Archaisms and Innovations through the History of the Phrygian Language: The Position of Phrygian in the Indo-Euoropean Language Family

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1. Introduction

Table 1: Outcomes Attested in Phrygian Phonology

PIE	OPhr.	NPhr.	PIE	OPhr.	NPhr.	PIE	OPhr.	NPhr.
*e	+	+	*m̥	+	+	*t	+	+
*o	+	+	*n̥	–	–	*d	+	+
*ē	+	+	*r̥	+	+	*dʰ	+	+
*ō	+	+	*l̥	–	–	*k	+	+
*m̂	+	+	*i̯	+	+	*g	–	–
*n̂	+	+	*u̯	–	+	*gʰ	–	+
*r̂	+	+	*h₁	+	+	*kʷ	+	+
*l̂	–	+	*h₂	+	+	*gʷ	–	+
*î	+	+	*h₃	+	–	*gʷʰ	–	+
*û	+	+	*s	+	+	*(ḱ)	+	+
*h₁̂	+	+	*p	+	+	*(ǵ)	+	+
*h₂̂	+	+	*b	–	–	*(ǵʰ)	+	+
*h₃̂	–	–	*bʰ	+	+	–	–	–

Table 2: Forms Attested in Phrygian Nominal Morphology

	o-stems		*a*-stems		*e*-stems		*i*-stems		*u*-stems		*C*-stems	
	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.
nomsg	+	+	+f, m	+	+	–	+	–	+	–	+	+
gensg	–	+	–	+	+	–	–	–	–	–	+	+
datsg	+	+	+	+	–	–	–	–	–	–	+	+
accsg	+	+	+	+	–	–	+	+	–	–	+c, n	+c, n
vocsg	–	–	–	–	–	–	–	–	–	–	–	–
nompl	–	+m, n	–	+	–	–	–	–	–	–	–	+c, n
genpl	–	+n	–	–	–	–	–	–	–	–	–	–
datpl	–	+	–	–	–	–	–	–	–	–	–	–
accpl	+c, n	+n	–	+	–	–	–	–	–	–	+	–
vocpl	–	–	–	–	–	–	–	–	–	–	–	–

m — masculinum; f — femininum; c; — commune (masculinum and femininum); n — neutrum.

Table 3 & 4: Forms Attested in Phrygian Verbal Morphology

	ind praes act		ind aor act		ind pf act		ipv act		subj act		opt act	
	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.
1sg	–	–	–	–	–	–	–	–	–	–	–	–
2sg	–	–	–	–	–	–	–	–	–	–	–	–
3sg	+	+	+	+	–	–	–	+	+?	–	+?	–
1pl	–	–	–	–	–	–	–	–	–	–	–	–
2pl	–	–	–	–	–	–	–	–	–	–	–	–
3pl	–	–	–	–	–	+	–	+	–	–	–	–

	ind praes med		ind aor med		ind pf med		ipv med		subj med		opt md	
	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.	OPhr.	NPhr.
1sg	–	–	–	–	–	–	–	–	–	–	–	–
2sg	–	–	–	–	–	–	–	–	–	–	–	–
3sg	–	+	+	+	–	–	+	+	+?	–	–	–
1pl	–	–	–	–	–	–	–	–	–	–	–	–
2pl	–	–	–	–	–	–	–	–	–	–	–	–
3pl	–	–	–	–	–	–	–	–	–	–	–	–

2. Innovations and Archaisms in Phrygian Phonology

2.1 Archaisms

2.1.1 short vowels: PIE ***e*** > OPhr. 𐤠 ***e***, NPhr. **ε**
cf. e.g. OPhr. 𐤊𐤠 *k****e*** (P-03), NPhr. κ**e** (passim) < PIE *k^{u}***e*** ‘and’
= Arm. ***e***, G **ε**, Lat. ***e***

2.1.2 short vowels: PIE ***o*** > OPhr. 𐤏 ***o***, NPhr. **o**
cf. e.g. *o*-stem nom sg OPhr. -𐤏𐤎 -***o****s*, NPhr. -**o**ς < PIE *-***o***-*s*
= Arm. ***o***, G **o**, Lat. ***o***

2.1.3 long vowels: PIE ***ō*** > OPhr. 𐤏 ***o***, NPhr. **ou**
cf. e.g. 3sg ipv OPhr. -𐤅𐤏 -*d****o***, NPhr. -δ**ou** < PIE *-*$t^{s}d^{h}$*-***ō***(*d*)
= (Arm. ***u***), G **ω**, Lat. ***ō***

2.1.4 non-syllabic nasals: PIE ***m*** > OPhr. 𐤌 ***m***, NPhr. **μ**
cf. e.g. OPhr. 𐤌𐤀𐤕𐤀𐤓 ***m****atar* (W-04, B-01), NPhr. **μ**αταρ (18) < PIE *$\mathbf{m}eh_2$-ter-s* ‘mother’ (> *$\mathbf{m}eh_2$-tēr-ø*)
= Skt. ***m***, Av. ***m***, OP ***m***, Arm. ***m***, G **μ**, Lat. ***m***

2.1.5 non-syllabic nasals: PIE ***n*** > OPhr. 𐤍 ***n***, NPhr. **v**
cf. e.g. OPhr. 𐤏𐤍𐤏𐤀𐤍 *o****n****oman* (W-01) < *$\mathbf{h}_{2}\mathbf{n}h_{3}$-mn̥-ø* ‘name’, NPhr. κ**v**αικαν (116) < PIE *g^{u}***n**- ‘woman’
= Skt. ***n***, Av. ***n***, OP ***n***, Arm. ***n***, G **v**, Lat. ***n***

2.1.6 non-syllabic liquids: PIE ***r*** > OPhr. 𐤓 ***r***, NPhr. **ρ**

cf. e.g. OPhr. 𐤌𐤀𐤕𐤀𐤓 *mata**r*** (W-04, B-01), NPhr. ματα**ρ** (18) < PIE *meh_2-te**r**-s* 'mother' (> *meh_2-tē**r**-ø*)

= Skt. ***r***, Av. ***r***, OP ***r***, Arm. ***r***, G **ρ**, Lat. ***r***

2.1.7 non-syllabic liquids: PIE ***l*** > OPhr. **–**, NPhr. **λ**

cf. e.g. NPhr. ζεμε**λ**ως 'mortal' (passim) < *$d^hǵ^hem$-e**l**- 'earth; man'

= Skt. ***l*** (/*r*), Arm. ***l***, G **λ**, Lat. ***l***

2.1.8 non-syllabic semivowels: PIE ***i̯*** > OPhr. 𐤉/𐤔 ***i***/***y***, NPhr. **ι**

cf. e.g. 𐤉○𐤎 ***i**os* (P-06) / 𐤔○𐤎 ***y**os* (passim), NPhr. **ι**ος (passim) < PIE **H**i**-o-s* 'which'

= Skt. ***y***, Av ***y***, ***ii***, OP ***y***, Lat. ***i*** (/ø)

