

TABLE 3

DATA ON DNA CONTENT, CELL VOLUME AND MINIMUM DOUBLING TIME FOR TWELVE SPECIES OF CILIATES (except where noted, all data are original or were taken from our previous paper [Taylor and Shuter 1981]).

SPECIES	Cell Volume (μ^3)	G ₁ NUCLEAR DNA CONTENT		Minimum Doubling Time (h @ 23° C)
		Macro- nucleus (pgm)	Micro- nucleus (pgm)	
a. <i>Tetrahymena pyriformis</i> GL	27,380	16.9
b. <i>Cyclidium glaucoma</i>	2,795	.86	.12	7.0
c. <i>Glaucoma scintillans</i>	23,883	22.6	.28	3.2
d. <i>Colpidium campylum</i>	26,842	23.3	.53*	3.3
e. <i>Paramecium trichium</i>	66,264	59.5	3.23	9.7
f. <i>Colpidium colpoda</i>	76,123	62.0	1.15	6.8
g. <i>Paramecium caudatum</i>	514,769	310.0	17.5	10.2
h. <i>Didinium nasutum</i>	1,300,000	633.0	2.1	7.7
i. <i>Glaucoma frontata</i>	171,585	121.8	2.1	6.7
j. <i>Halteria grandinella</i>	17,736	28.5	.91	7.8
k. <i>Paramecium bursaria</i>	123,572	77.9**	7.5**	16.6
l. <i>Tetrahymena pyriformis</i>	17,067	10.7†	.41†	4.3

* Ratio of macro- to micronuclear DNA from Morat (1970).

** Macro- and micronuclear DNA content from Cullis (1973).

† Macro- and micronuclear DNA content from Gibson and Martin (1971).