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*Supplement of*

## **Microanatomy and growth of the mesosaurs *Stereosternum tumidum* and *Brazilosaurus sanpauloensis* (Reptilia, Parareptilia)**

**Nicole Klein et al.**

*Correspondence to:* Nicole Klein (nklein@posteo.de)

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**Supplementary Figure 1.** Microscopic photographs of cross sections of rib samples of different individuals of the mesosaur *Stereosternum*. The variability of shapes of rib cross sections is due to different sampling location along the proximal to the median part of the rib shaft as well as due to different anatomical position along the trunk region. Proximal rib sample of BSPG 1975 I 165 in normal (a) and polarized light (b). Proximal rib sample of MB.R. 1988a in normal (c) and polarized light (d). Proximal rib sample of MB.R. 2891 in normal (e) and polarized light (f). Proximal to median rib sample of SMNK Pal 3808 in normal (g) and polarized light (h). Proximal sample of MB.R. 9165 in normal (i) and polarized light (j). Median sample of IGPB R 622 in normal (k) and polarized light (l). Proximal to median rib sample of IGPB R 623 in normal (m) and polarized light (n).

