

Table 1. *Comparison of Chlamydomonas reinhardi* swimming speeds

Method	Microscope illumination	Swimming speed ( $\mu\text{m}/\text{sec}$ )
Direct recording	Red light	$58.7 \pm 8.0^a$
Counting technique	Red light	$57.0^b \pm 9.3$
Counting technique	Dark field	$56.8 \pm 7.3$

<sup>a</sup> S.E.

<sup>b</sup> Swimming speeds calculated from eq. (1). Based on counting 200 cells for eight 60-sec observations for each experiment. The cell conc was  $5.80 \times 10^5$  cells/ $\mu\text{m}^3$ .