

## REFERENCES

- ALA-org. (2020). *Petaurus breviceps*: Sugar Glider | Atlas of Living Australia. <https://bie.ala.org.au/species/urn%3Aalsid%3Abiodiversity.org.au%3Aafd.taxon%3A6283eecd-acce-43d3-8c41-9c01eb610304>
- Bradbury, J. (2004). Taste perception: Cracking the code. *PLoS Biology*, 2(3), 295–297. <https://doi.org/10.1371/journal.pbio.0020064>
- Cheville, N. F., & Stasko, J. (2014). Techniques in Electron Microscopy of Animal Tissue. *Veterinary Pathology*, 51(1), 28–41. <https://doi.org/10.1177/0300985813505114>
- Dawes, C., Pedersen, A. M. L., Villa, A., Ekström, J., Proctor, G. B., Vissink, A., Aframian, D., McGowan, R., Aliko, A., Narayana, N., Sia, Y. W., Joshi, R. K., Jensen, S. B., Kerr, A. R., & Wolff, A. (2015). The functions of human saliva: A review sponsored by the World Workshop on Oral Medicine VI. *Archives of Oral Biology*, 60(6), 863–874. <https://doi.org/10.1016/j.archoralbio.2015.03.004>
- Dyce, K., Sack, W., & Wensing, C. (2009). Textbook of Veterinary Anatomy. In *Journal of Equine Veterinary Science* (4th ed., Vol. 7, Issue 5). Saunders Elsevier. [https://doi.org/10.1016/s0737-0806\(87\)80052-7](https://doi.org/10.1016/s0737-0806(87)80052-7)
- Emura, S., Hayakawa, D., Chen, H., & Shoumura, S. (2002). Morphology of the dorsal lingual papillae in the Japanese macaque and savanna monkey. *Anatomia, Histologia, Embryologia*, 31(5), 313–316. <https://doi.org/10.1046/j.1439-0264.2002.00378.x>
- Emura, Shoichi, Okumura, T., & Chen, H. (2014). Morphology of the lingual papillae in the brush-tailed rat kangaroo. *Okajimas Folia Anatomica Japonica*, 90(4), 85–88. <https://doi.org/10.2535/ofaj.90.79>
- Emura, Shoichi, Sugiyama, K., & Kusuda, S. (2017). Morphology of the lingual papillae of the polar bear (*Ursus maritimus*). *Okajimas Folia Anatomica Japonica*, 94(2), 55–59. <https://doi.org/10.2535/ofaj.94.55>
- Fischer, E., Hansen, B., Nair, V., Hoyt, F., & Dorward, D. (2013). Scanning Electron Microscopy. *Curr Protoc Microbiol*, 4, 1–76. <https://doi.org/10.1002/9780471729259.mc02b02s25>
- Gunawan, G., Saragih, G. R., Umardani, Y., Karnati, S., Wihadmadyatami, H., & Kusindarta, D. L. (2019). Morphological study of the lingual papillae in the fruit bat (*Rousettus amplexicaudatus*) by scanning electron microscopy and light microscopy. *Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia*, June, 1–11. <https://doi.org/10.1111/ahe.12509>

