

LESSON 4

PHONOLOGY

Modifications of consonants and vowels

To students of other ancient languages, such as Latin, Greek, or Sanskrit, the most disturbing feature of Avestan is the seeming—and sometimes actual—irregularity of the shape of the language. Thus, knowing how to produce the grammatical form of one word does not guarantee the ability to produce the same grammatical form of another word, even if the two words belong to the same grammatical category.

For instance, the accusative and genitive singular forms of *haoma-* are *haomam* and *haomahe*, but of *mašii-* the same forms are *mašim* and *mašiihe*. Similarly, the 3rd sing. present indicative of *bara-* “to carry” is *baraiti* “he carries,” but of *yuidiia-* “to fight” it is *yuidiieiti*, compare the OInd. forms:

Avestan	Old Indic	Avestan	Old Indic
<i>haomō</i>	<i>somo</i>	<i>mašiiō</i>	<i>martiyo</i>
<i>haomam</i>	<i>somam</i>	<i>mašim</i>	<i>martiyam</i>
<i>hamahe</i>	<i>somasya</i>	<i>mašiihe</i>	<i>martiyasya</i>
<i>baraiti</i>	<i>bharati</i>	<i>yuidiieiti</i>	<i>yudhyati</i>

Not only endings vary in shape, even the stem of the word sometimes changes, thus “I am” is *ahmi*, but “he is” is *asti*, and “they are” is *hanti*, and “bad” is *aka-*, while “worst” is *acišta-*.

Not all of these changes can be predicted from within Avestan. Some require knowledge of the history of the language to understand. It cannot be recommended strongly enough that the students learn whatever rules there are and note in what kind of words and stems they occur. “Guessing” forms in Avestan is not a good idea.

1. Palatalization of *a* (*i*-umlaut)

This section describes the palatalization of *a* when **not** followed by a nasal (see Lessons 5, 7):

a > *e* when preceded by *y* or *ii* and followed by *i* or *e* or when in final position after *h*, *n*, *r*, or *s*. This rule affects numerous nominal and verbal forms.

In the table below palatalization is indicated by a raised *-i-*. Frequently the original *-iia* has been reintroduced.

Summary of changes (C = consonant):

<i>*yaCi</i>	>	<i>yeCⁱi</i>	<i>*yadi</i>	>	<i>yeiⁱdi</i>
			<i>*yazi</i>	>	<i>yezi</i>
<i>*yaCe</i>	>	<i>yeCⁱe</i>	<i>*āiase</i>	>	<i>āiiese</i>
			<i>*frā-īaze</i>	>	<i>frāiieze</i>
<i>-Cīa</i>	>	<i>-Cⁱe</i>	<i>*ariā</i>	>	<i>aire</i> (not <i>†eire</i> !)
			<i>*-ahīa</i>	>	<i>-ahe</i>

Notes:

On the “intrusive” *i* in *yeiⁱdi* and *aire*, see below.

yaz- has *yaze*, not **yeze*

2. Labialization of *a* (*u*-umlaut)

A short *a* followed by *r* or *h* is labialized—or “rounded”—into *o* before an *u* (not *uu*) in the following syllable, e.g., *pouru-* < **paru*, *vohu-* < **vahu*, *pouru.sarāda-* “of many species,” *vohu.friiāna-*

“Vohu.friiāna” (a kind of fire), *vohuuəraz-* “who performs good (acts)” (< *vohu* + *vəraz-*).

This change also takes place when the *u* is not an original *u*, e.g., *pourum* < **pa^uruuam* “prior, former.” In *-aṇhu-* the *a* is never labialized.

Note: On the “intrusive” *u* in *pouru*, see below.

3. Palatalization and labialization of consonants: *i*- and *u*-epenthesis

The most common sound alternations in Avestan are those referred to as palatalization or *i*-epenthesis and labialization or *u*-epenthesis.

“Palatalization” here means lifting the flat tongue toward the palate and touching it while pronouncing the consonant (as in Russian). (“Palatalized” is different from “palatal,” which refers to the palate as point of articulation, with the tip of the tongue or flat tongue.)

“Labialization” means rounding the lips while pronouncing the consonant.

It cannot now be determined when exactly these sounds arose in Avestan. It can have been in the proto-Avestan, the Avestan, or even in the post-Avestan period—at some stage of the later oral transmission of the text.

