

Avestan siiazd-, Sanskrit sedh-, Latin cedere

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1. There are only three forms which are currently attributed to the Avestan verb siiazd-/sīžd- 'to withdraw; to expel, banish', viz. -iia-present participles act. siždiiant- (Yt 19.84), med. sīždiianna- (Y 32.4), and 3sg. subj. aor. act. siiazdaţ (Y 34.9).

Let us first look at the present, where the active participle seems to be transitive whereas the middle participle is intransitive:

Yt 19.84 yat imam daēnam āstaota dušmainiium siždiiō †daēuua †apašauua² so that he (= Kavi Vīštāspa) pronounced for this religion, expelling the enemy, driving out the daēvas.

Y 32.4 mašiiā ... vaxšəntē daēuuō. zuštā vaŋhōuš sīždiiamnā manaŋhō The mortals will increase the things agreeable to daēvas, withdrawing from good thinking.

The diathesis opposition in the present is unusual: Avestan *iia*-presents, just as their Sanskrit counterparts, are normally either active, or middle (cf. Kulikov 2001: 565). Kellens (1984: 36) mentions only six *iia*-presents where both voices are found, and, remarkably, the medial forms are in this case always the participles. Three verbs – *ah*- 'to throw', *jad*- 'to ask', *varz*- 'to work, accomplish' – are transitive in the active, and passive in the middle (participles 'thrown', 'asked', 'accomplished'). Two verbs (*vaxš*- 'to grow' and *uruuis*- 'to turn') are intransitive both in the active and in the middle, the middle forms being hapaxes (Vr 12.5 *fraoirisimna*, Yt 4.8 *uzuxšiiamno*), most probably of secondary origin.

It is clear that, if our interpretation of the forms is correct, *siiazd*-occupies a unique position. It does not belong to the group of the transitive verbs, since *sīždiiamnā* 'withdrawing' is not passive and since the adjective *sīždra*- 'evasive,

¹ Bartholomae, Kellens 1984, 1995: 63, Mayrhofer EWAia: 655, Hoffmann & Forssman 1996.

This is the text given by Hintze 1994: 353. Geldner edited dušmainiūm siždiiō daēuuan apa.ašauuan. For the last two words cf. also Schindler 1982: 189, 208-9 and de Vaan 2002: 354f., who proposes to read †daēuuō †apašāuuaiia.

shy (of animals)³ shows that the primary meaning of the root is 'to withdraw, flinch'. On the other hand, it is unparallelled that an intransitive middle *iia*-present would acquire a causative meaning simply by adding the active endings. These considerations make me believe that *siždiiō* stands for the causative participle +*siiazdaiiō*, which is confirmed by the manuscript readings J10 *šoždaiiō* and D *šozdaiiō*⁴.

2. Now we can turn to the aorist. Y 34.9 *sinazdat* has traditionally been translated intransitively ('will withdraw, retreat'), but the two latest translations of the Gāthās (Kellens & Pirart 1988, Humbach 1991 I), take the form as transitive, while interpreting *maš* as nom.sg. of the noun / adjective *maz*- 'a great (one), master, chieftain', cf.

Y 34.9 aēibiiō maš aṣā siiazdaṭ yauuaṭ ahmaṭ aurunā xrafstrā ... far from them a master shall chase away truths, as far from us as the

fierce beasts (are to be chased) (Humbach)
... le (mauvais) chef éloigne de ceux-là les Harmonies aussi loin que les infects (dieux) fauves (les éloignent) de nous (Kellens-Pirart)

It seems to me that the transitive interpretation is more attractive because the wild beasts do not normally retreat from us, but must be chased away (we shall come across another argument in favor of this interpretation below). A combination of an intransitive *iia*-present and a transitive root aorist is also found with the root vaxš-: uxšiieiti 'grows' vs. vaxšt, subj. vaxšat 'made grow, increased'.⁵

3.1. There is one more form, which, in my opinion, belongs to the aorist of siiazd-, viz. GAv. (Y 48.7) siiōzdūm, as it was edited by Geldner. Bartholomae in his dictionary opted for siiōdūm⁶, and this reading entered all subsequent publications, although Geldner's choice was most probably correct. Consider the variants given in Geldner's edition: siiōzdūm J2; siiaozdūm J6, Jm1; sīaozdūm P6; siōždūm J3; siiaoždūm J7, Jm2, Dh1, O2, S2, K10, L3; siiaozdūm H1; šiiaoždūm L2; šiiaozdūm L13, B2; šiiaoždūm Jm3; šiiaozdūm K11, C1; šiiaozdūm Lb2; siiōdūm K5.4,

The word is spelled with -i- at Yt 8.36, and with -i- at V 13.2. As indicated by de Vaan 2002: 166f., -i- is the usual reading in front of z.

