TALANTA XLII - XLIII (2010-2011), 215-234

## SOME MORE ETRUSCAN INSCRIPTIONS

(Supplementum Epigraphicum Mediterraneum 39)

Fred C. Woudhuizen

In the present contribution the contents of newly found Etruscan texts, or already known ones but recently having received renewed attention, are further elucidated with the help of the insights into the structure of the Etruscan language as presented in from Woudhuizen 2008 on the basis of its etymological relationship with the Luwian language group. Note that for convenience's sake I use the same abbreviations of the names of the largest Etruscan texts as in the latter publication.

#### INTRODUCTION

While reading the manual of the Etruscan language by Rex Wallace of 2008 and the more popular work on the Etruscan language by Giulio Facchetti of 2001, my attention was drawn to the following newly discovered texts, or redrawn to some already known ones also given below, of which the understanding in my opinion may be improved on the basis of my analysis of the Etruscan language as presented in Woudhuizen 2008. In addition, two inscriptions already discussed in this latter publication (Rix 1991, Cl 2.3 on a gold fibula from Clusium and Rix 1991, Cr 5.2 from a grave in Caere) are presented here once more in order to adjust their interpretation on details as specified in the comments.

Note that for the sake of brevity I have restricted myself in the comments as far as possible to references to Etruscan words and elements listed in the index of my work of 2008 (Woudhuizen 2008, 445-465), without repetition of their Luwian background, if this applies, as worked out to the full in this work, so that only new Luwian identifications are highlighted.

### Caere

Wallace 2008, 176-177, on a bronze weight with lead nucleus, dated ca. 350 BC.

- 1.  $ra\theta s$  Turmsal Velus luv $\chi$ msal
- "For the chariot of Turms (serving) for the priest-kingship of Vel." "In the month August place
- 2. *θucti θui meθlmθ mu[l]-sl[e]-c*

215

		also the first thank-offering by
		the members of the assembly."
3.	im-s epl masani Hercles Alpan	"During the (ceremony) one
	tece IIC	has placed around (it) 98
		(offerings) for the god
		Heraklēs of Alba."
4.	ei ut-ta θesca ac penθa	"Do not lay down these in this
		manner and pay,"
5.	[v(-)] hulave zilci La <r>θale</r>	"I will raise (the funds) during
	Nulaθes	the praetorship of Larth from Nola."

#### **COMMENTS**

#### Phrase 1

 $ra\theta s$ : D-G sg. in -s of the noun  $ra\theta$ -, a writing variant characterized by  $\theta/t$ -interchange of rat(u)- "chariot".

*Turmsal*: G sg. in *-l* of the GN *Turms-* "Turms". On the identification of Turms as *Hermēs paidokōrēs*, who features in the Bacchic mystery cult, see Pfiffig 1975, 239-241.

Velus: G sg. in -s of the masculine praenomen Vel- "Vel".

*luvxmsal*: D-G sg. in *-l* of the noun *luvxms-* "priest-kingship", an adjectival derivative in *-s-* of a variant writing of the root *lauxm-* or *laxum-* "king", corresponding to Latin *lucumo*.

# Phrase 2

 $\theta$ *ucti*: D sg. in *-i* of the month name  $\theta$ *uct*-, a writing variant characterized by  $c/\chi$ -interchange of  $\theta$ *u* $\chi$ *t*- "August". The various editions read † $\theta$ *usti*, but note the difficulty of deciding between *s* and *c* with respect to *masani* in phrase 3.

 $\theta ui$ : 2nd person sg. of the imperative in *-i* of the verb  $\theta u$ - "to place", which also occurs in writing variant *tva*-.

 $me\theta lm\theta$ : Abl.-Instr. pl. in - $\theta$  of the noun  $me\theta lm(e)$ - "member of the assembly".

*mul*: endingless A(m/f) sg. or N-A(n) sg. of the noun *mul*- "thank-offering". Note that in reading *l* instead of *n* I follow the edition by Adriano Maggiani of 2002. However, if the reading *n* should prevail, as Giulio Facchetti and Koen Wylin 2004 maintain, comparative data are provided by the combination *mun-sle* as attested for a grave inscription from Tarquinia (Rix 1991, Ta 5.2; cf. infra), the first element of which bears testimony of the endingless A(m/f) sg. or N-A(n) sg. of the noun *mun(i)*- "obligation", related to the verb *muni*- "to have a duty, be obliged" and the nominal derivative in *-st-*, *munist-*, also expressing the meaning "obligation". In that case, the obligation is to be expected "from the side of" the members of the assembly. All in all, the general sense remains the same, as "obligation" in that case is nothing but an alternative indication of an offering.

*-sle*: endingless A(m/f) sg. or N-A(n) sg. of the ordinal number *sle* "first", which also occurs in the variant forms *sal*, *zal*, and *esl*-. For its enclitic use in attachment

to the same nominal root, cf. MD *mul-sle* "the first as a thank-offering". -*c*: enclitic conjunction "and; also", also occurring in variant forms characterized by  $c/k/\chi$ -interchange -*ke* and - $\chi$ .

## Phrase 3

*im*-: variant form of the preposition *in*- "during", characterized by *m/n*-interchange.

-s: D-G sg. of the enclitic pronoun of the 3rd person. For its combination in writing variant -s characterized by s/s-interchange with a writing variant of the preposition *in*-, cf. *ena-s* "during it (= the festival)" in LL.

epl: preposition "around, behind".

*masani*: D sg. in *-i* of the noun *masana/i*- "god", also attested in endingless variant *masan* for the shorter Etruscan version of PB. Note that with the present reading I follow Maggiani 2002, 167. Facchetti/Wylin 2004 prefer *macuni*, which, if correct, should be analyzed as *mac-Uni*, with the variant of the cardinal numeral *maχ* "5" characterized by  $c/\chi$ -interchange as attested for LL and the D sg. in *-i* of the GN *Un(i)*- "Uni", corresponding to Latin *Iuno*. Accordingly, 5 subsidiary offerings should be placed for the mother of Heraklēs, *Uni*. I consider this latter reading less likely, as we have to assume an asyndetical chiastic construction, but nevertheless by no means impossible.

Hercles: D-G sg. in -s of the GN Hercle- "Heraklēs" of Greek origin.

*Alpan*: undeclined adjective corresponding to the form *Hercles*, based on the PIE root  $*alb^{h}o$ - "white" and referring in this particular case, in like manner as in case of its occurrence in an inscription from Cortona (Rix 1991, Co 3.4 on a statuette dated to the 4th or 3rd century BC), where it is associated with the GN *Culsans*, to the Alban hills.