2.1.9 non-syllabic semivowels: PIE ***#u̯-*** > OPhr. 𐤅 ***v***, NPhr. **ου**

cf. e.g. OPhr. 𐤅𐤀𐤌𐤀𐤊𐤕𐤄𐤉 ***v**anaktei* (M-01), NPhr. **ου**ανακταν (88) < G **ϝ**ανακτ- 'king'

= Skt. ***v***-, Av. ***v***-, OP ***v***-, G dial. **ϝ**-, Lat. ***v***-

2.1.10 non-syllabic semivowels: PIE ***Vu̯V*** > OPhr. 𐤅(/ ø) ***v*** (/ ø), NPhr. **ου** (/ ø)

cf. e.g. OPhr. 𐤕𐤉𐤅○(𐤎) *ti**v**o(s)* (B-01), NPhr. τιος (passim) 'Zeus' < PIE **di-**u̯**-os* 'Dyeus'

= Skt. ***v***, Av. ***uu***, OP ***v***, G **ø**, dial. **ϝ**, Lat. ***v***

2.1.11 syllabic semivowels: PIE ***i*** > OPhr. 𐤉 ***i***, NPhr. **ι**

cf. e.g. OPhr. 𐤕𐤉𐤅○(𐤎) *ti**v**o(s)* (B-01), NPhr. τ**ι**ος (passim) 'Zeus' < PIE **d**i**-u̯-os* 'Dyeus'

= Skt. *i*, Av. *i*, OP *i*, G ι, Lat. *i*

2.1.12 syllabic semivowels: PIE ***u*** > OPhr. **–**, NPhr. **ου**

cf. e.g. NPhr. κν**ου**μαν (31, 116) 'grave' < PIE **kn**u***- 'to scratch'

= Skt. ***u***, Av. ***u***, OP ***u***, G **υ**, Lat. ***u***

2.1.13 fricatives: PIE ***-s#*** > OPhr. -𐤎 ***-s***, NPhr. **-ς**

cf. e.g. o-stem nom sg OPhr. -○𐤎 *-o**s***, NPhr. -ο**ς** < PIE **-o-**s***

= G **-ς**, Lat. ***-s***

2.1.14 labials: PIE ***p*** [p] > OPhr. 𐤐 ***p***, NPhr. **π**

cf. e.g. OPhr. 𐤄𐤌𐤄𐤐𐤀𐤓𐤊𐤄𐤎 *ene**p**arkes* (G-125), NPhr. ενε**π**αρκες (31) 'to inscribe' < PIE **p**ē**rḱ-* 'to scratch'

= Skt. ***p***, Av. ***p***, OP ***p***, G **π**, Lat. ***p***

2.1.15 labials: PIE ***b**h*** [b] > OPhr. 𐤁 ***b***, NPhr. **β**

cf. e.g. OPhr. 𐤁𐤄𐤅𐤋○𐤎 ***b**evdos* (B-01) 'image' < PIE **b**h**eud**h***- 'to perceive', NPhr. -**β**ερετ (passim) < PIE **b**h**er-* 'to carry'

= Av. ***b***, OP ***b***, Arm. ***b***

2.1.16 dentals: PIE ***t*** [t] > OPhr. 𐤕 ***t***, NPhr. **τ**

cf. e.g. OPhr. 𐤌𐤀𐤕𐤀𐤓 *ma**t**ar* (W-04, B-01), NPhr. μα**τ**αρ (18) < PIE **meh$_2$-**t**er-* 'mother' (> **meh$_2$-**t**ēr-ø*)

= Skt. ***t***, Av. ***t***, OP ***t***, G **τ**, Lat. ***t***

2.1.17 dentals: PIE ***d**h*** [d] > OPhr. 𐤍 ***d***, NPhr. **δ**

cf. e.g. OPhr. 𐤄𐤍𐤀𐤄𐤎 *e**d**aes* (passim), NPhr. ε**δ**αες (118) < PIE **d**h**eh$_1$-* 'to put, place'

= Av. ***d***, OP ***d***, Arm. ***d***

2.1.18 plain velars: PIE ***k*** [k] > OPhr. 𐤊 ***k***, NPhr. **κ**

cf. e.g. OPhr. 𐤊𐤄𐤌𐤄𐤌𐤀𐤌 ***k**eneman* 'niche' (M-01) < PIE **k**e**nh$_1$-* 'to dig', NPhr. **κ**νουμαν (31, 116) 'grave' < PIE **k**n**u-* 'to scratch'

= Skt. ***k***, Av. ***k***, OP ***k***, G **κ**, Lat. ***c***

2.1.19 plain velars: PIE ***g**h*** [g] > OPhr. **–**, NPhr. **γ**

cf. e.g. NPhr. γε**γ**ρειμεναν 'written' < PIE **g**h**reiH-* 'to smear, paint'

= Av. ***g***, OP ***g***, Arm. ***g***

2.2 Innovations

2.2.1 short vowels: PIE ***o*** > OPhr. ***u***, NPhr. **ou** – in front of PIE **N*

cf. e.g. *o*-stem acc sg OPhr. -ᚴᛘ -***u****n*, NPhr. -**ou**v / -**o**v < PIE acc sg *-***o***-*m*

= Arm. ***u***

2.2.2 short vowels: PIE ***e*** > OPhr. –, NPhr. ***i*** – in front of PIE **N*

c.f. e.g. NPhr. π**ι**νκε (116) < PIE **p****e****nkᵘe* 'five'

= Arm. ***i***

2.2.3 long vowels: PIE ***ē*** > OPhr. ᚫ ***a***, NPhr. **α**

cf. e.g. OPhr. ᛘᚫᛏᚫᚱ *mat****a****r* (W-04, B-01), NPhr. ματ**α**ρ (18) < PIE **meh₂-ter-s* 'mother' (> **meh₂-t****ē****r*)

2.2.4 non-syllabic nasals: PIE *-***m***# > OPhr. -ᛘ -***n***, NPhr. -**v**

cf. e.g. *o*-stem acc sg OPhr. -ᚴᛘ -*u****n***, NPhr. -ου**v** / -ο**v** < PIE acc sg **-o-****m***

= G -**v**

2.2.5 non-syllabic laryngeals: PIE ***h₁*** > OPhr. **ø**, NPhr. **ø**

cf. e.g. augm OPhr. ᛓ- *e*-, NPhr. ε- < PIE ****h₁****e*-

= Skt. **ø**, Av. **ø**, OP **ø**, Arm. **ø**, G **ø**, Lat. **ø**

2.2.6 non-syllabic laryngeals: PIE ***h₂*** > OPhr. **ø**, NPhr. **ø**

cf. e.g. OPhr. -ᚫᚠᛏᚴᛘ -*avtun* (W-01), NPhr. αυτος (33, 36) < PIE ****h₂****eu+t-o*- 'self'

