

Anthony JAKOB
Leiden University

ON SOME POTENTIAL GHOST WORDS IN BALTIC¹

Abstract. In this paper, I discuss five words in the East Baltic languages which have a dubious history. (1) Lithuanian *kēmeras* ‘hemp agrimony’ has entered the standard language through botanical literature and derives ultimately from Nesselmann’s incorrect interpretation of an obsolete *kiemerai* ‘demon(s), incubus’; (2) *sálти* ‘to flow’ is known only from a single quotation deriving from K. Jaunius. It seems just as possible to interpret it semantically as ‘to creep’ and therefore as related to Lithuanian *seléti* ‘to creep’. Other forms attributed to this root also permit alternative interpretations; (3) *bālas* ‘white’ is known only from Juška’s dictionary, where it may represent a rationalization of *bālas* ‘anemone’. Only the latter can independently be verified from Žemaitian sources; (4) *uodēgis* ‘fox’, often quoted in the Germanicist literature, results from a misinterpretation of the gloss given in Kurschat’s dictionary. Furthermore, *uodēgis* ‘Fuchsschwänzer’ seems, in turn, to derive from Nesselmann’s misreading of Mielcke’s dictionary; (5) both Latvian *īls* {ihls} and *ikls* ‘stockfinster’ trace back to a lost manuscript dictionary by Fürecker; one is almost certainly an error, and it is further tempting to interpret *ikls* as an error for the otherwise attested *akls* ‘blind, pitch dark’.

Keywords: Lithuanian; Latvian; lexicography; nomenclature; ghost word; Nesselmann; Kurschat.

¹ The preparation of this article has been carried out with funding from the European Research Council (ERC) under the European Union’s Horizon 2020 research and innovation programme (Grant agreement No. 716732). Many of the ideas in this paper have derived from discussions with Sergejus Tarasovas, and I would like to thank him for his many valuable insights and comments. Most of the groundwork for this article was carried out in lockdown conditions during the COVID-19 pandemic, which was made possible by online, open-access resources, including searchable dictionaries (like the LKŽ), digitized editions of texts (seniejirastai.lki.lt, senie.korpuss.lv), digitized facsimiles of manuscripts (www.epaveldas.lt), and card files (ekalba.lt). I would like to thank the various institutions involved for their efforts in this area.

The East Baltic languages have occupied a central place in Indo-European linguistics since the subfield's inception (Bopp 1833), but most scholars in the early years departed from a position of relative ignorance, relying heavily on the lexicographical works published in Prussian Lithuania, such as Mielcke (1800), Nesselmann (1851) and Kurschat (1883), and German-Latvian dictionaries such as Lange (1772–1773), Stender (1789) and Ulmann (1872). The blind trust often given to these lexicographical works, which to a great extent depend on even older lexica, has lead to the propagation of many doubtful forms which have never been recorded in the living language.

As far as Lithuanian was concerned, the shift towards a more dialect-centred approach started in earnest with Kazimieras Būga, who made every effort to point out the errors present in the existing academic literature (e.g. Būga 1909, 30–31; 1922, 164–167; 1930 [1916], etc.). However, his most significant contribution to this endeavour, a comprehensive list of erroneous words appearing in academic sources, remained unpublished until long after his death (Būga RR 2 [1959], 695–725), and many of his suggested corrections have remained unnoticed by the wider scholarly community (cf. below on *kēmeras*). The accessibility of the Lithuanian lexical and dialectal material has greatly increased with the completion of the *Lietuvių kalbos žodynas*, but with this so has the task of verifying both the new and the old data. In its attempts at exhaustiveness, the LKŽ has often contributed to the further propagation, rather than repression, of doubtful forms from older lexica (see Urbutis 1990; Schiller 2006), as well as to the generation of new ghosts (Vitkauskas 2006). In this article, I will attempt to further supplement and elaborate on Būga's list by discussing a few potential ghost words in Lithuanian, as well as one (or two) in Latvian.

1. kemerai ‘Eupatorium’

The Lithuanian word *kēmeras*, which means ‘hemp agrimony, *Eupatorium cannabinum*’, belongs to the modern standard language. It is recorded in the DLKŽ (s.v. *kēmeras*), and is the term officially recommended by the Lithuanian Language Commission (Protokolinis nutarimas Nr. PN-3, dated 9 May 2013). The earliest attestation of this word appears to be in Nesselmann's *Wörterbuch der litauischen Sprache*. His article was copied almost verbatim into the dictionary of Kurschat, who enclosed the entry in square brackets (indicating that he did not know the word):

“**Kèmerai**, û, *m.pl.* ein Kraut, Alpen, Alpkraut (Bd. Qu.) vielleicht Eupatorium, *Wasserdost.*” (Nesselmann 1851, 193)

“[**kemeraɪ**, -ū, Subst. f.[sic.] ein Kraut, Alpen?, Alpkraut, Wasserdost.]” (Kurschat 1883, 177)

It was not long before the word found its way into the secondary literature, being noted in Fick’s *Wörterbuch der indogermanischen Grundsprache* (1868, 29–30; “lit. kemera-s m. Wasserdost”), with an attribution to Nesselmann, and equated with Skt. *kamala-* ‘lotus’, Gr. κάμαρος ‘Delphinium’ and OHG *hemera* ‘Niesswurz’. In the third edition of this dictionary (Fick 1874–1876 3, 64, now “kemera-i m. pl.”), a new comparandum appeared in the form of “ksl. čemerika” (? = чемерица ‘helleborus’, Miklosich 1865, 1113; see also Miklosich 1878, 246). The comparison between Baltic, Slavic and Germanic has become generally accepted, and the form *kemeraɪ* ‘Alpkraut, Wasserdost’ is widely repeated in the academic literature (cf. Zupitza 1896, 113; Berneker 1, 142; ME 1, 302; Walde, Pokorny 1, 390).²

Despite this general agreement, the form *kemeraɪ* is erroneous. The problem lies in Nesselmann’s unfortunate orthographical conventions, and in particular his use of the letter *e*. In the introduction to his dictionary (1851, X), Nesselmann expresses confusion as to the use of the digraph {ie} to represent what was, to him, the same sound as ē, and recommends instead that ē and ie be unified under a single symbol. He therefore distinguishes between a low {é} /ē/, and a high {é} /ie/ ~ /é/ (the latter graphically rather resembling ē̄). To add to the confusion, the symbol {é} is sometimes misused: compare e.g. *kéli*, *kéletas* ‘wieviele?’ (Nesselmann 1851, 191; for *kelī*, *kēletas*). As a result, while a reading *kemeraɪ* cannot be ruled out, {kēmerai} is more likely to represent *kēmerai* or *kiemeraɪ*.

Nesselmann attributes the form to two manuscript lexica, the *Lexicon Lithuano-Germanicum* of Jacob Brodowski (Bd.) and an ‘anonymous German-Lithuanian dictionary’ (Qu. = *Clavis Germanico-Lithvana*; cf. Drotvinas 1987, 103; Triškaitė 2007, 10 fn. 9). The attested forms in these two manuscripts are as follows:

“Alpen Kiemerai.” (Brodowski, 72)

“Alpen. Kiemerai, û. Plur.M.” (CGL 1, 73) = “Alpen Kiemeraɪ” (*Lexicon Lithuanicum*, see Triškaitė 2007, 29 for other manuscripts)

² An exception is Matzenauer (1880, 30), who copied *kēmerai* directly from Nesselmann.

