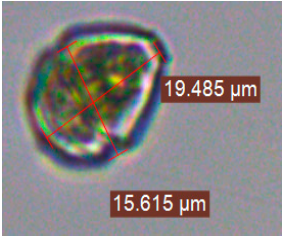
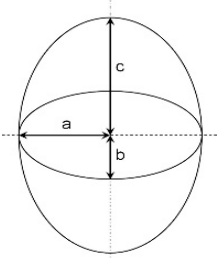
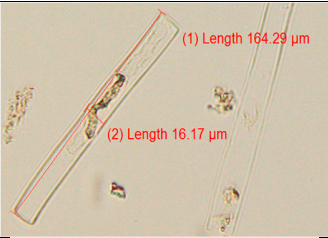
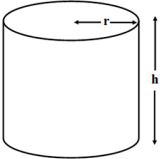
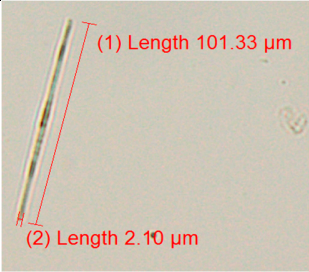

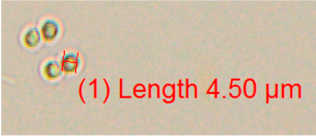
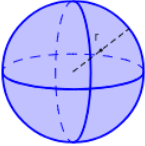
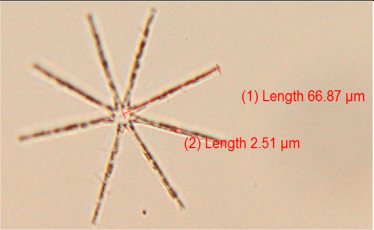


Supplementary Material:

Table S1. Five examples on how the cell biovolume of different taxa were estimated.

Taxon	Example Picture and Measurements under the Microscope	Formula for Estimation of Cell Volume
<i>Peridinium</i>		 $V = \frac{4 \cdot \pi}{3} \cdot a \cdot b \cdot c$
<i>Mougeotia</i>		$V = \pi r^2 h$ 
<i>Fragilaria</i>		 $V = \frac{\pi d^2 h}{6}$ <p>Elliptical Cone</p>
<i>Chroococcus</i>		 <p>Volume of Sphere</p> $= \frac{4}{3} \pi r^3$
<i>Asterionella</i>		$V = \pi r^2 h$ 