= Skt. **ø**, Av. **ø**, OP **ø**, G **ø**, Lat. **ø**

2.2.7 non-syllabic laryngeals: Lex Rix, i.e. PIE ****H****C*- > PIE ****Ḥ****C*- > OPhr. ᛓ ***e***- / **–** / ∘ ***o***-, NPhr. **–** /**α-** / **–**

cf. e.g. OPhr. ᛓᚠ ***e****v*- 'well' (passim) < PIE ****h₁****su*- (> ****ḫ****₁su*-)

cf. e.g. NPhr. **α**ναρ (15) < PIE ****h₂****ner-s* 'man' (> ****ḫ₂****ner-s* > ****ḫ₂****nēr-ø*)

cf. e.g. OPhr. ∘ᛘ∘ᛘᚫᛘ ***o****noman* (W-01) < PIE ****h₃****nḫ₃-mn̥-ø* 'name' (> ****ḫ₃****nḫ₃-mn̥-ø*)

= Arm. **e**- / ***a***- / ***o***-, G **ᾰ̓**- / **ᾰ̔**- / **ὸ**-

2.2.8 syllabic liquids: PIE ****Ṛḫ₃****C* > ****Rₒ̓****C* > PPhr. ****Rō****C* > OPhr. **–**, NPhr. RouC

cf. e.g. NPhr. γ**λου**ρεος (126) < PIE **g****l̥h₃****-r-o*- 'golden'

= G **Rω**

2.2.9 syllabic liquids: PIE ****Ṛ****H*V > OPhr. **–**, NPhr. **αρ**

cf. e.g. NPhr. γεγ**αρ**ιτμενος 'devoted to' (33, 36) < PIE **gʰ****r̥H****-i-t*- 'to desire, enjoy'

= Av. ***aR***, Arm. ***ar***, G **αR**, Lat. ***ar***

2.2.10 syllabic nasals: PIE *-***m̥***# > OPhr. -ᚫᛘ -***an***, NPhr. -**αv**

cf. e.g. C-stem acc sg OPhr. -ᚫᛘ -***an***, NPhr. -**αv** < PIE acc sg *-***m̥***

2.2.11 syllabic laryngeals: PIE **Ch̥₁(C)* > OPhr. ᛓ ***e***, NPhr. **ε**

cf. e.g. OPhr. ᚴᛓᛘᛓᛘᚫᛘ *ken****e****man* 'niche' (M-01) < PIE **ken****ḫ̥₁****-mn̥-ø* < **kenh̥₁*- 'to dig',

NPhr. δ**ε**ως 'god' (passim) < **dʰh₁-s*-

= G **ε**

2.2.12 syllabic laryngeals: PIE **Ch̥₂(C)* > OPhr. ᚫ ***a***, NPhr. **α**

cf. e.g. ᚴᚫᛏᚱᛁᛇᛁᛜᛁᛊ *p****a****triyiois* (B-04), cf. e.g. NPhr. π**α**τερης (93) < PIE **ph₂-ter*- 'father'

= G **α**

2.2.13 syllabic laryngeals: PIE **Ch̥₃(C)* > OPhr. ∘ ***o***, NPhr. **–**

cf. e.g. OPhr. ∘ᛘ∘ᛘᚫᛘ *on****o****man* (W-01) < PIE **h₃n****ḫ̥₃****-mn̥-ø* 'name' (> **ḫ̥₃n****ḫ̥₃****-mn̥-ø*)

= G **o**

2.2.14 fricatives: PIE ***#s**- > PPhr ***h** > OPhr. **ø**-, NPhr. **ø**-

cf. e.g. OPhr. 𐤀𐤌-𐤄𐤂𐤄𐤕𐤉 *an-egeseti* (P-04), NPhr. εγεδου (passim) < PIE ***s**eǵ*^{h}*-e-* 'to hold'

= PArm. ***h** > Arm. **ø**, PG *h > G ʿ

2.2.15 fricatives: PIE *V**s**V > PPhr. *h > OPhr. **ø**, NPhr. **ø**

cf. e.g. OPhr. 𐤄𐤉𐤀𐤄𐤎 *edaes* (passim), NPhr. εδαες (118) < PIE *h_1*e-d*^{h}*eh$_1$*-s-es-t* 'to put, place' (> *h_1*e-d*^{h}*ē$^{?}$*-**s**-es-t*)

= Arm. **ø**, G **ø**

2.2.16 dentals: PIE ***d*** ['d] > PPhr. *[t'] > OPhr. 𐤕 ***t***, NPhr. **τ**

cf. e.g. OPhr. 𐤕𐤉𐤅ₒ(𐤎) ***t**ivo(s)* (B-01), NPhr. **τ**ιος (passim) 'Zeus' < PIE ***d**i-u̯-os* 'Dyeus'

= Arm. ***t***

2.2.17 palatovelars: PIE ***ḱ*** [ḱ] > OPhr. 𐤊 ***k***, NPhr. **κ**

cf. e.g. OPhr. 𐤄𐤌𐤄𐤓𐤀𐤐𐤊𐤄𐤎 *enepar**k**es* (G-125), NPhr. ενεπαρ**κ**ες (31) 'to inscribe' < PIE *pērǩ- 'to scratch'

= G **κ**, Lat. ***c***

2.2.18 palatovelars: PIE ***ǵ*** ['ǵ] > PPhr. *[k'] > OPhr. 𐤊 ***k***, NPhr. **κ**

cf. e.g. OPhr. 𐤌𐤄𐤊𐤀𐤎 *me**k**as* (*passim*) < PIE *me***ǵ**-h$_2$-s 'great', NPhr. **κ**ενα (35) < PIE ***ǵ**enh$_1$-es-h$_2$* 'generation'

2.2.19 palatovelars: PIE ***ǵ^{h}*** [ǵ] > OPhr. 𐤂 ***g***, NPhr. **γ**

cf. e.g. OPhr. 𐤀𐤌-𐤄𐤂𐤄𐤕𐤉 *an-e**g**eseti* (P-04), NPhr. ε**γ**εδου (passim) < PIE *se***ǵ^{h}***-e-* 'to hold'

2.2.20 labiovelars: PIE ***kᵘ*** [k^{w}] > OPhr. 𐤊 ***k***, NPhr. **κ**

cf. e.g. OPhr. 𐤊𐤄 ***k**e* (P-03), NPhr. **κ**e (passim) < PIE ***kᵘ**e* 'and'

= Skt. ***k***, Av. ***k***, OP ***k***, PArm. ***k** (> Arm. *k*ʿ)

2.2.21 labiovelars: PIE ***gᵘ*** ['g^{w}] > PPhr. *[k'] > OPhr. **–**, NPhr. **κ**

cf. e.g. NPhr. **κ**ναικαν (116) < PIE ***gᵘ**n-* 'woman'

2.2.22 labiovelars: PIE ***gᵘʰ*** [g^{w}] > OPhr. **–**, NPhr. **γ**

cf. e.g. τιδρε**γ**ρουν (33) < PIE *d(u̯)is+d^{h}re**gᵘʰ**-r-o-* 'unenjoyable'

= Av. ***g***, OP ***g***, Arm. ***g***

2.2.23 miscellanea: PIE ***Ki̯-*** > PPhr. ***ts*** > OPhr. 𐤎- ***s***-, NPhr. **σ**-

cf. e.g. OPhr. ***s**i* (M-01) < PIE ***ki̯**-i-*, NPhr. **σ**ας (passim) < PIE ***ki̯**-eh$_2$-* 'this'

