

**Appendix A: Counting lists**

Census data of the replicate mesocosms (A and B) of each experimental treatment and the field data of Station 108 att=0. Countings are standardized for a volume of 50 cc.

		Experimental data: >63 µm														
App. A(1)		A					t=1					B				
		0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
	<i>Hopkinsina pacifica</i>	195.0	262.4	24.8	7.1	46.1	131.2	177.3	14.2	10.6	7.1	131.2	177.3	14.2	10.6	7.1
	<i>Bolivina</i> spp.	106.4	184.4	131.2	92.2	70.9	120.6	219.9	131.2	95.7	74.5	120.6	219.9	131.2	95.7	74.5
	<i>Nonionella turgida</i>	124.1	329.8	301.4	230.5	154.3	70.9	159.6	283.7	219.9	72.7	70.9	159.6	283.7	219.9	72.7
	<i>Stainforthia fusiformis</i>	191.5	209.2	21.3	17.7	10.6	60.3	0	21.3	1.8	1.8	60.3	0	21.3	3.5	1.8
	<i>Epistominella vitrea</i>	49.6	35.5	10.6	28.4	24.8	14.2	3.5	21.3	16.0	16.0	14.2	3.5	21.3	10.6	16.0
	Miliolids	7.1	14.2	0.0	3.5	0.0	10.6	14.2	3.5	0	0	10.6	14.2	3.5	10.6	0
	<i>Bulimina marginata</i>	56.7	42.6	28.4	7.1	37.2	28.4	14.2	21.3	17.7	17.7	28.4	14.2	21.3	28.4	17.7
	<i>Leptohalysis scottii</i>	3.5	3.5	3.5	7.1	8.9	3.5	3.5	0	0	0	3.5	3.5	0	3.5	0
	<i>Acostata mariae</i>	28.4	7.1	7.1	17.7	10.6	24.8	10.6	3.5	0	0	24.8	10.6	3.5	14.2	0
	<i>Eggerella</i> spp.	88.7	67.4	70.9	95.7	90.4	63.8	63.8	56.7	49.6	24.8	63.8	63.8	56.7	49.6	24.8
	<i>Caronia silvestrii</i>	124.1	46.1	56.7	46.1	67.4	92.2	35.5	74.5	49.6	49.6	92.2	35.5	74.5	81.6	49.6
	<i>Nouria polymorphinoides</i>	0	17.7	31.9	3.5	0.0	0	42.6	17.7	0	0	0	42.6	17.7	0	0
	Rest	49.6	88.7	24.8	60.3	37.2	53.2	70.9	24.8	53.2	17.7	53.2	70.9	24.8	53.2	17.7
	Total	1024.8	1308.5	712.8	617.0	558.5	673.8	815.6	673.8	581.6	281.9	673.8	815.6	673.8	581.6	281.9
		A					Ox t=2					B				
		0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
	<i>Hopkinsina pacifica</i>	294.3	400.7	39.0	14.2	5.3	344.0	241.1	17.7	10.6	17.7	344.0	241.1	17.7	10.6	17.7
	<i>Bolivina</i> spp.	127.7	209.2	120.6	42.6	24.8	205.7	148.9	67.4	40.8	40.8	205.7	148.9	67.4	46.1	40.8
	<i>Nonionella turgida</i>	56.7	166.7	191.5	227.0	72.7	67.4	287.2	255.3	46.1	46.1	67.4	287.2	255.3	170.2	46.1
	<i>Stainforthia fusiformis</i>	78.0	124.1	60.3	10.6	0	46.1	99.3	14.2	5.3	5.3	46.1	99.3	14.2	0	5.3
	<i>Epistominella vitrea</i>	31.9	10.6	10.6	7.1	14.2	35.5	42.6	3.5	12.4	12.4	35.5	42.6	3.5	17.7	12.4