Nesselmann's sources thus point unequivocally to a form *kiemeraī*. This fact was, incidentally, already noted by Būga (1922, 402; cf. also RR 2, 702), who suggested a correction to *kiemeraī*, but this has largely gone unnoticed.³ In addition to this, the manuscript data reveal that the gloss 'Alpkraut' is nothing more than Nesselmann's own interpretation. In fact, it is not really clear why Nesselmann interpreted *kiemeraī* as a plant name at all. Marzell (2, 356) does indeed record *Alpkraut*, *Alpenkraut*, *Alpdost* as terms for '*Eupatorium cannabinum*', but I have been unable to find any attestation of the shorter *Alpen* in this sense. Furthermore, as CGL was commissioned to provide concordances for Luther's bible (Drotvinas 1995, XV), it would be rather surprising for it to contain a designation of a herb of no biblical significance.

A much more obvious interpretation of *Alpen* is as the plural of *Alp* 'daemon; incubus' (cf. Triškaitė 2007, 29). As to the form of the plural, Grimm (DWb 1, 245) specifically notes "der pl. lautet alpe, doch bildet LUTHER alpen". This interpretation is proven correct by another, largely overlooked,⁴ attestation of *kiemeraī*. The first manuscript edition of Szyrwid's *Dictionarium trium linguarum* (dated c. 1620) contains an entry *Mára, Incubus ephijaltes. Kiemerai* (ALEW²). Based on this evidence, it becomes clear that *kiemeraī* should instead be translated as 'demon(s), incubus'.⁵

It remains to be explained how the term *kēmeras* 'hemp agrimony' came to be part of the standard language. It appears the answer must be sought in the botanical nomenclaturists. The earliest reference provided by the LKŽ is to Matulionis' Žolynas (1906, 27), which has *Eupatorium · kemeras* (referencing Kurschat who, as we have seen, simply copied his entry verbatim from Nesselmann). Likewise, the LBŽ (p. 137) cite Nesselmann and Kurschat as their sources, and it is probably from here that the word

³ Būga's form *kiemeraī* is found in Vasmer, Trubačëv (4, 331), correcting Vasmer's original *kemeraī* (Vasmer REW 3, 315). Note that Fraenkel (LEW, 251) cites the word as *kemēras*, yet another ghost variant, apparently originating in an article by Nieminen (1951, 201). We can only assume Nieminen has confounded *kemeraī* with *kemēras* 'an unwieldy person or thing'. The same form was copied into Frisk (1, 771, citing Fraenkel).

⁴ Note, however, Smetonienė 2020, 10.

⁵ Polish *mára* has been scrapped from the fourth edition, where Lat. *incubus* is equated with Pl. *Latāwiec* and Lt. *Aytwaras*. See <https://seniejirastai.lki.lt/db.php?source=53&page=7>.

entered the standard language as a technical term. Another dubious word which seems to have entered standard Lithuanian through its inclusion in the LBŽ is *túopa* ‘poplar’ (Gliwa 2008).

If *kēmeras* entered the Lithuanian botanical nomenclature as the result of an error, then what term should have been chosen for ‘hemp agrimony’? At first sight, Pabrèža’s (1834, 124) *Atłayba* ‘Eupatorium’ looks promising, but this is most likely a mere neologism based on the theonym *Atlaibos* (taken from Joannes Lasicius’ *De diis Samagitarum*; cf. Balsys 2009, 208; Kregždys 2012, 42). Under the same entry, Pabrèža notes a Prussian (Lithuanian) “Wandens Raudolèles”. The source of this form is apparently Hagen’s *Preussens Pflanzen* (1818 2, 174 “wandens raudolèles”; cf. also Matulionis 1906, 27). This is evidently a calque of the German *Wasserdost*,⁶ perhaps even invented by Hagen’s informant when asked to translate the term. In any case, there is no clear evidence of its actual currency. As a result, there appears to be no genuine Lithuanian designation for this plant.

Nevertheless, the current term for ‘hemp agrimony’, *kēmeras*, undoubtedly originated as the result of a series of lexicographical errors, and ultimately represents a corruption of the obsolete word *kiemerai* ‘a kind of demon(s)’. Without the support of a Lithuanian cognate, Latvian *cemerīņš* ‘hellebore’ and *cemeris* ‘eine giftige Sumpfpflanze’ (EH 1, 265) are better analyzed as loanwords from Belarusian *чэмер*, Russian *чемерίца* (cf. Old Russian *чемерь*) ‘hellebore’.

2. *sálti* ‘to flow’

Būga (1912, 244–245) argued for a derivation of Lt. *seléti* ‘to creep’ from a root **sel-* ‘to move’. As additional evidence, he adduced the following phrase from Kvėdarna: *vanduō lig vařtu at-sālo* ‘вода дошла до воротъ’ (i.e. ‘the water reached the gate’). This phrase was first published in press (Būga 1908a [No. 106] = Drotvinas 1969, 87) and originates from Būga’s mentor Kazimieras Jaunius.⁷ The entry reads:

⁶ For the second element, compare: Dost, herba, Raudolèles (CGL 1, 474), Raudodélès f.pl. Dost, ein rothes Faerbekraut (Ruhig 1747 1, 119), Origanum. / Dosten. / [...] žem: Raudoodielys. — pruus: Raudolèles. (Pabrèža 1834, 92), Raudolèle ‘gemeiner Dost, Origanum vulgare’ (Nesselmann 1851, 432), Origanum vulgare · Raudonelis (Matulionis 1906, 43 and LBŽ 240, citing Ivinskis).

⁷ As stated explicitly by Būga at the start of the article. Note also that any reference to Kvėdarna found in Būga’s works implies Jaunius as his informant (Zinkevičius 1979, 29).

“Vanduo at-spíndo iki vartų = vanduo at-sálo „palengvo, vis daugyn eidamas, tekéjo”” (= [the water] flowed, gradually becoming more and more’)

In *Kalba ir senovė* (Būga 1922, 279–280), citing the same phrase, Būga translates *sálти* as ‘tekéti [to flow]’ and proposes a relationship with *salà* ‘island’ and Pr. E *salus* ‘Regenbach’. This etymology was supported and expanded upon by Endzelīns (ME 3, 664) whence it found its way into Walde, Pokorny (2, 505, s.v. 4 *sel-* ‘springen’) and other academic literature (Pokorny 1959, 899; Fraenkel LEW [1962], 774; Kuzavinis 1966, 179; Smoczyński 1982, 215; Derksen 2015, 388).

It is important to stress that, outside of this single isolated phrase,⁸ neither (*at*)*sálти* nor its alleged synonym (*at*)*spísti* have been recorded in any sense approaching ‘to flow’. The usual meaning of *spísti* is ‘beam, shine’; with the preverb *at-*, it means ‘shine back, reflect’. On the other hand, *sálти* means ‘to sweeten’, although it mostly appears to be used in technical senses such as ‘spoil (of flour)⁹ and ‘modify (of malt)’, or in the metaphorical sense ‘desire, wish for’. As a metaphor from the context of beer-brewing, one could perhaps think of fermenting, bubbling water, although this seems quite far-fetched as a semantic motivation. Given that Jaunius’ gloss seems to emphasize the gradual nature of the water’s movement, the connection with *seléti* ‘to creep’ proposed by Būga does seem plausible. However, it is hardly inevitable that the underlying root meant ‘to flow’. In fact, the attested example sentence could just as effectively be translated as ‘the water crept up to the gate’. Compare, with the same vocalism, dial. (Alksnēnai) *salinti* ‘to creep’.