*tece*: 3rd person sg. of the past tense in *-ce* of the verbal root *te-* "to place", corresponding to Luwian hieroglyphic  $ta_{4^-}$  (Tilsevet § 1, see Woudhuizen 2011, 216) of the same meaning.

## Phrase 4

ei: negative adverb "not".

ut: corresponding to the Latin adverb ut "in this manner".

*-ta*: N-A(n) pl. in *-a* of the enclitic variant of the demonstrative pronoun *ta-* "this". For the enclitic use of the demonstrative pronoun, cf. its occurrences in TC.

 $\theta esca$ : 3rd person sg. of the subjunctive in *-ca* of the verb  $\theta es$ -, a writing variant charcterized by  $\theta/t$ -interchange of *tes*- "to lay down".

ac: corresponding to the Latin copulative particle ac "and also".

*pen\theta a*: 3rd person sg. of the subjunctive in *-a* of the verb *pen\theta-* "to pay".

## Phrase 5

With respect to the space following the verbal form  $pen\theta a$  and preceding the verbal form *hulave*, both in the reading by Facchetti/Wylin, Maggiani and the authors just mentioned agree that there might be identified a v, perhaps in com-

bination with yet another letter. If so, I would suggest the presence of the sentence introductory particle *va*- or *ve*- here.

*hulave*: 1st person sg. of the present/future in *-ve* of the verb *hula-* "to raise, elevate". Note that the ending *-ve* corresponds to Luwian hieroglyphic *-wa* for the same function, and the verbal root *hula-*, against the backdrop of *u/wa*-interchange, provides us with a closer match for Luwian hieroglyphic *wala-* of the same meaning as the variant fal(a)- with which we are already familiar (for *v/f-*interchange, cf. the introductory particle *va-/fa-*).

*zilci*: D sg. in *-i* of the noun *zil(a)c-* "praetorship", which also occurs in variant writing characterized by  $c/\chi$ -interchange as *zil* $\chi$ -.

 $La < r > \theta ale$ : adjectival derivative in *-ale* used for the expression of a D-G relationship of the masculine praenomen  $Lar\theta$ - "Larth".

*Nula* $\theta$ es: D-G sg. in -*s* of a derivative in - $\theta$ e- "from the place", which also occurs in variant writing characterized by  $\theta$ /*t*-interchange as -*t*(*e*)-, of the place-name *Nula*- "Nola". Note that the ethnic in - $\theta$ e- or -*t*(*e*)- can now ultimately be traced back to Luwian hieroglyphic -*ti*- or, in rhotacized variant, -*r*- as attested for the forms *Kir*(*a*)*ti*- and *Kir*(*a*)*àr*- "from Kir, Kiraean" from the Assur letter e, §§ 29 and 25 (Woudhuizen 2005, 43-45), respectively. By the way: the praetor Larth may just as well be a citizen of Caere with the gentilicium *Nola* $\theta$ es signaling his ultimate Campanian roots.

Against the backdrop of the foregoing interpretation, the weight bearing the inscription was probably used in the process of weighing substance(s) used in offering ceremonies for which normally (*i.e.* if the financial arrangements announced by its dedicator would turn out to be ineffective) payment was due.

un

# Volaterrae

Rix 1991, Vt 8.1, cippus of recent date.

1.	A Titesi Calesi cina	"(Concerning) the meal(s) of
		A. Tite Cales:"
2.	cś mes-tleś huθ naper	"During this the last four (of)
	lescan <a> Lete-m</a>	the days (dedicated) to the god
		(one has) to pray also for Leto."
3.	θui araśa	"Place the things belonging to
		the altar!"
4.	θent mase Laei	"One will hold (a feast) for the
		god Laios."
5.	tre-cś θe <s>nśt menaθa</s>	"Three (days) during this one
		may lawfully organize (games)."

## COMMENTS

# Phrase 1

*Titeśi*: adjectival derivative in *-śi* of the praenomen *Tite-* "Tite" used for the expression of a genitive relationship.

*Caleśi*: adjectival derivative in *-śi* of the gentilicium *Cale-* "Cales" used for the expression of a genitive relationship.

*cina*: endingless A(m/f) sg. of the noun *cena*- "meal", also attested in variant form *cenu*- for TC and PC. Note that we are confronted here with an *accusativus respectus*.

#### Phrase 2

*cś*: D-G sg. of the demonstrative pronoun c(a)- "this", referring back to the object *cina*- "meal" of the previous phrase.

*mes*: endingless D sg. of the noun *mes*- "god", which also occurs in the variant forms *mese*- and *masan*-.

*-tleś*: A(m/f) pl. in *-eś* of the enclitic element *-t(a)l-* "day", attested for day-names like *tesiameital-* from PB and *suθiuametal-* from TC, both meaning "day of the burial", and *menitl-* "day of the ceremonies" from MD (see further below).

 $hu\theta$  naper: "last four". This combination is also found in PC.

*lescan*<*a*>: infinitive in *-n*<*a*> of the verb *lesca-* "to pray" also present in PC.

*Lete*: D sg. in *-e* of the GN *Let-* "Letō", also attested in variant form *Le\thetaams-* for CT and like this latter related to the noun *le\theta-* "wife".

-*m*: enclitic conjunction "and; also".

## Phrase 3

 $\theta ui$ : 2nd person sg. of the imperative in *-i* of the verb  $\theta u$ - "to place", which also occurs in writing variant *tva*-.

araśa: N-A(n) pl. in -a of adjectival derivative in -ś- of the noun ara- "altar".

#### Phrase 4

 $\theta$ *ent*: 3rd person sg. of the present/future in *-t* of the verb  $\theta$ *en(u)-* "to hold". *mase*: D sg. in *-e* of the noun *mas-* "god", which we already came across in phrase 2 in variant form *mes-*.

Laei: D sg. in -i of the GN Lae- "Laios" also attested for LL.

#### Phrase 5

*tre*: cardinal number *tre*- "three", otherwise featuring in the indication of sacrificial animals *tres* or *tartiria*- "τριττύς" in LL and CT.

-*cś*: enclitic variant of the D-G sg. in -*ś* of the demonstrative pronoun c(a)- "this", likewise referring back to the object *cina*- "meal" of phrase 1.

 $\theta e < s > n st$ : adverb related to the noun *tesnste*- "law" as attested for PC.

*mena* $\theta a$ : 3rd person sg. of the subjunctive in  $-\theta a$  of the verb *mena*- "to handle, organize", which in reduplicated variant *mimeni*- is used in MD in the context of the organization of games.

