

表17-1 動物プランクトン計数結果(個体数/m³)

	採集層 (m)	2024/4/15					2024/5/14					2024/6/10					2024/7/22				
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V
カイアシ類 nauplius	0-10	13,883	43,573	18,674	10,337	63,002	46,277	68,409	55,331	54,325	44,265	37,223	38,229	54,325	39,235	5,659	24,899	23,767	18,108	33,651	57,871
	10-20		3,697	1,207	1,320			6,791	21,629	2,264			5,659	2,075	1,132			717	1,132	679	
	20-40			585	434				1,056	302					340	113			189	38	
	40-75				86					1,412					43					22	
copepodid	0-10	604	8,866	6,225	981	528			1,006	2,012	1,006	14,084	6,036	11,066	5,030	1,132	85,260	36,405	28,483	33,651	19,014
	10-20		1,283	566					503	189			189					7,243	12,110	7,243	
	20-40			207	75				75					38					2,433	283	
	40-75				32					129										162	
<i>Eodiaptomus japonicus</i>	0-10	453	943	3,584	1,396	10,337				1,006			1,006	1,006	1,006		12,072	4,150	4,338	3,320	302
	10-20		1,132	1,622	415			189										981	1,245	566	
	20-40			1,226	170														151		
	40-75				32					11					11					22	
<i>Mesocyclops leuckarti</i>	0-10		4,338	9,431	6,489		2,012	3,018	7,042	11,066	7,042	2,012	2,012	3,018	2,012		4,150	2,264	3,773	2,264	151
	10-20		2,792	377	830			566	2,515	1,132								226	1,019	1,698	
	20-40			38	283				302	151				19					132	75	
	40-75				97					43					11					22	
<i>Cyclops vicinus</i>	0-10																				
	10-20																				
	20-40																				
	40-75														11						
枝角類 <i>Diaphanosoma sp.</i>	0-10																1,132		566	453	604
	10-20																				
	20-40																				
	40-75																				
<i>Daphnia galeata</i>	0-10	604	4,527	6,602	2,264	1,886	3,018	11,066	9,054	8,048	12,072	3,018	1,006	4,024	2,012		8,300	9,054	21,881	8,451	2,565
	10-20		1,056	1,773	792			5,847	5,030	2,264			1,132	189	1,132			1,358	2,716	1,811	
	20-40			302	283				377	377				38					264		
	40-75				75				388											65	
<i>Daphnia pulex</i>	0-10	453	4,338	2,641	38	151		3,018	5,030	11,066			2,012		2,012		377			453	
	10-20		830	490	75			3,018	2,515	1,698			566	377	2,264			75	226		
	20-40			415	283				604	1,132				38	170				207	94	
	40-75				162				560						11						
<i>Daphnia similis</i>	0-10																	566			
	10-20																				
	20-40																				
	40-75																				
<i>Bosmina longirostris</i>	0-10		189		38	75		1,006	1,006	1,006		1,006	7,042	7,042	7,042	4,150		1,509	377	604	75
	10-20							377					2,075	1,509	2,264			1,547	566	1,584	
	20-40			19										57	57				151		
	40-75														32						97
<i>Bosmina fatalis</i>	0-10																755	189			
	10-20																				
	20-40																				
	40-75																				
<i>Chydorus sphaericus</i>	0-10	151																			
	10-20																				
	20-40																				
	40-75																				
<i>Leptodora kindtii</i>	0-10	151										755	1,006				1,132				113
	10-20																				
	20-40																				
	40-75																				

表17-2 動物プランクトン計数結果(個体数/m³)

