Leg 2	7/31/2015	8/22/2015	Deep Discoverer

Dive ID	DiveDate	Dive Site Name
DIVE18	8/20/2015	W. Nihoa Ridge

Specimen ID	Collection Time	Type	Scientific Name	Identified By:	Repository
EX1504L2_20150820T213700_D2_DIVE18_SPEC01GEO	20150820T213700	GEO	Mn-crusted basalt	Chris Kelley	OSU
Lat: 23.18279	Lon: -162.455	Depth (m): 1515	Temp: 3.01	Sal: 34.55	Oxy: 2.08
Size Category: Medium	WeightInKg: 1.1	Condition: excellent			
Remarks:					
Habitat(s): Rock/Ledges	Substrate(s): Bedrock, Boulder				
Comments:					