# Perugia

Rix 1991, Pe 4.1, quadrangular stone or cippus, of recent date.

 cehen cel Tezan penθna θauruś Θanr "With respect to this precinct: Thesan (has) to pay for the store-room (on behalf of) Thanr."

# COMMENTS

*cehen*: writing variant of the A(m/f) sg. in *-n* of the demonstrative pronoun c(a)-"this", otherwise occurring in form of (e)cn or  $c\bar{e}n$ .

*cel*: endingless A(m/f) sg. of the noun *cel*- "precinct", otherwise occurring in form of *cla*- or *cle*-. Note that the combination *cehen cel* confronts us with an *accusativus respectus*.

*Tezan*: endingless N(m/f) sg. of the female praenomen *Tezan*, also attested for PC and presumably related to the female GN  $\Theta esan$  (= the Etruscan equivalent of Latin *Aurora* and Greek  $E\bar{o}s$ ).

 $pen\theta na$ : infinitive in *-na* of the verb  $pen\theta$ - "to pay".

 $\theta aurus$ : D-G sg. in -s of the noun  $\theta auru$ - "store-room", which in variant form  $\theta aura$ - is also attested for PC.

 $\Theta anr$ : endingless D sg. of the female GN  $\Theta anr$ - (= the Etruscan equivalent of Latin *Libera* and Greek *Korē* or *Persephonē*).

# Uncertain origin

Rix 1991, OA 3.9, on a bronze statue base, dated *ca*. 350-300 BC (photo & drawing: Bonfante/Bonfante 2002, 175, fig. 52).

1.	Caesi Prisnies {i} turce	"Caesie Prisnies has given to
	Hercles clen cexa munis	Heraklēs as a member (of) the
		Senate on behalf of an obligation:"
2.	en Cae lur-xve truta ala	"(Because) during whatever
	alpnina luθs in-pa lvχna	(number) of game(s) Cae
		may (have) dedicate(d himself
		to the task of) arbiter to wear
		the white (dress) of the game
		and during (them) to rule."

# COMMENTS

Phrase 1

*Caesi*: endingless N(m/f) sg. of the masculine praenomen *Caesi*, cf. *Kaisie* (Rix 1991, Cr 3.14 from Caere, on a vase dated to the late 7th or early 6th century BC). This praenomen recurs in phrase 2 in short-hand variant *Cae. Prisnies*: N(m/f) sg. in *-s* of the gentilicium *Prisnies*, cf. Latinized *Prisnius* (Rix

1991, OA 3.9 of uncertain origin, on a copper base of recent date).

turce: 3rd person sg. of the past tense in -ce of the verbal root tur- "to give".

*Hercles*: D-G sg. in -s of the GN *Hercle*- "Heraklēs" of Greek origin, as we have already noted above.

*clen*: endingless N(m/f) sg. of the noun *clan*- or *clen*- "son", which is also used to refer to an official representative, originally of subordinate rank.

*ceχa*: endingless form of the noun *ceχa*- "Senate" (< Luwian *huhha*- "grandfather" in like manner as Latin *Senatus* < *senex* "old man").

*munis*: D-G sg. in -s of the noun *mun(i)*- "obligation".

## Phrase 2

*en*: variant form of the preposition *in*- "during", charcterized by *e/i*-interchange. Note that this preposition recurs in form of *in*- later on in this phrase.

*lur-\chi ve*: D-G pl. in *-e* of the enclitic variant of the relative pronoun *-cv(a)*-"who(ever), what(ever)", characterized by *c/\chi*-interchange, attached to the rhotacized variant *lur*- of the noun *luθ*- "game".

*truta*: endingless N(m/f) sg. of the noun *truta-* "arbiter". This noun either originates from Luwian hieroglyphic *tarwana-* "judge", which, in combination with the marker of agent nouns *-talli-*, occurs in Lydian as *tarvtalli-* (Gusmani 1964, Lyd. no. 5, line 1), or it corresponds to the Etruscan variant of Celtic *druid*, *tru0-* or *trut-*.

*ala*: 3rd person sg. of the subjunctive in *-a* of the verbal root al(i)- "to dedicate"<sup>1</sup>. *alpnina*: infinitive in *-na* of the verb *alpni-*, based, like the adjective *Alpan* "Alban", on the PIE root \**alb*<sup>h</sup>o- "white", and therefore in the context likely referring to the white color of the cloths an arbiter is wearing. Note that the arbiter in the painting of the Tomb of the Augurs, here addressed as *tevaraθ*, is wearing a white tunic – be it partly covered by a dark brown colored piece of cloth with purple or red bands, see Mansuelli 1963, 74-75.

 $lu\theta$ s: G sg. in -s of the noun  $lu\theta$ - "game" in its original, unrhotacized form. -pa: enclitic conjunction "and; but".

*lv*χ*na*: infinitive in *-na* of the verb root *lv*χ*-*, related to the noun *lau*χ*m-* or *la*χ*um-* or *luv*χ*m-* "(priest-)king".

## Vulci

Wallace 2008, 175, on a bronze base or small altar, dated *ca*. 300 BC (drawing: Faccchetti 2001, 85).

1.	Truφun Peθunus V lav	"Tryphon, freedman of Vel
	lurmicla turce XXX cver	Pethunus, has given on the day

<sup>&</sup>lt;sup>1</sup> Cf. Rix 1991, Ve 3.1 from Veii, on a vase dated *ca*. 750-725 BC: *mi Atianaia Axapri alice Venelisi* "Atianaia Akhapri has dedicated me to Venel" and, in a variant writing characterized by *c/x*-interchange, Rix 1991, Vs 3.6 from Volsinii, on an altar stone of recent date: *Hermu Zar[u] alixe [-?-] Cvl[sansl]* "Hermu Zaru has dedicated to Culsans".

of the game(s) because of (their) 30(th anniversary)."

# Uncertain origin

Rix 1991, OA 3.6, on a statuette of recent date.

1. Vel Matlnas turce lurmitla cvera

"Vel Matlnas has given on the day of the game(s) because of (the occasion)."

# COMMENTS

*Truφun*: endingless N(m/f) sg. of masculine praenomen originating from Greek Τρύφων.

*Peθunus*: Latinized variant of the gentilicium *Peθnaś* or *Peθnas*, probably characterized by the G sg. in *-s* here.

*V*: abbreviation of masculine praenomen *Vel*, no doubt representing the G form *Velus* here.