	Miliolids	10.6	21.3	0	7.1	3.5	10.6	7.1	0	1.8	1.8	10.6	7.1	0	3.5	1.8
	<i>Bulimina marginata</i>	24.8	14.2	21.3	21.3	8.9	31.9	17.7	28.4	5.3	5.3	31.9	17.7	28.4	21.3	5.3
	<i>Leptohalysis scottii</i>	21.3	3.5	17.7	14.2	12.4	14.2	28.4	14.2	7.1	7.1	14.2	28.4	14.2	28.4	7.1
	<i>Acostata mariae</i>	42.6	0	14.2	31.9	12.4	67.4	0	3.5	5.3	5.3	67.4	0	3.5	3.5	5.3
	<i>Eggerella</i> spp.	74.5	46.1	74.5	56.7	26.6	63.8	24.8	56.7	39.0	39.0	63.8	24.8	56.7	42.6	39.0
	<i>Caronia silvestrii</i>	46.1	17.7	35.5	7.1	5.3	46.1	35.5	17.7	10.6	10.6	46.1	35.5	17.7	17.7	10.6
	<i>Nouria polymorphinoides</i>	10.6	400.7	31.9	10.6	5.3	85.1	315.6	17.7	3.5	3.5	85.1	315.6	17.7	7.1	3.5
	Rest	24.8	42.6	42.6	46.1	24.8	42.6	70.9	56.7	21.3	21.3	42.6	70.9	56.7	14.2	21.3
	Total	844.0	1457.4	659.6	496.5	216.3	1060.3	1319.1	553.2	383.0	216.3	1060.3	1319.1	553.2	383.0	216.3
		A					Ox t=3					B				
		0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
	<i>Hopkinsina pacifica</i>	67.4	177.3	7.1	10.6	12.4	216.3	102.8	10.6	14.2	19.5	216.3	102.8	10.6	14.2	19.5
	<i>Bolivina</i> spp.	46.1	131.2	46.1	49.6	44.3	145.4	56.7	88.7	49.6	49.6	145.4	56.7	88.7	24.8	49.6
	<i>Nonionella turgida</i>	49.6	407.8	375.9	177.3	69.1	74.5	297.9	248.2	42.6	42.6	74.5	297.9	248.2	74.5	42.6
	<i>Stainforthia fusiformis</i>	53.2	63.8	14.2	14.2	3.5	31.9	60.3	17.7	1.8	1.8	31.9	60.3	17.7	3.5	1.8
	<i>Epistominella vitrea</i>	7.1	3.5	7.1	3.5	10.6	17.7	7.1	21.3	7.1	7.1	17.7	7.1	21.3	3.5	7.1
	Miliolids	31.9	3.5	3.5	0	0	7.1	3.5	0.0	1.8	1.8	7.1	3.5	0.0	3.5	1.8
	<i>Bulimina marginata</i>	7.1	28.4	21.3	7.1	7.1	21.3	10.6	10.6	17.7	17.7	21.3	10.6	10.6	7.1	17.7
	<i>Leptohalysis scottii</i>	0	0	7.1	7.1	5.3	0	0	0	0	0	0	0	0	7.1	0
	<i>Acostata mariae</i>	21.3	17.7	17.7	17.7	8.9	31.9	3.5	10.6	16.0	16.0	31.9	3.5	10.6	7.1	16.0
	<i>Eggerella</i> spp.	28.4	49.6	24.8	31.9	33.7	46.1	35.5	46.1	51.4	51.4	46.1	35.5	46.1	46.1	51.4
	<i>Caronia silvestrii</i>	56.7	28.4	3.5	7.1	23.0	7.1	3.5	17.7	21.3	21.3	7.1	3.5	17.7	17.7	21.3
	<i>Nouria polymorphinoides</i>	24.8	212.8	7.1	10.6	14.2	99.3	173.8	10.6	1.8	1.8	99.3	173.8	10.6	0	1.8
	Rest	31.9	56.7	21.3	28.4	17.7	35.5	53.2	31.9	28.4	28.4	35.5	53.2	31.9	17.7	28.4
	Total	425.5	1180.9	556.7	365.2	250.0	734.0	808.5	514.2	227.0	258.9	734.0	808.5	514.2	227.0	258.9

