

Word-hoard in Jars of Clay: σκεῦος, σκηνή, and an Obscure PIE Root

Andrew Merritt (am4556@georgetown.edu)

Department of Classics, Georgetown University

1) The Question of σκήνος and σκηνή

In his second extant letter to the Corinthians (5.1), Paul uses the phrase ἡ ἐπίγειος ἡμῶν οἰκία τοῦ σκήνουσ “our earthly dwelling of the tabernacle” in reference to the humble, lamentable, and transitory state of embodied existence in ultimate hope of a permanent spiritual home. Arising as it does from the conception that what makes the body live is something covered and contained, this expression with the substantive σκήνος n. ‘hut, tent’ relies on a sense shared by its more familiar relative σκηνή ‘tent, booth’. Putting these two sets of senses together, we may observe that at the interface with √σκην- were the notions of covering, containment, and applications relating to such actions. It is in light of this observation that we shall here address the question of the Proto-Indo-European root from which the preform of σκηνή and its arguably copious relatives, both within and beyond Greek, originated.

2) A Tent is Something Material

Despite Pokorny’s assignment of its family to a *skāi- (: skai- : skī-) ‘shimmer’ of its own dubitability (IEW: 917–918), σκηνή (Dor. σκανά), vaguely and non-committally associated with σκιά ‘shadow’ (Ved. *chāyā́-* ‘id.’, OCS *sěnb* ‘shadow’; v. GEW: 727–728; DELG²: 980–981; EDG: 1349), is etymologically unclear. There are two clear reasons for this uncertainty: (1) the derivational histories of the possible preforms of σκιά, namely *skh_xiéh₂- or *skih_xéh₂-, are obscure in their own right and distinct from that of σκηνή, which is comparable to words like φερ-νή ‘dowry’, and (2), whereas shadows are solely phenomenal, tents are material objects that do more than just appear.

3) The Word for ‘Shoe’ and the Hypothesis of *√(s)keh₂- ‘cover, contain’

This materiality lexico-semantically and arguable root-shape diachronically (i.e. σκη-) justify the connection of a Proto-Greek *skānā- with the Germanic word for ‘shoe’ (Goth. *skohs* m. ‘shoe’, ON *skór* ‘id.’, OE *scóh* ‘id.’, etc.), which Pokorny unacceptably assigns to what now would be represented as *√skeuh_x- ‘cover, envelop’ (: *(s)keu- : (s)keuə- : (s)kū- ‘bedecken, umhüllen’, IEW: 951–953; Latv. *skāūt* ‘embrace’ : ON *skjól* n. ‘shelter’ [*< *skéuh_x-lo-*] : OS *skūr* m. ‘shelter’, OHG *scūr* ‘lean-to’ < *skúh_x-ro-). Given its immediate preform *skóχα- (“No certain etymology”, Kroonen 2013: 446), the “shoe” word may in all likelihood reflect a *skóh_x-ko- or a *skéh₂-ko- comparable in form to the ancestor of Latvian *spēks* m. ‘force’ (: *spēt* ‘be able’, cf. Ved. *pīvaḥ-sphākā-* ‘swelling with fat’) and, in lexical semantic development, to Avestan *aōθra-* ‘shoe’ (: Lat. *induō* ‘put on’, *eu- ‘id.’, IEW: 346). As it turns out, there is abundant evidence for a *√(s)keh₂- of the meaning ‘cover, contain’.

4) *skeh₂-né-h₂- and *skéh₂-n-o/es-

Given the ease of explaining the Proto-Germanic *-ō- beside Proto-Greek *-ā- from *-eh₂- and the role of the suffix *-kó- in genitival and thus secondary derivation (v. Nussbaum 2009), it

is conceivable that *skóχα- reflects a *skéh₂-ko- formed by determinative accent retraction from an adjective in *-kó- derived from a root noun *skéh₂-/skh₂- ‘covering’ to *√(s)keh₂- ‘cover, contain’. This *skeh₂-kó- ‘of the covering; kind of covering’ would thus stand beside an imaginable *skeh₂-nó- basic to the determinate preforms of both σκηνή and σκῆνος, namely, *skeh₂-né-h₂- and *skéh₂-n-o/es- (cf. πηρός ‘disabled’ : Aeol. πᾶρος n. ‘weakness’ [Alc.98]). In terms of derivational semantics, *skeh₂-nó- could be based on a *-nó- verbal adjective – in which case its derivatives would have meant ‘the covered place, shelter’ – or the base could have been derived possessively from a *-men- stem (*skeh₂-(m)n-ó-) and thus have meant ‘provided with cover, covering’ (adj.). In any case, there is some evidence that a *-men- stem was indeed formed from *√(s)keh₂- ‘cover, contain’.