- Haddao, K. M., & Yasear, A. Y. (2018). Weber's salivary glands of rabbit: Histological and histochemical studies. *Biochemical and Cellular Archives*, 18(1), 557–560.
- Hugh, C. T. (2005). *Life of Marsupials*. CSIRO PUBLISHING. <https://books.google.co.id/books?id=gDFeNMhJIPUC&pg=PA412&lpg=PA412&dq=Sadler,+L.M.,+Ward,+S.J.,+1999.+Coalitions+in+male+sugar+gliders:+are+they+natural?+J.+Zool+248:91-96.+journal&source=bl&ots=e7j-PHhorl&sig=ACfU3U2s3eZIQZxLPxQa5GBdpZxgOTkHhQ&hl=en&sa=>
- Iwasaki, S. ichi, Yoshimura, K., Shindo, J., & Kageyama, I. (2019). Comparative morphology of the primate tongue. *Annals of Anatomy*, 223, 19–31. <https://doi.org/10.1016/j.aanat.2019.01.008>
- Jackowiak, H., & Godynicki, S. (2007). Light and scanning electron microscopic study on the structure of the lingual papillae of the feathertail glider (*Acrobates pygmeus*, Burramyidae, Marsupialia). *Anatomical Record*, 290, 1355–1365. <https://doi.org/10.1002/ar.20606>
- JEOL. (2006). *Scanning Electron Microscope A to Z: Basic Knowledge For Using The SEM*. [https://www.jeol.co.jp/en/applications/pdf/sm/sem\\_atoz\\_all.pdf](https://www.jeol.co.jp/en/applications/pdf/sm/sem_atoz_all.pdf)
- Khursheed, A. (2010). Scanning electron microscope optics and spectrometers. In *Scanning Electron Microscope Optics and Spectrometers*. World Scientific Publishing Co. <https://doi.org/10.1142/7094>
- Kobayashi, K., Kumakura, M., Yoshimura, K., Nonaka, K., Murayama, T., & Henneberg, M. (2003). Comparative morphological study of the lingual papillae and their connective tissue cores of the koala. *Anatomy and Embryology*, 206(4), 247–254. <https://doi.org/10.1007/s00429-002-0296-z>
- Krause, W. J., & Cutts, J. H. (1982). Morphological observations on the papillae of the opossum tongue. *Acta Anatomica*, 113(2), 159–168. <https://doi.org/10.1159/000145551>
- Kubota, K., & Iwamoto, M. (1967). *Comparative Anatomical and Neurohistological Observations on the Tongue of Slow Loris (Nycticebus coucung)*. 158(2), 163–175. <https://doi.org/10.1002/ar.1091580206>
- Kuru, N., Çınar, K., Demirbag, E., & Ilgün, R. (2017). Histological and histochemical structure of lingual salivary glands in mole rat (*Spalax leucodon*). *Indian Journal of Animal Research*, 51(2), 252–255. <https://doi.org/10.18805/ijar.v0iOF.4546>
- Lim, S. J., & Lee, C. H. (2008). Analysis of probe current in scanning electron microscopy. *2008 International Conference on Control, Automation and*

*Systems*, *ICCAS* 2008, 1200–1203.  
<https://doi.org/10.1109/ICCAS.2008.4694330>

Lindenmayer, D. (2002). *Gliders of Australia: A Natural History* -. UNSW Press.  
[https://books.google.co.id/books?hl=en&lr=&id=\\_uVkCyspttGC&oi=fnd&pg=PR7&dq=electron+scanning+microscope+of+petaurus+tongue&ots=yDIDoB5hfa&sig=tQwf659UlvvgEuny8goMY-rBcs&redir\\_esc=y#v=onepage&q=electron scanning microscope of petaurus tongue&f=false](https://books.google.co.id/books?hl=en&lr=&id=_uVkCyspttGC&oi=fnd&pg=PR7&dq=electron+scanning+microscope+of+petaurus+tongue&ots=yDIDoB5hfa&sig=tQwf659UlvvgEuny8goMY-rBcs&redir_esc=y#v=onepage&q=electron%20scanning%20microscope%20of%20petaurus%20tongue&f=false)

Miller, I. J. (1974). *Branched Chorda Tympani Neurons and Interactions among Taste Receptors*. 158(2), 155–166. <https://doi.org/10.1002/cne.901580204>

Mistretta, C., Goosens, K., Farinas, I., & Reichardt, L. (1999). Alterations in Size, Number, and Morphology of Gustatory Papillae and Taste Buds in BDNF Null Mutant Mice Demonstrate Neural Dependence of Developing Taste Organs. *J Comp Neurol*, 409(1), 13–24. <https://doi.org/10.1038/jid.2014.371>

Nagato, T., Ren, X. Z., Toh, H., & Tandler, B. (1997). Ultrastructure of Weber's salivary glands of the root of the tongue in the rat. *Anatomical Record*, 249(4), 435–440. [https://doi.org/10.1002/\(SICI\)1097-0185\(199712\)249:4<435::AID-AR2>3.0.CO;2-Q](https://doi.org/10.1002/(SICI)1097-0185(199712)249:4<435::AID-AR2>3.0.CO;2-Q)

Nogueira, J. C., & Carvalho, A. D. v. (1973). Histochemistry of the Mucins in the Posterior Lingual Salivary Glands of Some Mammals . *Rev Bras Pesqui Med Biol*, 6(5), 267–274. <https://pubmed.ncbi.nlm.nih.gov/4272722/>