*lav*: abbreviation of *lavtni*, the Etruscan equivalent of Latin *libertus* "freedman". *lurmitla*: D sg. in *-a* of the compound in *lurmitl-*, consisting of the root *lu0*-"game" in rhotacized variant *lur-*, extended here by the morpheme *-mi-*, in combination with -t(a)l- or -tul- "day", as in *tesiameital-* from PB and *su0iuametal-*from TC, both meaning "day of the burial", a whole series based on an ordinal numeral, like *celutul-* "the third day", or a deity's name, like *tiniantul-* "Tin's day" from CT, and *menitl-* "day of the ceremonies" from MD. In LL, the last mentioned element occurs, just like in our first example, in variant form *-cl-*, characterized by c/t-interchange: *śacnicl-* "day of the sacrifices".

turce: 3rd person sg. of the past tense in -ce of the verb tur- "to give".

cver(a): conjunction "because of", which in fact renders the rhotacized variant of the Abl.-Instr. in *-r(a)* of the relative *cva-* "who, what".

# Clusium

1.

Rix 1991, Cl 2.3, on a gold fibula, dated *ca*. 625-600 BC.

2. Manurke mulvenike Tursikina<s>

mi Araθia Velaveśnaś zamaθi

"I (am) the votive offering for Arathia Velavesnas." "Mamerce Tursikinas has offered as a vow."

# COMMENT

Phrase 1

 $zama\theta$ : endingless N(m/f or n) sg. of the noun  $zama\theta$ - "votive offering, corresponding to Luwian hieroglyphic  $z\bar{a}matia$ - of the same meaning (Karkamis

A15b, § 22, see Woudhuizen 2011, 197; on the polyphonic reading of the Luwian hieroglyphic signs \*376 and \*377, see especially Woudhuizen 2011, 89-98).

# Tarquinia

Rix 1991, Ta 1.35, grave inscription, dated to the 3rd century BC.

1.	Śetre Curunas Velus	"Setre Curunas, (the son) of
	[R]amθa[s] Avenal-c	Vel and Ramtha Avenas, has
	samman śuθ[i]θ arce	erected the memorial in the
		tomb"

#### **COMMENTS**

Śetre: endingless N(m/f) sg. of the masculine praenomen Śetre- "Setre". *Curunas*: N(m/f) sg. in -s of the gentilicium *Curuna*- "Curunas". *Velus*: G sg. in -s of the masculine praenomen *Vel*- "Vel". *[R]amθa[s]*: G sg. in -s of the female praenomen *Ramθa*- "Ramtha". *Avenal*: G sg. in -l of the gentilicium *Avena*- "Avenas". -c: enclitic conjunction "and". *samman*: endingless A(m/f or n) sg. of the noun *samman*- "memorial", corresponding to Luwian hieroglyphic *sàma*- of the same meaning (Karaburun § 5; Kululu 2, § 2; cf. Greek τό σῆ μα σημαν- in compounds), and the root of the related verb *samana*- "to make, set up a memorial" (Boybeypinari 2, § 8; Hama 4, § 2) (for the Luwian hieroglyphic forms, see Woudhuizen 2011, 353). *śuθiθ*: Loc. sg. in -θ of the noun *śuθi*- "(part of the) tomb".

arce: 3rd person sg. of the past tense in -ce of the verb ar- "to -rect".

## Tarquinia

Rix 1991, Ta 1.107, on the wall of a tomb, dated *ca*. 200-100 BC (drawing: Bonfante/Bonfante 2002, 176, fig. 53).

(victory)."

 Felsnas La Leθes svalce avil CVI
 murce Capue
 tlece Hanipaluscle
 "He died at Capua."
 "He served as a mercenary at the day of Hannibal's

#### COMMENTS

Phrase 1

*La*: abbreviation of the N(m/f) sg. of the masculine praenomen *Larθ*- "Larth". *Felsnas*: N(m/f) sg. in *-s* of the gentilicium *Felsna*- "Felsnas". *Leθes*: G sg. in *-s* of the masculine praenomen *Leθe*- "Lethe".

*svalce*: 3rd person sg. of the past tense in *-ce* of the verbal root *sval-* "to live". *avil*: endingless A(m/f or n) sg. of the noun *avil-* "year", used for the pl. here.

# Phrase 2

*murce*: 3rd person sg. of the past tense in *-ce* of the verbal root *mur-* "to die", derived from or related to that of Latin *morior* of the same meaning. *Capue*: D sg. in *-e* of the TN *Capua-* "Capua". Note that the D is used here to express a locative relation.

# Phrase 3

*tlece*: 3rd person sg. of the past tense in *-ce* of the verbal root *tle-* "to pay, be paid", related to that of the noun *tltelte-* "(things) paid for, revenues" from TC, originating from Lycian ttl(e)i- "to pay".

*Hanipaluscle*: D sg. in *-e* of the compound *Hanipaluscl-* consisting of the G sg. in *-s* of the Punic MN *Hanipalu-* "Hannibal" with the element *-cl-* attached to it corresponding to the variant characterized c/t-interchange of -t(a)l- "day". Now, "at the day of Hannibal's" can, of course, only bear reference to that of his crushing victory against the Romans at Cannae in 216 BC.

# Tarquinia

Rix 1991, Ta 5.2, grave inscription, dated ca. 350-325 BC.

 Larθiale Hulχniesi Marcesi-c Caliaθesi mun-sle nac-nvaiasi θamce Lei "During (the praetorship) of Larth Hulkhnies and Marce Caliathes as a first obligation Lei[] has built for his son."

# COMMENTS

For the dating-formula at the beginning, cf. *zilci Velusi Hul\chiniesi* "during the praetorship of Vel Hulkhnies" at the start of yet another grave inscription from Tarquinia (Rix 1991, Ta 5.5) and *zilci La*<*r*> $\theta$ ale Nula $\theta$ es "during the praetorship of Larth from Nola" in the inscription on a weight from Caere discussed in the above.

*mun*: endingless A(m/f) sg. or N-A(n) sg. of the noun *mun(i)*- "obligation", related to the verb *muni*- "to have a duty, be obliged" and the nominal derivative in *-st-*, *munist-*, also expressing the meaning "obligation".

*-sle*: endingless A(m/f) sg. or N-A(n) sg. of the ordinal number *sle* "first", which also occurs in the variant forms *sal*, *zal*, and *esl*-. For its enclitic use in attachment to the same nominal root, cf. MD *mul-sle* "the first as a thank-offering". *nac*: sentence introductory particle.

