



Fig. S11. | The mandible and labrum anatomy of GRP and L-TRAP *Strumigenys* species. A) Mandibles and labrum of *Strumigenys margaritae*, a typical GRP *Strumigenys*. B) Mandibles and labrum of *Strumigenys cacaoensis*, a typical L-TRAP *Strumigenys*; abl — articulatory border of labrum, bm — basal margin, bmp — basal mandibular process/lamella, bpl — basal process pocket of labrum, dg — diastemmic gap, em — external margin, lbl — labral lobe/labral glossae, lbr — labrum, llp — lateral labral pocket, mcl — medium cleft of labrum, md — mandible, mda — basal border of mandibular articulations including dorsal and ventral musculature attachment swellings, mm — masticatory margin, msr — mechanosensory receptors. The dashed line in light blue illustrates the measurement of the “latch angle”, with lines drawn through the base of the apical tooth and the basal mandibular process of each mandible.