	採集層 (m)	2024/8/19					2024/9/11					2024/10/15					2024/11/11				
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V
カイアシ類 nauplius	0-10	83,449	21,164	18,561	24,446	52,363	34,858	26,974	27,276	20,749	51,609	50,100	47,534	33,349	38,027	51,005	12,072	30,784	3,923	17,505	21,730
	10-20		4,980	3,923	5,772			2,264	2,414	9,281			7,092	4,452	5,697			11,167	4,829	1,132	
	20-40			604	905				490	264				472	245				302	75	
	40-75				65					65					75						
copepodid	0-10	49,798	17,316	22,975	28,747	13,808	74,470	39,046	29,992	29,992	19,089	13,129	4,527	5,282	5,432	6,942	2,113	6,338	7,017	17,806	18,787
	10-20		21,428	26,332	34,519			17,090	18,712	45,497			6,112	6,036	3,659			6,942	10,337	9,281	
	20-40			4,640	10,016				3,810	2,037				528	773				2,584	1,547	
	40-75				65					86					32					86	
<i>Eodiaptomus japonicus</i>	0-10	5,282	9,281	6,677	6,564	3,244	52,967	18,297	12,676	13,015	1,056	4,225	3,471	2,264	4,074	4,527			151	604	226
	10-20		3,773	4,301	4,867			10,186	9,054	12,902			2,792	3,169	2,226			528	528	868	
	20-40			849	1,528				830	75				189	321				207	94	
	40-75				43					32					54						
<i>Mesocyclops leuckarti</i>	0-10	604	3,622	5,885	3,169	2,188		2,264	566	1,320	1,660	1,660	302	1,509	226	604		1,207	1,358	3,622	
	10-20		2,113	2,264	1,245			679	453	1,811			528	528	340			1,509	377	830	
	20-40			245	340				38	38				75	57				38	75	
	40-75									22					11						
<i>Cyclops vicinus</i>	0-10													302							
	10-20												75	75	38						
	20-40														38						
	40-75														11						
枝角類 <i>Diaphanosoma sp.</i>	0-10	42,705	16,524	7,583	8,262	20,447	38,254	15,656	13,355	13,204	3,848	10,714	3,923	8,300	4,074	6,489		151	377	2,565	2,264
	10-20		302	75	113			3,848	3,169	10,865			1,811	1,735	1,283			830	830	151	
	20-40				113				113					226	75				57		
	40-75									11											
<i>Daphnia galeata</i>	0-10		1,132	1,245	3,056	377	1,132	1,320	1,471	2,452		1,358	1,358	1,056	453	905		1,509	302	1,056	
	10-20		830	2,414	3,622			1,698	6,489	2,264			981	755	340			226	151	38	
	20-40			19	340				226	75				57	57				38	38	
	40-75																				
<i>Daphnia pulex</i>	0-10													151				151			
	10-20			453	113					679				75						302	
	20-40				57				38	75				19	57						
	40-75																				
<i>Daphnia similis</i>	0-10																				
	10-20									38											
	20-40																				
	40-75																				
<i>Bosmina longirostris</i>	0-10			226	1,245	302	1,132	377	340	2,452	151	151			226	302	1,509	302	75	302	
	10-20		302	1,509	1,245			1,471	1,056	1,584			302	38	189			151	75	113	
	20-40			19	226					75									38	19	
	40-75																				11
<i>Bosmina fatalis</i>	0-10	1,207	453	113	1,019	453	4,301	1,886	566	1,320	151	1,056	453	453	113	453	1,056		528	604	905
	10-20				453			340		1,811			75	38	75			75	377	340	
	20-40									75				38							
	40-75																				
<i>Chydorus sphaericus</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Leptodora kindtii</i>	0-10		113	113	340				113			151			151			151			
	10-20																				
	20-40																				
	40-75																				

表17-3 動物プランクトン計数結果(個体数/m)

