## Ursus: The Latin word for 'bear' as an Indo-European heritage with Sabellic traits

Renouncing the unfounded phonological reconstruction of a phoneme \*/b/ (thorn) for the IE dialect continuum outside the Anatolian and Tocharian area, Lat. ursus 'bear' can be analysed as a loan-word of Sabellic origin like Latin lupus 'wolf', bos 'cow'. It represents an adaption of a word from the realm of the Umbrian and Sabine dialectal area, including the South Picene group as a colonial branch of Sabine, where early velar palatalizations are known to occur. Taking into account these circumstances, Lat. ursus turns out to be an adaption from an Umbro-Sabine paradigm with nom.sg. \*urs from Proto-Sabellic \*orks < \*orkos (Proto-Sabellic syncope of final syllable) going back to Proto-Italic \*ortkos (with later simplification of \*-rtk- > \*-rk- like in Lat. Mārcus < \*martko- from Mārs, Mārtis < \*mart-) and gen.sg. \*urš-es, dat.sg. urš-e < \*orč-ēs, \* $or\check{c}$ - $\bar{e}$  (Umbro-Sabine velar palatalization) < Proto-Sabellic \*ork- $e \square s$ , \*ork- $\bar{o} \square$ from a Proto-Italic stem \*ortko- (for the velar palatalization cf. Umbr. gen.sg.  $PUP\check{R}ICES = [pop\check{r}e\check{s}es], dat.sg. PUP\check{R}ICE = [pop\check{r}e\check{s}e] besides analogical PUP\check{R}IKES.$ PUPŘIKE from \*popliko-). Thus by Sabellic mediation Latin ursus 'bear' goes back to Proto-Italic \*ortko-. Considering the regular Italic representation \*oR- < \* $h_2 \supset R$ - < PIE \* $h_2 \square$ - corresponding to the default development of syllabic liquids in Italic, i.e. PIE  $*\Box = *\Box$ ,  $*\Box > *\jmath r$ ,  $*\jmath l >$  Italic  $*\sigma r$ ,  $*\sigma l$ , this form is the regular outcome of PIE \* $h_2\Box tko$ - 'bear' and provides a perfect match to Hittite hartagga-=/hartka-/, Ved.  $\Box ksa-$ , YAv. arša- (< Proto-Indo-Iranian \* $H\Box tša-$ < \* $H\Box tca$ - = \* $[H\Box tca$ -] by post-occlusive simplification of the affricate), Greek ἄρκτος (< Proto-Greek \*artko- by regular inner-Greek metathesis), OIr. art (< \*arto- = Gaul. personal name Artos < Proto-Celtic \*aryto- < \*arkto- < \*artkoby regular tautosyllabic metathesis in a pre-stage of Proto-Celtic).