Pt4, Mf1.2, Jp1. According to the stemma of the mss. (cf. Geldner's Prolegomena), we can distinguish the following major groups:

I. Pahlavi-Sanskrit-Yasna:

- 1. Indian Pahlavi-Yasna: K5 siiōdūm, J2 siiōzdūm;
- 2. Iranian Pahlavi-Yasna: Mf1, Pt4 siiōdūm;
- 3. Sanskrit-Yasna: J3 sīōždūm;

II. Iranian Vīdēvdāt-Sāde: Mf2, Jp1, K4 siiōdūm;

III. Indian Vīdēvdāt-Sāde: Dh1, O2, S2, K10, L3 siiaoždūm, L2 šiiaoždōm,

IV. Indian Yasna-Säde: K11, C1 šiiaozdəm; Lb2 šiiaozdəm;

H1 siiaoždəm; J7 siiaoždūm; J6, Jm1 siiaozdūm;

Geldner's siiōzdūm is attested only in J2, but -z- or -z- are found in several other groups of Indian mss. The z-variants must be due to the influence of the present sizdiiate. Since the reading siiōdūm is practically restricted to the Iranian mss. and since it is more probable that a letter was omitted⁷, than that it was independently added in several manuscript groups, I believe that Geldner's choice is warranted. This is further confirmed by morphological and semantic considerations.

In Geldner's edition, the first line of Y 48.7 reads: $n\bar{i}$ aēṣəmō $n\bar{i}$ diātam paitī rəməm paitī siiōzdūm, which stands for $/n\bar{i}$ aiṣmah dyatām, patī ramam syazdvam/8. The form paitī siiōzdūm can be interpreted as 2pl. aor. impv. middle of siiazd-9. The passage can be translated: 'Let fury be stopped¹⁰! Banish violence (ye who try to attach yourselves to good thought)!' We do not know the exact bearing of the terms aēṣəma- and rəma-11, but they clearly refer to violence against the cow, the followers of Zarathustra being summoned to abolish cow sacrifices. From the semantic point of view, the transitive aorist of siiazd- perfectly suits the context. The middle has the so-called "self-beneficient" function, i.e. 'away from yourselves' or 'in your own interest'. The transitive meaning of this aorist imperative confirms the transitive interpretation of siiazdat, discussed in § 2.

3.2. The reading $sii\bar{o}dum$ / syadvam/, on the other hand, leads to insurmountable semantic difficulties. This form seems to be 2pl. impv. med. iia-pres. of $\sqrt{s\bar{a}}$ -, but what would this root mean? Bartholomae assumed the meaning 'wehren', but was unable to find an etymology. Therefore, Kuiper suggested to compare $sii\bar{o}d\bar{u}m$ with Skt. $\dot{s}\bar{i}yate$, which not only means 'to fall out', but "in

s sometimes appears in the mss. for sii, cf. H 1.17 fraoirišaiti for fraoirisiiaiti. Note further that the mss. J10 and D constitute an independent line of the ms. stemma, cf. Geldner, Prolegomena xliv-xlv, Hintze 1994: 57f.

When the manuscript of this article was finished, I saw that the same emendation had already been proposed by Pirart 1992: 109f.

⁵ Cf. also GAv. xraodatī, xraodatī 3sg. subj. root aor. 'make afraid, vex' vs. Skt. krúdhyatī 'be angry' (Humbach 1959: 56, fn. 65).

Thus already Westergaard, who based his edition on manuscript K5.

⁷ Cf. for a parallel K5 θβarō.dūm (Y 29.1) vs. θβarōždūm elsewhere.