App. A(2)

	A					OxF t=2					B				
	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
<i>Hopkinsina pacifica</i>	184.4	117.0	14.2	10.6	30.1	255.3	255.3	70.9	28.4	17.7	255.3	255.3	70.9	28.4	17.7
<i>Bolivina</i> spp.	187.9	92.2	81.6	46.1	69.1	156.0	248.2	106.4	78.0	16.0	156.0	248.2	106.4	78.0	16.0
<i>Nonionella turgida</i>	120.6	148.9	485.8	276.6	78.0	148.9	354.6	517.7	280.1	47.9	148.9	354.6	517.7	280.1	47.9
<i>Stainforthia fusiformis</i>	35.5	74.5	24.8	3.5	5.3	35.5	234.0	78.0	3.5	5.3	35.5	234.0	78.0	3.5	5.3
<i>Epistominella vitrea</i>	117.0	3.5	21.3	14.2	19.5	63.8	14.2	7.1	7.1	0	63.8	14.2	7.1	7.1	0
Miliolids	0	7.1	3.5	3.5	0	3.5	7.1	0	7.1	0	3.5	7.1	0	7.1	0
<i>Bulimina marginata</i>	63.8	7.1	10.6	14.2	28.4	74.5	31.9	0	3.5	1.8	74.5	31.9	0	3.5	1.8
<i>Leptohalysis scottii</i>	10.6	14.2	10.6	10.6	7.1	7.1	0	0	0	3.5	7.1	0	0	0	3.5
<i>Acostata mariae</i>	88.7	3.5	10.6	10.6	8.9	35.5	0	0	17.7	3.5	35.5	0	0	17.7	3.5
<i>Eggerella</i> spp.	67.4	35.5	113.5	70.9	56.7	49.6	56.7	42.6	60.3	31.9	49.6	56.7	42.6	60.3	31.9
<i>Caronia silvestrii</i>	273.0	14.2	24.8	14.2	12.4	397.2	7.1	0	14.2	5.3	397.2	7.1	0	14.2	5.3
<i>Nouria polymorphinoides</i>	7.1	244.7	28.4	10.6	8.9	74.5	439.7	53.2	21.3	8.9	74.5	439.7	53.2	21.3	8.9
Rest	31.9	39.0	21.3	31.9	28.4	21.3	63.8	39.0	35.5	12.4	21.3	63.8	39.0	35.5	12.4
Total	1187.9	801.4	851.1	517.7	352.8	1322.7	1712.8	914.9	556.7	154.3	1322.7	1712.8	914.9	556.7	154.3

	A					OxF t=3					B				
	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
<i>Hopkinsina pacifica</i>	255.3	255.3	70.9	28.4	17.7	81.6	510.6	21.3	21.3	49.6	81.6	510.6	21.3	21.3	49.6
<i>Bolivina</i> spp.	156.0	248.2	106.4	78.0	16.0	81.6	99.3	92.2	49.6	39.0	156.0	248.2	106.4	78.0	16.0
<i>Nonionella turgida</i>	148.9	354.6	517.7	280.1	47.9	7.1	365.2	592.2	397.2	79.8	148.9	354.6	517.7	280.1	47.9
<i>Stainforthia fusiformis</i>	35.5	234.0	78.0	3.5	0.0	21.3	99.3	28.4	21.3	7.1	35.5	234.0	78.0	3.5	0.0
<i>Epistominella vitrea</i>	63.8	14.2	7.1	7.1	5.3	31.9	7.1	7.1	7.1	17.7	63.8	14.2	7.1	7.1	5.3
Miliolids	0	0	0	0	0	3.5	0	0	0	1.8	0	0	0	0	1.8
<i>Bulimina marginata</i>	74.5	31.9	0	3.5	1.8	49.6	10.6	24.8	0.0	16.0	74.5	31.9	0	3.5	1.8
<i>Leptohalysis scottii</i>	7.1	0	0	0	3.5	0	0	0	0	0	7.1	0	0	0	3.5
<i>Acostata mariae</i>	35.5	0	0	17.7	3.5	21.3	21.3	0	0	3.5	35.5	0	0	17.7	3.5
<i>Eggerella</i> spp.	49.6	56.7	42.6	60.3	31.9	49.6	46.1	35.5	67.4	44.3	49.6	56.7	42.6	60.3	31.9
<i>Caronia silvestrii</i>	397.2	7.1	0	14.2	5.3	92.2	7.1	0	7.1	3.5	397.2	7.1	0	14.2	5.3
<i>Nouria polymorphinoides</i>	74.5	439.7	53.2	21.3	8.9	17.7	606.4	49.6	14.2	26.6	74.5	439.7	53.2	21.3	8.9
Rest	24.8	70.9	39.0	42.6	12.4	17.7	53.2	35.5	10.6	17.7	24.8	70.9	39.0	42.6	12.4
Total	1322.7	1712.8	914.9	556.7	154.3	475.2	1826.2	886.5	595.7	306.7	1322.7	1712.8	914.9	556.7	154.3