5) πῶμα ‘lid’, κῶμα ‘sleep’, and κημός ‘muzzle’

For the sake of etymology, we may note a certain resemblance between the totally obscure κῶμα ‘deep sleep’ and the more associable πῶμα ‘lid, cover’, the latter of which arguably reflects an *-ó/é- acrostic *-men- stem to *√peh₂- ‘cover, protect, care for’ (Nussbaum p.c.). In like manner, it is conceivable that *√(s)keh₂- formed a *nomen actionis* *kó/éh₂-μη ‘covering’ used to refer figuratively to the experience of being enveloped by sleep – an image arguably echoed by the use of κῶμα with καλύπτω in Homer (Ξ 359, σ 201). If this scenario is insufficiently credible, we are on firmer ground when it comes to κημός (Dor. κᾱμός) ‘muzzle’. Since muzzles are covers without a shadow of a doubt, it is appealing to assume a possessive *keh₂-m(n)-ó- ‘covering’ (adj./subst.) ancestral to the etymologically obscure κημός.

6) The “Root” *kadh-

Another set of obscure forms can be illumined as evidence of our *√(s)keh₂- ‘cover, contain’ by appeal to the root noun suggested above. Under a root *kadh- ‘hüten, schützend bedecken’ (IEW: 516), Pokorny has a list of mostly Germanic forms such as Old English *hód* m. ‘hood’ (: OHG *huot* ‘hat’), *hætt* m. ‘hat’ (: OIc. *hōttr* ‘id.’), and *hédan* ‘watch, tend to’ (cf. NHG *hüten* ‘care for’). I would argue that the descriptive *kadh- common to all these forms is also reflected in a set of previously obscure Greek lemmata: κηθίς (-ίδος) f. ‘dice-box’, κήθιον ‘id.’, κηθάριον ‘voting-urn’, κῶθα ‘goblets’ (· ποτήρια [Hsch.]), κῶθων (-ωνος) m. ‘Laconian drinking vessel’, κάθος ‘big basket’ (· σπυρίς [Hsch.]). Given the comparison of these sets and the morphophonemic oddity of the root underlying them, it is plausible that “*kadh-” actually originated as a secondary root based on a nominal compound arising from a causative periphrasis in which the predicative instrumental was that of a root noun *kéh₂-/kh₂- ‘covering’ (cf. *sh₁-éh₁ d^heh₁- ‘provide with length, lengthen, elongate’, Merritt 2023b). Accordingly, on the basis of *kh₂-éh₁ d^heh₁- ‘provide with covering’ was arguably formed a *kh₂-d^hh₁-ó- ‘provided with covering, covering, covered’ whose derivatives seem to have inspired the creation of a secondary *√keh₂d^h(h₁)- ‘cover, contain’ (n.b. OE *hédan* < iterative *koh₂d^h(h₁)-éje/o- ‘protect, guard’).

7) The Family of Gothic *haihs* ‘one-eyed’

Beside the root noun *kéh₂-/kh₂- ‘covering’, there is some evidence that *√(s)keh₂- ‘cover’ also formed an *i*-stem *kóh₂-i-/kéh₂-i- and a *u*-stem *kóh₂-u-/kéh₂-u- of the same meaning. As I have proposed elsewhere (Merritt 2023b), while stems of this kind in *-i- and *-u- normally require a

thematic adnominal base from which they may be both derived, root nouns derived from roots of the shape CEH appear on occasion to have inspired their derivation directly from the root. As far as the *i*-stem is concerned, there are two sets of evidence of its existence and thus of $*\sqrt{keh_2}$ -itself. The first set of evidence is the family of Gothic *haihs* ‘one-eyed’ (Latin *caecus* ‘blind; obscure’, OIr. *caech* ‘one-eyed, squinty, blind’, MW *coeg* ‘vain, empty’), which may be analyzed as a the reflex of a $*kéh_2-i-ko-$ ‘(the) obscure, blind (one)’ formed by accent-retraction from a genitival derivative $*keh_2-i-kó-$ ‘of the covering, covered, obscure, blind’ (> PIIr. $*kaHika-$ → $*kaHika-la-$ ‘somewhat blind’ > Skt. *kekara-* ‘squint-eyed’).