Two other forms are referred to this root in Būga’s 1912 article, both of which certainly derive from Jaunius: *āt-sala* Kvēdarna, Rietavas ‘sinulus aquae stantis, incīsus in fluminis ripam’ (i.e. ‘a little bay of standing water cut into the bank of a river’) and *atsálđyti* in the phrase *šunis atsálđau* ‘palam vehementer repello’ (i.e. ‘I ward off [the dogs] forcefully’; cf. Vos *šunis at-sálđžiau* ‘atáginiāu’, Būga 1908a). The latter can be understood as the result of a specific semantic development from *sálđyti* ‘to sweeten’, which is reflected in Juška (1, 144), s.v. *At-sálđyti*: 1) “перестать говорить

⁸ Repeated once again in Būga RR 2, 554; see also LKŽ s.v. *at-sálти*² and *at-spísti*.

⁹ This seems to indicate the result of using flour made from grain which has germinated: *Užlijo nupjautus kviečius, dabar sāla blynai* ‘our harvested wheat got soaked in the rain; now our pancakes sāla’ (Kupiškis), i.e. fail to rise? In Šatės, *užsálти* is recorded in the sense ‘fade (of a flame)’, while *apsálти* in several dialects means ‘become weak, faint’.

ласково, — дружески, охладѣть [stop talking sweetly to, cool to]” and 2) “оттолкнуть, отклонить, отстранить [push away, drive away]”.

Būga’s *ātsala* ‘bay of standing water’ also remains isolated (see LKŽ s.v.). The usual meaning of this word is ‘shallows, sandbank’ (cf. *Āt-sała* ‘отмель, мель; mielizna [shallows]’, Juška 1, 144; *atsalà* ‘отмель’, Šlapelis 1921, 49), which is supported by two attestations from written sources and one dialectal attestation in the *Papildymų kartoteka* (from Pakuonis, glossed as “sekluma”). The word is also found in the DLKŽ, where it is defined as ‘sekluma aplink salą ar iškyšulį’ (= ‘shallows around an island or promontory’). It seems quite plausible that this is a derivative of *salà* ‘island’ (Smoczyński 2018, 1127; for the formation, cf. *āt-šaka* ‘offshoot’ Skaudvilė < *šakà* ‘branch’; cf. *ātβaka* ‘creek’ in Bythner’s bible).

As *seléti* ‘sneak, creep’ is no longer derived from the root **sel-* ‘to spring forward’ (cf. Walde, Pokorny 2, 505–506, s.v. 5 *sel-*; LIV, 528 s.v. 3 **sel-*) and is more plausibly reconstructed as **tsel-* (Kroonen, Lubotsky 2009; cf. Endzelīns 1911, 44), while *sal̄pas* ‘floodplain; small bay’ can only be connected by assuming a doubtful suffix *-*pa-*, the evidence for a root **sel-* ‘to move’ in East Baltic that Būga sought is lacking. But there is still some hope: the South Aukštaitian verb *salvēti* ‘seep, ooze out’ (cf. Kuzavinis 1966; Smoczyński 2018, 1130) could well be related to the Prussian *u*-stem *salus* ‘Regenbach’.¹⁰

3. *bālas* ‘white’

A Lithuanian word *bālas* ‘white’ is known from Juška (1, 186, “Bálas, -là, бѣлый; *biały*”), but is otherwise unattested except in the secondary literature (e.g. Būga 1922, 246; Walde, Pokorny 2, 176; Fraenkel LEW [1955], 32; Otrębski 1965, 30; Derksen 2015, 78).

Jablonskis, in his afterword to the second issue of Juška’s dictionary (p. XIV), suspects that in several cases, Antanas Juška “старается придать [слово] не существующее въ языкѣ значение” (i.e. ‘attempts to give a word a meaning non-existent in the language’). Jablonskis draws attention to *gùdas* ‘привычка, навыкъ [habit]’; ‘обыкновенный [common]’ (see Juška 2, 485) and claims that these meanings do not exist. Indeed, judging by the data of

¹⁰ Admittedly, the element *-v-* could be analysed as analogical after *varvēti* ‘trickle’, but we are still left with a common root **sal-*. Curious is *alvēti* (Pasvalys, Grūžiai; Alksnénai) = *salvēti*. Is it an alternation of *alméti* ‘ooze out’ under the influence of *varvēti*? (Influence of *salvēti* is less likely for geographical reasons).

the LKŽ and *Papildymų kartoteka*, it does not appear that either the noun or the adjective have been attested elsewhere in the corresponding senses. Given that the sole illustrative example for *gùdas* ‘обыкновенный’ provided by Juška is *Gùdas kařkłas vadīnas gùdkarklis* ‘a *gùdas* willow is called a *gùd*-willow’, one is left with the impression that this word was rather an invention of Juška to explain the compound *gùd-karklis* ‘a kind of willow’ rather than a genuine word recorded in the dialects (Karaliūnas 2004, 167).

I have a similar suspicion regarding *bálas* ‘white’, for which Juška provides no illustrative example. One gets the impression that the gloss ‘white’ is merely an invention of Antanas Juška to explain the entry that follows: “*Bálas -ła, m. подснъжникъ, первоцвѣтъ, бѣлая букаша; pierwiosnek (roślina).*” Significantly, the latter entry closes with a cross reference to *báltas* ‘white’.

This word, *bálas* ‘anemone’, does appear to be genuine: Pabréža (1834, 88) has *Bals* ‘Anemone’, and the same word appears in a list of plant names compiled by K. R. Jacoby (“Balas, Buschrösen, Anemone”; Jacoby 1887, 135).¹¹ Furthermore, a feminine variant *bala* [sic.] ‘die anemone’ was recorded by Bezzemberger in his *Nachträge zu Nesselmanns Wörterbuch* (1882, 98), citing two informants, which agrees with the plural form *balos* appearing in Žemaitė’s cycle *Laimė nutekėjimo* (1896–99). Thus, including Juška, we have five independent attestations, and it seems probable that the word did exist in spoken Žemaitian at the turn of the 20th century.

The fact that, according to Pabréža and Jacoby, the word refers to the yellow wood anemone (*A. ranunculoides*) as well as to the white-flowered variety (*A. nemorosa*) might cast doubt on the idea that it is derived from the word for ‘white’, and in any case, if the adjective really is a creation of Juška, this word can no longer be used as an example to illustrate an adjective > noun derivation pattern not involving affixation (as in e.g. Būga 1922, 246; Hyllested 2004, 59).