= G **σ**-

2.2.24 miscellanea: PIE ***nt*** > OPhr. **–**, NPhr. **νν**

cf. e.g. NPhr. 3pl ipv praes -**νν**ου < PIE *-***nt***-ō(*d*)

2.2.25 miscellanea: PIE *-***ns**# > OPhr. -𐤔𐤎# -***ys**# / -𐤉𐤎# -***is**#, NPhr. -**ις**# / -**ης**#

cf. e.g. *o*-stem acc pl OPhr. -ₒ𐤔𐤎 -***oys*** / -ₒ𐤉𐤎 -***ois*** (?) < PIE acc pl *-*o*-e***ns*** (> -***ōns***), *ā*-stem acc pl NPhr. -α**ις** / -α**ης** < PIE *-eh$_2$-***ns***

= G Aeol. -**ις**

3. Innovations and Archaisms in Phrygian Nominal and Verbal Morphology

3.1 Archaisms

3.1.1 *o*-stems: nom sg OPhr. -ₒ𐤎 -***os***, NPhr. -**ος** < PIE nom sg *-***o**-**s***

cf. e.g. OPhr. 𐤀𐤊𐤄𐤌𐤀𐤌ₒ𐤂𐤀𐤅ₒ𐤎 *akenanogav**os*** (title?) (M-01), NPhr. τιττετικμεν**ος** 'cursed' (passim)

= Skt. -***aḥ***, OAv. -***ə̄*** / -***ō***, YAv. -***ō***, OP -***a***, Arm. -***ø***, G -**ος**, OLat. -***os***, Lat. -***us***

3.1.2 *o*-stems: dat sg OPhr. -𐎹𐎢 -***oi*** / -𐎹𐎱 -***oy***, NPhr. -**ου** < PIE dat sg *-*o*-*ei* (> *-***ōi**)
cf. e.g. OPhr. 𐎠𐎢𐎹𐎺𐎠𐎭𐎹𐎢 *adoikavoi* (PN?) (G-02), NPhr. κορου 'ground' (92)
= Skt. -***āy***-*a*, OAc. -***āi*** / -***āi***(*i*)-*ā*, YAv. -***āi***, G -**ῳ**, OLat. -***ōi***, Lat. -***ō***

3.1.3 *o*-stems: acc sg OPhr. -𐎫𐎼 -***un***, NPhr. -**ουν** / -**ον** < PIE gen pl *-***o**-***m**
cf. e.g. OPhr. 𐎠𐎺𐎠𐎮𐎠𐎭𐎱𐎫𐎼 *akaragay**un*** 'part of monument?' (M-02), NPhr. δετ**ον** (116) / δετ**ουν** (31) 'monument'
= Skt. -***am***, OAV. -***ə̆m***, YAv. -***əm***, OP -***am***, Arm. -***ø***, G -**ον**, OL -***om***, Lat. -***um***

3.1.4 *o*-stems: nom npl OPhr. **–**, NPhr. -**α** < PIE nom npl *-***e**-***h₂***
cf. e.g. NPhr. τετικμεν**α** 'cursed' (12)
= Skt. -***ā***, OAv. -***ā***, YAv. -***a***, OP -***ā***

3.1.5 *o*-stems: gen pl OPhr. **–**, NPhr. -**ουν** < PIE gen pl *-***o**-***om*** (> *-*ōm*)
cf. e.g. NPhr. τετουκμεν**ουν** 'cursed' (?)
= G -**ων**

3.1.6 *o*-stems: acc pl OPhr. -𐎹𐎱𐎲 -***oys*** / -𐎹𐎲 -***ois*** (?), NPhr. – < PIE acc pl *-*o*-*ens* (> -***ōns***)
cf. e.g. OPhr. 𐎪𐎵𐎡𐎹𐎱𐎲 *ktev**oys*** 'property' (B-01), 𐎮𐎠𐎵𐎭𐎱𐎹𐎲 *patriyi**ois*** 'from father's side' (B-04)
= Skt. -***ān*** / -***āṃs***, OAv. -***ə̄ṇg***, YAv. -***ə̄*** / -***ą***, OP -***ā***, Arm. -***s***, G -**ους**, Lat. -***ōs***

3.1.7 *o*-stems: acc npl OPhr. -𐎠 -***a***, NPhr. -**α** < PIE acc npl *-***h₂**
cf. e.g. OPhr. 𐎪𐎠𐎪𐎠 *kak**a*** 'harm' (B-05), NPhr. μμυρ**α** 'stupidity' (25)
= Skt. -***ā***, OAv. -***ā***, YAv. -***a***, OP -***ā***

3.1.8 *ā*-stems: nom sg OPhr. -𐎠 -***a***, NPhr. -**α** < PIE nom sg ***-eh₂-ø**
cf. e.g. OPhr. 𐎪𐎮𐎁𐎡𐎭𐎱𐎠 *kubeley**a*** 'Cybele' (W-01), NPhr. μανκα (type of stele) (passim)
= Skt. -***ā***, OAv. -***ā***, YAv. -***a***, OP -***ā***, G -**ᾱ** / -**η**, Arm. -***ø***, Lat. -***a***

3.1.9 *ā*-stems: gen sg OPhr. **–**, NPhr. -**ας** < PIE gen sg ***-eh₂-es**
cf. e.g. NPhr. ουενασουι**ας** (PN) (88)
= G -ᾱς / -**ης**, OLat. -***ās***

3.1.10 *ā*-stems: dat sg OPhr. -𐎠𐎢 -***ai*** / -𐎠𐎱 -***ay***, NPhr. -**αι** / -**α** < PIE dat sg ***-eh₂-ei**
cf. e.g. OPhr. 𐎼𐎢𐎺𐎠𐎢 *mid**ai*** (PN) (M-01), *dumeyay* '*duma*, religious community' (G-01), NPhr. μανκ**α** / μανκ**αι** (type of stele) (passim)
= G -**ᾳ** / -**ῃ**, Lat ***-ae***

3.1.11 *ā*-stems: acc sg OPhr. -𐎠𐎼 -***an***, NPhr. -**αν** < PIE acc sg ***-eh₂-m**
cf. e.g. OPhr. 𐎠𐎪𐎢𐎼𐎠𐎼𐎹𐎮𐎠𐎺𐎠𐎼 *akinanogav**an*** (title) (M-04), NPhr. κορο**αν** 'girl' (W-11)
= Skt. -***ām***, OAv. -***ąm***, YAv. -***ąm***, OP -***ām***, Arm. -***ø***, G -**ᾱν** / -**ην**, Lat. -***am***

3.1.12 *ā*-stems: nom pl OPhr. **–**, NPhr. -**ας** < PIE nom pl ***-eh₂-es**
cf. e.g. NPhr. ουελ**ας** 'family?' (120)
= Skt. -***āḥ***, OAv. -***å̊***, YAv. -***å̊***, OP -***ā***, OLat. -***ās***

3.1.13 *ā*-stems: acc pl OPhr. **–**, NPhr. -**αις** / -**αης** < PIE acc pl ***-eh₂-ns**
cf. e.g. NPhr. δεκμουτ**αις** '?' (9), δεκμουτ**αης** '?' (31)
= стинд. -***āḥ***, став. -***å̊***, млав. -***å̊***, стперс. -***ā***, G -**ᾱς**