8) Vedic *kévala-* and Latin *caelebs*

The second set of evidence includes Vedic *kévala-* ‘one’s own, alone, whole’ and probably Latin *caelebs* ‘single’, which may be analyzed as the reflex of a compound consisting of an *i*-stem abstract $*kéh_2-i-ye-l-i-$ ‘solitude, totality’ derived from the preform of *kévala-* and a nominal form of b^huh_x- ‘be/become’ representing the anti-causative alternant of the predicative instrumental periphrasis ($*kéh_2-i-ye-l-i-h_1 b^huh_x-$ ‘be/become alone’, cf. Ved. *kevalī-kr̥-* ‘make one’s own’, Balles 2006: 98). After the $\nu\epsilon\omicron\gamma\nu\acute{o}\varsigma$ -rule and loss of $*\underline{u}$ (cf. Lat. *probus* ‘upright’ < *pro-b^huh_x-o-* ‘with a forthright nature’, Weiss 2020: 173), the stem $*keh_2iuelib^huh_x-$ was conceivably leveled to $*keh_2iuelib^h-$ (cf. Merritt 2021: 320), resulting in *caelib-* (cf. *aetās* ‘age’ : *aevum* ‘id.’, v. EDL: 80). Vedic *kévala-* would thus reflect a $*kéh_2-i-ye-lo-$ ‘the complete, whole, alone’ presupposing a possessive $*keh_2-i-úó-$ arguably derived from our $*kóh_2-i-/kéh_2-i-$ ‘covering’ and bearing the sense ‘complete’.

9) The Family of Gothic *hails* ‘whole, sound’

This meaning ‘complete’ probably developed via the sense ‘covered, contained, comprehended, enclosed’ observable in the etymologies of various terms for ‘whole’ or ‘all’, such as $\pi\acute{\alpha}\varsigma$ ‘whole, all’ from $*peh_2-ent-$ ‘covered’ (: TA *puk* : TB *po* ‘id.’ [Kim 2019: 178 with refs.] : $*\sqrt{peh_2}$ - ‘cover, protect’) and Hittite *hūmant-* ‘all’ from $*h_2u-h_1m-ént-$ ‘taken together’ (: $*\sqrt{h_1em-}$ ‘take’, Kimball 2007). To this group I would add Latin *omnis* ‘whole, all’, which may reflect a $*h_1óp-n-i-$ ‘the taken’ formed from a $*-nó-$ verbal adjective to $*\sqrt{h_1ep-}$ ‘grasp, take’ (or $*h_1óm-n-i-$ ‘id.’ : $*\sqrt{h_1em-}$, Nussbaum p.c.), and German *ganz* ‘whole, all’, which seems to reflect a $*g^hond-ó-$ ‘taken, grasped’ analyzable as a patientive $\tau\omicron\mu\acute{o}\varsigma$ -type derivative ultimately of $*\sqrt{g^hend-}$ ‘grasp, take’ (: $\chi\alpha\nu\delta\acute{\alpha}\nu\omega$ ‘take in, contain’, Lat. *praehendō* ‘take’, v. Nussbaum 2017). The same semantic pathway from ‘covered, contained’ via ‘complete’ to ‘whole, sound’ is arguably involved in the family of Gothic *hails* ‘whole, sound’ (OE *hál* ‘id.’ : OCS *cěľb* ‘whole’ OPr. *kails* ‘hail!’; possibly Latv. *kaĩls* ‘bare’), which arguably reflects a determinate adjective $*kéh_2-i-lo-$ or $*kóh_2-i-lo-$ ‘the complete, intact, whole’ derived from a $*-ló-$ derivative of the *i*-stem and basic to a *u*-stem $*kóh_2-i-l-u-$ ‘the whole, wholeness’ reflected in the Hesychian lemma $\kappa\omicron\tilde{\iota}\lambda\nu$ (· $\tau\acute{o}$ $\kappa\alpha\lambda\acute{o}\nu$) and, with more derivational material, in Old Prussian *kailūstiskan* ‘health’ (acc. sg.). If Latin *caelum* ‘sky’ is also related (cf. Weiss 2016), it would point to a $*keh_2-i-ló-$ with the original meaning ‘(with) covering’ (cf. Lith. *dangūs* ‘sky’ : *deñgti* ‘cover’).

10) The Genesis of $*\sqrt{(s)keuh_2-}$ ‘cover’