*nvaiasi*: adjectival formation in -(a)si, used for the expression of a dative relationship, of the nominal root *nvai*- "son", corresponding to Luwian hieroglyphic *nawaī*- for the same meaning. The same root also occurs in abbreviated variant as

*nva*- (Rix 1991, Ta 1.50) and *na*- (Rix 1991, Ta 1.51, etc.), in their turn corresponding to the Luwian hieroglyphic graphic variants of *nawaī*-, *nawa*- and *na*-, respectively, always in combination with the particle *nac*-, which, however, is not used in these contexts to mark the beginning of a new phrase and of which the use, therefore, remains in need of further clarification. Note also in this connection the variant form *nuva*- of the kinship term under consideration in the combination *nac-nuva* as attested for yet another inscription from Tarquinia (Rix 1991, Ta 7.60), of which the meaning "son" can be verified thanks to its use in variant form *nuvi* in a bilingual inscription from Clusium (Rix 1991, Cl 1.1181). *θamce*: 3rd person sg. of the past tense in *-ce* of the verb *θam*- "to build".

# Clusium

Wallace 2008, 166 (ETP 285), on the wall of a tomb, dated *ca*. 500-450 BC.
1. *ei-n θui ara anan* "Do not place anything below

the altar!"

#### COMMENTS

*ei*: negative adverb "not", also occurring in form of monophthongized *e* (on the latter see below).

*-n*: A(m/f) sg. of the enclitic pronoun of the 3rd person, also occurring in "syllabic" variant *-ne*. Note that this form is used here for the neuter "it" or perhaps the indefinite "anything". Its combination with the negative adverb *ei* is paralleled for PC § 23.

 $\theta ui$ : 2nd person sg. of the imperative in *-i* of the verb  $\theta u$ - "to place", which also occurs in writing variant *tva*-.

ara: D sg. in -a of the noun ara- "altar".

*anan*: postposition "below, under", also attested in variant form *ana* for CT. Note that the final *n* is paralleled for its Luwian equivalent *anan*, which latter rules the D case in like manner as this happens to apply here.

#### Perugia

Rix 1991, Pe 5.2, grave inscription, dated to the 2nd century BC.

2. *e-tve θaure lautneś-cle caresri* 

"Do not place (anything) in the store-room on the day that the family members themselves are commemorating."

COMMENTS

*e*: writing variant of the negative adverb *ei* "not", characterized by monophthongization. *tve*: writing variant of the endingless 2nd person sg. of the imperative of the verb *tva*- "to place", which, as we have seen, also occurs in writing variant  $\theta u$ -.

 $\theta aure: D \text{ sg. in } -e \text{ of the noun } \theta aura- \text{ "store-room".}$ 

lautnes: N(m/f) pl. in -es of the noun lautn- "family".

-*cle*: D sg. in -*e* of the writing variant of the element -t(a)l- "day" characterized by *c/t*-interchange.

*caresri*: infinitive of the middle-passive in *-ri* of the verb *cares-*, which may be analyzed as a derivative in *-s-* of the noun *caru-* "beloved, dear". If correct, the verb likely renders the meaning "to take care of, to caress", or, within funerary context as presently applies, "to commemorate". Note that the combination of *caresri* with *lautnes* confronts us with a *nominativus cum infinitivo* construction.

# Tarquinia

Rix 1991, Ta 5.6, grave inscription, dated ca. 175-150 BC.

1.	eθ fanu śaθe-c lavtn Pumpus	"In the presence of the female
	scunis śuθiθi in flenzna teisnica	and male (member)s (of the)
		Pumpus-family participants in a
		procession in(to) the grave
		may lay down (offerings) du-
		ring worship of the image(s)."

## COMMENTS

 $e\theta$ : preposition "in the presence of", ruling the D.

*fanu*: endingless D-G pl. of the adjective *fanu*- "female", related to the GN *Uni*-"Lady" and likewise originating from Luwian hieroglyphic *wana(ti)*- "woman". *sa* $\theta e$ : D-G pl. in *-e* of the adjective *sa* $\theta$ - "male", which root is also present in writing variant characterized by *s*/*z*- and  $\theta$ /*t*-interchange in the derivative *zatla* $\theta$ "armed guard" and Latin *satelles* of the same meaning (Wallace 2008, 130). As a matter of fact, in the latter case we are dealing with an adjectival derivative in *-(a)li*- of the Lycian variant *-* $\sigma \alpha \tau \eta \varsigma$  as attested for names in Greek transcription, of Luwian hieroglyphic *ziti*- "man" (cf. Houwink ten Cate 1961, 171-172). *-c*: enclitic conjunction "and".

lavtn: endingless D-G pl. of the noun lautn- "family".

*Pumpus*: G sg. in *-s* of the gentilicium *Pumpu-* of Italic origin, cf. Osco-Umbrian *Pumpe-*, which is related to Latin *quinque* "5".

*scunis*: N(m/f) pl. in *-is* of the noun *scun-* "participant in a procession", which is based on the same root as the verb *ścu-*, *scu-* or *scuv-* "to walk in procession". *śuθiθi*: Loc. sg. in *-θi* of the noun *śuθi-* "grave".

in: preposition "during".

*flenzna*: infinitive in *-na* of the verb *flenz-*, the root of which may well be related to that of the noun *fler-* "statue(tte)" if we are indeed dealing here with an r/n-stem.

*teisnica*: 3rd person pl. of the subjunctive in *-ca* of the verb *teisni-* "to lay down", which appears to be a derivative in *-ni-* of *tes-* or  $\theta es$ - for the same meaning.

# Library of the Vatican

Copied in the 15th century (Facchetti 2001, 231).

1.	Larθi Cilnei Luvχumesal	"Larthi Cilnei, daughter of
	Cilnies sex	Laukhumes Cilnies."
2.	an Aritima-χ Meani ar[u]since	"During (her lifetime) she was
		civic magistrate in regard to
		(the cult of) Artemis and
		Mean."
3.	Crθlu-m lupu Felznealc	"And (when) Cruthlus (had)
		die(d) in the region of Felsina,"
4.	naχ-um-se puia amce Arnθal	(then) she became the wife of
	Spurinas	Arnth Spurinas."
5.	cver puθsce [s]иθи uzr	"(And) so he consecrated (this)
		grave (for her and her) son(s)."
6.	ei-n-χ sal lurce-φu lurce	"And not (for the) first (time)
		he organized them, games after
		games."
7.	ces puia amce avil XIIII	"For this (person) she was 14
		year(s) the wife."
8.	lupu-m avils LXXXIII	"And she die(d) (at the age) of
		83 year(s)."

# COMMENTS

## Phrase 1

*Lar\thetai*: endingless N(m/f) sg. of the female praenomen *Lar\thetai*- "Larthi(a)". *Cilnei*: endingless N(m/f) sg. of the gentilicium *Cilnei*-, otherwise occurring in male variant *Cilnie*- "Cilnies". For the combination of female praenomen with gentilicium in the nomative, cf. *Lar\thetai Le\thetaanei* in a dedicatory inscription from Tarquinia (Rix 1991, Ta 3.9).

