

KEY TO PLATES IN MASTER APPENDIX C
DEMERSAL FISHES OF VIOSCA KNOLL, USGS *LOPHELIA* COMMUNITY INVESTIGATION
DIGITAL IMAGE VOUCHER ATLAS

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NOTE 1: Bracketed depths denote the general depth for the station.

NOTE 2: Species images from station CEC 4 and CEC 5 are not from Viosca Knoll, but from comparative dive sites on open soft substrate at the head of DeSoto Canyon (i.e., areas flanking designated Viosca Knoll study dive sites).

LAYOUT PHOTO CREDITS: John H. Caruso, William M. Harden, and Buck Albert.





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
1	A		2004-03-JSL-4751 Specimen 250	<i>Laemonema goodebeanorum</i> Meléndez and Markle, 1997	J.H. Caruso	2004-03	VK-826	JSL-4751	[1515]
	B		2004-03-JSL-4750	<i>Laemonema goodebeanorum</i> Meléndez and Markle, 1997	K. Sulak	2004-03	VK-826	JSL-4750	1654
	C		2004-04-JSL-4751	<i>Laemonema goodebeanorum</i> Meléndez and Markle, 1997	K. Sulak	2004-03	VK-826	JSL-4751	1534
	D		2004-03-JSL-4745	<i>Argentina striata</i> Goode and Bean, 1896	K. Sulak	2004-03	VK-906/862	JSL-4745	1100




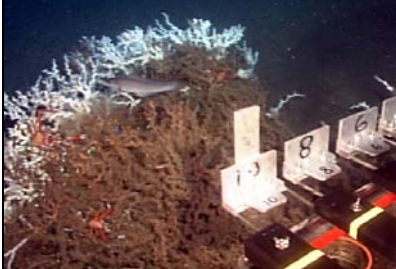
Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
2	A		2004-03-SJII-9017 Specimen 278	<i>Urophycis floridana</i> (Bean and Dresel, 1884)	J.H. Caruso	2004-03	VK-826	SJII-9017	[1011]
	B		2004-03-JSL-4750	<i>Urophycis floridana</i> (Bean and Dresel, 1884)	K. Sulak	2004-03	VK-826	JSL-4750	1598
	C		2004-03-JSL-4744 Specimen 002	<i>Physiculus karrerae</i> Paulin, 1989	J.H. Caruso	2004-03	VK-906/862	JSL-4744	[1033]
	D		2005-04-JSL	<i>Laemonema goodebeanorum</i> Meléndez and Markle, 1997	K. Sulak	2005-04	VK-826	JSL	----





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
3	A		2004-03-SJII	<i>Urophycis cirrata</i> (Goode and Bean, 1896)	K. Sulak	2004-03	VK-906/862	SJII-9007 ? 9017 ?	[1066]
	B		VTS_03_474 5_GM_17_2 1_35	<i>Urophycis cirrata</i> (Goode and Bean, 1896)	K. Sulak	2004-03	VK-906/862	JSL-4745	1104
	C		2004-03-USGS-9003	<i>Urophycis cirrata</i> (Goode and Bean, 1896)	K. Sulak	2004-03	VK-906/862	SJII-9003	1100
	D		2004-03-JSL-4747	<i>Urophycis cirrata</i> (Goode and Bean, 1896)	K. Sulak	2004-03	VK-906/862	JSL-4747	1022





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
4	A		2004-03-SJII-9007 Specimen 232	<i>Malacocephalus occidentalis</i> Goode and Bean, 1885	K. Sulak	2004-03	VK-826	SJII-9007	1758
	B		2004-03-JSL-4750	<i>Nezumia aequalis</i> (Günther, 1878)	K. Sulak	2004-03	VK-826	JSL-4750	1731
	C		2004-03-SJII-9004 Specimen 033	<i>Coelorinchus caribbaeus</i> (Goode and Bean, 1885)	K. Sulak	2004-03	VK-906/862	SJII-9004	[1073]
	D		2004-03-SJII-9004	<i>Steindachneria argentea</i> Goode and Bean, 1896	K. Sulak	2004-03	VK-906/862	SJII-9004	[1073]





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
5	A		2004-03-JSL-4745 Specimen 007 Juvenile	<i>Bassogigas</i> ? sp.	J.H. Caruso	2004-03	VK-906/862	JSL-4745	[1102]
	B		2004-03-JSL-4752 Specimen 329	<i>Monomitopus</i> sp.	J.H. Caruso	2004-03	VK-826	JSL-4752	[1538]
	C		2004-03-JSL-4745_VT S_01_03_006	<i>Lopholatilus chamaeleonticeps</i> Goode and Bean, 1879	K. Sulak	2004-03	VK-906/862	JSL-4745	[1102]
	D		2004-03-SJII-9018 Specimen 327	<i>Gnathagnus egregius</i> (Jordan and Thompson, 1905)	J.H. Caruso	2004-03	VK-826	SJII-9018	[1066]