There is other evidence for a root **bäl-* alongside **bäl-* in East Baltic: Lt. *bālanti* (= Lv. *balināt*) ‘bleach, whiten’, *balúoti* (= *bolúoti*) ‘be white’, Žem. -*baléti* ‘go pale, whiten’ and Lv. *bals* ‘bleach’ beside *bàls* ‘pale’. The preterite *bālo* to the root *bálti* ‘turn white’ need not be old, however, as it may have

¹¹ Jacoby continues by citing “*baltieji und geltonieji balai*”. This might encourage us to believe that he got the word from Pabréža, since the latter likewise cites *balaa balyyyij* ‘A *nemorosa*’ and *balaa geltoonyij* ‘*A. ranunculoides*'. Jacoby is perhaps the source used for another list published in *Vienybė lietuvininkų* (Chronopolitanus 1893, 382: “*Balai baltiejie — Anemone nemorosa*” and “*Balai geltoniejie — Anemone ranunculoides*”).

been formed secondarily to the nasal-infixed present *bąla* < **ba-n-l-* (< **bā-n-l-* with Osthoff's law; cf. Smoczyński 2018, 90). Other forms like *bālanti* could also theoretically be explained as secondary to *bálти* (idem, 87–88) – in any case, *bolúoti*, with its long root-vowel, strikes me as an archaism.

4. *uodēgis* ‘Fuchs(schwänzer)’

In the literature, one occasionally comes across a Lithuanian *uodēgis* ‘fox’. The first mention of this word I find in the academic literature is in the 15th edition of Kluge's dictionary edited by Alfred Schirmer (Kluge, Schirmer 1951, 230),¹² where we find the phrase “Das der Fuchs nach seinem buschigen Schwanz gennant wird (auch lit. *uodēgis* ‘Fuchs’ nach *uodegà* ‘Schwanz’) is wohl Tabu-Erscheinung”. The form “lit. *uodēgis*” is still present in the 25th edition of this dictionary (Kluge, Seibold 2011, 321), and has been repeated elsewhere in similar contexts (e.g. Kutzelnigg 1980, 188; EWAhd 3 [2007], 442; Philippa et al. 4 [2009], s.v. *vos*; Kroonen 2013, 158). In each case, the Lithuanian word is used as a parallel for the semantic development ‘tail’ > ‘fox’.

The source of the confusion appears to be Kurschat:

“**uDēgis**, fem. -ė, Subst. mob. *der oder die mit dem Schwanz; ein Fuchs; ein Fuchsschwänzer*; doch mehr in der Zstz. *ilgūdēgis, mit langem Schwanz.* | *trumpūdēgis, mit kurzem Schwanz.*” (Kurschat 1883, 480)

Kurschat's presentation of this lemma is admittedly somewhat ambiguous, but it seems certain that the gloss “ein Fuchs” is not intended in its literal meaning, but rather as a (near) synonym to “ein Fuchsschwänzer” (cf. the gloss “ein listiger Mensch” s.v. *Fuchs* in Kurschat 1870, 473).¹³ This much was apparently evident to the compilers of the LKŽ, who do not cite the sense ‘fox’ s.v. *uodēgis*, and it seems very probable that this sense is indeed a figment.

However, I would go further, and contend that the word *uodēgis*, in all

¹² Cited according to the 16th edition (1953), which is merely a corrected reprint of the 15th and does not differ in content. This phrase is not in the 14th edition (1948).

¹³ The meaning of the two words is slightly different (cf. Kurschat's Lithuanian glosses: *Fuchs* is rendered with Lt. *kytrōlius*, while *Fuchsschwänzer* is translated “*buñs ūdegà. ūbinlaižis*”), but close enough that Kurschat could plausibly have seen them as near-synonyms.

of its alleged senses, is a ghost word. For *uodēgis* ‘Fuchsschwänzer’, another error of Nesselmann is to blame. On p. 32 of his dictionary, he cites: “Üdēgis, io, m. gē, ês, f. ein Fuchsschwänzer. (M.)”. The abbreviation M. refers to Mielcke (1800), whose dictionary is essentially a second edition of Ruhig (1747). The relevant entry is limited to the German–Lithuanian part of both dictionaries:

“Fuchsschwânzer, Szuns Ūdega, Ūdēgis, gē, Subſt. mob.” (Mielcke 1800 2, 199)
“Fuchsschwânzer, Szunsûdega, údēgis, gē, *ſubſt. mob.*” (Ruhig 1747 2, 160)

It seems evident that “údēgis” in Ruhig’s text is not intended to be read as a self-standing word. This is supported by the fact that *Szunsûdega* is not accompanied by any grammatical information, the fact that the second ⟨ü⟩ is not capitalized, and the fact that there is no entry for **Ūdēgis* in the Lithuanian–German part of the dictionary. The most probable reading is “[Szuns]údēgis”, and indeed, a word *šunsuodegis* is attested in Lalis’ Lithuanian–English dictionary (1915 2, 210, s.v. *Ducker*, 660, s.v. *Spaniel*, 770, s.v. *Toadeater*).

In terms of word-formation, *šunsuodēgis* is quite unique. The usual combining form of *šuō* ‘dog’ is *šun-*, and the expected variant, *šunuodēgis* ‘flatterer’, is both widespread dialectally (LKŽ s.v.) and encoded in the standard language (DLKŽ, s.v. *šunuodēgis*, *šunuodegiáuti*). The only reliable parallel for a genitival -s appended to the first member of a compound appears to be *šunskumpis* ‘rogue, rascal, scoundrel’ (Lalis 1915 1, 374).¹⁴ The combining form *šuns-* can be explained in two ways. On the one hand, *šunskumpis* could be an *ad hoc* univerbation of *šuñs kum̄pis* (cf. LKŽ s.v. *kum̄pis*, *šuō*).¹⁵ On the other, *šuns-* could have been resegmented from the synonymous *šùnsnukis* ‘scoundrel’ (with *snukis* ‘snout’; cf. the spelling *szuns-snukis* in Miežinis 1894, 249). For *šunsuodēgis*, only the latter explanation can apply provided **uodēgis*, as I have argued, is not a stand-alone word.

¹⁴ Cf. подлéц [...] *šunskum̄pis* (Baronas 1967 2, 181), *šunskumpis* ‘Taugenichts, Schlingel; niederträchtiger Schmeichler’ (Kuršaitis 4, 2445).

¹⁵ The LKŽ cites quotations from A. Venclova and V. Pietaris under both *šunskumpis* and *šuñs kum̄pis* (s.v. *šuō* and s.v. *kum̄pis*), implying both authors hesitated between a one-word and two-word spelling. A similar analysis could apply to Ruhig’s *Szunsûdega* (= Mielcke’s *Szuns Ūdega*; cf. LKŽ s.v. *šuō*, *uodegà*).

Finally, *uodēgis* ‘someone with a tail’, while being a theoretically possible formation,¹⁶ is only recorded lexicographically in the LKŽ, where it ultimately derives from Kurschat’s dictionary. Considering that his other glosses are merely carried over from Nesselmann, it is possible that “der oder die mit dem Schwanz” is a constructed literal sense, which would not be uncharacteristic of Kurschat’s lexicographical style.¹⁷ We might interpret Kurschat’s qualification “doch mehr in der Zstz.” as implying that he had in fact only heard the word as a second member of compounds. Regardless, it must be admitted that Garšva (1996, 145) does report a form *vuodēg’ai* ‘skētēs’ (cf. DLKŽ s.v. *sketē* = a kind of dragonfly, *Libellula*) from the extinct dialect of Ciskodas in Latgalia.¹⁸

In conclusion, even if the possible existence of a form *uodēgis* ‘someone with a tail’ cannot strictly be rejected, it seems clear that the senses ‘flatterer’ and ‘fox’ have both resulted from misunderstandings, the former on the part of Nesselmann, and the latter, apparently, on the part of A. Schirmer.¹⁹ In any case, even without *uodēgis*, there still remain some convincing examples for the semantic shift ‘tail’ > ‘fox’: Welsh *llostog* (“Llostawg a. (llost ['tail']) Having a tail, or trail; also an epithet for the fox”, Owen Pughe 1832 2, 292), Torwali *pūš* ‘fox’ (< **pucchin-* ‘tailed’, according to CDIAL, 467) and probably Castilian *raposa* ‘fox’ (~ *rabo* ‘tail’); see Palmér et al. (2021, 16).

