Table 8.1. Cellular content of individual epidermal columns in stacked epidermis, values per surface corneccyte in non-stacked epidermis, and the relationship between epidermal cell production rates and ordered epidermal structure

	Mouse dorsum	Hairless mouse dorsum	Mouse ear	Mouse foot	Mouse tail	Guinea pig ear	Human
Basal cells/EPU ^a	10.61	111	10-115, 9,32	14.12	251		20-281
Keratocytes/EPUa, b	3.0⁴	3.54	35, 15.32	35.72, 124	5-64	-	~51
Corneocytes/EPUa, b	64	74	6-85, 10 ²	$37^2, 40^4$	324	_	10-281
Total epidermal cells/EPUa	~ 201,4	~ 211,4	$\sim 20^5, 25.3^2$	72.72, 524	~801,4		35-601
Proliferative cells/EPU ^a	10.6 ¹	11 ¹	9.71	201	251	_	20-281
Cell production rate/EPU/daya	1.31	2.41	$1.0^{1}, 0.6^{3}$	1.7^3 , 6.7^1	4.1 ¹	1.0⁵	2.6^{1}
Observed transit time (days)	91	4-51	11-241, 20-243	$6-7^3$, 7^1	91	12-143	13.51
Labelled cells/EPUa	$\sim 0.4^{1}$	~0.41	$1^4, 0.48^2$	3.81 ²	_	_	_
Organization	Stacked	Stacked in places	Stacked	Non-stacked	Stacked with maximal overlap	Stacked in places	Stacked in place

Potten (1975b) from a review of the literature.
 Allen and Potten (1976b).

Christophers (1972a).
 Allen and Potten (1974a).

^{3.} Christophers et al. (1974).

⁽a) or per surface corneocyte in non-stacked epidermis;
(b) where no actual counts/EPU or surface corneocyte are available, inferred from measurements of the number of layers in the respective compartment.