⁸ Cf. Monna 1978: 73. The repeated preverbs must of course be deleted.

To be sure, we expect zero grade of the root in the root agrist middle, but there are various deviations from the pattern in Avestan (see Kellens 1984: 361f).

For ni diiātam see Humbach 1991 II: 201.

For these terms see Insler 1975: 288f., Humbach 1991 II: 201.

Zusammensetzung mit Präverbien hat es die allgemeine Bedeutung von lat. cēdere, z.B. atisīyate 'herauskommen aus, verlassen, discedere', upaśiyate 'hinzukommen, accedere" (1939: 64 = 1997: 220). However, the usage referred to by Kuiper is only attested in later Vedic (JB) and is clearly secondary, the original meaning of si-being 'to fall (down)'. Finally, according to the nowadays generally accepted analysis (Humbach, Insler, Kellens), Vsā- means 'to cut' and is cognate with Skt. chā- 'to skin', but the translations are rather forced, cf. Humbach 1959: 'haut ein auf die Fesseln'; Humbach 1991 I: 'Chop up fury', Insler: 'Cut away cruelty!', Kellens & Pirart: 'Tranchez l'Entrave', and the function of the preverb paiti remains unclear. The grammar of Hoffmann & Forssman takes an intermediate position, postulating the meaning of the root as 'wehren' and still keeping the etymological connection with Skt. chā-.

Furthermore, the other forms of Av. Vsā- are doubtful, too. The only other finite form that has been attributed to this root 13 is Y 31.18 sāzdūm / sāzdvam/ as 2pl. impv. med. s-aor. Here again, the meaning does not really suit the context: the translations of ava iš sazdūm snaiviša Deshalb zerfetzt die Trughaften mit eurer Waffe' (Humbach 1959), "Therefore cut these down with your weapon' (Insler 1975), or 'coupez de votre couteau ses (formules et ses leçons)' (Kellens & Pirart 1988) do not seem very appealing. In his new edition of the Gāthās, Humbach (1991) renders the passage differently: 'Teach them with (Your) weapon,14, thus taking sazdum as 2pl. impv. med. pres. of the root sah-'to teach'. This solution seems perfectly acceptable to me. Although in the Avesta this root is attested only in the active, its Vedic cognate śās- is freely used in both active and middle.

4. There is one more form in Gāthic that may belong to the aorist of siiazd-, viz. Y 32.16 siias(-cīt). The passage is extremely difficult and is often left untranslated:

hamām tat vahištācīt xšaiias mazdā ahurā hiiat aenanhe droguuato yō ušuruiiē siiascīt dahmahiiā vehiiā mā aið īšcīt duuaēðā จิจลิทนี *เรี่*เเจิท*g anhai*เลี

The form siias(-cit) has never been explained in a satisfactory way¹⁵. From a formal point of view, siias can be 2/3sg, of the root agrist of siiazd-: *siiazd-s or

*siiazd-t regularly yield Av. siias (cf. 3sg. s-aor. act. sas 'to seem, please' < *sānd-s-t, Beekes 1988: 102). There are no other verbal forms in the first two lines, and it is probable that siias is a verb.

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5. Finally, in order to complete the dossier of the root sitazd-, let us look at F 25a (Klingenschmitt 695) frasiiazjaiti¹⁶ and A 3.13 fraca siiazjaiiōit¹⁷. Kuiper (1934: 237, cf. also Kellens 1984: 147) has proposed to emend F 25a frasiiazjaiti to *frasiiazjaiieiti, so that we are probably dealing with a single causative formation. Bartholomae has set up a separate root (fra-)syazg- 'propellere', 'fort-, verjagen' for these forms, but this root has no secure parallels either in Iranian, or outside. 18 The meaning of frasiiazjaiieiti is so close to that of siiazd-that Kuiper 1934: 236f. considered siiazd- and siiazg- parallel root enlargements. It is therefore tempting to consider frasiiazjaiieiti a corruption of +frasiiazdaiieiti, a causative to *siiazd*-, which we have already postulated for Yt 19.84¹⁹.

