

Table 6: 渦鞭毛藻シスト化石の産出状況(能取湖湖口西側海岸:Fig. 3i, 鱒浦層～呼人層(能取湖西岸)). 珪藻化石帯は渡辺ほか(2018)による. *Sp.h*: *Spiniferites hexatypicus* 帯, *Tri.*: *Trinovantedinium* spp. 帯.

Table 6: Occurrence chart of selected dinoflagellate cysts taxa (West shoreline of the Notoro Lake inlet: Fig. 3i, Masuura Formation to Yobito Formation (westside of the Notoro Lake)). Diatom Zones are based on Watanabe et al. (2018). *Sp.h*: *Spiniferites hexatypicus* Zone, *Tri.*: *Trinovantedinium* spp. Zone.

Formations (Kawakami et al., 2018)	Masuura Fm.			Yobito Fm.							
Formations (Sato and Mitsunashi, 1970)	Yobito Fm. (West side of the Notoro Lake)										
Dinocyst zones	Cap. fusca	Sp.h	Barren			Sel. nephroides			Tri.		
Diatom zones (NPD)	5C	5D	6B					7A			
Sample No.	260625-20	20151001-01	20151001-02	20151001-03	20151001-04	20151001-05	20151001-06	20151001-07	260625-21	260625-22	260625-23
Dinoflagellate cysts											
Achomosphaera spp.	7	10	18		1	1	3	1			
Bitectatodinium tepikiense	1	1	6	1	1	3	6		16	3	
Brigantedinium spp.	21	9	9	4	2	5	12	9	10	8	4
Capillicysta fusca	56	9	11					2		3	1
Capillicysta fusca ?	18	3	5	1							
Cleistosphaeridium placacanthum	3	1	5			1		1			
Hystriochostrogylon spp.	2										
Lejeunecysta convexa	6	3	3			1		1			
Lejeunecysta hyalina	10	7	17	1		1	15	3	7	9	
Lejeunecysta spp.	26	28	46	3	3	4	14	21	28	23	14
Metitasphaeridium spp.	3										
Operculodinium centrocarpum	3		3				6	1		2	2
Operculodinium spp.	17	18	11	6	1	2	16	6	15	2	12
Selenopemphix brevispinosa	46	23	4				3	3	1	1	3
Selenopemphix quanta	3							1			
Selenopemphix sp. A	6	3	7								
Selenopemphix spp.	28	14	8		1	5	47	13	13		6
Spiniferites adnetus	2		2			1			1		
Spiniferites aquilonius sensu. Matsuoka and Bujak	7	4	12				3				1
Spiniferites hexatypicus	1	4	20								
Spiniferites ramosus gracilis	1										
Spiniferites ramosus ramosus	5		3	1			1				2
Spiniferites spp.	12	11	25	5	5		6	4	3	4	12
Tectatodinium spp.	10	6	22	3	7	9	25	27	61	31	3
Tuberculodinium rossignoliae	1										
Batiacasphaera minuta		1				1	1				
Filisphaera filifera		5	13	9	8	8	18	15	22		8
Nematosphaeropsis labyrinthus		1	2	5			6	2		2	
Spiniferites elongatus		1	3		1						
Spiniferites membranaceus		2						1			3
Achomosphaera ramulifera			1								
Lingulodinium spp.			5						1		
Spiniferites ellipsoideus			1						1		
Selenopemphix nephroides			2	7	7	5	82	119	101	19	23
Tuberculodinium vancampoe			1								
Trinovantedinium spp.				1		1	3		1	3	
Nematosphaeropsis lemniscata					1		3				
Distatodinium sp.							1				
Impagidinium sp. indet.							1				
Lejeunecysta cf. granosa							4	1	5		2
Trinovantedinium sp. B							6	2			18
Cleistosphaeridium ? spp.								1			
Hystriocholpoma spp.								1			
Trinovantedinium sp. A									1		
Acritarchs											
Quadrina spp.	4	6	5		2					1	3
Ascotomocystis sp.						1					
Number of Species (diversity)	16	15	20	6	5	8	13	13	9	8	11
Total counts	299	170	270	47	40	49	282	235	287	111	117