¹⁶ Although common gender nouns in *-is/-ē* are rarely denominative, some parallels can be found, e.g. *kupris* (beside *kuprýs*) *-ē* ‘hunchback’ (< *kuprā* ‘hump’), *rāgis*, (Suvalkija) *rāgis -ē* ‘horned animal’ (< *rāgas* ‘horn’). See also Ambrazas (2000, 131).

¹⁷ Compare, for instance, *faulépūlis* ‘eigentlich Sonnenfall, nach Ruhig: Abend.’ (Kurschat 1883, 367, listed in square brackets), *skribinis* ‘eigentlich etwas Raschelndes’ (idem, 383; otherwise unattested in this sense, according to the LKŽ), etc.

¹⁸ A Google search reveals a couple of instances of *uodegis* ‘tailed one’ as a nonce back-formation from *beuodegis* ‘the one without a tail’ (e.g. “mūsų uodegiai ir beuodegiai” in a dog interest group on Facebook).

¹⁹ LKŽ has an additional word, *uodēgius*, which it identifies with *uodēgis* ‘flatterer’, but the sole illustrative sentence, quoted from Juška, does not seem to attest to the meaning ‘flatterer’ at all, but rather ‘loiterer’: *Eik, uodēgiau, tu tik vēpsai kaip uodegos skylē* (Juška apud LKŽ s.v. *uodēgius*). “Go away, *uodēgius*, you’re just standing there like a tail-hole(?)”. The form *uodēgiau* may well have been a spontaneous creation of the speaker.

5. Lv. **īls** and **ikls** ‘stockfinster’

In Ulmann’s *Lettisches Wörterbuch*, we find two remarkably similar entries:²⁰

“**ihls**, -a, stockfinster, *Neik.*” (Ulmann 1872, 84)

“**ikls**, -a, (f. ihls), stockfinster, *E.* (akls?)” (Ulmann 1872, 85)

It seems very suspicious that we find two graphically similar words with exactly the same gloss (not ‘finster’, nor ‘dunkel’, but specifically ‘stockfinster’), both of which are given on the authority of another author, so were probably unfamiliar to Ulmann himself.²¹ It seems *a priori* likely that at least one of the two has resulted from an error.

Despite this, both have been taken over uncritically in the secondary literature. Lv. *ikls* was already cited by Fick (1870a, 255–258; 1870b, 336) as a cognate of Lt. *āklas* ‘blind’ (cf. also Leskien 1884, 329: “lies ikls?”), and the Latvian word would go on to be featured in debates on the outcome of the Indo-European schwa in Baltic (e.g. Mikkola 1904, 99; Endzelīns 1923, 33).²² On the other hand, *ihls* was compared by Bezzemberger (1902, 164) with Gr. ἴλυς ‘mud, slime’, Russian *ул*, Slovene *il* (etc.) ‘silt, clay’, with the semantic difference bridged by the Hesychian gloss εἰλύ (= *ἴλύ?) · μέλαν ‘black’. Latvian *īls* has since routinely been included in this cognate set (e.g. Trautmann 1923, 103; ME 1, 836; Pokorny 1959, 499; Derksen 2015, 357).

Both forms seem to trace back to the German-Latvian dictionary of Fürrecker (dated 1650, cited according to the editions available at [senie.korpus.lv](#)). The two surviving manuscripts of this work contain an entry “ihls, Stockfinster”. However, since the second manuscript depends on the first, with errors mechanically copied from one to the other (Urbutis 1998,

²⁰ I would like to thank an anonymous reviewer for drawing my attention to some additional data which has led to a considerable revision of this discussion.

²¹ The word *ihls* also appears in the German–Latvian part of the dictionary under the entries ‘finster’ (Ulmann 1880, 287, beside *tūmfchs*) and ‘stockfinster’ (p. 675) and under ‘stockdunkel’ (p. 204, s.v. dunkel), but apparently never in the usage examples. Under ‘stockdunkel’, yet another form – *ikrs* – is listed. This is clearly an error and has not, to my knowledge, appeared elsewhere.

²² In *Aistiški studijai* (Büga 1908b, 98–99), *ikls* is presented as evidence for a sound law **a > i* in unstressed syllables.

310), these attestations cannot be regarded as independent. The form *ikls*, on the other hand, can be traced back as far as the 17th century *Manuale Lettico-Germanicum*, which reads “ikls stockfinster J.” (Fennell 2002, 168), in which the abbreviation “J.” refers to Fürecker (idem, 3). This form is also found in Elvers’ *Liber memorialis Letticus* (1748, 147, where we read “Stockfinster ikls”), which was Ulmann’s cited source.

Whether *ikls* or *ihls* should be given priority is not clear. In the surviving first manuscript of Fürecker’s dictionary, the word *ihls* appears in a section of the work written in a “careless, untidy hand” (Fennell 1997, 3, cited according to Schmalstieg 1998). Moreover, it is quite possible that the author of the *Manuale* had access to Fürecker’s original manuscript rather than one of the copies known to us. On the other hand, Fennell (2002, 4) remarks that occasional instances of confusion between {k} and {h} are indeed known from the *Manuale*. At any rate, the form *ikls* is unattested elsewhere, with Stender (1761, 52) already noting the word as unfamiliar to him (cf. also Wellig 1828, 49).

On the other hand, it is difficult not to remark on the conspicuous similarity of the form *ikls* to Lv. *akls* ‘lichtlos, finster, dunkel’ (ME 1, 63; cf. Ulmann’s note “(akls?)”). True, as an anonymous reviewer points out to me, the antiquity of this sense in Latvian is not confirmed: the oldest attestations I have found are “Akls meschs, ein dunkler Wald” (Ulmann 1872, 7), and a riddle adduced by Bielenstein (1881, 36; attributed to a Lehrer Ahbel from Valka) where *akla meita* ‘eine blinde Tochter’ stands for the night: “Akls ist doppelsinnig, und heißt nicht bloß: blind [...], sondern auch: finster”. However, the latter attestation does lend some credibility to this word’s dialectal use in this sense, and we can add that the polysemy ‘blind, dark’ is characteristic of the area, with Estonian *pime* and Livonian *pī'mdō* carrying both meanings (cf. Estonian *pime öö* ‘dark night’, *pime mees* ‘blind man’).

To summarize, it seems that *ikls* and *ihls* derive from the same source, and at least one of them is bound to be erroneous. It is possible, however, that both are: if we take the form *ikls*, given in the *Manuale*, as original, it is tempting to interpret this as an error for *akls*, which is reliably attested in this sense since the 19th century. At any rate, it is clear that the reliability of either form should not be taken for granted.