6. To recapitulate, we can represent the averbo of Avestan siiazd- as follows:

sīždiiamnā 'withdrawing, flinching' present med. (intr.) root aor.act. (trans.) siias (?)

siiazdat 'will chase away, expel' subj. (paitī) siiōzdūm 'banish!' impy. med.

†frasiiazdaiiati, †siiazdaiiō 'chase away' causative act.

siždra- 'evasive, shy'] [adj.

Within Iranian, siiazd- has a probable cognate in Chor. b-šžy 'to avoid' (Schwartz apud Henning & MacKenzie 33) < *apa-siżdya- (Samadi). Since Bartholomae GIP: 77, the root has been further connected with Skt. six- 'to be left

Pahlavi translation pr'e-spwešnyh 'to push, drive forward'. In the passage aunaēzō †dim paseaēta fraca xraosiiōiţ fraca siiazjaiiōiţ 'without (commit-

ting) any sin, he may then shout at him and drive him forward'.

It is further remarkable that, whereas the cluster 27 does not normally show variant readings in the manuscripts, in these two passages we do find many variants: in the Farhang, ms. M. reads frasiiaojaiti; in the Afrīngan, Geldner gives in his critical apparatus F2, K36, W1 siiazjaiioit, Lb5 siiaz jiioit, K18, J15, P14 saiiazaiioit, L25 frascat zaiiōit, Pt1, E1, Mb1.2, L11, O3 fracascit zaiiōit, Jm4 ...t. zaiiōit, L18 fracat zaiiōit (sci appended sec.m.), K19, P13 tfrascit zaiioit, L18, O3 fracasciti jaiioit, deest [9, H2,

This etymology goes back to Walde & Pokorny II: 541, cf. Kuiper 1939: 63 = 1997:

A possible derivative of this root is *sāna- at Yt 19.44 (...)sānam and Yt 13.136 frakərəstö.frasānahe, for which see Cheung, forthcoming. Thus already Altheim 1949: 264 (Belehret sie durch die Waffe').

Insler 1975 takes it as an adj. from si 'lie', assuming that it stands for *siyas or *sayas, and translates the first line: 'This is equal to the best indeed (for him) who surely lies in the ... of the Wondrous One'.

The often proposed connection with Skt. *sīghrá*- adj. (VS+) 'quick, swift' (cf. Kellens 1984: 147 with ref.) is unattractive. Also Russ. *sīgát*' 'to jump' and OE *hīgian* 'to exert oneself, strive, hasten' can hardly be cognate. OE higian cannot be separated from Middle Dutch higen, Modern Dutch hijgen 'to pant', which seem to preserve the original meaning. The Russian word is only attested in the Southern and Western dialects, i.e. exactly in those dialects where i merged with 'a (< e) in pretonic position, and is likely to derive from *segati (Lubotsky 1999: 76).

over', but this etymology leaves the $-d^{(h)}$ - unaccounted for and is semantically not evident²⁰. Humbach (1991 II: 111) compared *siiazd*- with Skt. *sédhati* 'to drive, chase away', albeit without any further comments. Mayrhofer (EWAia s.v. SEDH) did not take up this comparison, but Humbach's idea seems attractive to me. Let us try to seriously consider this etymological proposal.

First of all, the semantic match is perfect. Humbach has pointed to many parallels, cf. RV 8.23.13c vísvéd agníh práti ráksāmsi sedhati 'Agni chases all Raksases away', 6.47.29d dūrād dávīyo ápa sedha śátrūn 'chase away the enemies farther than far!', 1.105.11c té sedhanti pathó výkam 'they chase the wolf off the path'. Secondly, Skt. sedh- is used with the same preverbs as siiazd-, viz. práti, prá, ápa (cf. Chor. *apa-siždya-), although one can argue that these preverbs are only to be expected with a verb of such semantics. Thirdly, it is remarkable that in old Vedic texts, formations with zero grade of the root are clearly avoided: we find present sédhati, is-aor. sedhīh, pf. sisedha21, ŚB niseddhŕ-, aniseddhrá-, possibly AVŚ 1.18.4 gosedhá- 'kine-repelling'. The zero-grade is attested in the intensive anusésidhat (RV 1.23.15b), the attribution of which is not certain (see Schaefer 1994: 196f. for a discussion), and in apasidhya AVS 8.2.7. The ta-participle is found at ŚB 2.5.2.27 niṣiddha-, where it stands directly after niṣeddhŕ-, and otherwise only in the JB. Accordingly, it looks as if the zero-grade is secondary, which would be in conformity with the reconstruction *sazdh-. It is conceivable that the Skt. present sédhati goes back to the subjunctive of the root aorist, which would account for the transitive meaning.

