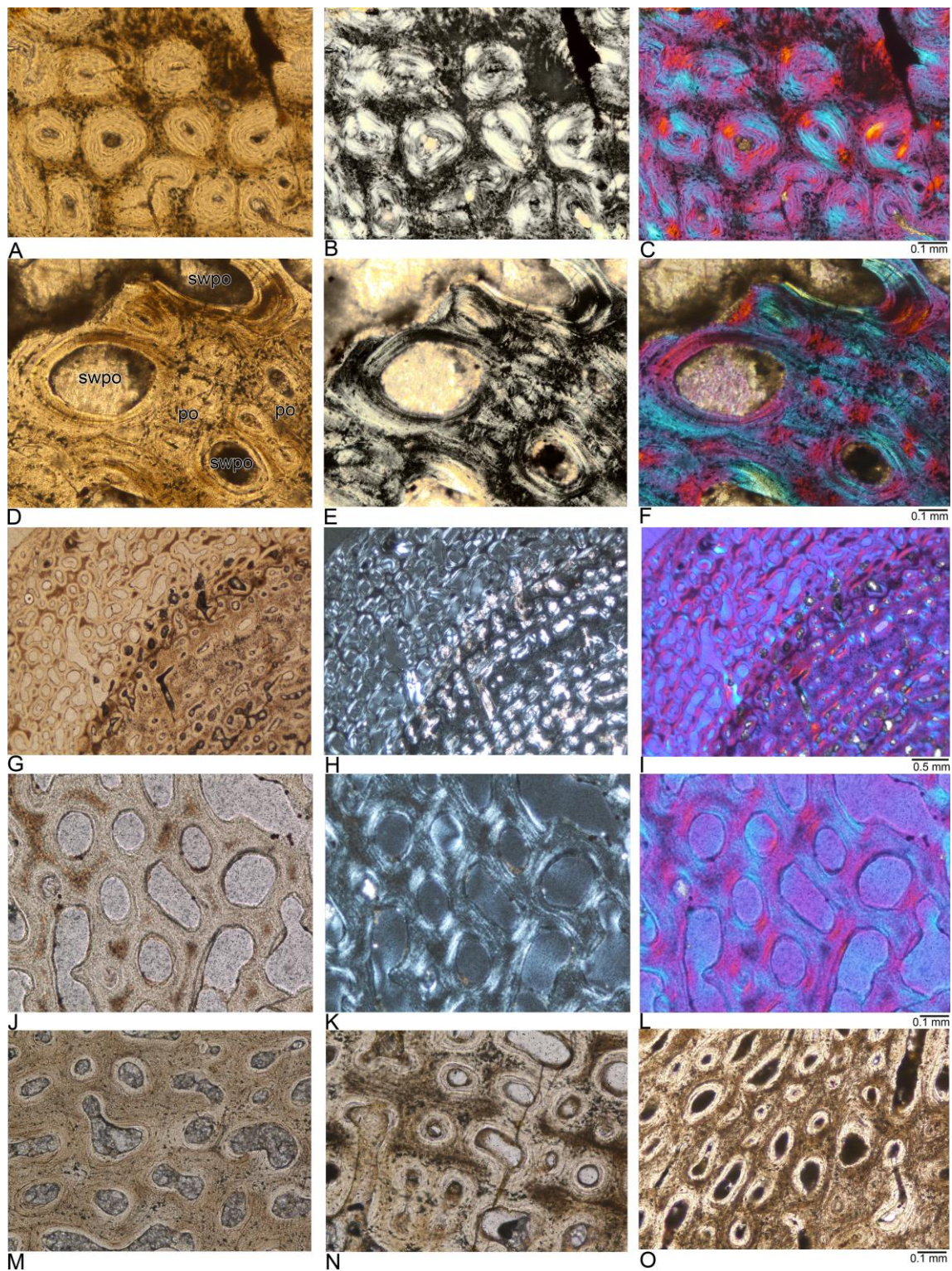


S6. Histological details of Placodontia



Histological details of Placodontia in normal (left), polarized (middle), and polarized with gypsum light (right). A-C, Primary osteons in humerus SMNS 59831 (Placodontia indet. aff. *Cyamodus*). Note the different appearance of primary osteons when compared to those figured in Suppl. Fig. 3G-I. D-F, Secondarily widened primary osteons in femur MB.R. 961 (Placodontia indet.). G-I, Outer ring of secondarily widened primary osteons in humerus SMNS 54569 (Placodontia indet. aff. *Cyamodus*). J-L, Enlargement of the same section. M, Secondarily widened primary osteons in humerus SMNS 15937, in humerus MHI 1096, and in humerus MHI 2112-6 (all Placodontia indet. aff. *Cyamodus*).