

Recovery of saltmarsh macroinfauna after the *Deepwater Horizon* oil spill

Estuaries and Coasts

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18-30 mo post-spill									
		<i>M. aestuarina</i>	<i>S. gynobrachiata</i>	<i>A. succinea</i>	Capitellidae sp.	Oligochaeta	<i>A. louisianum</i>	<i>L. rapax</i>	% of fauna
HV	%	8.6	13.2	4.0	4.0	27.6	6.9	4.6	69.0
	$\bar{x}$	371.4	569.5	173.3	173.3	1188.6	297.1	198.1	
	St _e	548.9	1979.5	474.7	342.3	2106.8	1146.0	687.4	
MD	%	7.8	4.9	9.6	5.8	9.4	17.4	25.3	80.3
	$\bar{x}$	910.0	572.0	1118.0	676.0	1092.0	2028.0	2938.0	
	St _e	1839.4	1261.4	2005.3	1054.9	1563.6	6159.4	8075.7	
RF	%	30.7	2.4	8.3	13.4	16.6	5.2	13.4	90.0
	$\bar{x}$	2203.8	173.3	594.3	965.7	1188.6	371.4	965.7	
	St _e	3136.9	342.3	1189.0	1398.1	1595.5	660.7	1605.2	
36-85 mo post-spill									
		<i>M. aestuarina</i>	<i>P. cornuta</i>	<i>A. succinea</i>	Oligochaeta	<i>A. louisianum</i>	<i>L. rapax</i>		
HV	%	8.0	6.8	11.8	16.2	39.9	9.3		91.9
	$\bar{x}$	3885.1	3298.3	5749.7	7896.6	19492.6	4531.4		
	St _e	16440.9	6796.6	5849.0	11387.2	55818.1	8928.9		
MD	%	30.5	2.3	6.2	14.3	19.8	10.4		83.5
	$\bar{x}$	7406.3	564.6	1500.6	3476.6	4798.9	2518.3		
	St _e	18168.3	1841.7	2109.1	5128.3	18344.5	5660.9		
RF	%	32.7	3.8	1.7	14.6	18.9	14.2		85.9
	$\bar{x}$	11900.6	1381.7	609.1	5296.6	6886.3	5162.9		
	St _e	19391.6	4147.6	885.2	6950.8	22559.2	7221.3		
90-102 mo post-spill									
		<i>M. aestuarina</i>	<i>P. cornuta</i>	<i>B. hamata</i>	<i>A. succinea</i>	Oligochaeta	<i>A. louisianum</i>	<i>L. rapax</i>	
HV	%	1.0	7.2	9.6	15.1	13.3	35.6	11.4	93.2
	$\bar{x}$	421.0	2971.4	3937.1	6215.2	5472.4	14683.8	4704.8	
	St	690.2	4256.8	5780.1	5676.0	10004.6	26166.3	6736.9	
MD	%	10.8	4.6	8.6	14.4	8.7	28.5	8.9	84.5
	$\bar{x}$	1931.4	817.1	1535.2	2575.2	1560.0	5101.0	1584.8	
	St	6881.2	1705.5	2628.3	2239.5	1619.5	10285.8	2299.1	
RF	%	11.9	7.4	13.1	3.6	15.0	29.6	9.7	90.3
	$\bar{x}$	3689.5	2302.9	4061.0	1114.3	4655.2	9186.7	3021.0	
	St	7956.0	6952.4	9932.7	1368.8	7109.9	23155.7	4033.3	

Table 1. Percentage of each taxon (%), mean ($\bar{x}$, number m⁻²) and standard error (se) of the most abundant species within each oiling level and across time after the DWH spill. The % of fauna column is the percentage for that taxon of the total of all macroinfauna for each oiling level and time period.