The examples discussed in this paper reveal the many different ways in which a ghost can be born. First, there are the errors of copyists: Latvian *īls* and *ikls* ‘pitch dark’ both trace back to a lost manuscript dictionary by Fürecker, and perhaps ultimately represent an error for Latvian *akls* ‘blind, pitch dark’. Second, we have the lexicographers: Lithuanian *kēmeras* ‘hemp agrimony’ appears to derive from Nesselmann’s incorrect interpretation of the obsolete term *kiemerai* ‘demon(s), incubus’, *uodēgis* ‘Fuchsschwänzer’ appears to be miscopied from Mielcke’s dictionary, and *bālas* ‘white’ may merely be Juška’s rationalization of *bālas* ‘anemone’. Finally, the fault may lie with the etymologists: even a scholar of the calibre of Būga may be susceptible to overinterpretation. His translation of (*at-*)*sálти* as ‘to flow’ may have been driven more by his wishful thinking than by the context of its attestation, while Schirmer’s eagerness to support the Germanic etymology of the word for ‘fox’ led him to incorrectly read Kurschat’s *uodēgis* as a term for the animal.

Most academic dictionaries are based on compilations of previous lexica. The broader their scope, the more useful they are to comparative linguists, but at the same time, the less feasible it is for the individual forms to be verified. As a result, erroneous data tend to be copied uncritically from dictionary to dictionary, and in some cases, have survived until the modern day. Unfortunately, once a form appears in a respected reference work, it is rather difficult to prevent its further propagation. The Lithuanian ghost word **nuodu* ‘us two’, 28 years after it was debunked by Sabaliauskas (1976), still resurfaced in Fortson’s well-loved handbook (2004, 127), and with it has undoubtedly entered the classrooms and minds of a whole generation of Indo-Europeanists. In this spirit, even if the conclusions in this paper are accepted, I imagine that we will continue to see the ghosts discussed herein for many years to come. Whatever the case may be, I hope that this modest contribution will serve as a motivation for other scholars to join in the reevaluation and refinement of the East Baltic lexicon.

DĖL KELETO POTENCIALIUŽ ŽODŽIŲ NEBUVĖLIŲ BALTŲ KALBOSE

Santrauka

Straipsnyje nagrinėjami penki rytų baltų kalbų abejotinos kilmės žodžiai. (1) Lie.
kēmeras ‘toks augalas (*Eupatorium*)’ atsiradęs dėl Nesselmanno neteisingos nebevartojamo
žodžio *kiemerai* ‘kaukas, slogutis’ interpretacijos ir patekės į bendrinę kalbą per botaninę
literatūrą; (2) sálti ‘tekėti’ žinomas tik iš vienintelio K. Jauniaus pavartojoimo. Semantiškai
ji galima interpretuoti ir kaip ‘šliaužti, sélinti’ bei sieti su seléti ‘sélinti’. Alternatyvių
interpretacijas leidžia ir kitos su šia šaknimi siejamos formos; (3) bālas ‘baltas’ žinomas tik
iš Juškos žodyno, kur jis gali atspindėti bandymą paaiškinti žodį bālas ‘plukė’, patvirtinamą
nepriklausomu žemaitišku šaltiniu; (4) uodēgis ‘lapė’, dažnai cituojamas germanistinėje
literatūroje, atsiradęs iš klaidingos glosos Kuršaičio žodyne. Savo ruožtu uodēgis
‘meilikautojas (*Fuchsschwänzer*)’, regis, atsiradęs Nesselmannui klaidingai perskaičius
Milkaus žodyną; (5) tiek la. *(ihls)*, tiek ikls ‘labai tamsus (*stockfinster*)’ pėdsakai veda
iki neišlikusio Füreckerio rankraštinio žodyno; vienas jų beveik neabejotinai yra klaida,
o užrašymą ikls maga interpretuoti kaip klaidą vietoj kitur paliudyto akls ‘aklas, labai
tamsus’.

REFERENCES

- ALEW² – Wolfgang Hock et al., *Altlitauisches etymologisches Wörterbuch*. Version 2.0.
Available online at: <http://alew.hu-berlin.de/dict/2>.
- Ambrasas, Saulius 2000, *Daiktavardžių darybos raida 2: Lietuvių kalbos vardaždiniai
vediniai*, Vilnius: Mokslo ir enciklopedijų leidybos institutas.
- Balsys, Rimantas 2009, Dėl J. Lasickio paminėtų dievybių Salaus, Klamals, Atlaibos,
Tawals kilmės bei funkcijų, *Res humanitariae* 5, 203–215.
- Baronas, Jonas 1967, *Rusų-lietuvių kalbų žodynas* 1–2, Vilnius: Mintis.
- Berneker – Erich Berneker, *Slavisches etymologisches Wörterbuch* 1–2, Heidelberg:
Winter, 1908–1913.
- Bezzenberger, Adalbert 1882, *Litauische Forschungen*, Göttingen: Poppmüller.
- Bezzenberger, Adalbert 1902 (rev.), Leo Meyer. Handbuch der griechischen
etymologie, *Beiträge zur Kunde der indogermanischen Sprachen* 27, 137–179.
- Bielenstein, August 1881, *1000 Lettische Räthsel, Uebersetzt und erklärt*, Mitau:
Sieslack.

Bopp, Franz 1833, *Vergleichende Grammatik des Sanskrit, Zend, Griechischen, Lateinischen, Litthauischen, Gothischen und Deutschen*, Berlin: Akademie der Wissenschaften.

Brodowski – Jacob Brodowský, *Lexicon Germanico-Lithuanicum et Lithuanico-Germanicum* [Manuscript]. Facsimile published at: <https://www.epaveldas.lt/preview?id=MAB04-000070816>.

Būga, Kazimieras 1908a, Kalbos dalykai. Kaip Kvėdarnos parapijoje (Reseinių apskrityje) tariama, *Viltis* 1908 (79, 80, 82, 83).

Būga, Kazimieras 1908b, *Aistiški studijai*, Peterburgas: Imperatoriškoji Mokslo Akademija.

Būga, Kazimieras 1909, *Kalbos dalykai (Quaestiones grammaticae)*, Kaunas: Banaitis.

Būga, Kazimieras [Buga, Kazimir] 1912, Slavjano-baltijskija ètimologii, *Russkij filologičeskij věstnik* 67, 232–250.

Būga, Kazimieras 1922, *Kalba ir senovė*, Kaunas: Švietimo ministerija [= Būga RR 2, 7–330].

Būga, Kazimieras 1930, *Baltica* v „Praslavjanskoj grammatike“ G. A. Il'inskogo, *Archivum Philologicum* 1, 37–68.

Būga RR – Kazimieras Būga, *Rinktiniai raštai* 1–3, sudarę Zigmą Zinkevičius, Vilnius: Valstybinė politinės ir mokslinės literatūros leidykla, 1958–1962.

CGL – *Clavis Germanico-Lithvana* [Manuscript]. Facsimile published in Vincentas Drotvinas (comp.) 1997, *Clavis Germanico-Lithvana* 1–4, Vilnius: Mokslo ir enciklopedijų leidykla.

Chronopolitanus 1893, Mažumas isz lietuviszkos botanikos, *Vienybė lietuvininkų* 1893(32), 382–383; 1893(33), 393–394.

DerkSEN, Rick 2015, *Etymological Dictionary of the Baltic Inherited Lexicon*, Leiden, Boston: Brill.

DLKŽ – Stasys Keinys (ed.), *Dabartinės lietuvių kalbos žodynas*, 7th edition, Vilnius: Lietuvių kalbos institutas, 2012. Online version (2021): <https://ekalba.lt/dabartines-lietuviu-kalbos-zodynus/>.

