Appendix I - Measurements obtained from the corneal layers' samples of *Nyctidromus albicollis* bird species, with the means and standard deviation of each layer. Values given in micrometers.

	Cornea Full Thickness		Epithelium		Bowman's Layer		Estroma		Descemet's Layer	
	Central	Peripherical	Central	Peripherical	Central	Peripherical	Central	Peripherical	Central	Peripherical
N. albicollis A	164	199	10	7	3,62	3,9	126,5	189	1,23	1,26
N. albicollis B	182	-	9	-	2,35	-	163,4	-	2,43	-
N. albicollis C	157	157	11	7	5,25	3,96	133,68	144,33	1,79	1,1
N. albicollis D	133	135	10	5	3,71	3,59	113,72	111,76	0,98	1,26
N. albicollis E	126	126	9	7	2,11	2,96	117,29	114,1	1,77	1,49
N. albicollis F	162	156	9	10	2,96	3,19	143,7	148,66	3,23	2,5
N. albicollis G	162	145	7	7	1,98	5,15	146,58	127,89	4,23	2,47
N. albicollis H	113	155	11	5	1,98	1,31	101,64	153,5	1,1	1,78
N. albicollis I	75	78	7	7	1,87	2,5	62,35	58,93	1,1	2,02
N. albicollis J	188	192	19	18	4,2	5,06	158	165,84	3,96	3,04
Mean	146,2	149,222	10,2	8,111	3,003	3,513	126,686	134,89	2,182	1,88
Standard Deviation	34,505	35,846	3,392	3,982	1,153	1,210	29,973	37,578	1,226	0,674

Appendix II – Values corresponding to the group of 100 cells studied under scanning electron microscopy. Demonstrating the values of each cell area, the sum of the areas of all cells, the average cell area and cell density.

Cell area 1	306,31 µm²
Cell area 2	285,562 µm²
Cell area 3	310,322 µm²
Cell area 4	354,973 µm²
Cell area 5	397,908 µm²
Cell area 6	919,822 µm²
Cell area 7	376,097 µm²
Cell area 8	239,232 µm²
Cell area 9	281,962 µm²
Cell area 10	273,56 µm²
Cell area 11	255,11 µm²
Cell area 12	286,934 µm²
Cell area 13	427,092 µm²
Cell area 14	355,487 µm²
Cell area 15	305,213 µm²
Cell area 16	416,804 µm²
Cell area 17	339,369 µm²
Cell area 18	338,786 µm²
Cell area 19	284,979 µm²
Cell area 20	284,979 µm²
Cell area 21	235,562 µm²
Cell area 22	330,864 µm²
Cell area 23	312,277 µm²
Cell area 24	300,171 µm²
Cell area 25	343,793 µm²
Cell area 26	351,852 µm²
Cell area 27	288,409 µm²
Cell area 28	291,392 µm²
Cell area 29	305,418 µm²
Cell area 30	279,15 µm²
Cell area 31	345,37 µm²
Cell area 32	300,926 µm²
Cell area 33	299,588 µm²
Cell area 34	324,52 µm²
Cell area 35	350,24 µm²
Cell area 36	275,754 µm²
Cell area 37	370,85 µm²
Cell area 38	352,675 µm²

Cell area 39	338,443 µm²
Cell area 40	306,413 µm²
Cell area 41	306,413 µm²
Cell area 42	304,458 µm²
Cell area 43	329,767 µm²
Cell area 44	315,501 µm²
Cell area 45	345,679 µm²
Cell area 46	295,508 µm²
Cell area 47	346,022 µm²
Cell area 48	326,543 µm²
Cell area 49	392,593 µm²
Cell area 50	311,111 µm²
Cell area 51	284,225 µm²
Cell area 52	840,021 µm²
Cell area 53	366,221 µm²
Cell area 54	282,236 µm²
Cell area 55	319,067 µm²
Cell area 56	415,775 µm²
Cell area 57	345,062 µm²
Cell area 58	295,37 µm²
Cell area 59	361,523 µm²
Cell area 60	344,067 µm²
Cell area 61	320,027 µm²
Cell area 62	352,229 µm²
Cell area 63	279,15 µm²
Cell area 64	259,225 µm²
Cell area 65	310,768 µm²
Cell area 66	296,502 µm²
Cell area 67	210,082 µm²
Cell area 68	291,529 µm²
Cell area 69	291,529 µm²
Cell area 70	298,491 µm²
Cell area 71	266,049 µm²
Cell area 72	282,613 µm²
Cell area 73	311,488 µm²
Cell area 74	307,853 µm²
Cell area 75	313,34 µm²
Cell area 76	278,669 µm²
Cell area 77	313,889 µm²
Cell area 78	298,765 µm²
Cell area 79	333,23 µm²

Cell area 80	328,807 µm²
Cell area 81	368,553 µm²
Cell area 82	691,701 µm²
Cell area 83	322,428 µm²
Cell area 84	184,122 µm²
Cell area 85	264,815 µm²
Cell area 86	318,519 µm²
Cell area 87	308,985 µm²
Cell area 88	332,785 µm²
Cell area 89	334,568 µm²
Cell area 90	257,545 µm²
Cell area 91	286,008 µm²
Cell area 92	322,874 µm²
Cell area 93	297,84 µm²
Cell area 94	307,236 µm²
Cell area 95	319,856 µm²
Cell area 96	311,831 µm²
Cell area 97	350,857 µm²
Cell area 98	349,691 µm²
Cell area 99	320,13 µm²
Cell area 100	307,956 µm²
Total cell area	32973,865 µm²
Total cell area	0,032973865 mm²
Average cell area	311,6595 µm²
Area standard deviation	95,86349212
Cell density¶	3.032,70 cell/mm²

¶ Cell density was obtained by dividing the evaluated number of cells (100 cells) by the total area occupied by cells in millimeters (0.0329 mm²).