Table 3. Maximum specific growth rates of microscopic Eukarya of a range of trophic modes; all aerobic. From [80–82]. Rates normalized to 20 °C assuming a Q_{10} of 2. Units of specific growth rate are increment of cell numbers per cell per second.

organism and trophic mode	specific growth rate ($\times 10^6\ s^{-1}$)
Osmochemoorganotroph *Achlya bisexualis* (oomycete)	170
Phagochemoorganotroph *Tetrahymena geleii* (ciliate)	88
Chemophagotroph *Paraphysomonas imperforata* (Chrysophyceae)	69
Photophagotroph *Ochromonas* sp. (Chrysophyceae)	32
Photolithotroph *Dinobryon divergens* (Chrysophyceae) (*D. divergens* usually grows photophagotrophically)	12
Photoosmotroph *Chlorella regularis* (Trebouxiophyceae)	40
Photolithotroph *Chlorella regularis* (Trebouxiophyceae)	27
Photolithotroph *Chaetoceros salsugineum* (Bacillariophyceae)	75

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