3.1.14 *i*-stems: nom sg OPhr. -𐎹𐎲 -***is***, NPhr. **–** < PIE nom sg *-***i**-***s**
cf. e.g. OPhr. 𐎵𐎱𐎮𐎠𐎵𐎹𐎲 *tuvat**is*** (PN) (G-133)
= Skt. -***iḥ***, OAv. -***iš***, YAv. -***iš***, OP -***iš***, Arm. -***ø***, G -**ῐ̆ς**, лат. -***is***

3.1.15 *i*-stems: acc sg OPhr. -𐎹𐎼 -***in***, NPhr. -**ιν** < PIE acc sg *-***i**-***m**
cf. e.g. OPhr. *tot**in*** 'gift' (M-01), NPhr. ευκ**ιν** 'vow' (30, 98)
= Skt. -***im***, OAv. -***īm***, YAv. -***īm***, OP -***im***, Arm. -***ø***, G -**ῐ̆ν**, Lat. -***em*** / -***im***

3.1.16 *u*-stems: nom sg OPhr. -𐎹𐎢 -***us***, NPhr. **–** < PIE nom sg *-***u**-***s***
cf. e.g. OPhr. 𐎠𐎼𐎹𐎢 *al***us** (PN) (W-08, W-09)
= Skt. -***uḥ***, OAv. -***uš***, YAv. -***uš***, OP -***uš***, Arm. -***ø***, G -**ŭς**, Lat. -***us***

3.1.17 *C*-stems: nom sg OPhr. -𐎢 -***s***, NPhr. -**ς** < PIE nom sg *-***s**
cf. e.g. OPhr. PN 𐎲𐎠𐎲𐎡𐎢 *mane***s** (PN) (B-07), NPhr. Βα**ς** '*Bas*' (99)
= G -**ς**, Lat. -***s***

3.1.18 *C*-stems: gen sg OPhr. -○𐎢 -***os***, NPhr. -**ος** < PIE gen sg *-***os**
cf. e.g. OPhr. PN 𐎲𐎠𐎲𐎫𐎺○𐎢 *manit***os** (PN) (B-07), NPhr. ορουεν**ος** 'father' (106)
= G -**ος**

3.1.19 *C*-stems: dat sg OPhr. -𐎡𐎫 -***ei*** / -𐎡𐎢 -***ey***, NPhr. -**ει** / -**ε** / -**ι** / -**η** < PIE dat sg *-***ei**
cf. e.g. OPhr. 𐎭𐎠𐎲𐎠𐎷𐎺𐎡𐎫 *vanakt***ei** *'king'* (M-01), 𐎲𐎠𐎺𐎡𐎭𐎡𐎢 *mater***ey** 'mother' (W-01), NPhr. κνουμαν**ει** (passim), κνουμαν**ε** (passim), κνουμαν**η** (passim), κνουμαν**ι** (114) 'grave'
= Skt. -***e***, OAv. -***ōi***, YAv. -***e***, G ep. -**ῑ**, Lat. -***ī***

3.1.20 *C*-stems: acc sg OPhr. -𐎠𐎲 -***an***, NPhr. -**αν** < PIE acc sg *-***m**
cf. e.g. OPhr. 𐎲𐎠𐎺𐎡𐎠𐎲 *mater***an** 'mother' (W-01), NPhr. ουανακτ**αν** 'king' (88)
= G -**ᾰ**, Lat. -***em***

3.1.21 *C*-stems: acc nsg OPhr. -***ø***, NPhr. -**ø** < PIE acc nsg *-***ø**
cf. e.g. OPhr. *keneman* 'niche' (M-01), NPhr. κνουμαν 'grave' (31)
= Skt. -***ø***, OAv. -***ø***, YAv. -***ø***, OP -***ø***, G -***ø***, Lat. -***ø***

3.1.22 *C*-stems: nom npl OPhr. **–**, NPhr. -**α** < PIE nom npl *-***h₂**
cf. e.g. NPhr. κεν**α** 'generation' (35)
= G -**ᾰ**, Lat. -***a***

3.1.23 *C*-stems: acc pl OPhr. -𐎠𐎹𐎢 -***ais*** (?), NPhr. **–** < PIE acc pl *-***ns**
cf. e.g. OPhr. 𐎿𐎡𐎠𐎺𐎡𐎡𐎠𐎹𐎢 *brater***ais** 'brother' (B-04)
= Skt. -***aḥ***, OAv. -**ə̄**, YAv. -***ō***, OP -***a***, G -**ᾰς**, Lat. -***ēs***

3.1.24 ind praes med: 3sg OPhr. **–**, NPhr. -**ετορ** < PIE 3sg *-***e**-***tor**
cf. e.g. NPhr. αββερ**ετορ** 'to bring' (73, 75)
= Lat. -***itur***

3.1.25 ipv praes act: 3sg OPhr. **–**, NPhr. -**του** < PIE *-***tō**(***d***)
cf. e.g. NPhr. ειτου 'to go, become' (passim)
= Skt. -***tāt***, G -**τω**, Lat. -***tō***

3.2 Innovations

3.2.1 *o*-stems: gen sg OPhr. **–**, NPhr. -**ου** < PIE gen sg *-*so*
cf. e.g. (?) NPhr. αργ**ου** 'because of?' (30)

3.2.2 *o*-stems: nom pl NPhr. -**οι** < PIE nom pl *-***oi**
cf. e.g. OPhr. τετικμεν**οι** 'cursed' (71)
= G -**οι**, Lat. -***ī***

3.2.3 *o*-stems: dat pl OPhr. **–**, NPhr. -**ως** < PIE int pl *-***ōis**
cf. e.g. NPhr. δε**ως** 'god' (passim)
= G dat pl -**οις**, Lat. dat, abl pl -***īs***

3.2.4 *ā*-stems: nom msg OPhr. -𐎠𐏂 **-*as***, NPhr. **–** < QPIE *-*eh₂-s*
cf. e.g. OPhr. 𐎢𐎠𐎢𐎠𐏂 *bab**as*** (PN) (G-06)
= G -**ᾱ́ς** / -**ης**

3.2.5 *C*-stems: nom pl OPhr. **–**, NPhr. -**ης** < PIE nom pl *-***ei*-*es**
cf. e.g. NPhr. πατερ**ης** 'father' (93)
= Lat. -***ēs***

3.2.6 *e*-stems: nom sg OPhr. -𐎡𐏂 -***es***, NPhr. **–**
cf. e.g. OPhr. 𐎠𐎵𐎡𐏂 *at**es*** (PN) (M-01)

3.2.7 *e*-stems: gen sg OPhr. -***evo***, NPhr. **–**
cf. e.g. OPhr. 𐎠𐎵𐎡𐎶○ *at**evo*** (PN) (W-10)

3.2.8 verbs: augm OPhr. 𐎡- ***e***-, NPhr. **ε**- < PIE ***h₁e***-
= Skt. ***a***-, Av. ***a***-, OP ***a***-, Arm. ***e***-, G **ἐ**-

