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電子資料

尾瀬の冰雪藻

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表 S1：尾瀬の彩雪から報告された微細藻類。

Taxon	Reference
Cyanobacteria (シアノバクテリア)	1,2
<i>Aphanocapsa nivalis</i> Lagerheim	1,2
<i>Oscillatoria</i> sp.	1
<i>Phormidium</i> sp.	1–3
<i>Romeria elegans</i> var. <i>nivicola</i> E. Kol	2,4
[= <i>Romeria nivicola</i> (E. Kol) O. & J. Komárek]	
Euglenoids (ユーグレナ類)	
<i>Euglena</i> sp.	1
Diatoms (珪藻)	
<i>Diatoma hyemalis</i> ('hyemale') (Roth) Heiberg	1,2,5
[= <i>Odontidium hyemale</i> (Roth) Kützing]	
<i>Diploneis</i> sp.	3
<i>Frustulia rhomboides</i> (Ehrenberg) De Toni	2
<i>Gonphonema subtile</i> Ehrenberg	1–3
<i>Hantzschia amphioxys</i> (Ehrenberg) Grunow	1,2
<i>Navicula pupula</i> var. <i>rectangularis</i> (W. Gregory) Cleve & Grunow	2,6
[= <i>Sellaphora rectangularis</i> (W. Gregory) Lange-Bertalot & Metzeltin]	
<i>Navicula</i> sp.	3
<i>Nitzschia palea</i> (Kützing) W. Smith	1
<i>Pinnularia gibba</i> var. <i>peckii</i> (G. Rabenhorst) Mayer	1–3
<i>Pinnularia viridis</i> (Nitzsch) Ehrenberg	2
<i>Rhoicosphenia curvata</i> (Kützing) Grunow	1,2
Green algae (緑藻)	
<i>Ancylonema</i> sp.	1
<i>Carteria miwae</i> Fukushima	2,7
[= <i>Chloromonas miwae</i> (Fukushima) Muramoto et al.]	
<i>Chlamydomonas bolyaiana</i> E. Kol sensu Fukushima 1963 (= <i>Chlainomonas</i> sp.)	2, this study
<i>Chlamydomonas nivalis</i> var. <i>kobayashii</i> Fukushima (see <i>Sanguina nivaloides</i>)	1–3
<i>Chloromonas fukushimae</i> Matsuzaki & Nozaki	8
<i>Chloromonas muramotoi</i> Matsuzaki et al.	this study
<i>Chodatella brevispina</i> F.E. Fritsch (= <i>Chloromonas</i> sp.)	1–3,9, this study
<i>Chloromonas</i> spp.	this study
<i>Chodatia tetrallantoidea</i> E. Kol [= <i>Deuterostichococcus tetrallantoidea</i> (E. Kol) Pröschold & Darienko]	1,10

<i>Oocystis lacustris</i> f. <i>nivalis</i> F.E. Fritsch (= <i>Chloromonas</i> sp.)	1,2, this study
<i>Raphidonema nivale</i> Lagerheim	1–3
<i>Raphidonema tatrae</i> (E. Kol) E. Kol	1–3
<i>Sanguina nivaloides</i> Procházková, Leya & Nedbalová	this study
<i>Scotiella</i> sp.	1,3
<i>Scotiella nivalis</i> (Chodat) F.E. Fritsch (= <i>Chloromonas</i> sp.)	1–3,9, this study
<i>Ulothrix tenerrima</i> Kützing	2
<i>Ulothrix</i> sp.	1–3
<i>Stichococcus bacillaris</i> Nägeli	2
Golden algae (黄金色藻)	
<i>Ochromonas smithii</i> Fukushima	2, this study

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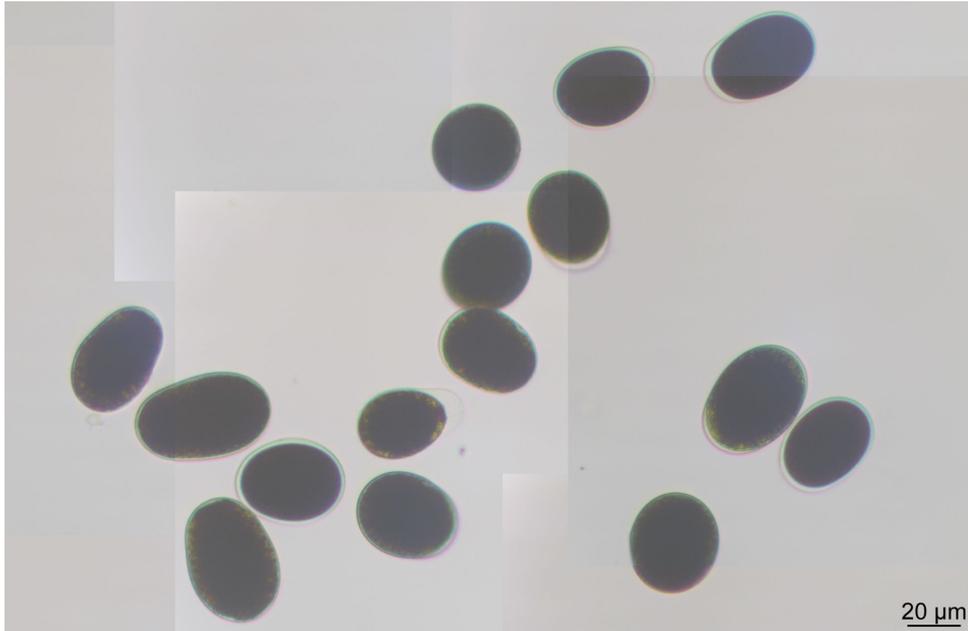