	採集層 (m)	2024/12/9					2025/1/14					2025/2/7					2025/3/11				
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V
カイアシ類 nauplius	0-10	9,054	11,355	16,599	13,581	17,731	40,291	28,973	23,088	15,468	21,504	20,523	27,766	18,297	13,883	21,051	7,470	12,299	20,560	87,712	32,444
	10-20		7,092	7,092	9,054			15,166	7,960	6,866			13,430	10,940	6,112			2,150	4,301	16,939	
	20-40			1,528	2,490				3,659	3,622				9,771	6,357				3,112	10,733	
	40-75				356				1,143					9,183						3,503	
copepodid	0-10	5,885	10,299	13,883	12,374	8,300	11,091	10,412	5,885	6,979	9,054	4,074	8,979	5,395	6,413	6,564	226	1,547	4,150	20,032	4,829
	10-20		6,338	7,394	6,602			4,980	3,207	2,716			2,226	3,094	1,811			1,622	1,547	4,753	
	20-40			5,319	4,527				2,414	2,660				3,150	2,452				2,697	3,716	
	40-75				410				895					3,880						1,800	
<i>Eodiaptomus japonicus</i>	0-10				905				755	226			2,037	1,396	226	453		340	2,113	4,753	75
	10-20			302				717	415			566	1,056	151			830	2,037	1,547		
	20-40			566	377			302	660				660	717				1,320	924		
	40-75				43			172					744						216		
<i>Mesocyclops leuckarti</i>	0-10	905		302		377	679	226	302	755				151		75			113	113	75
	10-20		302	302	189			113	75	113			38	75							
	20-40			57	75				19	57				132	57				19	19	
	40-75				11				11						129					43	
<i>Cyclops vicinus</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
枝角類 <i>Diaphanosoma sp.</i>	0-10			302		377															
	10-20		151	0	2,264																
	20-40			0	75																
	40-75				22																
<i>Daphnia galeata</i>	0-10	1,358	1,056	6,942	3,622		15,618	11,091	4,074	5,093		1,434	5,659	1,509	7,319	1,509	75	264	189	3,622	453
	10-20		1,056	1,811				5,885	1,056				1,773	679	1,320			264	0	792	
	20-40			170					660					943	1,264				75	151	
	40-75													1,649						43	
<i>Daphnia pulex</i>	0-10												226						113		
	10-20								38											38	
	20-40				75																
	40-75																				
<i>Daphnia similis</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Bosmina longirostris</i>	0-10	1,811	10,299	2,716	6,942	6,036	1,811	16,524	5,432	8,300	10,865	679	3,923	3,207	3,471	2,490	75	189	151	1,245	377
	10-20		4,074	755	1,132			11,657	2,452	3,773			1,698	1,962	1,245			302	189	755	
	20-40			1,867	1,207				1,226	2,867				1,622	1,547				170	132	
	40-75				172				970					2,264						65	
<i>Bosmina fatalis</i>	0-10	1,811	1,320	302	302																
	10-20		453	453																	
	20-40			170	75																
	40-75																				
<i>Chydorus sphaericus</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Leptodora kindtii</i>	0-10					2,641						75	75					75			
	10-20								38				38								
	20-40								19												
	40-75								54												

表17-4 動物プランクトン計数結果(個体数/m³)

	採集層 (m)	2024/4/15					2024/5/14					2024/6/10					2024/7/22				
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V
ワムシ類 <i>Brachionus angularis</i>	0-10	1,358	189	377		528		2,012			3,018						1,509	1,698	189	151	
	10-20							1,006													
	20-40				38			38													11
	40-75																				
<i>Brachionus calyciflorus</i>	0-10	1,962															755				
	10-20																				
	20-40																				
	40-75																				
<i>Brachionus rubens</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Euchlanis dilatata</i>	0-10																10,563	2,264	377		
	10-20																	75			
	20-40																				
	40-75																				
<i>Keratella cochlearis</i>	0-10			755													377	189			
	10-20																				
	20-40																				
	40-75																				
<i>Keratella quadrata</i>	0-10	1,056	189			226	1,006	2,012	2,012	2,012							377	189			
	10-20				38				503	189								38			
	20-40				19	19			75					94	57						19
	40-75					11				151					22						
<i>Kellicottia longispina</i>	0-10	21,730	17,920	10,375	3,810	13,732	7,042	13,078	14,084	5,030	8,048	1,006	3,018	2,012	2,012			2,452	1,132	2,565	75
	10-20		3,320	1,320	1,169				2,515	2,264								943	1,584	1,132	
	20-40			283	38				189	113				19						19	
	40-75				32					43					11						
<i>Asplanchna sp.</i>	0-10	905	943			75		1,006	2,012		1,006		2,012	2,012	1,006						
	10-20								1,509				377	755							
	20-40								38					19							
	40-75																				
<i>Trichocerca sp.</i>	0-10												2,012	5,030							
	10-20												377	189	755						
	20-40								38					75	113						19
	40-75														32						11
<i>Polyarthra sp.</i>	0-10	905		566		755	10,060	9,054	22,132	3,018	4,024	2,012	2,012	1,006	2,012	377					
	10-20		604						2,012	189											
	20-40								151	113											
	40-75									11					11						
<i>Synchaeta sp.</i>	0-10	3,169	566		415	9,960	44,265	21,126	11,066	20,120	2,012	4,024			1,006	8,677				151	755
	10-20		151	1,207	264			3,584	8,048	4,716			566	189	755			38			
	20-40			226	38				792	1,396				132	226						
	40-75				11					1,056					22						
<i>Ploesoma sp.</i>	0-10	3,320	755	3,395	113	3,018						88,529	9,054	2,012	9,054	18,486	4,150			151	151
	10-20			453	302			377	503	566			6,225	5,847	8,677						
	20-40			19	19				264	1,094				1,999	4,867						38
	40-75									119					345						
<i>Hexarthra mira</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Filinia sp.</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Conochilus unicornis</i>	0-10													7,042							
	10-20														1,509						
	20-40																				
	40-75																				

