



Caption A. SEM. Flagella blue arrows, haptonema red arrow, outer layer scales green arrow, inner layer scales black arrow. B. TEM. Outer layer scales green arrow, inner layer scales black arrow. C. LM. Flagella blue arrows.

Operator Wenche Eikrem

Objective 40x

Type/Technique Light microscopy

Locality Vestfjorden Norway

Chrysochromulina leadbeateri

Phylum	Haptophyta
Class	Prymnesiophyceae
Genus	Chrysochromulina
Species	leadbeateri

Description

Sub- spherical cells with two chloroplasts, two flagella and a coiling haptonema. Two layers of scales cover the cells. Outer layer with upright rim and central cross. Inner layer with 4 concentric rings, radiating ribs and a central cross.

Morphometrics: Flagella slightly unequal 13-16 and 16-20 μm . Haptonema 13-24 μm . Outer and inner layer scales 0.3-0.4 μm .

Reference:

Distribution: Northern Norway

© All rights are reserved to the photographer and author.