図 S1 : DNA 抽出に供した, *Chlainomonas* sp. の栄養細胞と推定される尾瀬産の細胞. 分割撮影した複数の写真を 1 枚に結合した.

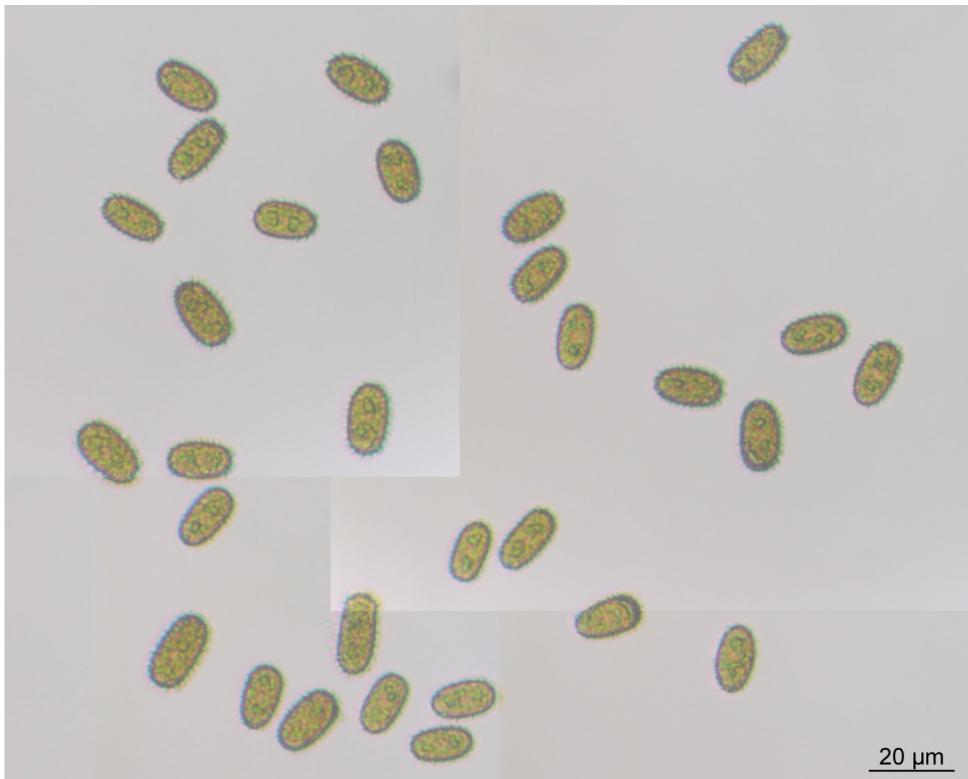


図 S2 : DNA 抽出に供した, *Chodatella brevispina* (= *Chloromonas* のシスト) と推定される尾瀬産の細胞. 分割撮影した複数の写真を 1 枚に結合した.