	A					OxMS t=2					B				
	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
<i>Hopkinsina pacifica</i>	258.9	78.0	14.2	39.0	37.2	436.2	127.7	14.2	39.0	40.8	258.9	78.0	14.2	39.0	37.2
<i>Bolivina</i> spp.	407.8	113.5	102.8	138.3	108.2	283.7	141.8	95.7	99.3	70.9	407.8	113.5	102.8	138.3	108.2
<i>Nonionella turgida</i>	244.7	407.8	432.6	262.4	58.5	31.9	219.9	368.8	216.3	44.3	244.7	407.8	432.6	262.4	58.5
<i>Stainforthia fusiformis</i>	95.7	35.5	3.5	10.6	7.1	39.0	134.8	31.9	3.5	5.3	95.7	35.5	3.5	10.6	7.1
<i>Epistominella vitrea</i>	74.5	10.6	7.1	17.7	8.9	102.8	21.3	10.6	17.7	17.7	74.5	10.6	7.1	17.7	8.9
Miliolids	17.7	0	0	0	3.5	0	0	0	10.6	0	17.7	0	0	0	3.5
<i>Bulimina marginata</i>	138.3	14.2	28.4	60.3	33.7	60.3	17.7	17.7	39.0	49.6	138.3	14.2	28.4	60.3	33.7
<i>Leptohalysis scottii</i>	10.6	7.1	7.1	21.3	3.5	10.6	0	3.5	7.1	0	10.6	7.1	7.1	21.3	3.5
<i>Acostata mariae</i>	42.6	14.2	3.5	17.7	16.0	95.7	0	17.7	35.5	12.4	42.6	14.2	3.5	17.7	16.0
<i>Eggerella</i> spp.	78.0	60.3	39.0	78.0	65.6	92.2	63.8	35.5	92.2	39.0	78.0	60.3	39.0	78.0	65.6
<i>Caronia silvestrii</i>	124.1	10.6	21.3	31.9	31.9	159.6	14.2	3.5	39.0	10.6	124.1	10.6	21.3	31.9	31.9
<i>Nouria polymorphinoides</i>	319.1	117.0	14.2	3.5	8.9	60.3	315.6	39.0	10.6	19.5	319.1	117.0	14.2	3.5	8.9
Rest	78.0	35.5	42.6	39.0	21.3	56.7	42.6	39.0	21.3	33.7	78.0	35.5	42.6	39.0	21.3
Total	1890.1	904.3	716.3	719.9	404.3	1429.1	1099.3	677.3	631.2	344.0	1890.1	904.3	716.3	719.9	404.3



App. A(4)

