

TABLE II  
*Areas of Mitochondrial Envelope and Endoplasmic Reticulum Membrane*

	All peripheral cells	P-1	P-2	P-3,4	All midzonal cells	C-3,4	C-2	C-1	All central cells
$\mu^2$ Mitochondrial envelope									
$\mu^3$ Mitochondria (Standard error)	7.64 (0.15)	7.49 (0.25)	7.74 (0.34)	7.72 (0.22)	8.96 (0.49)	10.6 (0.4)	13.1 (0.5)	14.6 (0.5)	12.8 (0.4)
$\mu^2$ Endoplasmic reticulum									
$\mu^4$ Cytoplasm									
Smooth surfaced (Standard error)	2.06 (0.12)	2.12 (0.20)	1.83 (0.17)	2.18 (0.22)	2.22 (0.17)	2.51 (0.22)	2.70 (0.17)	3.33 (0.22)	2.82 (0.13)
Rough surfaced (Standard error)	3.25 (0.15)	3.26 (0.26)	2.93 (0.22)	3.51 (0.25)	3.32 (0.13)	3.61 (0.29)	3.64 (0.32)	3.49 (0.20)	3.49 (0.16)
Total intersections counted									
Mitochondrial envelope	8294	2989	2374	2931	8967	2475	3186	3650	9311
Smooth endoplasmic reticulum	11223	4522	2810	3891	12277	3894	5056	6968	15918
Rough endoplasmic reticulum	17762	6931	4517	6314	18330	5519	6834	7276	19629