4. Palatalization of consonants

Palatalization of consonants occurred when *i* or *j* palatalized preceding consonants or consonant groups. In the Avestan orthography the palatalization is explicitly noted in two ways:

1. by special consonant signs: *ń, ħ, ʃ* (on which see Lesson 3);
2. by writing an *i* before the palatalized consonant.

It cannot now be ascertained whether consonants other than *ń, ħ, ʃ* were actually palatalized (as in Russian) or—if they were—for how long they remained so during the transmission of the texts. It is reasonable to assume that at some stage of the transmission the originally palatalized consonants lost their palatalization, leaving behind only the epenthetic *i* (which then virtually formed a diphthong with the preceding vowel).

Not all consonants show palatalization by epenthesis. Thus, the palatal consonants *c* and *j* and the sibilants (*s, z, š, ž*), as well as *m* and *h*, never do. Other consonants, however, regularly do, e.g., *aipi* (< **api*), *aip̥i* (< **abi*), *aēiti* (< **aēti*), *aēibiš* (< **aēbiš*), *āhūri* (< **āhūri*).

Occasional exceptions may be attributed to late scribal practice, e.g., *sure*, not *suire*.

Note also that according to the standard editions we have, for instance, *aēibiō* but *ābiiō* (not *ābiiō*) and *-aiti* but *-atica*, *-rēiti* but *-rētica*, etc.

Consonant groups are rarely palatalized, the only important exception being *nt*, e.g., *astuuainti* “in (the world) with bones.” The word *māzdaiiasni-* sometimes shows palatalization: *māzdaiiesniš*, *māzdaiiesnim*, beside *māzdaiiasniš*, *māzdaiiasnim*.

Palatalization is also seen in the group *r* + consonant: *airime* “in peace” (< **arm̥e*).

When the vowel preceding the epenthetic *i* and *u* is *ā* (*āi* and *āu*) it cannot be determined from the orthography alone whether we have an original long diphthong = *āi*, OInd. *ai*, or *ā* + *i*.

5. Labialization of consonants

Labialization of consonants occurred when a *u* labialized a preceding *h* or a *u* labialized a preceding *r*.

A labialized *h* became *x^v* initially, but *ṇ^vh* between vowels. For both these sounds special consonant signs were invented.

We see that *x^v* and *ṇ^vh* are in complementary distribution: *x^v* is used initially, *ṇ^vh* between vowels. Only by analogy or influence from Old Avestan is *x^v* found between vowels.

Labialized *r* is expressed by writing a *u* before the *r*: *ur*.

When the vowel preceding the epenthetic *u* is *ā* (*āur*) it cannot be determined from the orthography alone whether we have an original long diphthong = *āu*, OInd., or *ā* + *u*.

6. Combined palatalization and labialization

Palatalization and labialization can be combined, as in **paruuia-* > *paoiria-* “first” and **paruuī-* > *paoirī-* (fem. of *pouru-* “much”).

The velar nasals

The palatalized and labialized velar nasals *ḡ* and *ṡ* appear only before *h*. If *ḡh* is analyzed as a realization of /h/, then these too should probably be analyzed as palatalized and labialized realizations of /h/.

For *ḡh* < *hḡ*, cf. *vaḡhō* “better” < **vah-ḡah-*, and *daḡhu-* “land” < **dah-ḡu-*, cf. the genitive plural *daḡiiunqm*.

The group *ḡh* seems to be the rule when followed by final *-e* (< **-ai*) in the genitive singular of *a*-stems, the dative singular of *h*-stems (*manaḡhe*), and the 2nd singular middle (*pərəsāḡhe*). Of these only the dative form is regularly spelled with *ḡ* (or *ṡ*) in the manuscripts. In the genitive singular and 2nd singular middle the endings are usually *-ahe*. In the 2nd singular middle *-ḡhe* seems to be limited to the position after long *ā* (*ā*), there being only one example of an ending *-aḡhe* with short *a*. In the genitive singular, *-aḡhe* is common in the pronoun “his, its” beside *ahe*. Note also *vahehī-* < **vah-ḡah-ī-*, feminine of *vaḡhah-*.