We are now in a position to consider evidence for the *u*-stem $*(s)kóh_2-u-/(s)kéh_2-u-$ ‘covering’ to $*\sqrt{(s)keh_2-}$ ‘cover’, on the basis of which arose what we may now rewrite as our secondary $*\sqrt{(s)keuh_2-}$ ‘cover’ alongside an equivalent $*\sqrt{(s)keud^h-}$ ‘id.’ (: $\kappa\acute{\epsilon}\upsilon\theta\omega$ ‘cover, hide’, MW *cudd* ‘hiding-place’, etc.). The existence of these secondary roots is a function of a well-known feature of the PIE denominal verbal system, namely that, while periphrasis with light verbs such as $*d^heh_1-$ and a predicative instrumental was necessarily employed outside the present system, the present system itself could employ stem-formants of instrumentative value. Accordingly, a $*(s)keh_2-u-je/o-$ derived from $*(s)kóh_2-u-/(s)kéh_2-u-$ ‘covering’ would have meant ‘provide with a covering’. Since this verb’s meaning was equivalent to whatever verb was originally derived from $*\sqrt{(s)keh_2-}$ ‘cover’, it is conceivable that it was reanalyzed as a primary present derived from a “long-diphthongal” $*\sqrt{(s)keh_2u-}$ ‘cover’, which would have thus appeared eligible as a base to a $*-tó-$ verbal adjective, namely a $*(s)kh_2u-tó-$ ‘covered’. Structurally comparable to the preform of Vedic *pītá-* ‘drunk’ (< $*pih_3-tó-$ < $*ph_3(-)i-tó-$), this $*(s)kh_2u-tó-$ may be assumed to have undergone laryngeal metathesis. The resulting $*(s)kuh_2-tó-$ ‘covered’, arguably basic to the preform of Lithuanian *(s)kiáutas* ‘shell, shuck’ (< $*(s)kéuh_2-to-$), appears to have been pivotal in the creation of a secondary $*\sqrt{(s)keuh_2-}$ ‘cover’, presumably by an analogy like $*k_l-tó-$ ‘covered’ : $*\sqrt{k}el-$ ‘cover’ :: $*(s)kuh_2-tó-$: *x*. Once a $*\sqrt{(s)keuh_2-}$ was inferred, it formed, for example, an adjective in $*-ró-$ ($*(s)kuh_2-ró-$ ‘covering, covered’ → $*skúh_2-ro-$ [: OS *skūr* m. ‘shelter’ : Lat. *obscurus* ‘obscure’ < *‘with a covering to it, covered’]), a radical *é*-grade simple thematic present $*(s)kéuh_2-e/o-$ ‘cover’ (>> Latv. *skāūt* ‘embrace’), and an *s*-stem $*(s)kéuh_2-o/es-$ ‘covering’ (→ $*kuh_2-s-ó-$ ‘cover(ed)’ [→ $*kóu(h_2)-s-o-$ > ON *hauss* ‘skull’, Latv. *kaūss* ‘bowl’] → $*kúh_2-s-o-$ ‘the cover(ed)’ > OE *hús* ‘house’).

11) The Origin of Hoard

This *s*-stem appears to have been used in the causative periphrasis. If we start out with $*kéuh_2-es-eh_1 d^heh_1-$ ‘provide with covering’ (or $*kuh_2-s-éh_1 d^heh_1-$ ‘id.’), it is possible to imagine a compound $*kuh_2-s-d^h_1h_1-ó-$ ‘provided with cover, covered’ (cf. $\mu\iota\sigma\theta\acute{o}\varsigma$ ‘payment’ < $*mi-s-d^h_1h_1-ó-$ ‘provided in exchange’), whose $*h_2$ was arguably lost in the coda of a superheavy syllable ($*kuh_2s.d^h_1h_1-ó-$; cf. Skt. *kuṣṭha-* m. ‘cavity of the loin’ < [Skt. *koṣṭha-* m. n. ‘receptacle, belly, storeroom’ < $*kóu\textit{sth}_2o-$ ←] $*kusth_2o-$ < $*kuh_2-s-t-h_2-ó-$ ← $*kuh_2-s-te-h_2-$ ← $*kuh_2-s-tó-$ ← $*kéuh_2-o/es-$ ‘covering’). The resulting $*kusd^h_1h_1-ó-$ ‘covered, hidden, hidden stuff, treasure’, which seems to have germinated its own Caland system ($*kusd^h_1(h_1)-ró-$ > MW *cwthr* ‘anus, rump; rectum; womb, matrix; vagina; belly’ [IEW: 953] : $\kappa\acute{\upsilon}\sigma\theta\omicron\varsigma$ ‘pudenda muliebria’), would be (1) the base of a determinate $*kóu\textit{sd}^h_1h_1-o-$ ‘the covered place, house, building, tower’ (Av. *ašta.kaožda-* ‘with eight turrets’ [used of *pusā-* ‘diadem’], Khotanese *kūṣḍa-* ‘palace’, v. Bernard and Chen 2022), (2) the preform of Gothic *huzd* ‘treasure’ (: PDE *hoard*), and (3) the base of the instrumental $*kusd^h_1h_1-ó-h_1$ ‘with hidden stuff, with treasure’ basic to a determinate $*kusd^h_1h_1-o-h_1-d-$ ‘the one with the hidden stuff’ ancestral to Latin *custōs, custōdis* ‘guard’ (cf. Nowicki 1978).