表17-5 動物プランクトン計数結果(個体数/m³)

	採集層 (m)	2024/8/19					2024/9/11					2024/10/15					2024/11/11					
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	
ワムシ類 <i>Brachionus angularis</i>	0-10																					
	10-20												75									
	20-40																					
	40-75					11																
<i>Brachionus calyciflorus</i>	0-10																					226
	10-20																					
	20-40																					
	40-75																					
<i>Brachionus rubens</i>	0-10																					
	10-20																					
	20-40																					
	40-75																					
<i>Euchlanis dilatata</i>	0-10	604	113																			
	10-20																					
	20-40																					
	40-75																					
<i>Keratella cochlearis</i>	0-10	755	113			302						302	151				604	3,320	151	1,509	1,584	
	10-20		189		113												151			113		
	20-40																		38		22	
	40-75																					
<i>Keratella quadrata</i>	0-10																					
	10-20		75																			
	20-40																					
	40-75																					
<i>Kellicottia longispina</i>	0-10		113			75		1,019	905	1,132	75		151	302	113	302		905	75	151	453	
	10-20		1,283	528	1,811				151	264			453	453	302			75	75	113		
	20-40				113										19						19	
	40-75														22							
<i>Asplanchna sp.</i>	0-10																					
	10-20							792	1,056	1,358												
	20-40																					
	40-75																					
<i>Trichocerca sp.</i>	0-10							377	113	1,132	151			151		151		1,207	1,584	3,018	4,527	
	10-20		75					113						38	38		151	604	264			
	20-40														19				132		65	
	40-75																					
<i>Polyarthra sp.</i>	0-10																					226
	10-20																					
	20-40																					
	40-75														11						11	
<i>Synchaeta sp.</i>	0-10											151					10,412	151		302	1,132	
	10-20			75										38			75					
	20-40																		132			
	40-75									11					97					11		
<i>Ploesoma sp.</i>	0-10							189			604	302	151	453		151	6,942	2,565	302	604	2,037	
	10-20									453			528	415	151		226			75		
	20-40								151	189				302	453				19	38		
	40-75				11					11												
<i>Hexarthra mira</i>	0-10		1,019	340		1,358									113							
	10-20																					
	20-40																					
	40-75																					
<i>Filinia sp.</i>	0-10																					
	10-20																					
	20-40																					
	40-75																					
<i>Conochilus unicornis</i>	0-10															1,056	1,056	1,509	151	2,113	3,848	
	10-20																528	604	340			
	20-40																		19			
	40-75																					

表17-6 動物プランクトン計数結果(個体数/m³)