	A					<i>AnoxF t=2</i>					B				
	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
<i>Hopkinsina pacifica</i>	375.9	17.7	35.5	31.9	31.9	602.8	35.5	28.4	28.4	21.3					
<i>Bolivina</i> spp.	106.4	24.8	39.0	10.6	44.3	163.1	56.7	60.3	63.8	69.1					
<i>Nonionella turgida</i>	666.7	39.0	39.0	7.1	7.1	861.7	113.5	14.2	21.3	21.3					
<i>Stainforthia fusiformis</i>	227.0	0.0	7.1	3.5	5.3	241.1	17.7	7.1	10.6	5.3					
<i>Epistominella vitrea</i>	0	17.7	17.7	17.7	14.2	49.6	7.1	10.6	17.7	12.4					
Miliolids	0	0	0	0	0	7.1	0	0	0	1.8					
<i>Bulimina marginata</i>	31.9	3.5	39.0	0	10.6	17.7	21.3	21.3	24.8	17.7					
<i>Leptohalysis scottii</i>	0	0	0	0	0	3.5	0	0	0	0					
<i>Acostata mariae</i>	7.1	0	3.5	3.5	8.9	14.2	21.3	17.7	24.8	7.1					
<i>Eggerella</i> spp.	35.5	28.4	46.1	17.7	31.9	85.1	67.4	74.5	81.6	46.1					
<i>Caronia silvestrii</i>	63.8	0.0	17.7	0.0	7.1	99.3	35.5	21.3	14.2	53.2					
<i>Nouria polymorphinoides</i>	308.5	14.2	0	17.7	5.3	411.3	31.9	17.7	21.3	16.0					
Rest	21.3	3.5	31.9	24.8	12.4	113.5	21.3	24.8	53.2	35.5					
Total	1844.0	148.9	276.6	134.8	179.1	2670.2	429.1	297.9	361.7	306.7					

	A					<i>AnoxF t=3</i>					B				
	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
<i>Hopkinsina pacifica</i>	102.8	17.7	24.8	0	37.2	205.7	14.2	3.5	10.6	40.8					
<i>Bolivina</i> spp.	3.5	42.6	24.8	21.3	53.2	0	31.9	49.6	24.8	90.4					
<i>Nonionella turgida</i>	141.8	67.4	14.2	7.1	7.1	585.1	63.8	24.8	10.6	8.9					
<i>Stainforthia fusiformis</i>	35.5	17.7	3.5	0.0	5.3	99.3	0.0	3.5	3.5	8.9					
<i>Epistominella vitrea</i>	7.1	14.2	7.1	7.1	10.6	21.3	10.6	3.5	7.1	23.0					
Miliolids	0	0	0	0	0	0	0	0	0	0					
<i>Bulimina marginata</i>	21.3	10.6	10.6	21.3	5.3	17.7	24.8	24.8	21.3	21.3					
<i>Leptohalysis scottii</i>	7.1	0	0	0	0	0	0	0	0	0					
<i>Acostata mariae</i>	7.1	3.5	14.2	7.1	8.9	28.4	3.5	21.3	14.2	16.0					
<i>Eggerella</i> spp.	17.7	46.1	28.4	24.8	26.6	78.0	39.0	42.6	31.9	65.6					
<i>Caronia silvestrii</i>	35.5	24.8	3.5	3.5	7.1	39.0	14.2	17.7	7.1	17.7					
<i>Nouria polymorphinoides</i>	301.4	21.3	3.5	7.1	14.2	464.5	31.9	21.3	7.1	16.0					
Rest	3.5	14.2	7.1	14.2	3.5	70.9	42.6	10.6	14.2	19.5					
Total	684.4	280.1	141.8	113.5	179.1	1609.9	276.6	223.4	152.5	328.0					