Okada, H., Suemitsu, M., Kanno, T., Tamamura, R., Kuyama, K., Murakami, H., Kato, T., Wakamatsu, Y., & Suzuki, K. (2013). Morphological features of the posterior lingual glands in the gray short-tailed opossums (*Monodelphis domestica*). *Journal of Hard Tissue Biology*, 22(4), 489–492. <https://doi.org/10.2485/jhtb.22.489>

Reginato, G. D. S., Bolina, C. D. S., Watanabe, I. S., & Ciena, A. P. (2014). Three-dimensional aspects of the lingual papillae and their connective tissue cores in the tongue of rats: A scanning electron microscope study. *Scientific World Journal*, 2014. <https://doi.org/10.1155/2014/841879>

Roper, S. D., & Chaudhari, N. (2017). Taste buds: cells, signals and synapses. *Physiology & Behavior*, 18(8), 485–497. <https://doi.org/10.1038/nrn.2017.68>

Salas, L., Dickman, C., Helgen, K., Winter, J., Ellis, M., Denny, M., Woinarski, J., Lunney, D., Oakwood, M., Menkhorst, P., & Strahan, R. (2016). *Petaurus breviceps* (Sugar Glider). <https://www.iucnredlist.org/species/16731/21959798>

- Shindo, J., Yoshimura, K., & Kobayashi, K. (2006). Comparative morphological study on the stereo-structure of the lingual papillae and their connective tissue cores of the American beaver (*Castor canadensis*). *Okajimas Folia Anatomica Japonica*, 82(4), 127–138. <https://doi.org/10.2535/ofaj.82.127>
- Sisson, S. (1914). The anatomy of the domestic animals. In *The anatomy of the domestic animals*. (2nd ed.). W.B. Saunders Company. <https://doi.org/10.5962/bhl.title.68343>
- Smith, M. J. (2019). *American Society of Mammalogists : Mammalian Species, No. 30, Petaurus breviceps*. 21(173), 1–7.
- Suckling, G. C. (1984). Population ecology of the sugar glider, *Petaurus breviceps*, in a system of fragmented habitats. *Australian Wildlife Research*, 11(1), 49–75. <https://doi.org/10.1071/WR9840049>
- Suvarna, S. K., Layton, C., & Bancroft, John. D. (2013). *Bancroft's theory and practice of histological techniques* (J. Suvarna, S., Layton, Christopher., Bancroft, Ed.; 7th ed.). Churchill Livingstone Elsevier.
- Suvarna, S. K., Layton, C., & Bancroft, John. D. (2019). *Bancroft's Theory and Practice of Histological Techniques* (J. Suvarna, S., Layton, Christopher., Bancroft, Ed.; 8th ed.). ELSEVIER. [https://doi.org/10.1016/s0046-8177\(83\)80171-3](https://doi.org/10.1016/s0046-8177(83)80171-3)
- Vernon-Parry, K. D. (2000). Microscopy : An introduction. *III-Vs Review*, 13(4), 40–44.
- Wannaprasert, T. (2018). Morphological characteristics of the tongue and lingual papillae of the large bamboo rat (*Rhizomys sumatrensis*). *Anatomical Science International*, 93(3), 323–331. <https://doi.org/10.1007/s12565-017-0414-x>
- Worthen, D. M., & Wickham, M. G. (1972). *Scanning electron microscopy tissue preparation*. 11(3), 133–136. [iovs.arvojournals.org](http://iovs.arvojournals.org)
- Yamabayashi, S. (1987). Periodic acid - Schiff - Alcian Blue: A method for the differential staining of glycoproteins. *The Histochemical Journal*, 19, 565–571. <https://doi.org/10.1007/BF01687364>
- Yamasaki, F., Komatsu, S., & Kamiya, T. (1980). A comparative morphological study on the tongues of manatee and dugong (Sirenia). *Scientific Reports of the Whales Research Institute*, 32(32), 127–144.
- Yoshimura, K., Hama, N., Shindo, J., Kobayashi, K., & Kageyama, I. (2008). Light and scanning electron microscopic study on the lingual papillae and their connective tissue cores of the Cape hyrax (*Procavia capensis*). *Journal of Anatomy*, 213(5), 573–582. <https://doi.org/10.1111/j.1469-7580.2008.00969.x>



Zugibe, F. T. (1970). Positive periodic acid-Schiff staining of acid mucopolysaccharides. *The Histochemical Journal*, 2, 191–197. <https://doi.org/10.1007/BF01003468>