

Table 3: 渦鞭毛藻シスト化石の産出状況 (能取半島北部海蝕崖: Fig. 3d, 網走層最上部～呼人層). 珪藻化石帯は渡辺ほか (2018) による. *Tri. spp.*: *Trinovantedinium* spp. 帯.

Table 3: Occurrence chart of selected dinoflagellate cysts taxa (Nothern shoreline of the Notoro Penninsula: Fig. 3d, Uppermost part of Abashiri Formation to Yobito Formation). Diatom Zones are based on Watanabe et al. (2018).

Tri. spp.: *Trinovantedinium* spp. Zone.

Formations (Kawakami et al., 2018)	Ab	Yobito Formation										
Formations (Sato and Mitsunashi, 1970)	Ab	Notoro Fm. (east side of the Notoro Lake)										
Dinocyst zones	<i>Sp. hexatypicus</i>				<i>Sel. nephroides</i>				<i>Tri. spp.</i>			
Diatom zones (NPD)	Barren	6B?		7A								
Sample No.	260625-01	260625-03	260625-05	260625-06	260625-07	260625-08	260625-09	260625-10	260625-11	260625-12		
Dinoflagellate cysts												
<i>Achomosphaera spongiosa</i>	5											
<i>Achomosphaera</i> spp.	15	4	3	8	3	1		2	2	1		
<i>Brigantedinium</i> spp.	5	6	6	8	7	7	4	5	7	21		
<i>Capillicysta fusca</i>	13	12	10	16		3		4	3	2		
<i>Filisphaera filifera</i>	3	2	5	5	4		7	3	7	7		
<i>Hystrichostrogylon membraniphorum</i>	6	5										
<i>Hystrichostrogylon</i> spp.	4											
<i>Lejeunecysta convexa</i>	1	8		2						2		
<i>Lejeunecysta</i> cf. <i>granosa</i>	1	4	8				1			3		
<i>Lejeunecysta hyalina</i>	6	21	3	11			4	1	6			
<i>Lejeunecysta</i> spp.	20	25	16	17	3	5	4	17	9	21		
<i>Nematosphaeropsis labyrinthus</i>	2								1			
<i>Operculodinium centrocarpum</i>	4	3	3	7	1			2	1	7		
<i>Operculodinium</i> spp.	39	17	14	10	39	12	10	25	12	43		
<i>Reticulatosphaera actinocoronata</i>	1			4					2			
<i>Selenopemphix brevispinosa</i>	7	25	22	5	7	6			1			
<i>Selenopemphix nephroides</i>	1	2	1	1	15	4	2	28	3	12		
<i>Selenopemphix quanta</i>	2	3	1	3				4	2	4		
<i>Selenopemphix</i> sp. A	5	11	9	8	1	3						
<i>Selenopemphix</i> spp.	11	23	21	8	20	7	2	19	3	11		
<i>Spiniferites adnatus</i>	9	1		1								
<i>Spiniferites aquilonius</i> sensu. Matsuoka and Bujak	3	3	1	8	1			1				
<i>Spiniferites ellipsoideus</i>	2					1						
<i>Spiniferites elongatus</i>	2	1		3			1			1		
<i>Spiniferites hexatypicus</i>	29	17	5	4	1							
<i>Spiniferites ramosus ramosus</i>	4	4		7			1	2				
<i>Spiniferites</i> sp. A	17											
<i>Spiniferites</i> sp. B	8											
<i>Spiniferites</i> spp.	33	13	1	23	4	2	1	4	5	4		
<i>Tectatodinium</i> spp.	12	1	6	7	35	12	21	19	11	6		
<i>Achomosphaera ramulifera</i>		1				1				1		
<i>Lingulodinium</i> spp.		4							1			
<i>Spiniferites membranaceus</i>		1		4								
<i>Achomosphaera</i> sp. A			1				1					
<i>Batiacasphaeridium minuta</i>			1		1	2	1	1		8		
<i>Bitectatodinium tepikiense</i>			2	5	4	3	6	4	1			
<i>Lingulidinium sadoense</i>			2	3	4	1			3			
<i>Operculodinium wallii</i>			2	2								
<i>Cleistosphaeridium ancyreum</i>				1								
<i>Metitasphaeridium</i> spp.				2				1				
<i>Operculodinium israelianum</i>				2	3	1				5		
<i>Spiniferites ramosus gracilis</i>				2								
<i>Tuberculodinium vancampoae</i>				1								
<i>Trinovantedinium</i> ? sp.					1					16		
<i>Trinovantedinium</i> spp.					5	9	1	3	28	103		
peridinium gen. et sp. indet.						1						
<i>Areoligera senonensis</i>								3				
<i>Impagidinium</i> sp.								1				
dinocyst gen. et sp. indet.								1	2	5		
<i>Spiniferites strictus</i>									1			
<i>Cleistosphaeridium placacantum</i>									1			
<i>Trinovantedinium</i> sp. A									5	43		
<i>Trinovantedinium</i> sp. B									13	10		
<i>Trinovantedinium</i> sp. C									1	12		
<i>Trinovantedinium</i> sp. D									21	4		
<i>Capillicysta fusca</i> ?										2		
<i>Operculodinium longispinigerum</i>										5		
<i>Trinovantedinium</i> sp. E										2		
<i>Trinovantedinium</i> sp. F										7		
Acritarchs												
<i>Quadrina</i> spp.	2		3		4	2		2	1	7		
Number of species (diversity)	22	18	16	23	12	11	7	14	17	20		
Total	272	217	146	188	163	83	62	156	148	381		