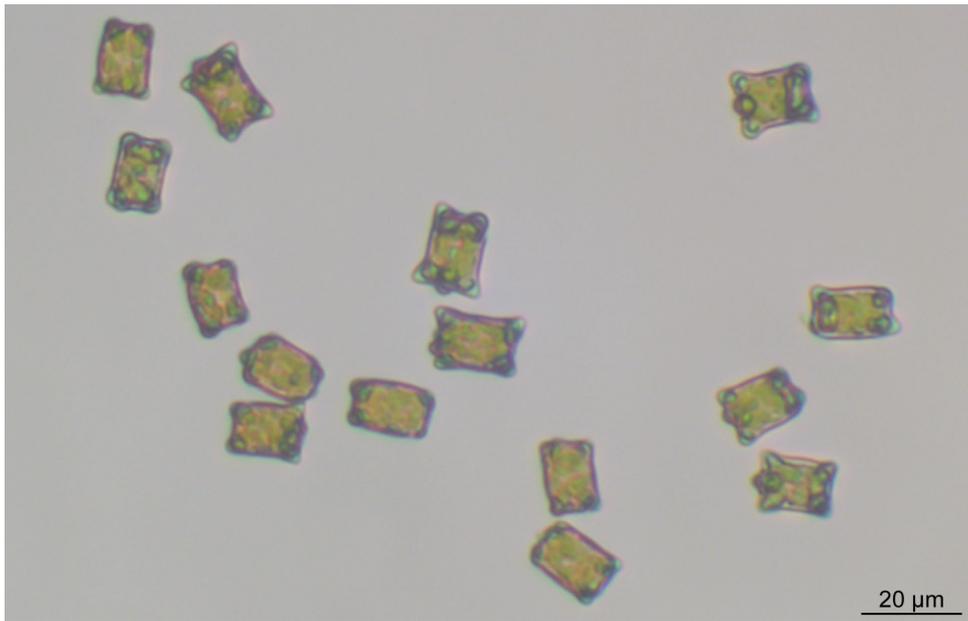


図 S3 : DNA 抽出に供した, *Oocystis lacustris* f. *nivalis* のシストと推定される尾瀬産の細胞.

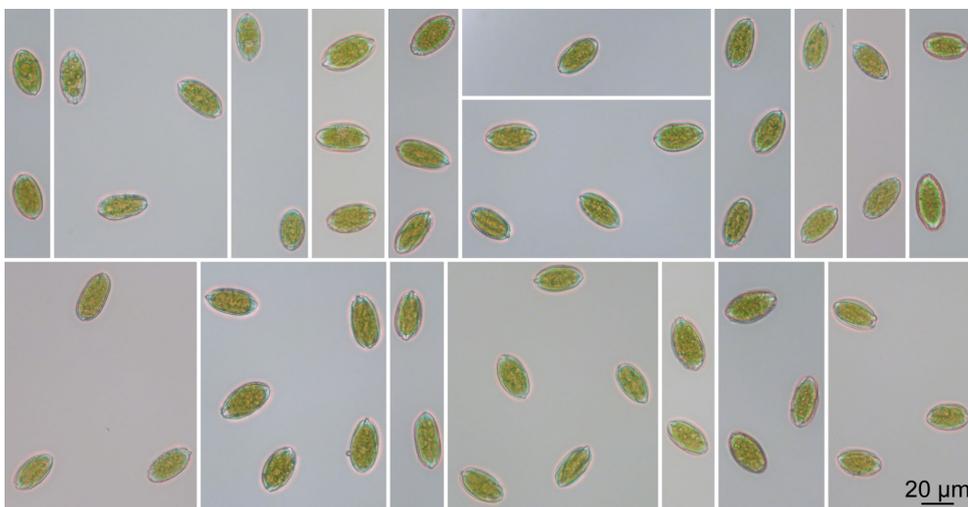


図 S4 : DNA 抽出に供した, *Scotiella nivalis* (= *Chloromonas* のシスト) と推定される尾瀬産の細胞. 写真はすべて等倍率.

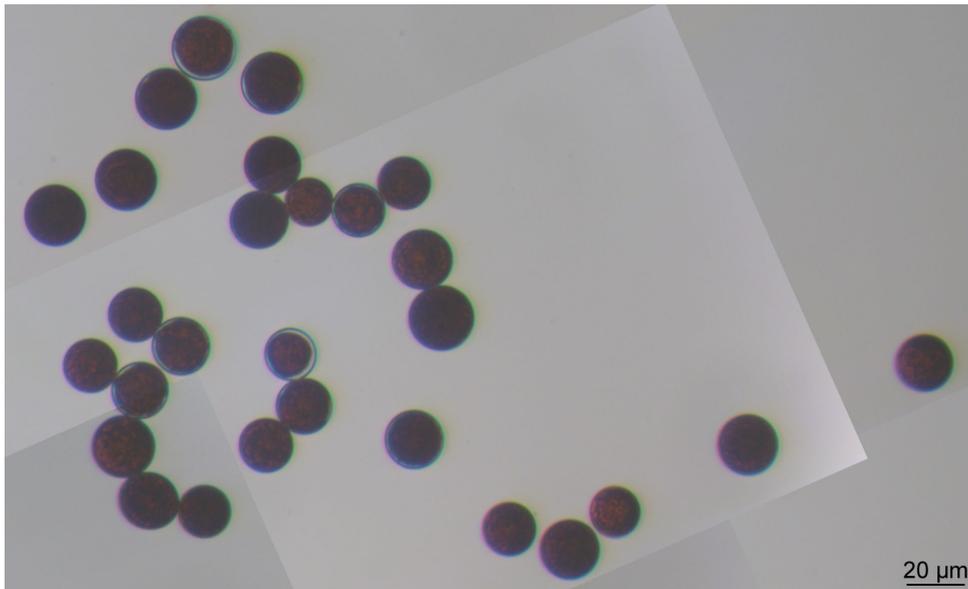


図 S5 : DNA 抽出に供した, *Sanguina nivaloides* のシストと推定される尾瀬産の細胞. 分割撮影した複数の写真を 1 枚に結合した.