

Histological Gastric Structure of Badger (*Meles meles*)

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The aim of this study was to investigate histologically the stomach of a male badger (*Meles meles*) which was found on the road after car accident and to compare it with another carnivorous animals as dog, fox, wolf, jackal, bear, cat and tiger. In carnivores, for comparison aspect as nomenclature prescription, the mucosal layer of the stomach has a collagen like membrane layer - *stratum compactum mucosae*, just under the funduses of the glands. Previously it was called - *lamina subglandularis*, and its thickness in mature animals varies between 15-40 μm . Actually the layer in badger stomach was not presented in observed slides although the animal belongs to carnivorous order. It is similar situation as in animals of canine family unlike of animals from feline family which usually have layer - *stratum compactum mucosae*, between bottom of the glands and muscular mucosal lamina.

Key words: histology, carnivorous, badger, stomach