

**Table 9.1.** Distribution of cells in the embryonic lineages of *Caenorhabditis elegans*

Founder cells	AB	MS	E	C	D	P <sub>4</sub>
Hypodermis	72 (4)	—	—	13	—	—
Nervous system						
neurons*	200 (78)	—	—	2 (1)	—	—
support cells	40	6	—	—	—	—
Body mesoderm						
muscles	1	28 (2)	—	32	20	—
excret. syst.	4	—	—	—	—	—
other	—	6 (1)	—	—	—	—
Alimentary tract						
arcade	9 (1)	—	—	—	—	—
pharynx	49 (15)	31 (9)	—	—	—	—
p/i valve	—	6	—	—	—	—
intestine	—	—	20	—	—	—
i/r valve	2	—	—	—	—	—
rectum	9	—	—	—	—	—
muscle	3	1 (1)	—	—	—	—
Gonad						
somatic	—	2 (1)	—	—	—	—
germ line	—	—	—	—	—	2
Total surviving	389	80	20	47	20	2 = 558
Cell deaths†	98	14	—	1	—	— = 113
Total cells produced	487	94	20	48	20	2 = 671

\*Data for hermaphrodite, in males 2 more neurons survive.

†Total of figures in parentheses.