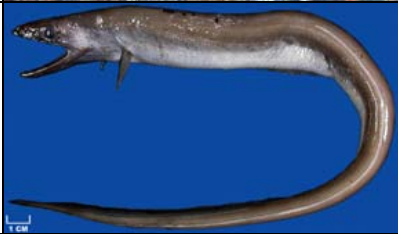

Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
6	A		Conger oceanicus1-conge	<i>Conger oceanicus</i> (Mitchill, 1818)	K. Sulak	2005-04	VK-826	JSL-4877	1544
	B		2005-04-JSL-4880	<i>Conger oceanicus</i> (Mitchill, 1818)	K. Sulak	2005-04	VK-826	JSL-4880	[1492]
	C		2004-03-JSL-4755 Specimen 344	<i>Synaphobranchus</i> sp. (cf. <i>Affinis</i> Günther, 1877)	J.H. Caruso	2004-03	CEC5	JSL-4755	[2306]
	D		2004-03-JSL-4745 Specimen 004	<i>Facciolella</i> sp.	J.H. Caruso	2004-03	VK-906/862	JSL-4745	[1102]





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
7	A		2004-03-SJII-9008 Specimen 099	<i>Parasudis truculenta</i> (Goode and Bean, 1896)	K. Sulak	2004-03	VK-906/862	SJII-9004	[1073]
	B		2004-03-SJII-9004	<i>Bembrops anatirostris</i> Ginsburg, 1955	K. Sulak	2004-03	VK-906/862	SJII-9004	[1073]
	C		2004-03-SJII-9004	<i>Poecilopsetta beani</i> Goode, 1881	K. Sulak	2004-03	VK-906/862	SJII-9004	[1073]
	D		2004-03-SJII-9007 Specimen 189	<i>Symphurus marginatus</i> (Goode and Bean, 1886)	K. Sulak	2004-03	VK-826	SJII-9007	[1758]





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
8	A		2004-03- JSL-4751	<i>Grammicolepis brachiusculus</i> Poey, 1873	K. Sulak	2004- 03	VK-826	JSL- 4751	1510
	B		JSL-03- 4751- GM_18_38_ 47	<i>Grammicolepis brachiusculus</i> Poey, 1873	K. Sulak	2004- 03	VK-826	JSL- 4751	1511
	C		2004-03- JSL-4749	<i>Caristius</i> sp.	S. Ross	2004- 03	VK-826	JSL- 4749	1627
	D		2004-03- JSL-4749	<i>Caristius</i> sp.	S. Ross	2004- 03	VK-826	JSL- 4749	1628





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
9	A		2004-03-SJII-9018 Specimen 326	<i>Cyttopsis rosea</i> (Lowe, 1843)	J.H. Caruso	2004-03	VK-826	SJII-9018	[1066]
	B		2004-03-JSL-4751 *Composite Image	<i>Cyttopsis rosea</i> (Lowe, 1843)	K. Sulak	2004-03	VK-826	JSL-4751	[1515]
	C		VTS_01_9	<i>Hyperoglyphe perciformis</i> (Mitchill, 1818)	K. Sulak	2005-04	VK-906/862	JSL	[1066]
	D		VTS_01_5	<i>Hyperoglyphe perciformis</i> (Mitchill, 1818)	K. Sulak	2005-04	VK-906/862	JSL	[1066]





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
10	A		2004-03-JSL-4751 Specimen 241	<i>Hoplostethus occidentalis</i> Woods, 1973	J.H. Caruso	2004-03	VK-826	JSL-4751	[1515]
	B		2005-04-JSL	<i>Hoplostethus occidentalis</i> Woods, 1973	K. Sulak	2005-04	VK-826	JSL	[1640]
	C		Gephyroberyx darwini-3 JSL_1_4876_075	<i>Gephyroberyx darwini</i> (Johnson, 1866)	K. Sulak	2005-04	VK-906/862	JSL-4876	[1023]
	D		Gephyroberyx darwini-4 JSL_1_4876_074	<i>Gephyroberyx darwini</i> (Johnson, 1866)	K. Sulak	2005-04	VK-906/862	JSL-4876	[1023]





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
11	A		2004-03-JSL-4754 Specimen 340	<i>Chaunax suttkusi</i> Caruso, 1989	J.H. Caruso	2004-03	CEC4	JSL-4754	[2426]
	B		USGS-GM-2004-03-JSL1_4755_0026	<i>Chaunax suttkusi</i> Caruso, 1989	J.H. Caruso	2004-03	CEC5	JSL-4755	[2306]
	C		2004-03-JSL-4754 Specimen 341	<i>Chaunax suttkusi</i> Caruso, 1989	J.H. Caruso	2004-03	CEC4	JSL-4754	[2426]
	D		2004-03-JSL-4754 Specimen 342	<i>Chaunax suttkusi</i> Caruso, 1989	J.H. Caruso	2004-03	CEC4	JSL-4754	[2426]




Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
12	A		2005-05-JSL-4879	<i>Lophius gastrophysus</i> <i>Miranda</i> Ribeiro, 1915	J.H. Caruso	2005-04	VK-826	JSL-4879	[1489]
	B		2005-04-JSL-4878_JSL1_482	<i>Lophius gastrophysus</i> <i>Miranda</i> Ribeiro, 1915	K. Sulak	2005-04	VK-826	JSL-4878	1464
	C		2004-03-SJII-9007 Specimen 164	<i>Dibranchius atlanticus</i> Peters, 1876	J.H. Caruso	2004-03	VK-826	SJII-9007	[1758]





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
13	A		2004-03- JSL-4751 Specimen 276 Adult	<i>Helicolenus dactylopterus</i> (Delaroche, 1809)	J.H. Caruso	2004- 03	VK-826	JSL- 4751	[1515]
	B		2004-03- JSL- 4747_VTS_0 1_3_068	<i>Helicolenus dactylopterus</i> (Delaroche, 1809)	K. Sulak	2004- 03	VK- 906/862	JSL- 4747	1025
	C		2004-03- JSL-4745 Specimen 006 Juvenile	<i>Helicolenus dactylopterus</i> (Delaroche, 1809)	J.H. Caruso	2004- 03	VK- 906/862	JSL- 4745	[1102]
	D		2004-03- JSL-4748	<i>Idiastrion kyphos</i> Eschmeyer, 1965	K. Sulak	2004- 03	VK-826	JSL- 4748	1451





Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
14	A		2004-03-JSL-9018 Specimen 293	<i>Setarches guentheri</i> Johnson, 1862	J.H. Caruso	2004-03	VK-826	SJII-9018	[1066]
	B		2004-03-JSL-4755	<i>Trachyscorpia cristulata</i> Poey, 1873	K. Sulak	2004-03	CEC5	JSL-4755	2154
	C		2004-03-SJII-9017 Specimen 263	<i>Pontinus longispinis</i> Goode and Bean, 1896	J.H. Caruso	2004-03	VK-826	SJII-9017	[1010]
	D		2004-03-JSL-4744 Specimen 001	<i>Pontinus rathbuni</i> Goode and Bean, 1896	J.H. Caruso	2004-03	VK-906/862	JSL-4744	[1033]






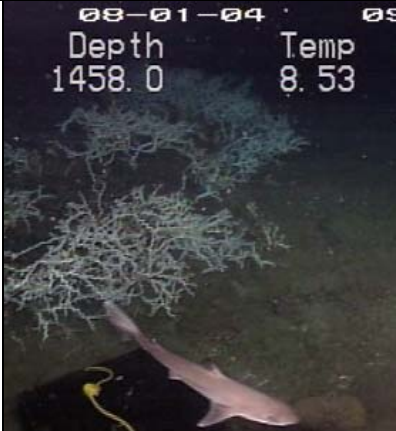

Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
15	A		2004-03-SJII-9017 Specimen 254	<i>Hemanthias aureorubens</i> (Longley, 1935)	J.H. Caruso	2004-03	VK-826	SJII-9017	[1010]
	B		2005-04-JSL-4876	<i>Polyprion americanus</i> (Bloch and Schneider, 1801)	K. Sulak	2005-04	VK-906/862	JSL-4876	1028
	C		2005-04-JSL-4876	<i>Epinephelus niveatus</i> (Valenciennes, 1828)	K. Sulak	2005-04	VK-906/862	JSL-4876	1066
	D		2005-04-JSL-4876_VTS_0110	<i>Epinephelus niveatus</i> (Valenciennes, 1828)	K. Sulak	2005-04	VK-906/862	JSL-4876	[1023]

Plate #	Image Letter	Image	Field Image Title	Species	Taxonomic Expert	Cruise	Study Site	Station	Depth (ft)
16	A		2004-03-JSL-4749	<i>Odontaspis ferox</i> Risso, 1810	J. Castro	2004-03	VK-826	JSL-4749	1495
	B		2004-03-JSL-4748	<i>Squalus asper</i> ? Merrett, 1973 or <i>Squalus cubensis</i> ? Howell Rivero, 1936	J. Castro	2004-03	VK-826	JSL-4748	1458
	C		2004-03-JSL-4748_VTS_01_7	<i>Squalus asper</i> ? Merrett, 1973 or <i>Squalus cubensis</i> ? Howell Rivero, 1936	J. Castro	2004-03	VK-826	JSL-4748	1462

