

TABLE V
Characteristics of the Average Mitochondrion

	Periph- eral cells	Midzonal cells	Central cells
Volume (μ^3)			
Total	0.954	0.752	0.411
Envelope	0.131	0.121	0.094
Cristae	0.243	0.207	0.102
Matrix	0.580	0.424	0.215
Membrane area (μ^2)			
Envelope	7.3	6.7	5.3
Cristae*	30.6	27.4	14.9
Approximate number			
of dense granules	110	77	55

* These figures, which are obtained by multiplying the measured cristae area per unit volume by the average volume per mitochondrion, have been further increased by 50% to correct for the effect of oblique sectioning on the observability of membrane profiles (51).