3.2.9 ind (?) praes act: 3sg OPhr. -𐎡𐎵 -***et***, NPhr. -**ετ** < PIE 3sg *-***e*-*t**
cf. e.g. NPhr. αββερ**ετ** 'to bring' (116)
= Skt. -*at*, OAv. -*aṯ*, YAv. -*aṯ*, OP -*a*, G -ε, OLat. -*ed*, Lat. -*it – but not in present!*

3.2.10 ipv praes act: 3pl OPhr. **–**, NPhr. -**νvου** < PIE 3pl *-***nt*-*ō*(*d*)**
cf. e.g. NPhr. ι**νvου** (35, 71) 'to go, become'
= G -**ντω**, Lat. -***ntō***

3.2.11 ipv praes med: 3sg OPhr. -𐎠○ -***do***, NPhr. -**δου** < PIE 3sg *-***tˢdʰ*-*ō**(***d***)
cf. e.g. OPhr. 𐎤𐎠𐎲𐎡𐎠○ *lakedo* '?' (W-01b, B-03), NPhr. εγεδου 'to hold' (*passim*)
= G -**σθω**

3.2.12 ind aor act: 3sg OPhr. -***es***, NPhr. -**ες** < PIE 3sg *-***es*-*t**
cf. e.g. OPhr. 𐎡𐎠𐎢𐎡𐏂 *edaes* (*passim*), NPhr. εδαες (116) 'to put, place'

3.2.13 ind aor (?) med: OPhr. -***(e)toi*** / -***(e)toy***, NPhr. < PIE *-***(e)*-*toi**
cf. e.g. OPhr. 𐎡𐏂𐎵𐎠𐎵○𐎹 *esta**toi*** 'to make stand' (G-144), *eda**toy*** 'to put, place' (B-05), *ekt**etoy*** 'to possess' (B-01)
= Skt. -***(a)te***, OAv. -***(ai)tē***, YAv. -***(ai)te***, OP -***(a)taiy***, G -**(ε)ται**

3.2.14 ind pf act: 3pl OPhr. **–**, NPhr. -**αρεν** < PIE *-***ēr**+***e*-*nt**
cf. e.g. NPhr. δακ**αρεν** 'to put, place' (98)
≈ Lat. -***ērunt*** (< PIE *-*ēr*+*o*-*nt*)

4. Other Miscellaneous Phaenomena

4.1 Innovations

4.1.1 stem for 'woman': NPhr. **κναικ**- < PIE *g^{u}*n*-(*e*)*h₂*-*ih₂*-(*k*-) (?) 'woman'
= Arm. ***kanay***- G **γυναικ**-, Myc. ***ku*-*na***-*ja* /***gunaia***/

4.1.2 pronoun for 'self': OPhr. 𐎠𐎱𐎵○- ***avto***-, NPhr. **αυτο**- < PIE *h_2*eu*+*t*-*o*- 'self'
= G **αὐτός**

4.1.3 k-perfect stem: pf NPhr. **δακ**- < PIE aor ***dʰeh₁*-*k***- (?) 'to place, put'
cf. e.g. G aor **θηκ**-, Lat. pf ***fēc***-

5. Index of Features

5.1 **Phrygian**
= No. 2.2.3, 2.2.10, 2.2.18, 2.2.19, 2.2.21, 2.2.24, 3.2.1, 3.2.6, 3.2.7, 3.2.9, 3.2.12 (in total, 11).

5.2 **Phrygian** & Greek
= No. 2.2.4, 2.2.8, 2.2.11, 2.2.12, 2.2.13, 2.2.23, 2.2.25, 3.2.4, 3.2.11, 4.1.2 (in total, 10).

5.3 Armenian & **Phrygian**
= No. 2.2.1, 2.2.2, 2.2.16 (in total, 3).

5.4 **Phrygian** & Latin
= No. 3.2.5, 3.1.14 (in total, 2).

5.6 Armenian, **Phrygian**, & Greek
= No. 2.2.7, 2.2.14, 2.2.15, 4.1.1 (in total, 4).

5.7 **Phrygian**, Greek, & Latin
= No. 2.2.17, 3.2.2, 3.2.3, 3.2.10, 4.1.3 (in total, 5).

5.8 Iranian, Armenian, & **Phrygian**
= No. 2.2.22 (in total, 1).

5.9 Indian, Iranian, Armenian, & **Phrygian**
= No. 2.2.20 (in total, 1).

5.10 Indian, Iranian, Greek, & **Phrygian**
= 3.2.13 (in total 1).

5.11 Iranian, Armenian, **Phrygian**, Greek, & Latin
= No. 2.2.9 (in total, 1).

5.12 Indian, Iranian, Armenian, **Phrygian**, & Greek
= No. 3.2.8 (in total, 1).

5.13 Indian, Iranian, **Phrygian**, Greek, & Latin
= No. 2.2.6 (in total, 1).

5.14 Indian, Iranian, Armenian, **Phrygian**, Greek, & Latin
= No. 2.2.5 (in total, 1).

6. Conclusion

6.1 Features shared by Phrygian and **Indian, Iranian, Armenian, Phrygian and Latin**.

Non-Anatolian Indo-European innovations:

a. the development of PIE *h_1V into **ø** cf. OPhr. **ø**, NPhr. **ø**, Skt. **ø**, Av. **ø**, OP **ø**, Arm. **ø**, G **ø**, Lat. **ø**

6.2 Features shared by Phrygian and **Greek, and Latin**.

Classical Proto-Indo-European innovations:

a. the formation of pf stem ***d^heh_1-k**-[1] cf. pf NPhr **δακ**-, G **θηκ**-, Lat. ***fēc***-
b. the formation of 3pl ipv praes act in *-***nt**-**ō**(**d**)[2] cf. NPhr. -**vvou,** G -**ντω**, Lat. -***ntō***
c. the adoption of *-***oi** in *o*-stem nom mpl[3] cf. nom pl NPhr. -**οι**, G -**οι**, Lat. -***ī***
d. the adoption of *-***ōis** in *o*-stem dat pl[4] cf. dat pl NPhr. -**ως**, G -**οις**, Lat. -***īs***

6.3 Features shared by Phrygian and **Indian, Iranian, Armenian, and Greek**.

Nuclear Proto-Indo-European innovations:

a. the formation of PIE augment ***h_1e** cf. OPhr. **ø**, NPhr. **ø**, Skt. **ø**, Av. **ø**, OP **ø**, Arm. **ø**, G **ø**, Lat. **ø**

6.4 Features shared by Phrygian and **Indian, Iranian, Greek and Phrygian**.

Nuclear Proto-Indo-European innovations:

a. the formation of 3sg ind praes med in *-***toi** cf. OPhr. ***-toi*** / -***toy***,[5] Skt. -***te***, OAv. -***tē***, YAv. -***te***, OP -***taiy***, G -**ται**

