

The Papillae.

1. The mucosa has numerous minute lingual papillae:
 - (1) the filiform papillae, the narrowest and most numerous; Filiform Papillae
 - = plush of tongue
 - Parallel rows
 - Primary columnar elevation of lamina propria
 - 5 – 30 tall secondary papillae
 - Epithelium over papillae – end in tapered points
 - Hard & scaly (not cornified)
 - FILIFORM PAPIILLAE OF THE TONGUE Stained with H&E
 - 1 - epithelium covering papilla (stratified squamous keratinizing)
 - 2 - keratinized layer of the epithelium
 - 3 - core of the papilla (lamina propria of the mucosa of dorsal surface of the tongue)
 - 4 - tongue muscles
2. 6. (2) Fungiform Papillae the fungiform papillae, with rounded heads and containing taste buds Knob-like Scattered, single, among filiform papillae Larger & fewer than filiform papillae Narrow stalk, rounded top Size: 1.8 mm. high; 1 mm. Has 1 to several taste buds Fungiform Papillae Stained with H&E
 - 1 - epithelium covering papilla (stratified squamous nonkeratinizing)
 - 2 - core of the papilla (lamina propria of the mucosa of dorsal surface of the tongue)
 - 3 - taste buds.



