

Bogusław Barabasz, Stanisław Łapiński, Michał Grembowicz

The relationship between phenotypic parameters, body weight and skin size of chinchillas

Summary

The aim of this study was to investigate the relationships between the selected phenotypic parameters of chinchillas, and the size parameters of skin obtained after pelting. Based on the conducted measurements it was agreed that chinchillas' weight was positively correlated with length ($r=0.636$; $P<0.001$) and the surface of the skin ($r=0.796$; $P<0.001$). Body length was directly proportional correlated with all of the analyzed parameters of the skin with an average relation between these traits ($0.222\leq r\leq 0.351$). The width of the ear was positively correlated with the surface of the skin ($r=0.311$; $P=0.002$).