12) The Genesis of $*\sqrt{(s)keud^h-}$ ‘cover’

Returning to the relation between $*\sqrt{(s)keuh_2-}$ ‘cover’ : $*\sqrt{(s)keud^h-}$ ‘id.’, let us bear in mind that the expression corresponding to $*(s)keh_2-u-je/o-$ ‘provide with a covering’ was $*kéh_2-u-h_1 d^heh_1-$ ‘id.’, on the basis of which was formed a compound $*kh_2-u-d^h_1h_1-ó-$ ‘covering, covered’ basic to

the **kh₂éud^hh₁-o-* or **kh₂óud^hh₁-o-* ‘the covering, cover’ ancestral to Avestan *xaōda-* ‘cap, helmet’ (: OP *xaudā-* ‘cap’). In light of Old English *hýdan* ‘conceal’, it is conceivable that a **kuh₂d^hh₁-ó-* produced by laryngeal metathesis was the base of an *i*-stem **kuh₂d^hh₁-i-* ‘covering’ (→ **kuh₂d^hh₁-i-je/o-* ‘provide with covering’) or a **-je/o-* present itself (i.e. **kuh₂d^hh₁-é-je/o-* ‘render covered’). In any case, this **kuh₂d^hh₁-ó-* was definitely basic to an *s*-stem **kéud^hh₁-o/es-* ‘covered-ness, concealment’ subject to Hackstein’s (2002) rule of laryngeal deletion (**CH.CC* > **C.CC*). Since radical *é*-grade *s*-stems existing in Caland systems beside radical *e*-grade simple thematic presents might have provided a model for the formation of thematic presents on the basis of *s*-stems originally derived from compound thematic adnominals (**g^{wh}ér-o/es-* ‘warmth’ [θέρος ‘summer’] : **g^{wh}ér-e/o-* ‘(be) warm’ [θέρομαι ‘id.’] :: **pléh₁(-)^hh₁-o/es-* ‘fullness’ [← **pl^hh₁-d^hh₁-ó-* ‘rendered full’] : **pléh₁(-)^hh₁-e/o-* ‘be/become full’, v. Merritt 2023a 181–190), the resulting **kéud^hh₁-o/es-* ‘hiddenness’ (> κεύθος ‘hiding-place, depth, hole’) seems to have inspired the creation of a radical *é*-grade simple thematic present **kéud^hh₁-e/o-* ‘make hidden’ (> κεύθω ‘hide’) as a derivative of a secondary **√(s)keud^h-* ‘cover’ (cf. MĪr. *codal* f. ‘skin’ < **kud^h(h₁)-le-h₂-* ‘covering’ ← **kud^h(h₁)-ló-* ‘covered’; Goth. *skauda-raips* ‘shoe-strap’ < **skou^hh₁-e-h₂-*; κυθόν ‘seed’).

13) The Question of σκεῦος and σκευή

Now that we have found extensive evidence that a **√(s)keh₂-* ‘cover, contain’ both existed and formed a *u*-stem, let us at length consider what are arguably two reflexes of stems derived from a thematic derivative of **(s)kóh₂-u-/(s)kéh₂-u-* ‘covering, containment’. These two reflexes are σκεῦος n. ‘vessel, implement’ and σκευή ‘equipment, attire, apparel’ (: σκευάζω ‘prepare, dress’). Putting these two sets of senses together, we may observe that at the interface with *√σκευ-* were the notions of covering, containment, and applications relating to such actions. Despite Pokorny’s assignment of σκεῦος and its family to a **(s)keu-* ‘herrichten, ausführen’ of its own dubitability (IEW: 950–951), there is general agreement that *√σκευ-* is etymologically obscure (GEW: 727; DELG²: 980; EDG: 1348–1349). A major cause of this obscurity is the difficulty in accounting for the prevocalic diphthong. While Peters (1980: 131) provides some possibilities for the preform of σκευή, namely **skeu_síéh₂-* and **skeu_híéh₂-*, it is doubtful that either preform would regularly develop to what is attested, and it is unclear from what root and in what way either preform would be derived.

14) The Unfeasibility of Derivation from **√skeuh₂-* ‘cover’

As far as the root is concerned, an initial hypothesis, given the lexical semantics discussed above, is a connection with what we have represented as **√skeuh₂-* ‘cover’. It is at least conceivable that preforms **skéuh₂-uo/es-* and **skeuh₂-úé-h₂-* derived from an adjective in **-uó-* would regularly develop to the attested forms. Since, however, there is no evidence for such an adjective and since it is imaginable that the laryngeal would have a vocalic reflex, it is necessary to pursue another path.