6.5 Features shared by Phrygian and **Greek**.

a. Proto-Graeco-Phrygian innovations:

a. the merger of PIE *-*m* and *-*n* into *-***n** cf. OPhr. -***n***, NPhr. -**v**, G -**v**
b. the development of PIE *h_2V into **ø** cf. OPhr. **ø**, NPhr. **ø**. *Coincident*: Skt. ø, Av. ø, OP ø, G ø, Lat. ø
c. the vocalization of PIE *$\mathring{R}h_3C$ into ***Rō** cf. NPhr. **Rou**, G **Rω**
d. the vocalization of PIE *$Ch_{\mathring{1}}(C)$ into ***e** cf. OPhr. **e**, NPhr. **ε**, G **ε**
e. the vocalization of PIE *$Ch_{\mathring{2}}(C)$ into ***a** cf. OPhr. ***a***, NPhr. **α**, G **α**
f. the vocalization of PIE *$Ch_{\mathring{3}}(C)$ into ***o** cf. OPhr. ***o***, G **o**
g. the depalatalization of PIE *$\acute{k}$ [$\acute{k}$] into ***k** cf. OPhr. ***k***, NPhr. **κ**. *Coincident*: Lat. *c* < PIE *$\acute{k}$.
h. the depalatalization of PIE *$\acute{g}$ [$'\acute{g}$] into ***g** [$'g$] cf. G **γ**, OPhr. *k*, NPHr. *k*[6]
i. the depalatalization of PIE *$\acute{g}^h$ [$\acute{g}$] into ***g^h** [g] cf. G **χ**, OPHr. ***g***, NPhr. **γ**
j. the palatalization of PIE *$K\hat{i}$- into ***ts**- cf. OPhr. **s**-, NPhr. **σ**-, G **τ**- / **σ**-
k. the formation of *eh_2-stem nom msg in *-***eh₂-s** cf. OPhr. -***as***, G -**ᾱς** / -**ης**
l. the formation of 3sg ipv praes med in *-***t^sd^h-ō**(**d**) cf. OPhr. -***do***, NPhr. -**δου**, G -**σθω**

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[1] Origin disputed.
[2] Used next to PIE *-*nt-u*.
[3] Taken over from pronominal declension, used next to -*ōs*.
[4] Taken over from int pl, used next to PIE *-*o-*$b^h\hat{i}$-*os*.
[5] Later in Phrygian adopted in aorist; see 6.8i.
[6] See 6.7h.

m. the formation of the pronoun ***h₂eu*+*to-*** 'self' cf. OPhr. ***avto***-, NPhr. **αυτο**-, G **αὐτο**-
n. the formation of *g^{u}*n-(***e***)***h₂-ih₂-k***- 'woman' cf. NPhr. κν**αικ**-, G γυν**αικ**-

Later, contact-induced innovations:

o. the development of *-***ns** into *-***is** cf. acc pl OPhr. -***ois*** / -***oys***, NPhr. -α**ις** / -α**ης**, Aeol. -α**ις**, -ο**ις**

6.6 Features shared by Phrygian and **Armenian, and Greek**.

Sprachbund innovations:

a. Lex Rix i.e. PIE ***H₁/₂/₃***C- > PIE ***H̥₁/₂/₃***C- cf. OPhr. ***e*** - / **–** / ***o***-, NPhr. **–** /**α-** / **–**, Arm. ***e*** - / ***a*** - / ***o***-, G **ἀ**- / **ἐ**- / **ὀ**-
b. the vocalization of ***R̥***HV into ***aR***V cf. NPhr. ***αR***, Arm. ***aR***, G ***αR***. *Coincident*: Av. *aR*, Lat. *aR*.

Contact-induced or areal innovations:[7]

c. the debuccalization of PIE *s- into ***h*** cf. PPhr. ***h*** - (> OPhr., NPhr. ø), Arm. ***h***, G ʽ
d. the debuccalization of PIE *VsV into ***h*** cf. PPhr. ***h*** - (> OPhr., NPhr. ø), PArm. ***h*** (> Arm. ø), PG ***h*** (> G ø)

6.7 Features shared by Phrygian and **Armenian**.

Sprachbund innovations:

a. the raising of PIE *o to ***u*** in front of *N cf. OPhr. ***u***, NPhr. **ου**, Arm. ***u***
b. the raising of PIE *e to ***i*** in front of PIE *N cf. NPhr. ***i***, Arm. ***i***
c. the vocalization of PIE *-$m̥$ > *-$n̥$ into *-***a***n*[8] cf. OPhr. -***a***n, NPhr -**α**ν, Arm. -***a***m
d. the delabialization of PIE *k^{u} into ***k*** cf. OPhr. ***k***, Nphr. ***κ***, PArm. ***k***. *Coincident*: Skt. *k*, Av. *k*, OP *k*.
e. the delabialization of PIE *g^{u} ['g^{w}] into ***g*** ['*g*] See 6.7h below.
f. the delabialization of PIE *g^{uh} [g^{w}] into ***g^{h}*** [g] cf. NPhr. ***γ***, Arm. ***g***. *Coincident*: Av. *g*, OP *g* < PIE *g^{uh}.
g. the devoicing of PIE *d ['d] *into* ***t*** cf. OPhr. ***t***, Arm. ***t***
h. the devoicing of *g ['*g*] into ***k*** cf. OPhr. ***k***, Nphr. ***κ***, Arm. ***k***.

6.8 Exclusively **Phrygian** features.

Uniquely Phrygian innovations:

a. the lowering of PIE *ē into ***ā*** cf. OPhr. ***a***, NPhr. **α**. *Coincident*: Skt. ā, Av. *ā*, OP *ā*
b. the merger of PIE *-$m̥$ > *-*am*[9] with *-$n̥$ > *-***an** cf. OPhr. -***an***, NPhr. -**αν**
c. the devoicing of PIE *g ['*g*][10] into ***k*** cf. OPhr. ***k***, NPHr. ***k***
d. the development of *nt into ***nn*** cf. NPhr. ***nn***
e. the formation of *e*-stem nom sg in *-***e**-***s** cf. OPhr. -***es***
f. the adoption of gen sg *-*so*[11] > *-***ho** in *e*-stems cf. PPhr. *-*e*-***ho*** > OPhr. -*evo* (from *-*eo*)[12]
g. the adoption of 3sg *-***e**-***t** in ind (?) praes act[13] cf. OPhr. -***et***, NPhr. -**ετ**
h. the formation of 3sg ind aor act in *-***es**-***t** cf. OPhr. -***es***, NPhr. -**ες**

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[7] Possibly due to Iranian influence; cf. PIE *s > Ir. *h.
[8] See 6.5a.
[9] See 6.5a and 6.7c.
[10] See 6.7f.
[11] Taken over from the pronominal declension.
[12] See 6.8j.
[13] Taken over from the secondary endings set.

i. the adoption of 3sg *-***toi*** in ind aor (?) med[14]	cf. OPhr. -***toi*** / -***toy***

Contact-induced innovations:[15]

j. the development of *s > *h[16] into **ø**	cf. OPhr. **ø**, NPhr. **ø**, Ion. **ø**, Aeol. **ø**

6.9 Other miscellaneous features shared by Phrygian, **Greek and Latin**.

Coincident innovations:

a. the development of PIE nom pl *-***ei**-**es**	cf. NPhr. -**ης**, Dor. -**ῆς**, Lat. -***ēs***
b. the adoption of *-***e/o**-***nt***[17] in 3pl pf act in *-*ēr*	cf. NPhr. -αρ**εν**, Lat. -*ēr****unt***

6.10 **Greek loanwords** in Old and New Phrygian.