	採集層 (m)	2024/12/9					2025/1/14					2025/2/7					2025/3/11				
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V
ワムシ類 <i>Brachionus angularis</i>	0-10						453														
	10-20																				
	20-40																				
	40-75																				
<i>Brachionus calyciflorus</i>	0-10	905					453	905				226									
	10-20																				
	20-40																				
	40-75																				
<i>Brachionus rubens</i>	0-10											75					75				
	10-20																				
	20-40																				
	40-75																				
<i>Euchlanis dilatata</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Keratella cochlearis</i>	0-10	14,034	3,169	3,320	2,716	3,773	453			189											
	10-20		151	151	943																
	20-40			226	151				19												
	40-75				43																
<i>Keratella quadrata</i>	0-10									75		75		189	151			75			
	10-20												75						38	38	
	20-40													19					57	38	
	40-75																			22	
<i>Kellicottia longispina</i>	0-10		528	905	905	1,132	679	2,264	453	377	679	830	981	1,245	1,056	755	75	528	377	1,698	1,811
	10-20			453	1,320			679	604	415			302	905	415			226	340	1,811	
	20-40			57	226				226	75				415	434				170	717	
	40-75									11					485					237	
<i>Asplanchna sp.</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Trichocerca sp.</i>	0-10	2,264	2,113	5,131	3,018	4,527		453	302	189	453										
	10-20		302	1,056	566			453													
	20-40			113	226				57												
	40-75				54																
<i>Polyarthra sp.</i>	0-10	4,074	528	1,207	905	1,886	905	226	151	189	226	755	75	75		302	75		38		
	10-20		151	302						38			75								
	20-40			57	75				19						19					19	
	40-75				22															32	
<i>Synchaeta sp.</i>	0-10	11,770	264	1,207		755	32,142	14,713	6,187	4,527	4,753	28,445	11,469	8,337	6,791	9,582	3,546	3,395	1,283	2,037	9,733
	10-20		151		377			9,507	1,584	1,207			5,923	4,753	4,150			1,396	641	2,113	
	20-40								905	528				5,168	3,603				453	1,490	
	40-75				11					183					2,943					442	
<i>Ploesoma sp.</i>	0-10	4,980																			
	10-20		151																		
	20-40																				
	40-75																				
<i>Hexarthra mira</i>	0-10																				
	10-20																				
	20-40																				
	40-75																				
<i>Filinia sp.</i>	0-10											151					151				
	10-20																				
	20-40																				
	40-75																				
<i>Conochilus unicornis</i>	0-10			1,509	604	2,641															
	10-20		302	604	1,320			226		415											
	20-40			679	226					75											
	40-75				43																

表17-7 動物プランクトン計数結果(個体数/m³)

	採集層 (m)	2024/4/15					2024/5/14					2024/6/10					2024/7/22					
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	
<i>Collotheca sp.</i>	0-10									1,006												
	10-20								503													
	20-40																					
	40-75																					
<i>Lepadella sp.</i>	0-10																					
	10-20																					
	20-40																					
	40-75																					
<i>Diurella sp.</i>	0-10																					
	10-20																					
	20-40																					
	40-75																					
端脚類 <i>Jesogammarus sp.</i>	0-10																					
	10-20																					
	20-40																					
	40-75																					

表17-8 動物プランクトン計数結果(個体数/m³)

	採集層 (m)	2024/8/19					2024/9/11					2024/10/15					2024/11/11					
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	
<i>Collotheca sp.</i>	0-10																302			151	905	679
	10-20																	453	151	151		
	20-40																					
	40-75																					
<i>Lepadella sp.</i>	0-10																					
	10-20																					
	20-40																					
	40-75																					
<i>Diurella sp.</i>	0-10																					
	10-20																					
	20-40																					
	40-75																					
端脚類 <i>Jesogammarus sp.</i>	0-10																					
	10-20																					
	20-40															113	19			94		
	40-75																					22

表17-9 動物プランクトン計数結果(個体数/m³)

	採集層 (m)	2024/12/9					2025/1/14					2025/2/7					2025/3/11					
		I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	
<i>Collotheca sp.</i>	0-10																					
	10-20																					
	20-40																					
	40-75																					
<i>Lepadella sp.</i>	0-10												75									
	10-20																					
	20-40																					
	40-75																					
<i>Diurella sp.</i>	0-10													415	226	302						
	10-20													113	264							
	20-40													151	57							
	40-75														97							
端脚類 <i>Jesogammarus sp.</i>	0-10																					
	10-20																					
	20-40			57																		
	40-75				129																	