	A					<i>AnoxMS t=2</i>					B				
	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm
<i>Hopkinsina pacifica</i>	209.2	10.6	0	3.5	3.5	383.0	24.8	14.2	31.9	24.8					
<i>Bolivina</i> spp.	195.0	31.9	42.6	39.0	49.6	99.3	28.4	53.2	49.6	86.9					
<i>Nonionella turgida</i>	351.1	95.7	120.6	67.4	70.9	297.9	141.8	70.9	81.6	33.7					
<i>Stainforthia fusiformis</i>	113.5	28.4	7.1	10.6	14.2	120.6	42.6	21.3	10.6	7.1					
<i>Epistominella vitrea</i>	24.8	10.6	3.5	10.6	10.6	14.2	3.5	17.7	10.6	24.8					
Miliolids	0	0	0	0	1.8	7.1	0	0	0	0					
<i>Bulimina marginata</i>	14.2	3.5	7.1	7.1	21.3	60.3	17.7	10.6	21.3	0					
<i>Leptohalysis scottii</i>	7.1	0	3.5	0	0	0	0	0	0	0					
<i>Acostata mariae</i>	24.8	14.2	10.6	0	8.9	28.4	7.1	7.1	10.6	10.6					
<i>Eggerella</i> spp.	63.8	31.9	24.8	28.4	28.4	78.0	42.6	70.9	56.7	79.8					
<i>Caronia silvestrii</i>	70.9	7.1	10.6	10.6	10.6	7.1	14.2	7.1	17.7	12.4					
<i>Nouria polymorphinoides</i>	262.4	17.7	0	0	1.8	230.5	14.2	0	10.6	16.0					
Rest	70.9	10.6	7.1	24.8	16.0	78.0	21.3	39.0	28.4	49.6					
Total	1407.8	262.4	237.6	202.1	237.6	1404.3	358.2	312.1	329.8	345.7					

App. A(5)

	A					AnoxMS t=3					B
	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	0-0.5 cm	0.5-1cm	1-1.5 cm	1.5-2 cm	2-3cm	
<i>Hopkinsina pacifica</i>	138.3	14.2	0	3.5	14.2	404.3	21.3	10.6	17.7	21.3	
<i>Bolivina</i> spp.	117.0	24.8	3.5	28.4	56.7	127.7	24.8	49.6	56.7	72.7	
<i>Nonionella turgida</i>	227.0	60.3	28.4	46.1	40.8	248.2	95.7	35.5	67.4	55.0	
<i>Stainforthia fusiformis</i>	127.7	35.5	0	3.5	12.4	99.3	17.7	0	14.2	10.6	
<i>Epistominella vitrea</i>	28.4	7.1	3.5	3.5	8.9	7.1	7.1	10.6	10.6	17.7	
Miliolids	3.5	3.5	0.0	3.5	0	3.5	3.5	0.0	3.5	0	
<i>Bulimina marginata</i>	10.6	10.6	3.5	21.3	19.5	10.6	17.7	24.8	24.8	31.9	
<i>Leptohalysis scottii</i>	7.1	3.5	0	0	0	0	3.5	0	0	0	
<i>Acostata mariae</i>	10.6	17.7	0	3.5	7.1	7.1	24.8	7.1	10.6	17.7	
<i>Eggerella</i> spp.	70.9	10.6	7.1	21.3	19.5	42.6	49.6	21.3	39.0	35.5	
<i>Caronia silvestrii</i>	106.4	7.1	3.5	3.5	12.4	70.9	31.9	3.5	28.4	40.8	
<i>Nouria polymorphinoides</i>	166.7	3.5	3.5	0	3.5	326.2	14.2	3.5	3.5	16.0	
Rest	31.9	24.8	7.1	21.3	14.2	70.9	28.4	10.6	17.7	28.4	
Total	1046.1	223.4	60.3	159.6	209.2	1418.4	340.4	177.3	294.3	347.5	

**Experimental data: 37-63 µm**

	A		B	
	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm
<i>Hopkinsina pacifica</i>	56.7	106.4	28.4	56.7
<i>Bolivina</i> spp.	177.3	390.1	184.4	595.7
<i>Nonionella turgida</i>	21.3	70.9	7.1	28.4
<i>Stainforthia fusiformis</i>	120.6	631.2	99.3	624.1
<i>Epistominella vitrea</i>	42.6	28.4	56.7	14.2
Miliolids	0	0	0	21.3
<i>Bulimina marginata</i>	14.2	28.4	7.1	7.1
<i>Leptohalysis scottii</i>	0	21.3	0.0	7.1
<i>Acostata mariae</i>	70.9	21.3	28.4	21.3
<i>Eggerella</i> spp.	28.4	0	14.2	35.5
<i>Caronia silvestrii</i>	63.8	7.1	0	7.1
<i>Nouria polymorphinoides</i>	0	0	0	0
Rest	70.9	35.5	56.7	99.3
Total	666.7	1340.4	482.3	1517.7