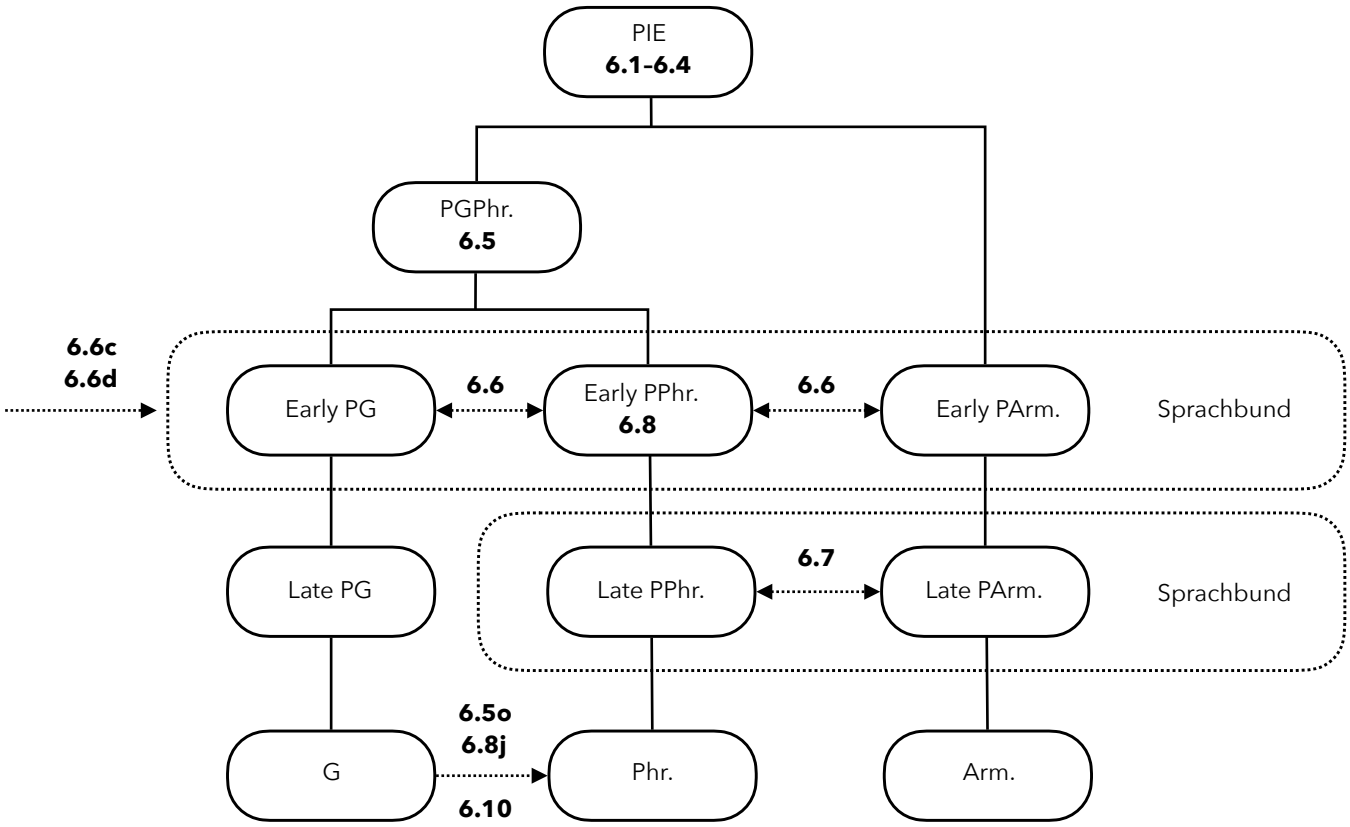
Greek Loanwords in Old Phrygian:

OPhr. ***artimitos*** 'Artemis'	< G **Ἄρτεμις**, -**ιδος** 'Artemis'
OPhr. ***duman*** (B-01), **δουμε** (48) '*duma*'	< Myc. ***du***-***ma*** '*duma*'
OPhr. ***kuryaneyon*** (W-01) 'commander' (?)	< G **κοιρανέων** 'ruling'
OPhr. ***lavagtaei*** (M-01) 'leader of people' (?)	< Myc. ***ra***-***wa***-***ke***-***ta***, G **λᾱγέτᾱς** 'leader of people'
OPhr. ***panta*** (Vez 4), NPhr. **παντα** 'all, every'	< Myc. ***pa***-***si***, G **πᾶς**, -**ντός** 'all, every'
OPhr. ***vanaktei*** (M-01), NPhr. **ουανακταν** (88) 'king'	< Myc. ***wa***-***na***-***ka***, G **ἄναξ** 'king'

Greek Loanwords in New Phrygian:

NPhr. **ακροδμαν** (116) 'roof' (?)	< G ***ἀκρόδμη** 'top beam'
NPhr. **ανανκαι** (35) '(ill) fate, mischief' (?)	< G **ἀνάγκη** 'force; necessity'
NPhr. **ευκιν** (30, 98) 'vow'	< G **εὐχή** 'vow; prayer'
NPhr. **θαλαμειδη** (4) 'sepulchral chamber'	< G **θαλαμίς**, -**ίδος** 'chamber'
NPhr. **κορου** (92), **κορο** (126) 'ground'	< G **χῶρος** 'space; region, land'
NPhr. **σορου** (21, 124) 'tomb, coffin'	< G **σορός** 'burial urn, coffin'
NPhr. **ουρανιον** (88) 'heavenly'	< G **οὐράνιος** 'heavenly'

[14] Taken over from the ind praes act.
[15] Possibly due to psilotic Greek influence.
[16] See 6.6c, 6.6d.
[17] Taken over from 3pl them aor ending.


PIE
6.1–6.4
PGPhr.
6.5
6.6c
6.6d
Early PG
6.6
Early PPhr.
6.8
6.6
Early PArm.
Sprachbund
Late PG
Late PPhr.
6.7
Late PArm.
Sprachbund
6.5o
6.8j
6.10
G
Phr.
Arm.

Abbreviations

*	reconstructed form	<	*regularly comes from*
?	questionable form	=	*is identical with*
>	*regularly yields*	≈	*is similar to*

Aeol.	Aeolic	NPhr.	New Phrygian
Arm.	Armenian	OAv.	Old Avestan
Av.	Avestan	OP	Old Persian
Dor.	Doric	OPhr.	Old Phrygian
G	Greek	PIE	Proto-Indo-European
Ion.	Ionic	PPhr.	Proto-Phrygian
Lat.	Latin	Skt.	Sanskrit
Myc.	Mycenaean	YAv.	Young Avestan

acc	accusativus	nom	nominativus
act	activum	opt	optativus
aor	aoristum	pf	perfectum
dat	dativus	pl	pluralis
gen	genitivus	praes	praesens
ind	indicativus	sg	singularis
ipv	imperativus	subj	subjunctivus
med	medium	voc	vocativus

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