Drotvinas, Vincentas 1969, K. Jauniaus „Kalbos dalykai“, *Kalbos kultūra* 17, 82–89.

Drotvinas, Vincentas 1987, Dél „Clavis Germanico-Lithvana“ autoriaus, *Lietuvių kalbotyros klausimai* 26, 102–107.

Drotvinas, Vincentas 1995, Pastabos apie Frydricho Pretorijaus žodyną Clavis Germanico-Lithvana, in Vincentas Drotvinas (comp.), *Clavis Germanico-Lithvana* 1: A–E, Vilnius: Mokslo ir enciklopedijų leidykla, X–XXIV.

DWb – *Deutsches Wörterbuch von Jacob Grimm und Wilhelm Grimm* 1–33, Leipzig: Hirzel, 1854–1971.

EH – J[ānis] Endzelīns, E[dīte] Hauzenberga [J. Endzelin, E. Hausenberg],

Papildinājumi un labojumi K. Mülenbacha Latviešu valodas vārdnīcai / Ergänzungen und Berichtigungen zu K. Mühlenbachs Lettisch-deutschem Wörterbuch 1–2, Rīga, 1934–1946.

Elvers, Caspar 1748, *Liber memorialis Letticus, oder Lettisches Wörter-Buch*, Riga: Frölich.

Endzelīns, Jānis [Ja. Èndzelin'] 1911, *Slavjano-baltijskie ètudy*, Harkov: Zil'berberg".

Endzelīns, Jānis [J. Endzelin] 1923, *Lettische Grammatik*, Heidelberg: Winter.

EWAhd – Albert L. Lloyd, Otto Springer, Rosemarie Lühr (eds.), *Etymologisches Wörterbuch des Althochdeutschen* 1–, Göttingen, Zürich: Vandenhoeck & Ruprecht, 1988–.

Fennell, Trevor G. 1997, *Fürecker's Dictionary: The First Manuscript*, Rīga: Latvijas akadēmiskā bibliotēka.

Fennell, Trevor G. 2002, *A Concordance to the "Manuale Lettico-Germanicum"* 1: A-O, Rīga: Latvijas akadēmiskā bibliotēka.

Fick, F. C. August 1868, *Wörterbuch der indogermanischen Grundsprache*, Göttingen: Vandenhoeck & Ruprecht.

Fick, F. C. August 1870a, Etymologische beiträge, *Zeitschrift für vergleichende Sprachforschung auf dem Gebiete des Deutschen, Griechischen und Lateinischen* 19(4), 247–264.

Fick, F. C. August 1870b, *Vergleichendes Wörterbuch der indogermanischen Sprachen*, 2. Auflage, Göttingen: Vandenhoeck & Ruprecht.

Fick, F. C. August 1874–1876, *Vergleichendes Wörterbuch der indogermanischen Sprachen* 1–4, 3. Auflage, Göttingen: Vandenhoeck & Ruprecht.

Fortson, Benjamin W. 2004, *Indo-European Language and Culture: An Introduction*, Oxford: Blackwell.

Fraenkel LEW – Ernst Fraenkel, *Litauisches etymologisches Wörterbuch* 1–2, Heidelberg: Winter, Göttingen: Vandenhoeck & Ruprecht, 1955–1966.

Frisk – Hjalmar Frisk, *Griechisches etymologisches Wörterbuch* 1–3, Heidelberg: Winter, 1954–1972.

Garšva, Kazimieras 1996, Ciskodo lietuvininkų apylinkių šnekta, *Lietuvių kalbotyros klausimai* 36, 138–147.

Gliwa, Bernd 2008, Ist lit. *túopa* 'Pappel' wirklich ein Erbwort?, *Baltistica* 43(2), 239–244.

Hagen, Karl Gottfried 1818, *Preussens Pflanzen*, Königsberg: Nicolovius.

Hyllested, Adam 2004, Greek λωτός 'lotus' and the Indo-European words for 'blue', in James Clackson, Birgit Anette Olsen (eds.), *Indo-European Word Formation*, Copenhagen: Museum Tusculanum Press, 59–64.

Jacoby, Karl Rudolf 1887, Litauische Pflanzennamen, *Mittelungen der Litauischen Litterarischen Gesellschaft* 2, 133–143.

Juška – [Antanas Juška], *Litovskij slovar' A. Juškeviča s" tolkovaniem" slov" na russkom" i połskom" jazykach*, Sanktpeterburg": Tipografiya Imperatorskoj Akademii Nauk", 1897–1904.

Karaliūnas, Simas 2004, *Baltų praeitis istoriniuose šaltiniuose* 1, Vilnius: Lietuvių kalbos institutas.

Kluge, Schirmer 1951 – Friedrich Kluge, Alfred Götz, *Etymologisches Wörterbuch der deutschen Sprache*, 15. Auflage, unter Mithilfe von Hans Krahe besorgt von Alfred Schirmer, Berlin: De Gruyter, 1951.

Kluge, Seibold 2011 – Friedrich Kluge, *Etymologisches Wörterbuch der deutschen Sprache*, 25. Auflage, bearbeitet von Elmar Seibold, Berlin, New York: De Gruyter, 2011.

Kregždys, Rolandas 2012, *Baltų mitologemų etimologijos žodynas*, Vilnius: Lietuvos kultūros tyrimų institutas,

Kroonen, Guus J. 2013, *Etymological Dictionary of Proto-Germanic*, Leiden, Boston: Brill.

Kroonen, Guus J., Alexander Lubotsky 2009, Proto-Indo-European **tsel-* ‘to sneak’ and Germanic **stelan-* ‘to steal, approach stealthily’, *Studia Etymologica Cracoviensia* 14, 237–241.

Kuršaitis – Alexander Kurschat [Aleksandras Kuršaitis], *Litauisch-deutsches Wörterbuch / Lietuviškai-vokiškas žodynas* 1–4, herausgegeben von Wilhelm Wissmann und Erich Hofmann, Göttingen: Vandenhoeck & Ruprecht, 1968–1973.

Kurschat, Friedrich 1870, *Wörterbuch der litauischen Sprache* 1: *Deutsch-litauisches Wörterbuch*, Halle: Waisenhaus.

Kurschat, Friedrich 1883, *Wörterbuch der litauischen Sprache* 2: *Litauisch-deutsches Wörterbuch*, Halle: Waisenhaus.

Kutzelnigg, Artur 1980, Der Tiername “Fuchs” – durch den arteigentümlichen Geruch motiviert, *Muttersprache* 90, 185–188.

Kuzavinis, Kazimieras 1966, Etymologica, *Baltistica* 1, 177–184.

Lalis, Anthony [Antanas Lalis] 1915, *A Dictionary of the Lithuanian and English Languages*, 3rd edition, Chicago: Lietuva.

Lange, Jacob 1772–1773, *Vollständiges deutschlettisches und lettischdeutsches Lexicon* 1–4, Mitau: Steffenhagen.

LBŽ – Jonas Dagys (ed.), *Lietuvių botanikos žodynas* 1: *Augalų vardynas, botaniškoji farmakognozinė nomenklatura ir augalų sistema*, Kaunas: Varpas, 1938.

Leskien, August 1884, *Der Ablaut der Wurzelsilben im Litauischen*, Leipzig: Hirzel.