	A		B		A		B	
	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm
<i>Hopkinsina pacifica</i>	28.4	56.7	70.9	14.2	49.6	63.8	56.7	21.3
<i>Bolivina</i> spp.	283.7	453.9	390.1	297.9	141.8	354.6	170.2	163.1
<i>Nonionella turgida</i>	0	63.8	42.6	21.3	35.5	49.6	14.2	63.8
<i>Stainforthia fusiformis</i>	99.3	723.4	241.1	773.0	85.1	361.7	113.5	383.0
<i>Epistominella vitrea</i>	56.7	35.5	70.9	14.2	21.3	14.2	49.6	7.1
Miliolids	0.0	21.3	7.1	21.3	35.5	28.4	0	0
<i>Bulimina marginata</i>	14.2	35.5	7.1	7.1	0	7.1	0	7.1
<i>Leptohalysis scottii</i>	0	21.3	7.1	7.1	7.1	21.3	0	7.1
<i>Acostata mariae</i>	28.4	21.3	49.6	14.2	21.3	7.1	0	7.1
<i>Eggerella</i> spp.	28.4	7.1	56.7	28.4	56.7	0	21.3	21.3
<i>Caronia silvestrii</i>	14.2	0	21.3	0	70.9	0	0	7.1
<i>Nouria polymorphinoides</i>	0	0	0	0	0	0	0	0
Rest	28.4	21.3	21.3	42.6	78.0	21.3	85.1	42.6
Total	581.6	1461.0	985.8	1241.1	602.8	929.1	510.6	730.5

App. A(6)

	A		OxF t=2		B			A		OxF t=3		B	
	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm		0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm
<i>Hopkinsina pacifica</i>	92.2	0	106.4	49.6	35.5	21.3	14.2	24.8	35.5	21.3	14.2	24.8	
<i>Bolivina</i> spp.	496.5	340.4	290.8	120.6	195.0	127.7	251.8	124.1	195.0	127.7	251.8	124.1	
<i>Nonionella turgida</i>	56.7	35.5	28.4	92.2	14.2	14.2	14.2	10.6	14.2	14.2	14.2	10.6	
<i>Stainforthia fusiformis</i>	390.1	276.6	78.0	276.6	99.3	347.5	124.1	429.1	99.3	347.5	124.1	429.1	
<i>Epistominella vitrea</i>	78.0	21.3	141.8	7.1	141.8	0	85.1	7.1	141.8	0	85.1	7.1	
<i>Miliolids</i>	21.3	0	0	7.1	0	0	7.1	0	0	0	7.1	0	
<i>Bulimina marginata</i>	35.5	14.2	92.2	0	17.7	0	31.9	0	17.7	0	31.9	0	
<i>Leptohalysis scottii</i>	35.5	7.1	0	7.1	7.1	14.2	7.1	0	7.1	14.2	7.1	0	
<i>Acostata mariae</i>	14.2	21.3	106.4	0	35.5	0	63.8	7.1	35.5	0	63.8	7.1	
<i>Eggerella</i> spp.	21.3	14.2	99.3	7.1	35.5	0	67.4	10.6	35.5	0	67.4	10.6	
<i>Caronia silvestrii</i>	14.2	0	198.6	0	42.6	0	46.1	0	42.6	0	46.1	0	
<i>Nouria polymorphinoides</i>	7.1	0	0	7.1	0	0	0	0	0	0	0	0	
Rest	78.0	14.2	56.7	28.4	42.6	14.2	31.9	7.1	42.6	14.2	31.9	7.1	
Total	1340.4	744.7	1198.6	602.8	666.7	539.0	744.7	620.6	666.7	539.0	744.7	620.6	