Similarly *ṡh* is from **hṡ*, cf. *aṡhe* < **ahṡ-e*, dative sing. of *ahṡ* / *aṡhu-* “(state of) existence,” and the 2nd middle imperative ending *-ṡha-* < **-hṡa*, which has the allomorph *-suua* after dental (*dasuua* “take!” < **dad-sṡa*). In word formation *ṡh* alternates with *xṡ*: *xṡara-* “to eat” ~ *fraṡhara-* “to eat, consume.”

The velar fricatives

In Young Avestan *ḡ* appears only before *ii* in forms of *daḡhu-* (*daḡiiuma-*, *daḡiium*, *daḡiiunqm*, dual *daḡiiu* ~ *daḡhu*) and in the ethnic *ḡiiaona-* “Chionite”(?). It cannot be an allophone of *x*, as it does not appear in paradigms and word formation for *xḡ*, and its paradigmatic relationship to *ḡh* strongly suggests it should be analyzed as an irregular realization of *hḡ*: *daḡiiū-* may have been influenced by Old Avestan, and *ḡiiaona-* may be the local pronunciation of the ethnic.

The case of *xṡ* is similar. It is in complementary distribution with *ṡh*: initial ~ intervocalic, but the initial *xṡ* has regularly been restored after “privative” *a* (*xṡarəta-* ~ *axṡarəta-* “eaten, uneaten”). There are only two examples of intervocalic *xṡ* in Young Avestan: *kaxṡarəḡa-* “sorcerer” (cf. Skt. *kākhorda*), and the country name *Haraxṡaiī-*, which may preserve the local pronunciation.

Old **kṡ* also became *xṡ*, as in the act. perf. part. *vaoxṡah-* “having (ever) spoken.”

Consonant changes. Sandhi

The phenomenon of *sandhi* refers to the modification of consonants or vowels caused by preceding or following sounds. There are two kinds of *sandhi*: internal and external.

Internal sandhi refers to the changes that occur in the final consonant of the stem of a word before an ending or in the initial consonant of the ending, e.g., **drug* + *š* > *druxš* “the Lie,” *bad* + *ta* > *basta* “bound,” **dad-te* > *daz-de* “is made, given,” as well as in the initial consonants of the second members of compounds, e.g., *raḡaēštā-* “charioteer” < *raḡaē* + *stā-*.

External (or final) *sandhi* means that the final consonant of a word is modified because of the initial of the following word.

External *sandhi* is a fundamental feature of Old Indic but occurs only sporadically in Avestan and almost exclusively in connection with the enclitic particles *-ca* “and” and *-ciṡ*, a generalizing particle “even, -so-

ever,” occasionally before enclitic pronouns—rarely nouns—beginning with *t-*, e.g., *haomō + -ca > haomasca* “and Haoma,” *kō > -ciṭ > kasciṭ* “whoever, every,” *kasə θβqm* “who (pressed) you (O Haoma),” *xʷaxiiā tanuuō > xʷaxiiāsə tanuuō* “of (his) own body/self,” *anākāsə tāiiuś* “(if) not in full view, (he is) a thief” (Her.6)

In the paradigms sandhi forms are marked with a raised circle (°), e.g., *kas°* or *kasə°* for *kō*.

[In Sanskrit also the initial of a word can be modified because of the final of the preceding word, e.g., *tam śakram > tañ śakram > tañ chakram*.]

NOUNS

Masc. *iia-* and fem. *iiā-*stems

When the ending *-iia* is preceded by consonant, symbolically “*Ciia#*,” the group *-iia* ought to become *-e* according to the rule just given, at least when the consonant allows palatalization. Most often, however, the normal *a-* and *ā-*stem forms have been reintroduced. The masc. *iia-*stems and fem. *iiā-*stems have the following modified forms (paradigms: *airiia-* “Aryan,” *mairiia-* “villain,” *kaniā-* “young woman,” *mairiā-* “roguish woman”).

Examples:

	<i>iia</i> -decl.		<i>iiā</i> -decl.
Sing.			
nom.	<i>mašiiō</i>	<i>airiiō, airiias°</i>	<i>kaine, maire</i>
voc.	<i>mašiiā</i>	<i>*aire, maire</i>	<i>*maire</i>
Plur.			
nom.-voc.	<i>mašiiā, mašiiāṇhō</i>	<i>aire</i>	<i>kaniā, kaniās°</i>

Notes:

The vocative of nouns such as *mairiia-* should be **maire*, with *-iia > -e*, but no examples are found in the texts (although some are used here in the exercises).