The only serious problem is that of the anlaut, since Iranian *si- (from PIIr. *i-) and Sanskrit s- (apparently, from PIIr. *s-) do not match. Nevertheless, I do not think that this fact is an insurmountable obstacle to the etymology. The loss of -i- in the initial cluster *si- is not without parallels in Sanskrit, cf. si-thread', si-ni-'basket' < *si-ni-. Note further that word-initial sy-ni- is unattested in Sanskrit.

In order to account for Skt. s- instead of expected *s-, we have to consider the fact that Sanskrit has a tendency towards a kind of "sibilant harmony". Initial *s- often becomes s-, if there is s or s in the root, cf. Skt. sus- 'to be dry' < *sus-, śvásura- 'father-in-law' < *svaso, śmáśru- 'beard' < *smaso, etc. (AiGr. I: 224). Klingenschmitt (1975: 77, fn. 3) has shown that also non-initial -s- can be assimilated to the initial s-, cf. sasa- 'hare' < *sasa-. In a root like *siazdh-, it was hardly possible to assimilate -z- to the initial s-, because -z- was "protected" by

the following dental d^h . Therefore, there was no other way to harmonize the sibilants than to change s- to s-. ²³

7. It thus seems reasonable to connect Skt. sédhati with Avestan siiazd- and to reconstruct PIIr. *¿iazdh-24. A probable Indo-European cognate of this Indo-Iranian verb is Lat. cēdere 'to move, withdraw'. The etymology connecting Av. siiazd- with Lat. cēdō is already mentioned in Walde & Hofmann, who consider it doubtful, however, because the verb only means 'to move' in Plautus, and the meaning 'to withdraw' seems to be derived from the compounds abscēdō, concēdō, etc. Yet at the same time, Walde & Hofmann indicate that the meaning 'to withdraw' is already attested in Ennius and is no doubt old in necesse. The semantic objection is thus invalid.

Since we reconstruct PIIr. * $\acute{e}_{l}azd^{h}$ - with $-d^{h}$ -, we must shortly discuss the development of PIE * zd^{h} in Latin. Since Szemerényi 1952, it has become generally accepted that this cluster yields Latin st (cf., for instance, Meiser 1998: 119). Before that, the development of * zd^{h} was considered uncertain * z^{25} , because next to the -zt-reflex we also find $cr\bar{e}d\bar{o} < *krezd - < *kred(s)-d^{h}eh_{t}$ - (Skt. $\dot{s}raddh\acute{a}$ -) and $audi\bar{o} < *auizd$ - (Gr. $\dot{a}(F)\iota\sigma\theta\acute{e}\sigma\theta\alpha\iota$) with -d- and compensatory lengthening * z^{26} . Let us review the evidence usually given for the reflex -zt-.

(1) Lat. hasta 'shaft, spear' (OIr. gat 'osier, withe', Goth. gazds 'sting', OHG gart 'goad');

On a higher level, it is conceivable that *siiazd*- is related to Skt. *śiṣ*- and further to *śṣṣate* 'fall out' (cf. Kuiper 1934: 236f.).

²¹ ŘV 1.32.13a, for a discussion of this form see Gotō 1987: 327, fn. 793.

AVŚ syédu- 'mucus' (12.1.30b), also spelled sédu- in the mss., must no doubt be emended to séhu- 'id.' on the basis of the parallel AVP passage (17.3.10b), which has sehrār in Kashmir, and sehur in Orissa.