*Luv\chiumesal*: D-G sg. in *-(a)l* of the masculine praenomen *Luv\chiumes-* "Laukhumes".

*Cilnies*: D-G sg. in *-s* of the gentilicium *Cilnie-* "Cilnies". *seχ*: endingless D sg. of the noun *seχ-* "daughter".

Phrase 2

an: preposition "during", also occurring in writing variants en and in.

Aritima: D sg. in -a of the GN Aritim- "Artemis".

 $-\chi$ : enclitic conjunction "and", also attested in writing variant -*c*.

Meani: D sg. in -i of the GN Mean- "Mean" as recorded for various mirror scenes.

*ar[u]since*: 3rd person sg. of the past tense in *-ce* of the verb *arusin-* "to be civic magistrate", which may reasonably be analyzed as a factitive in *-n-* of an adjectival derivative in *-si-* of the noun *aru-* "citizen", corresponding to Lycian *aru-* of the same meaning.

# Phrase 3

 $Cr\theta lu$ : endingless N(m/f) sg. of the gentilicium  $Cr\theta lu$ - "Cruthlus".

*-m*: enclitic conjunction "and".

*lupu*: endingless form representing the 3rd person sg. of the past tense in *-ce* of the verb *lupu*- "to die".

*Felznealc*: ethnic formation in *-c* "from the place" as attested in writing variant  $-\chi$  in *Ruma* $\chi$  "from Rome" of adjectival derivative in *-al-* of the TN *Falzne-*"Felsina".

# Phrase 4

*nax*: sentence introductory particle attested in writing variant *nac* for PB. *-um*: enclitic conjunction "and" also occurring in form of *-m*.

*-se*: N(m/f) sg. of the enclitic pronoun of the 3rd person, otherwise occurring in form of *-s* or *-ś*. Note that the present syllabic writing variant is paralleled for the A(m/f) form of this pronoun, *-n*, also appearing as *-ne*.

puia: endingless N(m/f) sg. of the noun puia- "wife".

amce: 3rd person sg. of the past tense in -ce of the verb am- "to be".

Arn $\theta al$ : G sg. in -(a)l of the masculine praenomen Arn $\theta$ - "Arnth".

Spurinas: G sg. in -s of the gentilicium Spurina- "Spurinas".

## Phrase 5

cver: conjunction "because of" (see above).

 $pu\theta sce:$  3rd person sg. of the past tense in *-ce* of the verb  $pu\theta s-$  "to consecrate". The root of the verb is related to Luwian hieroglyphic *pu-* or *puti-* "to sacrifice" as attested for Maraş 14, § 9 and Maraş 8, § 10, respectively (see Woudhuizen 2011, 351).

[s] $u\theta u$ : endingless A(m/f or n) sg. of the noun su $\theta i$ - "(part of the) grave", which also appears in writing variant  $\dot{s}u\theta i$ -.

*uzr*: endingless form showing a writing variant of the root *huśur*- "son, boy" and likely representing the D sg. or pl. here.

## Phrase 6

*ei*: negative adverb "not", also occurring in monophthongized writing variant *e*. -*n*: A(m/f) sg. of the enclitic pronoun of the 3rd person, used here proleptically for the pl. "them" (note that Latin *lūdus* is of masculine gender) in like manner as this is the case with its Lycian equivalent -*ñne* in the trilingual text from Xanthos, lines 3-4 (cf. Laroche 1979). For the proleptic use of this form, cf. the prohibition against stealing in a vase inscription from Clusium: *e-n mini pi kapi* "do not give (or) take it, (viz.) me, (away)" (Rix 1991, Cl 2.4). - $\chi$ : enclitic conjunction "and", also attested in writing variant -*c*. *sal*: ordinal numeral "first".

*lurce*: 3rd person sg. of the past tense in *-ce* of the verb *lur-* "to organize games", derived from the rhotacized variant *lur-* of the noun  $lu\theta$ - "game".

- $\phi u$ : enclitic variant of the preposition *apa* "behind, after", which is also encountered in form of *epn* and from an etymological point of view corresponds to Luwian ap(p)an of the same meaning.

Phrase 7

*ces*: D-G sg. in *-s* of the demonstrative pronoun c(a)- "this". *avil*: endingless A(m/f or n) sg. of the noun *avil*- "year", used for the pl. here.

Phrase 8 -*m*: enclitic conjunction "and". *avils*: G sg. in -*s* of the noun *avil*- "year", used for the pl. here.

# Caere

Rix 1991, Cr 5.2, grave inscription, dated to the 4th century BC (drawing: Facchetti 2001, 12).

1.	Laris Avle Larisal clenar sval	"Laris (and) Avle, sons of
	сп ѕиθі сегіхипсе	Laris, while living have built
		this (part of) the grave."
2.	apa-c ati-c sani-sva θui cesu	"Place both their younger as
		well as older relatives (in this)
		chamber."
3.	Clavtieθurasi	"For the brotherhood of the
		Claudii."

## COMMENT

Note that the division of this text into three phrases is warranted by the fact that each phrase is followed by a *vacat* and that they are separated from each other by two lines of division.

# NOUN

	sg.	pl.
N(m/f)	—, - <i>s/-ś</i>	-i, -e, -is, -eś
A(m/f)	—, - <i>n</i>	-i, -is/-iś, -es/-eś, -aś
N-A(n)	—, -s/-ś, -n	-a
D	-a, -e, -i, -u	-as (dual)
D(-G)	- <i>l</i> , - <i>s</i> /- <i>ś</i>	-ai, -e
G	- <i>l</i> , - <i>s</i> /- <i>ś</i>	-ai
AblInstr.	$-\theta(i)/-ti$ , $-te$ , $-r(i)$	$-\theta$ , $-te$ , $-r(i)$
Loc.	$-\theta(i)/-t(i)$	

# PRONOUN

	demonstrative		3rd person	
	sg.	pl.	sg.	pl.
N(m/f)	eca, ta, χiś	θii	-s(e)/-ś	
A(m/f)	(e)cn, (i)tan(e)	cuies	-n(e)	-is/-iś, -n
N-A(n)	ica, eca, ita	ica, eca, -ta		
D	(i)cei, tei		-i(a)	-e(i)
D(-G)	(e)cs, ces, -cś,	ecnia, icni,	-l(a), -s/-ś	
	-cal, ital, -xval	itani, -xve		
G		<i>-ci</i> (dual)		-iei
AblInstr.	cver(a), - $\chi r$	itirśver		
Loc.	cl $ heta(i),$ -cil $ heta i$			

# VERB

	present/future	past tense	subjunctive	imperative
1st sg. act.	-ve			
2nd sg. act.				—, - <i>i</i>
3rd sg. act.	$-\theta(i)/-t(i), -e(i), -i$	-ce/-ke/-xe	-a, -θa, -ca	-и, -си
3rd pl. act.	$-n\theta(i), -nt$	-(n)ce, -ke	-nθa, -ca	
3rd sg. mp.	-θur			
3rd pl. mp.	-n(a)θur			
	active		middle-passiv	ve
infinitive	-(u)na, -(u)ne, -ni		-r(i)	
participle	-nt-, -as			

Table 1. System of (pro)nominal inflection and verbal conjugation.