The sandhi form of the plur. nom. masc. is—both in *iia*-stems and other *a*-stems—sometimes *-ā°*, e.g., *mašiiāca* “and men” (cf. *mašiiāka-* “people,” *staorāca* “and big animals”).

I have found no examples of forms in *-e < *-iia* of neut. *iia*-stems, such as **haiθe* “true” *< *haiθiia*. A form such as *vāstriia* “pastures” could probably not undergo palatalization.

Masc. *uua-*stems

The final ending *-uua* of various origins occasionally becomes *-uuō*. There seems to be one example of this change in a masc. *uua*-stem: *Huuōuuō* “the Huuōuūas.”

i- and *ī-*stems

The endings of the nom. and voc. sing. and plur. forms of the *i-* and *ī-*declensions are:

	<i>i</i> -decl.		<i>ī</i> -decl.
	m. f.	n.	f.
Sing.			
nom.	<i>-iś</i>	<i>-i</i>	<i>-i, -iś</i>
voc.	<i>-e</i>		<i>-i</i>
Plur.			
nom.-voc.	<i>-aiiō, -aiias°</i>	<i>-i</i>	<i>-iś</i>

Notes:

Aṣi- has the irregular voc. *Aṣi* (e.g., *Aṣi srīre* “O beautiful Aṣi!”; perhaps in analogy with *Arəduuī Sūre*).

In *Arəduuī* the ending is usually long in the manuscripts.

LESSON 4

Paradigms (*gairi*- m., *frauuaši*- f., *āhuiri*- n. “belonging to Ahura Mazda, Ahurian,” *vaŋ^hhi*- f. “good,” *baβrī*- “(female) beaver” (note how the palatalization and labialization rules work!):

	<i>i</i> -decl.			<i>ī</i> -decl.
	m.	f.	n.	f.
Sing.				
nom.	<i>gairiš</i>	<i>frauuašiš</i>	<i>āhuiri</i>	<i>vaŋ^hhi, baβriš</i>
voc.	<i>*gaire</i>	<i>*frauuaše</i>		<i>vaŋ^hhi</i>
Plur.				
nom.-voc.	<i>garaiiō, garaiias^o</i>	<i>frauuašaiiō, frauuašaiias^o</i>	<i>āhuiri</i>	<i>vaŋ^hhiš</i>

Note the irregular voc. *zāire* from *zairi*- “tawny,” common epithet of the *haoma*-.

r-stems. *ātar*- “fire” and agent nouns

The extremely common word for “fire” is *ātar*-, a masc. (irregular) *r*-stem. It has no nom.-voc. plur. forms.

Masc. nouns in *-tar*- denoting people who do something, occasionally or professionally, e.g., *pātar*- “protector,” *dātar*- “maker, creator,” are called agent nouns.

The neuter noun *vadar*- “striking weapon” has only the nom.-acc. sing.

These words are declined as follows:

Sing.				
nom.	<i>dāta</i>	<i>pāta</i>	<i>ātarš</i>	<i>vadarə</i>
voc.	<i>dātarə</i>	-	<i>ātarə</i>	
Plur.				
nom.-voc.	<i>dātārō</i>	<i>pātārō</i>	<i>ātarō</i>	

Note: the plur. of *raθaēštā*- is usually *raθaēštārō* after the *tar*-declension.

VERBS

Athematic verbs

Athematic verbs do not have an *-a-* before the ending, as in *jas-a-ta*. Instead the endings are added directly to the final consonant or vowel of the stem.

Examples of imperative active forms of athematic verbs (*daδā-/daδ*- “to give, place,” *naēd-/nid*- “to blame, scorn” *stao-/stu*- “to praise”):

Sing.	2	<i>-di, -di</i>	<i>stuiḍi</i> “praise!”	<i>dazdi</i> “give!”	
Plur.	2	<i>-ta</i>	<i>staota</i>	<i>dasta</i>	<i>nista</i> “blame!”

Notes:

The athematic ending of the 2 singular is *-di* after consonant, but *-di* after vowel, cf. also *jaiḍi* “strike, smash!” < *jan-/ja*-.

The forms *dazdi*, *dasta*, and *nista* are from **dad-di*, **dad-ta*, and **nid-ta* and provide examples of internal *sandhi*.