15) A Serious Comparandum

This path may be taken with the observation that the prevocalic diphthong is also encountered in the substantive γλεύη ‘joke, jest’, and thus with the suggestion that the same morphological and

phonological processes necessary for its explication may also be involved in the background of σκεῦος, whose comparandum finds itself among the forms listed under Pokorny's **g^hleu-* 'fröhlich sein, scherzen' (IEW: 451). These items may be divided into three sets: (1) a "simple" set consisting of OE *gléo(w)* 'glee', ON *glý* 'joy', and χλεῦη itself, (2) a dental set represented by Old Lithuanian *gláuda* 'mirth' (: *gláudas* 'id.'), and (3) a *-*mo-* set comprising OCS *glumъ* 'idle talk, mockery' (RCS 'noise, amusement', Derksen 2008: 167) and Proto-Germanic **glauma-* 'joy, mirth' (: OE *gléam* 'joy, revelry', ON *glaumr* 'noisy merriment'). Given the connection of humor with joy, and of the latter with luminance, it is conceivable that, as Pokorny himself suggests, we are dealing ultimately with what we may represent as **√g^hel-* 'shiny' (cf. IEW: 429–434).

16) The Preferability of **√g^hel-* 'shiny'

This root, often reconstructed as **√g^helh₃-* 'yellow(-green)' in light of χλωρός 'yellow-green' and some Indo-Iranian material (cf. Ved. *híri-smaśru-* 'golden-bearded' : Av. *zari-* 'tawny', EWAia II: 805–806), should instead be reconstructed as **√g^hel-* 'shiny' for three reasons: (1) the meanings of many derivatives point to more than just 'yellow-green', 'golden', or 'tawny' (e.g. OIr. *gel* 'shining, white', Lith. *glodūs* 'smooth, polished, even, well-fitting'), (2) the Balto-Slavic evidence points to **g^h* reflected with Gutturalwechsel (Lith. *gėltas* 'yellow' : East. Lith. *žėltas* 'gold-colored'), and (3) there are forms and correspondences that heavily favor an *aniť*-root (e.g. non-acute Serbo-Croatian *žūt* 'yellow' < **g^hl-tó-*; Av. *zāra-* 'gall' : χόλος 'wrath, biliousness' < **g^hol-o-* 'yellow stuff'; χλιδή 'luxuriance' < **g^hl-i-dé-h₂-* 'splendor, glitziness'; PGk. **k^hlówā-* [: χλόη 'young greenery']; SCr. *žuč* 'bile' < **g^hl-(k)-i-* : χαλκός 'copper, bronze' < **g^hl-(k)-(-)ó-* 'shiny-yellowish (stuff)', cf. Georgiev 1936). Accordingly, I suggest that the laryngeal reflected in forms such as χλωρός and Lithuanian *glodūs* 'smooth, polished, etc.' was of suffixal origin.

17) The Emergence of **√g^hleh₂-* 'shiny'

Given that our **√g^hel-* 'bright, shiny, clear' was an adjectival root like **√meg-* 'big' (Nussbaum 2022: 218–220), it is reasonable to suppose that, just as **√meg-* formed a primary proterokinetic *-*h₂-* stem of determinate meaning (**még-h₂-* 'the big; bigness' : μέγα 'great' : FCM ἀγα- 'with great x' : ἀγαθός 'good' < **még-h₂-d^hh₁-ó-* 'provided with greatness'), **√g^hel-* formed an adjectival abstract **g^hél-h₂-/g^hl-éh₂-* 'the clear, clarity' employable in the causative periphrasis **g^hl-h₂-éh₁ d^heh₁-* 'provide with clarity, (make) clear'. Since this common construction required a case characterized, exceptionally for proterokinetics, by zero-grade of the stem and full-grade of the ending (cf. Ved. gerunds in *-tvā* < **-tu-éh₁* 'with x-ing'), it is conceivable that **g^hl-h₂-éh₁* was reanalyzed as the instrumental singular of a root noun **g^hléh₂-/g^hlh₂-* 'shininess'. Since, moreover, **g^hleh₂-*, the *o*-grade of which, incidentally, would be reflected in χλωρός (< **g^hloh₂-ró-* : **g^hlh₂-ró-* [: χλαῖρός 'joyous' Pi.]; cf. **b^hel-* 'glänzend, weiß' [IEW: 118–120] : **b^hloh₂-ros* 'light-colored' [Lat. *flōrus* 'light-colored' {of hair, Acc.+}, Mlr. *blár*, MW *blawr* 'grey'] ← **b^hleh₂-*, Weiss 2020: 304), was the full-grade of this secondary root, it is understandable that, when the causative periphrasis inspired the creation of a thematic compound **g^hläh₂-d^hh₁-ó-* 'rendered clear, shiny, smooth, bright' (> PGmc. **glada-* 'shiny, smooth, glad' [: OE *glæd* 'glad, bright', ON *gladr* 'id.', NHG *glatt* 'smooth, even, sleek, shiny'] → **g^hleh₂d^hh₁-u-* Lith. *glodūs* 'smooth, polished, even, well-fitting' [: OCS *gladъkъ* 'smooth, even']), which arguably germinated a tertiary **√g^hleh₂d^hh₁-* 'clear, smooth, etc.' (→ **g^hläh₂d^h(h₁)-ró-* > Lat. *glaber*

‘smooth, bald’), the **-l-* was always assigned to the onset. Accordingly, just as **√(s)keh₂-* formed both a root noun and a *u*-stem, it is reasonable to suppose that **√ǵ^hleh₂-* ‘shiny’ formed both the root noun reflected in the “glad” family and a *u*-stem of the shape **ǵ^hlōh₂-u-/ǵ^hléh₂-u-* ‘brightness’.