# ADDENDUM

In consulting the papers of a colloquium held on the occasion of the 109th yearly meeting of the Archaeological Institute of America, held January 3-6, 2008, in Chicago, and published by Nancy Thomson de Grummond and Ingrid Edlund-Berry in 2011, I stumbled upon the discussion of a newly found Etruscan inscription from Orvieto by Simonetta Stopponi in an appendix to her main contribution on new discoveries at the Campo della Fiera at this site. In my opinion, it can be transliterated and interpreted as follows:

#### Orvieto

Stopponi 2011: 37-42 inscribed statue base in the form of an altar dated to the last quarter of the 6th century BC.

1.	Kanuta Larecenas lauteniθa	"Kanuta Larecenas, freedman,
	Aranθia Pinies puia turuce	(and) Aranthia Pinies, (his)
		wife, have given."
2.	tlus-χval marveθul faliaθere	"(The fund covers the cost) for
		whatever offering one will be
		sacrificing as a fire offering on
		the day of the Great (Gods)."

#### **COMMENTS**

### Phrase 1

*Kanuta*: endingless N(m/f) sg. of masculine praenomen *Kanuta*-, known, as Stopponi duly notifies, from the Oscan possession formula *Kanuties sim* "I am of Kanutie", where it appears in adjectival derivative in *-ie*- and characterized by the G sg. ending in *-s*. In view of the fact that the root of this name also appears in the Phrygian compound *Kanutieivais* "son of Kanuties" (Woudhuizen 2008-09, 197-198 [discussion of P-03]), it may reasonably be assumed to be of Phrygian antecedents (cf. also Linear *A ka-nu-ti* from HT 97a.3 as referred to in Woudhuizen 2009: 109).

Larecenas: N(m/f) sg. in -s of the gentilicium Larecena- "Larecenas".

*lauteni* $\theta a$ : endingless N(m/f) sg. of a variant form of regular *lautni* $\theta a$ - or *lautnita*- "freedman".

Aran $\theta ia$ : endingless (m/f) sg. of the female praenomen Aran $\theta ia$ - "Aranthia". Note that the female nature of this name is underlined by fact that it also occurs in variant writing Arn $\theta ia$ - or Arntia-, of which the female nature is established by Hadas-Lebel 2004, 276. It is interesting to note in this connection, as Stopponi does, that in an inscription from Volsinii (Vs. 1.14 [late 6th/early 5th century BC]: [mi Ar]an $\theta ia$  Laricenas Val $\chi aes$  "I (am) for Aranthia Laricenas Velkhaes") the female praenomen Aran $\theta ia$ - occurs in combination with the gentilicium Laricena-, a writing variant of Larecena-, so that we might well be dealing here with a daughter or more distant relative of the dedicators in the present inscription.

*Pinies*: N(m/f) sg. in *-s* of the gentilicium *Pinie-* "Pinies", primarily attested for inscriptions from the region of Tarquinia (Ta 1.20-4; 1.26), but once also for an inscription from Vulci (Vc 1.101).

puia; endingless N(m/f) sg. of the kinship term puia- "wife".

turuce: 3rd pers. pl. of the past tense in -ce of the verbal root turu- "to give".

## Phrase 2

*tlus*: the first element of the composite form *tlus* $\chi val$ , *tlus*, confronts us with a reflex of Greek  $\tau \epsilon \lambda \alpha$  "expense, payment, obligation, tax, tribute", which in a religious context boils down to "offering" (i.e. something due be given to the gods). - $\chi val$ : D-G sg. in -*l* of the enclitic relative pronoun - $\chi v(a)$ - "who, what", which also occurs in variant writing -cv(a)-, characterized by  $\chi/c$ -interchange.

*marve* $\theta ul$ : the present form is singled out as a day name by the final element - $\theta ul$ -, which is nothing but a writing variant of -tul- "day" as attested for numerous day names in CT (Woudhuizen 2008, 242-244), characterized by  $\theta/t$ -interchange. The first element of this form, *marve*, may well be analyzed as a D-G pl. in -e of the root marv-, related to the indication of a religious functionary, maru- "priest" (in AT 1.32 from the region of Tarquinia: maru paya $\theta$ uras ca $\theta$ s-c "priest of the Bakkhic-brotherhood and Cautha", but ultimately related to Gaulish maros "great" (Delamarre 2003, 218-219; originating from Proto-Indo-European \*mē-,  $m\bar{o}$ -). In line with this latter relationship, it may reasonably argued that marve $\theta ul$ refers to the day for the festivities of the Great Gods (Greek Θεοί Μεγάλοι; Phrygian mekas devos [D pl.], see Woudhuizen 2008-09, 197-198), also known as the Kabeiroi, Penates, or, in the Etruscan context, Tinas cliniiaras "the sons of Tin [D dual]" as attested for an inscription from Targuinia, Ta 3.2). If we realize that the Dioskouroi, the Greek equivalent of Etruscan "sons of Tin", play a prominent role in the Bacchic mystery cult, the mention of the more developed form *marutl* on a 5th century BC vase from Vulci (Vc 0.34) with scenes of Bacchic festivities as referred to by Stopponi 2011, 39, need not surprise us, not to say that its translation as "on the day of the Great (Gods)" is entirely fitting to the occasion.

*faliaθere*: 3rd pers. sg. of the present/future of the (middle-)passive in *-θere* of the verbal root *falia*-, a writing variant of *fala*- "to elevate, bring as a fire offering". The present writing variant of the verbal root is easily explained against the background of its Luwian equivalent, occurring in form of *wala*- as well as *walia*-(Woudhuizen 2011, 370). Thus far this ending is only attested in form of *-θur* in the verbal form  $t\bar{e}n\theta ur$  "it will be hold or kept" (TC A, I 2; 3; 6), originating from Latin *-tur* for the same function. But here we appear to be confronted rather with a corresponding form of the 3rd pers. sg. of the present/future of the middle passive in Hittite, *-tari* (Friedrich 1960, 108; 110). Luwian hieroglyphic is out of tune in this respect, with endings in *-rti* or *-r(i)* for the function in question (Woudhuizen 2011, 314).