Some verbs show ablaut (see Lesson 10) in the imperative, e.g., *stuiḍi*, plur. *staota* from *stao-/stu*- “to praise,” probably also *mrao-/mru*- “to say.” Note that these verbs have a “short” form before *-di* and a “long” form before *-ta*. Few forms are attested.

The imperative of *iia*-stems

The 2 sing. imperative of *iia*-stems ought to be affected by the palatalization rules described above: *-iia* > *-e*. The **only** example appears to be ^o*nase* in *apa.nase*, *vī.nase* “get lost!” (V.8.21, Sb. 3). Thus, the *aiia*- and *āiia*-stems end in ^o*aiia* and ^o*āiia*.

The imperative active 3rd person

Unlike English, but like Latin, Greek, and Sanskrit, Avestan also has 3rd pers. imperatives.

The 3rd person imperative sing. and plur. should be translated into English as “let him/them do!,” “he/they must do.”

Paradigms (athem.: *aē-/i-* “go,” *daδā-/daδ-* “to give, place,” *mrao-* “say”; thematic: *bauua-* “become,” *jasə-* “come, go,” *nasiiə-* “perish”):

	Athematic		Thematic	
Sing.	- <i>tu</i>	<i>mraotu</i> , “let him say!” <i>daḏātu</i> “let him give!”	- <i>atu</i>	<i>jasatu</i> “let him come!”
Plur.	- <i>əṇtu</i>	<i>daḏəṇtu</i> “let them give!”	- <i>əṇtu</i>	<i>jasəṇtu</i> “let them come!”
	- <i>iiəntu</i>	<i>yaṇtu</i> “let them go!”	- <i>iiəntu</i>	<i>nasiiəntu</i> “let them perish!”
	- <i>uuəntu</i>	* <i>mruuəntu</i> “let them say!”	- <i>uuəntu</i>	<i>bauuəntu</i> “let them be(come)!”

Notes:

In the 3rd sing. of athematic verbs the “long” form of the stem is used. Vowels are lost before the ending *-antu*.

The imperative of “to be”

In athematic verbs, the imperative forms of “to be” are as follows (no plural forms attested):

Sing.
2 **zdī* "be!"
3 *astu* "let him be!"

Note: *zdī* is only attested in Old Avestan.

SYNTAX

Further examples of the uses of the nominative, vocative, and imperative

daēuūō apa.nasiiatu “Let the daēuua perish!”
daēuua apa.nase “Perish, O daēuua!”
mošu mē auuaŋhe jasatu “May he/she come quickly to my help!”
Sraošō iða astu “may Sraoša/hearing be here (present)!”
raθaēštārō pātārō jasəntu iða niš.hiðəntu
 “Let the charioteers come (as) protectors! Let them sit down here!”
frauuašaiiō xšnutā iða aiiəntu xšnutā iða vī.carəntu
 “May the fravashis (if) satisfied come here, may they (if) satisfied go about here!” (after Yt.13.156)

azəm yō Ahurō Mazdā dāta ahmi

[illegible]

"I who (am) Ahura Mazda am the creator."

azəm bā tē ahmi yā hauua daēna

[illegible]

"well, I am the *daēnā* which (is) your own (= your own *daēnā*)."

tum ahi Ahurō Mazdā maniiuš spāništō

מרגל . ממשל . משטרה (ב) . מקדש (ג) . מלחמה (ד) . מלך (ה) . מלכות (ו) . מלכות (ז) .

“You are Ahura Mazda, the most life-giving spirit.”

EXERCISES 4

1. Write in transcription and Avestan script the sing. and plur. nom. and voc. forms of the following nouns and adjectives:

mairiia- acišta-, aka- daēuua-, ātar- vohu.friiāna-, paṇtā- darəṇa-, nmāna- āhuiri-, gairi- spaēta-, kaniīā- huraoḍā-;

Aṣi- vaṇ^ṽhī-, Sraoša- Aṣiia-, Aži- Dahāka-.