We find a somewhat similar picture in the Vedic 'ruki' reflexes. There are several cases when s does not undergo 'ruki' if the next syllable contains s, cf. ánu-spaṣṭa-; anu-séṣidhat-; 2sg. sisakṣi (vs. 3sg. siṣakti, 3sg. impv. siṣaktu, 2pl. impv. siṣakta); sú-snuṣa-, etc., which points to dissimilation s...s > s...s. On the other hand, we find compounds like svabhiṣṭi-sumna-, vakṣane-sthá-, carṣaṇī-sáh-, where the second s does not undergo 'ruki'. It is clear that dissimilation would have seriously distorted words like *svabhiṣṭi-sumna-. The solution was not to apply 'ruki' to the second member of the compound.

This etymological analysis has as a consequence that Av. apa.hiòat (Yt 19.56) cannot belong with Skt. apa-sidh-, as was suggested by Humbach 1972: 987 (cf. also Hintze 1994: 286f). In that publication, Humbach convincingly argued that the unexplained loss of z in Av. nišhiòaiti 'to sit down' < *niš(h)izdati is due to dissimilation. Both in Avestan and OP, the finite forms of the root Vhad- are only attested with the preverb ni. Therefore, he wanted to separate apa.hiòat from nišhiòaiti. It is conceivable, however, that at Yt 19.56 (tat x arano apatacat, tat x arano apa.hiòat), apa.hiòat is a nonce formation with the preverb apa replacing ni under influence of the preceding apatacat.

Cf. Leumann (1926-28: 136): "Unaufgeklärt, weil nur durch ein paar umstrittene Etymologien zu fassen, ist die lautgesetzliche Vertretung und Entwicklung von idg.

⁻zdh--dzdh- und -ddh- bzw. -dzdh-".

The third reflex, viz. -ss- in words like iussus < *(H)iudh-to-, which only occurs at a morpheme boundary, is likely to be of a younger date, since these words were most probably formed in Proto-Italic.

- (2) Lat. vastus 'wide, immensely large' (OIr. fota 'long', fot, fut 'length');
- (3) Lat. custos 'guard' (Got. huzd 'treasure', Gr. κεύθω 'to hide');
- (4) Lat. aestus 'heat', aestas 'summer' (Gr. $\alpha \ddot{i}\theta \omega$).

The first two words have limited distribution and are likely to be loan-words from a European substrate, which is further indicated by the variation in the vocalism (-a- in hasta vs. -o- in Umbr. hostatu 'hastatos', anostatu 'non hastatos', Lat. vastus vs. OIr. fot) and in the consonantism (cf. also OIr. gas 'twig' < *-st-). At what stage these words entered the language and in which form is unknown, but they are irrelevant to the fate of PIE *zdh in Latin.

The connection of *custos* with the Germanic words for 'treasure' as well as its derivation from the IE root for 'to hide' seem very doubtful to me. Szemerényi's suggestion (1952: 45ff) to derive both Latin and Germanic words from PIE *k(e)uzdho- 'palace, treasure house, treasure' on account of Avestan 'kaožda- is also unattractive.²⁷

As for aestus, aestas (which at any rate is a different case, representing a reflex of *- d^h -t-), I would rather assume that in *aessus, *aessas, the -t- of the suffix was restored.

8. We may conclude that PIE * zd^h yields Latin d with compensatory lengthening²⁸ and that PIIr. * $\acute{e}iazd^h$ - is likely to be connected with Lat. $\acute{e}e$ ere. The PIE root must then be reconstructed as * $\acute{k}iesd^h$ -. The structure of this root is admittedly quite unusual and may point to a compound²⁹, but further analysis must be reserved for another occasion.

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The Avestan word is only attested at Yt 5.128 as the second member of the compound ašta.kaožda-, interpreted by Szemerényi as 'with eight turrets'. The compound is an epithet of the hapax pusā-, traditionally glossed as 'diadem', but taken by Szemerényi to mean 'crown', more specifically, a Roman corona muralis.

Since the sound law -zdh- > -st- is seen as "eines der stärksten Argumente dafür, daß die uridg. Mediae Aspiratae im Italischen zunächst als stimmlose Spiranten fortgesetzt wurden" (Meiser 1998: 119), the whole theory must probably be abandoned.

Cf. Skt. m(iy)édha-, Av. miiazda- m. 'sacrificial meal' $< *miesd^h(h_1)o$ - vs. Av. mizda-, etc. $< *misd^h(h_1)o$ -.

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