  

	A		OxMS t=2		B			A		OxMS t=3		B	
	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm		0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm	0-0,5cm	0,5-1cm
<i>Hopkinsina pacifica</i>	63.8	21.3	63.8	21.3	14.2	28.4	14.2	0	14.2	28.4	14.2	0	
<i>Bolivina</i> spp.	503.5	383.0	237.6	70.9	163.1	42.6	85.1	49.6	163.1	42.6	85.1	49.6	
<i>Nonionella turgida</i>	0	21.3	10.6	14.2	7.1	0	0	0	7.1	0	0	0	
<i>Stainforthia fusiformis</i>	148.9	439.7	141.8	340.4	297.9	28.4	106.4	248.2	297.9	28.4	106.4	248.2	
<i>Epistominella vitrea</i>	227.0	0	141.8	7.1	0	14.2	21.3	0	0	14.2	21.3	0	
<i>Miliolids</i>	0	21.3	0	0	0	0	0	0	0	0	0	0	
<i>Bulimina marginata</i>	14.2	0	0	0	0	0	0	0	0	0	0	0	
<i>Leptohalysis scottii</i>	0	0	3.5	0	14.2	0	0	0	14.2	0	0	0	
<i>Acostata mariae</i>	99.3	0	46.1	14.2	0	14.2	21.3	7.1	0	14.2	21.3	7.1	
<i>Eggerella</i> spp.	28.4	28.4	24.8	0	0	0	42.6	0	0	0	42.6	0	
<i>Caronia silvestrii</i>	56.7	0	21.3	0	0	0	56.7	7.1	0	0	56.7	7.1	
<i>Nouria polymorphinoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	
Rest	70.9	0	14.2	0	7.1	0	14.2	7.1	7.1	0	14.2	7.1	
Total	1212.8	914.9	705.7	468.1	503.5	127.7	361.7	319.1	503.5	127.7	361.7	319.1	

## Field data, Station 108, 21-2-2002

	37-63 µm					> 63 µm				
	0-0,5cm	0,5-1cm	1-1,5cm	1,5-2cm	2-3cm	0-0,5cm	0,5-1cm	1-1,5cm	1,5-2cm	2-3cm
<i>Hopkinsina pacifica</i>	5.1	30.6	30.6	40.8	45.9	76.5	214.3	163.3	153.1	163.3
<i>Bolivina</i> spp.	229.6	500.0	224.5	244.9	178.6	204.1	398.0	346.9	224.5	178.6
<i>N turgida</i>	30.6	102.0	61.2	10.2	0	94.4	326.5	436.2	275.5	253.8
<i>S fusiformis</i>	117.3	193.9	234.7	224.5	91.8	40.8	30.6	61.2	40.8	20.4
<i>Epistominella vitrea</i>	96.9	102.0	61.2	30.6	35.7	35.7	125.0	61.2	40.8	127.6
<i>Miliolids</i>	5.1	10.2	0	0	0	25.5	23.0	20.4	12.8	12.8
<i>Bulimina marginata</i>	20.4	30.6	30.6	30.6	5.1	58.7	109.7	81.6	38.3	93.1
<i>Leptohalysis scottii</i>	10.2	122.4	20.4	10.2	0.0	0	0	10.2	30.6	10.2
<i>Acostata mariae</i>	112.2	0	81.6	20.4	40.8	51.0	30.6	30.6	91.8	81.6
<i>Eggerella</i> spp.	25.5	20.4	51.0	40.8	25.5	176.0	160.7	107.1	30.6	6.4
<i>Caronia silvestrii</i>	15.3	142.9	20.4	20.4	5.1	45.9	51.0	102.0	102.0	183.7
<i>Nouria polymorphinoides</i>	0	0	0	10.2	0	51.0	43.4	17.9	58.7	65.1
Rest	66.3	122.4	61.2	71.4	10.2	145.4	86.7	137.8	56.1	58.7
Total	734.7	1377.6	877.6	755.1	438.8	1005.1	1599.5	1576.5	1155.6	1255.1