LIV – Helmut Rix et al. (eds.), *Lexicon der indogermanischen Verben*, 2. Auflage, Wiesbaden: Reichert, 2001.

- LKŽ – *Lietuvių kalbos žodynas* 1–20, Vilnius, 1941–2002.
- Marzell – Heinrich Marzell, *Wörterbuch der deutschen Pflanzennamen* 1–4, Leipzig: Hirzel; Stuttgart, Wiesbaden: Steiner, 1943–1979.
- Matulionis, Povilas 1906, *Žolynas* 2: *Lietuvas augalų žodynas ir augalų taislas*, Vilnius: Kukta.
- Matzenauer, Antonín 1880, Příspěvky ke slovanskému jazykozpytu, *Listy filologické* 7, 1–48, 161–224.
- ME – K. Mühlenbacha *Latviešu valodas vārdnīca* / K. Mühlenbachs *Lettisch-deutsches Wörterbuch* 1–4, redīgējis, papildinājis, turpinājis J. Endzelīns / redigiert, ergänzt und abgeschlossen von J. Endzelin, Rīga, 1923–1925.
- Mielcke, Christian 1800, *Littauisch-deutsches und Deutsch-littauisches Wörter-Buch* 1–4, Königsberg.
- Miežinis, Mykolas 1894, *Lietuviškai-latviškai-lenkiszkai-rusiszkas žodynas*, Tilžė: Noveskis.
- Mikkola, Jooseppi J. 1904, Woher lit. *iau* und slav. *ju?*, *Indogermanische Forschungen* 16, 95–101.
- Miklosich, Franz von 1865, *Lexicon palaeoslovenico-graeco-latinum*, Wien: Braumüller.
- Miklosich, Franz von 1878, *Altslovenische Lautlehre*, 3. Auflage, Wien: Braumüller.
- Nesselmann, Georg H. F. 1851, *Wörterbuch der litauischen Sprache*, Königsberg: Gebrüder Borntraeger.
- Niemenen, Eino 1951, Indoeuropäische und ostseefinnische Ausdrücke für Hummel, *Lingua Posnaniensis* 3, 187–204.
- Otrębski, Jan 1965, *Gramatyka języka litewskiego* 2: *Nauka o budowie wyrazów*, Warszawa: Państwowe Wydawnictwo Naukowe.
- Owen Pughe, William 1832, *A Dictionary of the Welsh Language*, 2nd edition, Denbigh: Thomas Gee.
- Pabréža, Jurgis A. 1834, *Waardaa tayslyyne Augimiu atsyraqdantiu Augmyniicžioo žemaytyyniee*. Accessed online at <https://www.epaveldas.lt/preview?id=C10000689960>.
- Palmér, Axel I., Anthony Jakob, Rasmus Thorso, Paulus van Sluis, Cid Swanenvleugel, Guus Kroonen 2021, Proto-Indo-European ‘fox’ and the reconstruction of an athematic *k*-stem, *Indo-European Linguistics* 9, 1–30.
- Philippa et al. – Marlies Philippa, Frans Debrabandere, Arend Quak (eds.), *Etymologisch woordenboek van het Nederlands*, Amsterdam: University Press, 2003–2009.
- Pokorný, Julius 1959, *Indogermanisches etymologisches Wörterbuch*, Bern, München: Francke.
- Ruhig, Philipp 1747, *Littauisch-Deutsches und Deutsch-Littauisches Lexicon* 1–2, Königsberg: Hartung.

- Sabaliauskas, Algirdas 1976, Dél lie. formos nuodu ‘mudu’, *Baltistica* 12(2), 167.
- Schiller, Christiane 2006, Überlegungen zu Geisterwörtern im Lietuvių kalbos žodynas, in Stephan Keßler and Christiane Schiller (eds.), *Navicula litterarum Balticarum für Jochen D. Range*, Wiesbaden: Harrassowitz, 131–136.
- Schmalstieg, William R. 1998 (rev.), Trevor G. Fennell, *Fürecker's dictionary: the first manuscript*, *Lituanus* 44(1), 75–76.
- Šlapelis, Jurgis 1921, *Lietuvių ir rusų kalbos žodynas* 1, Vilnius: Žaibas.
- Smetonienė, Anželika 2020, Nejprastos žodžių reikšmės Konstantino Sirvydo žodyne „Promptuarium dictionum Polonicarum, Latinarum et Lituanicarum“, *Gimtoji kalba* 2020(10), 8–13.
- Smoczyński, Wojciech 1982, Indoeuropejskie podstawy słownictwa bałtyckiego, *Acta Baltico-Slavica* 14, 211–240.
- Smoczyński, Wojciech 2018, *Lithuanian Etymological Dictionary*, Berlin: Peter Lang.
- Stender, Gotthard Friederich 1761, Entwurf eines lettischen Lexici, in Idem, *Neue vollständigere lettische Grammatik*, Braunschweig: Waisenhaus.
- Stender Gotthard Friederich 1789, *Lettisches Lexikon*, Mitau: Steffenhagen.
- Trautmann, Reinhold 1923, *Baltisch-slavisches Wörterbuch*, Göttingen: Vandenhoeck & Ruprecht.
- Triškaitė, Birutė 2007, Johanno Jacobo Dentzlerio vokiečių–lotynų leksikografijos darbas *Clavis Germanico-Latina* – dar vienas rankraštinių žodyno *Clavis Germanico-Lithvana* šaltinis, *Archivum Lithuanicum* 9, 9–38.
- Ulmann, Carl Christian 1872, *Lettisches Wörterbuch 1: Lettisch-deutsches Wörterbuch*, Riga: Brutzer.
- Ulmann, Carl Christian 1880, *Lettisches Wörterbuch 2: Deutsch-leittisches Wörterbuch* (ed. Gustav Brache), Rīga, Leipzig: Brutzer.
- Urbutis, Vincas 1990, Žodžiai nebuvėliai, *Baltistica* 26(1), 83–86.
- Urbutis, Vincas 1998 (rev.), Trevor G. Fennell, *Fürecker's dictionary: the second manuscript*, *Baltistica* 33(2), 309–311.
- Vasmer REW – Vasmer Max, *Russisches etymologisches Wörterbuch 1–3*, Heidelberg: Winter, 1953–1958.
- Vasmer, Trubačëv – Maks Fasmer, *Ètimologičeskij slovar' russkogo jazyka 1–4*, perevod s nemeckogo i dopolnenija akademika RAN O. N. Trubačeva, Moskva: Progress, 1986–1987.
- Vitkauskas, Vytautas 2006, *Lietuvių kalbos žodyno taisymai*, Vilnius: Lietuvių kalbos institutas.
- Walde, Pokorny – Alois Walde, *Vergleichendes Wörterbuch der indogermanischen Sprachen 1–3*, herausgegeben und bearbeitet von Julius Pokorny, Berlin, Leipzig: De Gruyter, 1927–1932.

Wellig, Arnold 1828, *Beiträge zur lettischen Sprachkunde*, Mitau: Steffenhagen und Sohn.

Zinkevičius, Zigmas 1979, *Kazimieras Būga: Gyvenimas ir darbai*, Vilnius: Moksłas.

Zupitza, Ernst 1896, *Die germanischen Gutturale*, Berlin: Weidmann.

Anthony JAKOB

Leiden University Centre for Linguistics

Postbus 9515

2300 RA Leiden

The Netherlands

[a.m.jakob@hum.leidenuniv.nl]