18) The Origin of γλεῦν ‘joke, jest’

This *u*-stem was (1) the basis of an adjective in **-mó-* (**ǵ^hleh₂-u-mó-* ‘bright, glad’ → **ǵ^hléh₂-u-mo-* ‘gladness’ (PGmc. **glauma-* ‘merriment’, OCS *glumъ* ‘idle talk, mockery’), (2) employed in the causative periphrasis **ǵ^hléh₂-u-h₁ d^heh₁-* ‘provide with brightness, gladden’ (: **ǵ^hleh₂-u-d^hh₁-ó-* ‘brightened, glad’ → **ǵ^hléh₂-u-d^hh₁-e-h₂-* ‘gladness’ > Old Lithuanian *gláuda* ‘mirth’; cf. **ǵéh₂-u-i-h₁ d^heh₁-* ‘provide with brightness, gladden’ : **geh₂-u-i-d^hh₁-ó-* ‘gladdened, glad’ : **geh₂-u-i-d^hh₁-i-ō-* ‘gladdening, gladness’ > Lat. *gaudium* ‘joy’, Merritt 2024), and (3) subject to genitival derivation with lengthened grade of the root and a simple thematic suffix (v. Nussbaum 2009). Just as Vedic *pārsu-* m. ‘rib’ is the base of a *vṛddhi*-derivative *pārs(u)vá-* ‘(region) of the ribs’, it is plausible that **ǵ^hléh₂-u-* ‘brightness, gladness’ was the base of a **ǵ^hlēh₂-u-ó-* ‘of the gladness’, which, like *pārs(u)vá-* (trisyllabic at RV 4.18.2), was subject to Sievers’ Law. The variant **ǵ^hlēh₂-u-ō-* was arguably the ancestor, via Osthoff’s Law, of a Proto-Germanic **glewwa-* ‘mirth’ ([→ **gliwwija-* > ON *glý* ‘joy’] > OE *gléow* ‘glee’), and basic to an **-h₂-* stem **ǵ^hléh₂-u-e-h₂-* ‘that which is of gladness, humor’ ancestral to a **k^hléuūā-* ancestral, also via Osthoff’s Law, to a **k^hléuūā-* ancestral to γλεῦν ‘joke, jest’.

19) Treasure in Tents and Jars

In like manner, therefore, let us propose that **(s)kóh₂-u-/*(s)kéh₂-u-* ‘covering, containment’ was the base of a genitival adjective **skēh₂-u-ó-* ‘of the covering’ subject to Sievers’ Law. The resulting **skēh₂-u-ō-* was the base both of the **skēh₂-u-ō/es-* ‘kind of covering, container’ ancestral to σκεῦος n. ‘vessel, implement’ and of the **skēh₂-u-é-h₂-* ‘kind of covering, container’ ancestral to σκευή ‘equipment, apparel, clothing’. Though σκεῦος presupposes the sense ‘containment’ rather than the sense ‘covering’ underlying σκῆνος ‘tent’, it is, in conclusion, interesting to observe that, in the same Pauline letter with which we began this discussion, σκεῦος like σκῆνος is not only employed in comparable reference to precarious corporeality with precious contents (ἐν ὀστρακίνοις σκεύεσιν “in jars of clay” [4.7]), but also, as I argue, a derivative ultimately of the same verbal root – one of the greatest accessible antiquity and comprising a vast corpus of lexical treasure (e.g. Lith. *kūnas* ‘body’ < **kuh₂-no-* ‘covering’ : **√skeuh₂-* ‘cover’, v. Charpentier 1907: 23–24; cf. Latv. *kūnis* ‘pupa, larval form of an insect’, Smoczyński 2018: 631).

Bibliography

Balles, Irene. 2006. *Die altindische Cvi-Konstruktion. Form, Funktion, Ursprung*. Bremen: Hempen.

Bernard, Chams Benoît and Ruixuan Chen. 2022. A Fall into the Pit: Remarks on Tocharian B *koško*, *koškīye*. *Indo-Iranian Journal* 65: 1–31.

Charpentier, Jarl. 1907. Litauische etymologien. *Le Monde Oriental* 2: 23–35.

Derksen, Rick. 2008. *Etymological Dictionary of the Slavic Inherited Lexicon*. Leiden: Brill.