## Correction

In Woudhuizen 2008, 309, note 133, I assumed that the reference by Rix 1991,

OI S.63 for the occurrence of *Maris Tinsta* in the legends to the mirror scene of ES 284, 2 was mistaken. This assumption was based on the fact that the legend in question is highly damaged and associated with a bearded adult instead of a newborn child. In the mean time, however, the reading of the legend in question has been improved, as clearly demonstrated by the drawing of this mirror in de Grummond 2006, 81, V.10, which in turn is based on Bonfante 1990, 36, Fig. 19. Against the backdrop of the interpretation of *Tinsta* as *Tins-ta* "this (is) Tins" and the latter's identification wih *Maris*, this is important in the context of my argument that the GN *Tins* "Dionysos" existed alongside that of *Tinia* "Zeus", as he is depicted as a separate deity in one and the same mirror scene together with *Tinia*.

## News on the Etruscan primary numerals

In the FS Gusmani of 2006, John D. Ray argues cogently that the sequence of the Etruscan primary numerals "1" and "2", in general taken to be represented by  $\theta v$  and *zal*, respectively, and as such forming one of the foremost stumbling blocks against the identification of the Etruscan language as belonging to the Indo-European family, may well be reversed (Ray 2006, 1470: "On balance, the reversal of the numbers *zal* and  $\theta v$  has something to be said for it."). If so, the case for their relationship with Indo-European equivalents, like, for example, Luwian hieroglyphic *sa*- "1" (< PIE \**sem*-) and *tuwa*- "2" (< PIE \**d*(*u*)*woh*<sub>1</sub> or \**dwi*-) seriously comes into consideration (note that *zal*, etc., is actually the ordinal variant of cardinal *ez*). In fact, Ray (2006, 1471) even goes one step further and boldly entertains the idea that *ci*- "3" may originate from PIE \**tri*-. Unfortunately, however, the author appears to be unaware of the fact that I argued along these lines already in Woudhuizen 1988-89 – a much improved version of which has now appeared as section 11 in my book on the colonial Luwian nature of the Etruscan language of 2008 (pp. 171-186).

#### BIBLIOGRAPHY

Bonfante, L. 1990: Etruscan, London.

- Bonfante, G./L. Bonfante 2002: *The Etruscan Language, An Introduction*, Manchester/New York (revised edition).
- Delamarre, X. 2003: Dictionnaire de la langue gauloise, Une approche linguistique du vieuxceltique continental, Paris.
- Facchetti, G.M. 2001: L'enigma svelato della lingua etrusca, La chiave per penetrare nei segreti di una civiltà avvolta per secoli nel mistero, Roma (seconda edizione).
- Facchetti, G.M./K. Wylin 2004: Nuove letture sull'aequipondium di Cere, La Parola del Passato 59, 389-396.
- Friedrich, J. 1960: *Hethitisches Elementarbuch* I, Heidelberg (zweite, verbesserte und erweiterte Auflage).
- Grummond, N.T. de 2008: *Etruscan Myth, Sacred History and Legend*, Philadelphia. Gusmani, R. 1964: *Lydisches Wörterbuch*, Heidelberg.
- Hadas-Lebel, J. 2004: Le Bilinguisme Étrusco-Latin, Contribution à l'Étude de la
- Romanisation de l'Étrurie, Louvain/Paris/Dudley, MA.

Houwink ten Cate, P.H.J. 1961: *The Luwian Population Groups of Lycia and Cilicia Aspera during the Hellenistic Period*, Leiden (PhD thesis).

Laroche, E. 1979: La stèle trilingue du Létôon: version lycienne, in: Metzger, H. (éd.), Fouilles de Xanthos 6, Paris, 49-127.

Maggiani, A. 2002: La libbra etrusca, Sistemi pondezali e monetarione, *Studi Etruschi* 65-68, 163-199.

Mansuelli, G. 1963: *Etrurien und die Anfänge Roms* (Kunst der Welt, II: Die Kulturen des Abendlandes), Baden-Baden.

Pfiffig, A.J. 1975: Religio Etrusca, Graz.

Ray, J.D. 2006: Is Etruscan an Indo-European language? The case revisited, in: Bombi, R./G. Cifoletti/F. Fusco/L. Innocente/V. Orioles (eds.), *Studi Linguistici in onore di Roberto Gusmani*, Volume III, Alessandria, 1467-1482.

Rix, H., et alii 1991: Etruskische Texte, Editio Minor, I: Einleitung, Konkordanz, Indices, II: Texte (ScriptOralia, 23-24), Tübingen.

Stopponi, S. 2011: Campo della Fiera at Orvieto: new discoveries, in: Grummond, N.T. de/I. Edlund-Berry (eds.), *The Archaeology of Sanctuaries and Ritual in Etruria* (Journal of Roman Archaeology, Supplementary Series, 81), Plymouth, R.I., 16-44.

Wallace, R.E. 2008: Zikh Rasna, A Manual of the Etruscan Language and Inscriptions, Ann Arbor/New York.

Woudhuizen, F.C. 1988-89: Etruscan Numerals in Indo-European Perspective, *Talanta*, Proceedings of the Dutch Archaeological and Historical Society 20-21, 109-124.

Woudhuizen, F.C. 2005: *Selected Luwian Hieroglyphic Texts* 2 (Innsbrucker Beiträge zur Kulturwissenschaft, Sonderheft 124), Innsbruck.

Woudhuizen, F.C. 2008: *Etruscan as a Colonial Luwian Language, Linguistica Tyrrhenica* III (Innsbrucker Beiträge zur Kulturwissenschaft, Sonderheft 128), Innsbruck.

Woudhuizen, F.C. 2009: *The Earliest Cretan Scripts* 2 (Innsbrucker Beiträge zur Kulturwissenschaft, Sonderheft 129), Innsbruck.

Woudhuizen F.C. 2011: Selected Luwian Hieroglyphic Texts: The Extended Version (Innsbrucker Beiträge zur Sprachwissenschaft, 141), Innsbruck.

Woudhuizen, F.C./F.M.J. Waanders 2008-09: Phrygian & Greek, Talanta, Proceedings of the Dutch Archaeological and Historical Society 40-41, 181-217.

Fred C. Woudhuizen Het Hoekstuk 69 NL-1852 KX Heiloo The Netherlands fredwoudhuizen@yahoo.com