2. Write in transcription and Avestan script the sing. and plur. imperative forms of the following verbs:

aē-/i-, mrao-/mru-, kārənao-/kārənu-, bara-, jaiḍiia-, rāmaiia-

3. Transcribe and translate into English:

• လေထု ချောမွေ့ • လှေကား • ဆင်နွေး
• လေထု • ဟို • လေ • လှေကား • ဆင်နွေး • ဆင်နွေး
• လေထု • လေ • လှေကား • ဆင်နွေး • ဆင်နွေး

[illegible][illegible][illegible][illegible]

4. Translate into Avestan:

1. O good fravashis, dwell here!
2. Rise, O people, and praise Order!
3. We, O Mazdayasnians, are Aryans.
4. Let the Huuōuuas, the brave charioteers, go about here!
5. O Miθra, come down hither to us for help!
6. This young woman is both beautiful and well-shaped.
7. Let this strong fravashi dwell here!
8. Let not this daēuua be here!
9. Let the villain perish! O villain, run away!
10. May Ahura Mazdā and the fire appear to us!

VOCABULARY 4

aē-/i- < √i: to go	kərənao-/kərənu- < √kar: to do
aīβiθura-: unshakable	mairiia-: villain, rogue
aii- < āi-	mairiia-: villainess
airime: in peace	mašiiāka- (usually plural): people
aora: here, hither, on/to this side	mā, + imperative (injunctive, optative): let not
āhuiri-: belonging to Ahura Mazdā, Ahurian	mitaiia- < √maēt/mit: to stay, dwell
āi- < ā + √aē/i: to come	miθnā-/miθn-: to stay, dwell
āiapta- n.: reward, spoils	mrāo-/mru- < √mrāo-/mru: to say
āiiasa- < √yam mid.: to harness (only 1st sing. āiiese)	naēd-/nid- (nis-) < √naēd/nid: to blame, scorn
ākā(sə): in full view (of: + loc.)	našiiia- < √nas: to perish
āuiš adv.: clear, apparent	niš.hiḍa- < √had: to sit down
baβrī- f.: (female) beaver	nmāna- n.: house, home
basta- < baṇdaiia-: bound, tied up	paiti.auua.jasa-: to come down hither
bā: a particle of uncertain function and meaning	paiti.auua.kərənta- < √kart: to cut down (to/upon: instr.)
daḍā-/daḍ-: to give; set in place ("create")	paiti.mrāo-/mru-: to answer
daēuuō.ciθra-: spawned by daēuuas, daēuua brood	paṇtā- m.: road, way (Lesson 12)
daēuuō.fradāta-: brought forth (created) by daēuuas	paoirī- f. of paura-
daēuuō.frakərasta-: fashioned forth by daēuuas	paoiriia-: first
daiuuī- fem.: deceitful	pauruua-: prior, former
dātar-: establisher, "creator"	pātar-: protector
Druuāspā-: a goddess	pourum < paura-
druxš, nom.-voc. sing. of druj-	raθaēštā- m.: charioteer
frauuāši- f.: fravashi, pre-soul	rāmaiia- < √ram: to dwell (in peace and quiet)
frāiiaza- < √yaz mid.: to send forth in sacrifice, sacrifice (+ acc. of thing or god)	saḍaiia- < √sand: to seem, appear
friθa-: dear	səuiišta- superlative of sura-: most rich in life-giving strength
haiθiia-: true, real (not only seemingly true)	srira- (srīra-): beautiful
Hukairiia-: name of a mountain	tanū- f.: body
Huuōuuas-: name of a family	tāiiu-: thief
iḍa: here	Tura-: Turanian
im, sing. nom. fem. of ima-: this	uγra-: strong
jaiḍi < √jan	upa.šaē-/ši-: to dwell, inhabit
jaiḍiia- < √gad/jad: to implore	vāstriia- n.: pasture
ka-: who?	vispō.vahma-: containing all hymns (?)
kaniia-: young woman	vī.cara- < √car: to go about, go far and wide
kasciṭ: each and every one	vī.nasiia- < √nas: to (go away and) get lost

LESSON 4

vohu.friiāna-: Vohu.friiāna; name of a fire

vohuuərəz-: who performs good (acts)

vouru.gaoiiaoti-: having/with wide grazing grounds

(refers either to the vast heavenly spaces that

Miθra “grazes” or to the pastures he will give to his worshippers as rewards)

xšnuta-, past part. of xšnāuuaiia- < √xšnao: satisfied

yaṭ: that, when, if (etc.)

yaza- < √yaz, mid.: to sacrifice (to) (+ acc. of thing or god)

yeiði: if, when (conjunction)

yezi: if (conjunction)

yuiḍiia-: to fight

zarənaēna- (zaranaēna-), f. zarənaēnī-: of gold

zāire, voc. sing. of zairi-: golden, tawny; standing epithet of Haoma