Georgiev, Vladimir. 1936. Lat. ferrum, griech. Χαλκός, abg. želězo und Verwandtes. *Zeitschrift für vergleichende Sprachforschung auf dem Gebiete der Indogermanischen Sprachen* 63: 250–256.

Hackstein, Olav. 2002. Uridg. *CH.CC > *C.CC. *Historische Sprachforschung* 115: 1–22.

Kim, Ronald I. 2019. Adjectival suppletion in Tocharian. In Ronald I. Kim (ed.), *Diachronic Perspectives on Suppletion*, 173–192. Hamburg: Baar Verlag.

Kimball, Sara E. 2007. Hittite *hūmant-* ‘all, entire, each’. In Alan J. Nussbaum (ed.), *Verba Docenti: Studies in Historical and Indo-European Linguistics Presented to Jay H. Jasanoff by Students, Colleagues, and Friends*, 201–212. Ann Arbor – New York: Beech Stave Press.

Kroonen, Guus. 2013. *Etymological dictionary of Proto-Germanic*. Leiden: Brill.

Merritt, Andrew. 2021. κέλῶφος and καλύπτω. *Indogermanische Forschungen* 126: 305–324.

–. 2023a. *Κάλλος and καλός: Morphology, Etymology, and Conceptual Genealogy*. Cornell University Ph.D. dissertation.

–. 2023b. Setting a Long Story Straight: Attic εὐθύς ‘straight’, Ionic ἰθύς ‘id.’, and Vedic *sādhú-* ‘id.’. *Historische Sprachforschung* 135: 220–234.

–. 2024. Some Clarifications Concerning the Origin and Relatives of γῆ/γαῖα ‘earth’. Paper delivered at the Society for Classical Studies Annual Meeting January 4th – 7th 2024, Chicago, Greek and Latin Linguistics.

Nowicki, Helmut. 1978. Zur Stammbildung von lat. *custōs*. *Zeitschrift für vergleichende Sprachforschung* 92: 184–194.

Nussbaum, Alan J. 2009. Genitivalia. Paper delivered at the twenty-eighth East Coast Indo-European Conference, University of Iceland (Reykjavik), June 2009.

–. 2017. Agentive and Other Derivatives of “τόμος-Type” Nouns. In Claire Le Feuvre, Daniel Petit, and Georges-Jean Pinault (eds.), *Verbal Adjectives and Participles in Indo-European Languages: Proceedings of the Conference of the Society for Indo-European Studies, Paris, 24th to 26th September 2014*, 233–66. Bremen: Hempen Verlag.

–. 2022. Derivational properties of “adjectival roots” (expanded handout). In Melanie Malzahn, Hannes Fellner, and Theresa-Susanna Illes (eds.), *Zurück zur Wurzel--Struktur, Funktion und Semantik der Wurzel im Indogermanischen : Akten der 15. Fachtagung der Indogermanischen Gesellschaft vom 13. bis 16. September 2016 in Wien*, 205–224. Wiesbaden: Reichert Verlag.

Peters, Martin. 1980. *Untersuchungen zur Vertretung der indogermanischen Laryngale im Griechischen*. Vienna: Verlag der Österreichischen Akademie der Wissenschaften.

Smoczyński, Wojciech. 2018. *Lithuanian Etymological Dictionary*. Berlin: Peter Lang.
Weiss, Michael, 2016. Cosmogonia italica. In Augusto Ancillotti, Alberto Calderini and Ricardo MAssarelli (eds.), *Forme e strutture della religion nell'Italia mediana antica. Atti III Convegno internazionale dell'Istituto di Ricerche e Documentazione sugli Antichi Umbri*, 661–668. Rome: L'Erma di Bretschneider.

Weiss, Michael. 2020. *Outline of the Historical and Comparative Grammar of Latin* (2nd ed.). Ann Arbor: Beech Stave Press.

Abbreviations

DELG² = Chantraine, Pierre. 2009. *Dictionnaire étymologique de la langue grecque: Histoire des mots*. (2nd ed., with supplements by Alain Blanc, Charles de Lamberterie, and Jean-Louis Perpillou). Paris: Klincksieck.

EDG = Beekes, Robert. 2010. *Etymological Dictionary of Greek*. 2 vols. Leiden: Brill.

EDL = de Vaan, Michiel. 2008. *Etymological Dictionary of Latin and the Other Italic Languages*. Leiden: Brill.

EWAia = Mayrhofer, Manfred. 1986–2001. *Etymologisches Wörterbuch des Altindoarischen*. 3 vols. Heidelberg: Winter.

GEW = Frisk, Hjalmar. 1960–1973. *Griechisches etymologisches Wörterbuch*. 3 vols. Heidelberg.

IEW = Pokorny, Julius. 1959–1969. *Indogermanisches etymologisches Wörterbuch*. Bern: Francke.